

Worksheet 17. Stream size/order variables that influence channel stability.

|                              |  |
|------------------------------|--|
| Stream:                      |  |
| Reach:                       |  |
| Date:                        |  |
| Observers:                   |  |
| Stream size category (order) |  |

**STREAM SIZE**

| Category | Bankfull Width |            | Check appropriate category |
|----------|----------------|------------|----------------------------|
|          | meters         | feet       |                            |
| S-1      | 0.305          | <1         |                            |
| S-2      | 0.3 - 1.5      | 1 - 5      |                            |
| S-3      | 1.5 - 4.6      | 5 - 15     |                            |
| S-4      | 4.6 - 9        | 15 - 30    |                            |
| S-5      | 9 - 15         | 30 - 50    |                            |
| S-6      | 15 - 22.8      | 50 - 75    |                            |
| S-7      | 22.8 - 30.5    | 75 - 100   |                            |
| S-8      | 30.5 - 46      | 100 - 150  |                            |
| S-9      | 46- 76         | 150 - 250  |                            |
| S-10     | 76 - 107       | 250 - 350  |                            |
| S-11     | 107 - 150      | 350 - 500  |                            |
| S-12     | 150 - 305      | 500 - 1000 |                            |
| S-13     | >305           | >1000      |                            |

**STREAM ORDER**

Add categories in parenthesis for specific stream order of reach. For example a third order stream with a bankfull width of 6.1 meters (20 feet) would be indexed as: S-4(3).