

**TABLE 5. SIZE DISTRIBUTIONS OF LEAD PARTICLES**

Experiment	Test Material	Particle Size (µm), Liberated Particles Only								
		<5	5-9	10-19	20-49	50-99	100-149	150-199	200-249	>250
2	Bingham Creek Residential	38%	22%	19%	16%	4%	2%	0%	0%	0%
	Bingham Creek Channel Soil	66%	13.6%	10%	6.1%	3%	1%	0%	0%	0%
3	Jasper County High Lead Smelter	44%	19%	8%	8%	9%	9%	2%	1%	1%
	Jasper County Low Lead Yard	29%	20%	21%	20%	8%	3%	0%	0%	0%
4	Murray Smelter Slag	14%	13%	15%	6%	20%	24%	4%	3%	0%
	Jasper County High Lead Mill	23%	21%	22%	19%	9%	6%	1%	1%	0%
5	Aspen Berm	27%	19%	22%	17%	8%	6%	1%	1%	0%
	Aspen Residential	38%	35%	12%	8%	4%	2%	0%	0%	0%
6	Midvale Slag	6%	1%	3%	4%	20%	29%	18%	13%	5%
	Butte Soil	23%	15%	14%	23%	14%	9%	2%	1%	0%
7	California Gulch Phase I Residential Soil	24%	9%	18%	22%	15%	9%	1%	1%	1%
	California Gulch Fe/Mn PbO	26%	19%	24%	17%	10%	4%	0%	0%	0%
8	California Gulch AV Slag	19%	8%	8%	5%	9%	19%	10%	13%	9%
9	Palmerton Location 2	26%	23%	25%	18%	6%	1%	0%	0%	0%
	Palmerton Location 4	25%	15%	21%	25%	13%	2%	0%	0%	0%
11	Murray Smelter Soil	23%	10%	29%	17%	6%	8%	3%	3%	1%
	NIST Paint	76%	4%	6%	8%	6%	0%	0%	0%	0%
12	Galena-enriched Soil	48%	2%	4%	41%	4%	0%	0%	0%	0%
	California Gulch Oregon Gulch Tailings	85%	8%	6%	0%	0%	0%	0%	0%	0%