Table 7. Major and trace element data from the Bullion Smelter slag sample, Jack Creek drainage, Boulder River watershed, Montana

[Major element data from total digestion expressed in weight percent, trace element data and all leachate data expressed in ppm (parts per million) or µg/g, dry weight basis.]

A. Total Digestion Data

Site Number (fig. 2)	Sample Number	Aluminum percent	Calcium percent	Iron percent	Potassium percent	Magnesium percent	Sodium percent	Phosphorous percent	Titanium percent
Smelter slag sample									
6T	96-BM-114	3.1	7.2	21	0.90	0.52	0.26	0.07	0.14

Site Number	Sample Number	Arsenic ppm	Barium ppm	Beryllium ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Gallium ppm
Smelter slag sample										
6T	96-BM-114	430	360	1	6	30	21	80	3500	9

Site Number	Sample Number	Lanthanum ppm	Lead ppm	Lithium ppm	Manganese ppm	Molybdenum ppm	Neodymium ppm	Nickel ppm	Niobium ppm	Scandium ppm
Smelter slag sample										
6T	96-BM-114	16	1300	25	5000	10	12	9	7	8

Site Number	Sample Number	Silver ppm	Strontium ppm	Thorium ppm	Tin ppm	Vanadium ppm	Ytterbium ppm	Yttrium ppm	Zinc ppm
Smelter slag sample									
6T	96-BM-114	62	140	9	< 5	57	1	14	9100

Table 7. Major and trace element data from the Bullion Smelter slag sample, Jack Creek drainage,Boulder River watershed, Montana—(continued)

B. Leachate data

Site Number (fig. 2)	Sample Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Titanium ppm	Antimony ppm	Arsenic ppm
Smelter slag sample											
6T	96-BM-114	16000	60800	169000	4800	3000	300	450	83	18	120

Site Number	Sample Number	Barium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm	Manganese ppm	Molybdenum ppm
Smelter slag sample												
6T	96-BM-114	79	21	2.6	18	9.8	57	2700	11	1100	4500	< 1

Site Number	Sample Number	Nickel ppm	Silver ppm	Strontium ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
Smelter slag sample							
6T	96-BM-114	4.1	53	78	43	10	7500