Table 1. Sample localities of stream terrace and core samples, smelter slag, and sampled mine wastes, Boulder River watershed, Montana

[SIDG, sieved intervals, gravel deposits; FT, fluvial tailings deposits, usually along stream banks; TC, tree core or slab for dendrochronology]

Site Number (fig. 2)	Sample Locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
Boulder River					
1B	South side, Boulder River west of Basin	99-BMB-102	SIGD	46 16' 12.8"	112 16' 22.7"
2B	South side, Boulder River below confluence with Basin Creek	99-BMB-103	SIGD	46 16' 1.4"	112 15' 30.4"
3B	North side, Boulder River below Cataract Creek	99-BMB-104	SIGD	46 16' 14.4"	112 14' 16.3"
4B	North side, Boulder River below Cataract Creek	99-BMB-106	SIGD	46 15' 32.7"	112 12' 40.7"
5B	South side, Boulder River below confluence with High Ore Creek	99-BMB-105	SIGD	46 15' 45.1"	112 12' 2.2"
6B	South side, Boulder River below Watson Gulch	99-BMB-108	SIGD	46 14' 14.9"	112 9' 23.1"
		99-BMT108	TC	46 14' 14.9"	112 9' 23.1"
1T	Boulder River below confluence with Basin Creek, deposited on gravel bar in river	97-BMF-133	Cores in FT	46 16' 2.4"	112 15' 26.1"
Basin Creek					
7B	Basin Creek, meadow south of Buckeye complex	98-BMB-406	Core	46 23' 37.2"	112 17' 52.8"
8B	South Fork Basin Creek	98-BMB-401	Core	46 20' 51.9"	112 20' 47.9"
9B	Basin Creek above confluence with South Fork Basin Creek	98-BMB-402	Core	46 20' 42.5"	112 20' 25.7"
10B	Basin Creek below Vacchiau Gulch	98-BMB-403	Core	46 20' 10.7"	112 19' 50.9"
11B	Basin Creek above Saul Haggerty Gulch	97-BMB-123	SIGD	46 19' 12.7"	112 19' 25.0"
3T	Buckeye mine waste dump	98-BMF-105	Core	46 23' 39.8"	112 17' 49.9"

Table 1. Sample localities of stream terrace and core samples, smelter slag, and sampled mine wastes, Boulder River watershed, Montana—continued

Site number (fig. 2)	Sample Locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
Jack Creek					
12B	Jack Creek tributary below Bullion tailings	98-BMB-407	Core	46 21' 51.5"	112 18' 14.0"
13B	Jack Creek below Bullion tailings, stream bank deposit	97-BMB-122	Core	46 21' 52.3"	112 18' 25.8"
14B	Jack Creek below Bullion tailings	98-BMB-405	Core	46 21' 52.8"	112 18' 31.8"
		98-BMT-405	TC	46 21' 52.0"	112 18' 31.0"
15B	Jack Creek, sediment core from within smelter reservoir	98-BMB-404	Core	46 21' 40.9"	112 18' 48.2"
		98-BMT-404	TC	46 21' 41.2"	112 18' 48.4"
		99-BMT-110	TC	46 21' 47.5"	112 18' 54.4"
35S	Jack Creek tributary below Bullion tailings	97-BMS-104	FT	46 21' 38.6"	112 17' 50.6"
36S	Jack Creek tributary below Bullion tailings	97-BMS-105	FT	46 21' 47.1"	112 18' 11.7"
37S	Jack Creek above tributary draining the Bullion tailings	97-BMS-106	FT	46 21' 52.5"	112 18' 16.5"
40S	Jack Creek below Bullion tailings	97-BMS-107	FT	46 21' 52.4"	112 18' 32.4"
2T	Jack Creek tributary below Bullion tailings	97-BMF-102	Core	46 21' 27.0"	112 17' 44.9"
	Jack Creek tributary below Bullion tailings	97-BMF-103	Core	46 21' 31.0"	112 17' 49.9"
6T	Smelter site near Jack Creek tributary	96-BM-114	Slag	46 21' 23.0"	112 18' 57.7"
Uncle Sam Gulch					
16B	Uncle Sam Gulch below Crystal Mine	97-BMB-134	Core	46 20' 2.8"	112 15' 47.9"
17B	Uncle Sam Gulch below Crystal Mine	97-BMB-135	Core	46 20' 22.9"	112 15' 41.8"
		97-BMT-135	TC	46 20' 23.0"	112 15' 42.0"
4T	Uncle Sam Gulch below Crystal Mine	97-BMF-109	Core	46 20' 48.7"	112 15' 36.1"
High Ore Creek					
18B	High Ore Creek below Peters Gulch	96-BMB-139	Core	46 16' 39.0"	112 12' 8.2"
19B	High Ore Creek above confluence with Boulder River	97-BMB-125	SIGD	46 15' 53.1"	112 12' 9.9"
5T	High Ore Creek below Comet mine	97-BMF-130	Core	46 18' 26.9"	112 10' 48.5"
	High Ore Creek below Comet mine	97-BMF-131	Core	46 18' 25.9"	112 10' 51.2"