Table 1. Bed- and suspended-sediment sample localities, Boulder River watershed, Montana, 1996-99

[Sample number: suffix "A" indicates sample from south side of channel; suffix "B" indicates sample from north side of channel. Sample type: SS, composite streambed sediment. Abbreviation: DMS, degrees, minutes, seconds]

Site number (fig. 1)	Sample locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
BOULDER RIVER					
1S	Boulder River above Red Rock Creek	97-BMS-137	SS	46° 15' 09.0"	112° 30' 28.8"
		98-BMS-114	SS		
2S	Boulder River at Indian Head Rock	96-BM-135	SS	46° 16' 02.2"	112° 18' 37.3"
3S	Boulder River east of Indian Head Rock	97-BMS-115	SS	46° 15' 57.1"	112° 18' 08.0"
		98-BMS-113	SS		
4S	Boulder River above Kleinsmith Gulch	96-BM-121	SS	46° 16' 10.9"	112° 16' 43.0"
		NIM-5	Suspended sediment		
5S	Boulder River above Basin Creek	96-BM-125A	SS	46° 16' 00.8"	112° 15' 36.7"
		96-BM-125B	SS		
6S	Boulder River below Basin Creek	96-BM-124A	SS	46° 16' 02.5"	112° 15' 27.3"
		96-BM-124B	SS		
7S	Boulder River below Basin	97-BMS-114	SS	46° 16' 07.1"	112° 15' 00.8"
8S	Boulder River above Cataract Creek	96-BM-127A	SS	46° 16' 13.5"	112° 14' 29.5"
		96-BM-127B	SS		
9S	Boulder River below Cataract Creek	96-BM-128A	SS	46° 16' 13.9"	112° 14' 22.9"
		96-BM-128B	SS		
10S	Boulder River below Cataract Creek	97-BMS-112	SS	46° 16' 14.1"	112° 13' 57.3"
		98-BMS-116	SS		
11S	Boulder River above High Ore Creek	96-BM-130A	SS	46° 15' 49.1"	112° 12' 13.0"
		96-BM-130B	SS		
12S	Boulder River below confluence of High Ore Creek	96-BM-129A	SS	46° 15' 47.4"	112° 12' 07.1"
		96-BM-129B	SS		

Table 1. Bed- and suspended-sediment sample localities, Boulder River watershed, Montana, 1996-99—(continued)

Site number (fig. 1)	Sample locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
13S	Boulder River below High Ore Creek	96-BM-137A	SS	46° 15’ 38.2”	112° 11’ 24.0”
		96-BM-137B	SS	46° 15’ 38.2”	112° 11’ 24.0”
14S	Boulder River below Little Galena Gulch	97-BMS-119	Overbank sediment from southwest side of channel	46° 15’ 00.0”	112° 10’ 25.9”
		97-BMS-111	SS		
		98-BMS-106	SS		
		NIM-2	Suspended sediment		
15S	Boulder River below Watson Gulch	96-BM-138	SS	46° 14’ 12.8”	112° 09’ 18.7”
16S	Boulder River below Muskrat Creek	96-BM-132	SS	46° 12’ 40.0”	112° 05’ 28.0”
17S	Boulder River 44 km above Jefferson River	96-BM-134	SS	46° 06’ 29.9”	111° 55’ 16.7”
18S	Boulder River above Jefferson River	96-BM-133	SS	45° 52’ 12.7”	111° 56’ 29.8”
BASIN CREEK					
20S	Basin Creek above Buckeye Mine tailings	98-BMS-104	SS	46° 23’ 47.2”	112° 17’ 21.5”
21aS	Basin Creek above Buckeye Mine tailings	97-BMS-101-19	SS	46° 23’ 39.7”	112° 17’ 48.2”
21bS	Basin Creek at Buckeye Mine tailings	97-BMS-101-A7	SS	46° 23’ 42.4”	112° 17’ 38.8”
21cS	Basin Creek at Buckeye Mine tailings	97-BMS-101-B7	SS	46° 23’ 40.9”	112° 17’ 39.8”
21dS	Basin Creek at Buckeye Mine tailings	97-BMS-101-C7	SS	46° 23’ 39.8”	112° 17’ 44.5”
21eS	Basin Creek below Buckeye Mine tailings	96-BM-136	SS	46° 23’ 40.2”	112° 17’ 53.8”
22S	Clear Creek above Basin Creek	96-BM-107	SS	46° 23’ 46.0”	112° 19’ 04.4”
23S	Basin Creek above Joe Bowers Creek	96-BM-109	SS	46° 22’ 18.1”	112° 20’ 37.9”
24S	Basin Creek above South Fork Basin Creek	98-BMS-103	SS	46° 20’ 42.8”	112° 20’ 25.4”
25S	South Fork Basin Creek	98-BMS-101	SS	46° 20’ 37.3”	112° 20’ 27.7”
26S	Basin Creek below Jack Creek	98-BMS-102	SS	46° 20’ 33.7”	112° 20’ 19.7”
27S	Basin Creek above Clay Creek	96-BM-110	SS	46° 19’ 36.9”	112° 19’ 36.0”
28S	Basin Creek above Saul Haggerty Gulch	96-BM-123	SS	46° 18’ 34.9”	112° 18’ 23.4”

Table 1. Bed- and suspended-sediment sample localities, Boulder River watershed, Montana, 1996-99—(continued)

Site number (fig. 1)	Sample locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
29S	Basin Creek above Meyers Gulch	96-BM-122	SS	46° 17’ 22.9”	112° 16’ 57.0”
30S	Basin Creek above Basin	97-BMS-117	SS	46° 16’ 31.2”	112° 15’ 56.9”
		98-BMS-110	SS		
	Basin Creek above Basin	NIM-4	Suspended sediment	46° 16’ 16.0”	112° 15’ 41.9”
31S	Basin Creek at Boulder River	96-BM-126	SS	46° 16’ 05.2”	112° 15’ 33.4”
JACK CREEK					
32S	Bullion Mine tributary above Bullion Mine tailings	97-BMS-102s1	SS	46° 21’ 26.2”	112° 17’ 40.8”
33S	Bullion Mine tributary below Bullion Mine tailings	97-BMS-102s2	SS	46° 21’ 29.5”	112° 17’ 47.8”
34S	Bullion Mine tributary below Bullion Mine tailings	96-BM-115	SS	46° 21’ 33.8”	112° 17’ 48.6”
35S	Bullion Mine tributary below Bullion Mine tailings	97-BMS-104G	Overbank deposit of fluvial tailings	46° 21’ 38.6”	112° 17’ 50.6”
36S	Bullion Mine tributary below Bullion Mine tailings	97-BMS-105G	Overbank deposit of fluvial tailings	46° 21’ 47.1”	112° 18’ 11.7”
		97-BMS-105S	Soil profile in stream bank		
37S	Bullion Mine tributary below Bullion Mine tailings	97-BMS-106G	Overbank deposit of fluvial tailings	46° 21’ 52.5”	112° 18’ 16.5”
38S	Jack Creek above Bullion Mine tributary	97-BMS-140	SS	46° 21’ 54.6”	112° 18’ 16.0”
		99-BMS-107	SS	46° 21’ 55.2”	112° 18’ 15.0”
39S	Jack Creek below Bullion Mine tributary	97-BMS-122	Top 30 centimeters stream-bank sediment	46° 21’ 52.3”	112° 18’ 25.8”
		98-BMS-112	SS		
40S	Jack Creek below Bullion Mine tributary	96-BM-111	SS	46° 21’ 52.4”	112° 18’ 32.4”
		97-BMS-107GA	Sediment from beaver pond flooded by fluvial		

	tailings
98-BMS-111	SS
97-BMS-107GB	Impounded tailings in beaver pond

Table 1. Bed- and suspended-sediment sample localities, Boulder River watershed, Montana, 1996-99—(continued)

Site number (fig. 1)	Sample locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
40s	Jack Creek below Bullion Mine tributary	97-BMS-116	SS	46° 21’ 52.4”	112° 18’ 32.4”
43aS	Bullion Smelter tributary below Bullion Smelter	96-BM-113	SS	46° 21’ 22.3”	112° 18’ 58.4”
43bS	Bullion Smelter	96-BM-114	Composite fine-grained slag from smelter site	46° 21’ 23.0”	112° 18’ 57.7”
41S	Jack Creek below Bullion Smelter tributary	96-BM-112	SS	46° 21’ 24.9”	112° 19’ 09.9”
42S	Jack Creek above Basin Creek	96-BM-108	SS	46° 20’ 46.5”	112° 20’ 17.9”
CATARACT CREEK					
44S	Cataract Creek at Cataract Meadows	97-BMS-120	SS	46° 24’ 17.0”	112° 14’ 00.2”
45S	Rocker Creek above Cataract Creek	97-BMS-124	SS	46° 21’ 58.0”	112° 13’ 31.4”
46S	Cataract Creek between Hoodoo and Snowdrift Creeks	96-BM-120	SS	46° 21’ 18.7”	112° 13’ 07.9”
		97-BMS-121	SS		
		98-BMS-109	SS		
47S	Hoodoo Creek above Cataract Creek	97-BMS-126	SS	46° 20’ 52.5”	112° 12’ 40.2”
48S	Cataract Creek below Hoodoo Creek	96-BM-119	SS	46° 20’ 20.8”	112° 13’ 48.0”
49S	Cataract Creek above Uncle Sam Gulch	97-BMS-127	SS	46° 19’ 08.8”	112° 14’ 35.5”
50S	Cataract Creek below Uncle Sam Gulch	96-BM-117	SS	46° 19’ 01.9”	112° 14’ 44.7”
		97-BMS-136	SS		
		98-BMS-118	SS		
		NIM-8	Suspended sediment		
51S	Cataract Creek above Big Limber Gulch	96-BM-131	SS	46° 17’ 36.8”	112° 14’ 39.9”
52S	Big Limber Gulch above Cataract Creek	97-BMS-128	SS	46° 17’ 10.5”	112° 14’ 23.4”
53S	Cataract Creek above Boulder River	96-BM-106	SS	46° 16’ 16.7”	112° 14’ 28.0”
		97-BMS-113	SS		
		98-BMS-117	SS		
		NIM-3	Suspended sediment		

Table 1. Bed- and suspended-sediment sample localities, Boulder River watershed, Montana, 1996-99—(continued)

Site number (fig. 1)	Sample locality	Sample number	Sample type	Latitude (DMS)	Longitude (DMS)
UNCLE SAM GULCH					
54S	Uncle Sam Gulch above Crystal Mine	97-BMS-108s1	SS	46° 21’ 16.9”	112° 15’ 36.7”
55S	Uncle Sam Gulch below Crystal Mine	96-BM-116	SS	46° 20’ 37.7”	112° 15’ 37.3”
56S	Uncle Sam Gulch below Crystal Mine	97-BMS-134	SS	46° 20’ 02.8”	112° 15’ 47.9”
57S	Uncle Sam Gulch above Cataract Creek	96-BM-118	SS	46° 19’ 21.0”	112° 15’ 00.0”
		NIM-1	Suspended sediment	46° 19’ 04.0”	112° 14’ 43.8”
HIGH ORE CREEK					
58S	High Ore Creek above Comet Mine	98-BMS-115	SS	46° 19’ 42.1”	112° 09’ 40.0”
59S	High Ore Creek below Comet Mine	96-BM-101	SS	46° 18’ 34.0”	112° 10’ 27.7”
60S	High Ore Creek above Bishop Creek	96-BM-102	SS	46° 17’ 58.8”	112° 11’ 33.5”
		98-BMS-107	SS		
61S	High Ore Creek below Bishop Creek	96-BM-103	SS	46° 17’ 47.8”	112° 11’ 37.7”
62S	High Ore Creek below Peters Gulch	96-BM-104	SS	46° 17’ 01.0”	112° 12’ 03.3”
63S	High Ore Creek above Boulder River	96-BM-105A	SS	46° 15’ 51.8”	112° 12’ 09.7”
		96-BM-105B	Efflorescent salts and sediment on gravel point bar		
		97-BMS-118	SS		
		98-BMS-108	SS		
LITTLE BOULDER RIVER					
19S	Little Boulder River above North Fork	96-BM-140	SS	46° 11’ 29.8”	112° 09’ 28.8”
		97-BMS-110	SS		
		98-BMS-105	SS		