DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

CHEMICAL ANALYSES OF MINUS-200 MESH STREAM SEDIMENTS OF THE ANACONDA-PINTLAR WILDERNESS, BEAVERHEAD, DEER LODGE, GRANITE, AND RAVALLI COUNTIES, MONTANA

By

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This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards.

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STUDIES RELATED TO WILDERNESS

The Wilderness Act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey and the U.S. Bureau of Mines to survey certain areas on Federal lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical analyses of minus-200 mesh stream sediments survey of the Anaconda-Pintlar Wilderness in the Bitteroot National Forest, Beaverhead, Deer Lodge, Granite, and Ravalli Counties, Montana. Anaconda-Pintlar Wilderness was designated a primitive area in 1937 and a wilderness in 1962 by the U.S. Forest Service. In 1964 Congress and the President included the area in the National Wilderness Preservation System.

INTRODUCTION

The U.S. Forest Service established part of the Anaconda Range as the Anaconda-Pintlar Primitive Area on October 2, 1937, and reclassified the area in 1962 as the Anaconda-Pintlar Wilderness. It is now a unit of the National Wilderness Preservation System, established by the Wilderness Act of September 3, 1964. The area encompasses 159,086 acres, which span some 40 miles along the Continental Divide in Beaverhead, Deer Lodge, Granite, and Ravalli Counties, southwestern Montana.

A mineral-resource assessment of the study area by the U.S. Geological Survey was begun in June 1980. Two hundred and seventy-two stream-sediment samples were collected and analyzed. The samples were analyzed for 31 elements using semiquantitative emission spectrographic and wet-chemical techniques. Sample-site numbers, chemical analyses, and latitude and longitude of each sample are presented in this report. Samples were collected by D. R. Zimbelman and others, and were analyzed by D. F. Siems and Eric Welsch; data were entered into and retrieved from a computer storage system (RASS II) by D. R. Zimbelman.

SAMPLING AND ANALYTICAL PROCEDURES

Composite stream-sediment samples were collected from active first- and second-order drainages within and occasionally around the periphery of the Wilderness. Approximately 1 kg of sediment was sampled, air-dried, and then sieved through a 75-micron sieve. The coarse fraction was then discarded and the fines saved for analysis.

Each sample was analyzed semiquantitatively for 31 elements using a six-step, D.C. arc, optical-emission spectrographic method (Grimes and Marranzino, 1968), and additional wet-chemical analyses were obtained for zinc, arsenic, and antimony. Atomic-absorption spectrometric techniques were used to analyze for zinc (Ward and others, 1969) and antimony (Welsch and Chao, 1975), and a colorimetric technique was used to analyze for arsenic (Almond, 1953).

The semiquantitative spectrographic values are reported as one of six-steps per order of magnitude (1, 0.7, 0.5, 0.3, 0.2, 0.15, and multiples of 10 of these members) and are the approximate geometric midpoints of the concentration ranges. The precision of the method has been shown to be within one adjoining reporting interval on each side of the reported values 83 percent of the time and within two adjoining intervals on each side of the reported value 96 percent of the time (Motooka and Grimes, 1976).

The visual lower limits of determination for the 31 elements that were determined spectrographically are included in this report as follows:

For those given in percent:

Calcium	0.05
Iron	0.05
Magnesium	0.02
Titanium	0.002

For those given in parts per million:

Antimony	100	Molybdenum	5
Arsenic	200	Nickel	5
Barium	20	Niobium	20
Beryllium	1	Scandium	5
Bismuth	10	Silver	0.5
Boron	10	Strontium	100
Cadmium	20	Thorium	100
Chromium	10	Tin	10
Cobalt	5	Tungsten	50
Copper	5	Vanadium	10
Gold	10	Yttrium	10
Lanthanum	20	Zinc	200
Lead	10	Zirconium	10
Manganese	10		

The lower limits of determination for arsenic, antimony, and zinc determined by wet-chemical means are as follows:

Elements given in parts per million:

Antimony	1
Arsenic	10
Zinc	5

EXPLANATION OF TABLE 1

Iron, magnesium, calcium, and titanium are reported in percent (%); all other elements are reported in parts per million (ppm). Letters preceding the chemical symbol indicate the method of analysis: S, six-step semiquantitative emission spectrographic; AA, atomic absorption; CM, colorimetric. The letter P following the antimony and zinc analyses indicates partial digestion of the sample. Symbols represented in table 1 are: N, not detected; L, detected, but below the limit of reproducible determination for standards used; and, G, greater than value shown.

EXPLANATION OF FIGURE 1

Figure 1 is a map showing the area immediately surrounding the study area, including major roads, towns, prominent geographic features, as well as latitude and longitude ticks, coordinates, and a bar scale. Included is an insert map of the state with the area of study in dark.

REFERENCES CITED

Almond, H., 1953, Field method for determination of traces of arsenic in soils: Analytical Chemistry, v. 25, p. 1766-1767.

Grimes, D. J., and Marranzino, A. P., 1968, Direct current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.

Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

Ward, F. N., Nakagawa, H. M., Harms, T. F., and VanSickle, G. H., 1969, Atomic absorption methods of analysis useful in geochemical exploration: U.S. Geological Survey Bulletin 1289, p. 20-22.

Welsch, E. P., and Chao, T. T., 1975, Determination of trace amounts of antimony in geologic materials by atomic absorption spectrometry: Analytica Chimica Acta, v. 76, p. 65-69.

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SQ9101	46 1 37	113 20 12	3.0	1.5	.5	.50	500	.5	N	N	50	500	10.0
SQ9102	46 2 12	113 20 20	3.0	3.0	.7	.30	700	N	N	N	100	500	2.0
SQ9103	46 2 21	113 20 41	2.0	1.5	1.0	.50	500	N	N	N	70	500	2.0
SQ9105	46 3 15	113 21 50	2.0	3.0	2.0	.20	700	1.0	N	N	100	500	3.0
SQ9106	46 3 16	113 21 45	3.0	2.0	1.0	.20	500	N	N	N	100	700	7.0
SQ9107	46 3 26	113 21 52	1.5	.7	.7	.15	300	N	N	N	70	1,000	2.0
SQ9108	46 3 29	113 21 52	1.0	.7	1.5	.10	700	<.5	N	N	50	1,000	3.0
SQ9109	46 3 53	113 21 50	2.0	2.0	5.0	.20	500	N	N	N	100	500	1.5
SQ9110	46 4 42	113 21 48	3.0	3.0	3.0	.20	500	.5	N	N	100	700	5.0
SQ9111	46 5 8	113 21 49	3.0	2.0	2.0	.30	700	N	N	N	100	700	5.0
SQ9112	46 5 24	113 22 1	2.0	3.0	3.0	.20	500	N	N	N	70	700	2.0
OAE9113	45 57 47	113 26 18	2.0	2.0	1.0	.20	500	1.5	N	N	100	700	1.5
OAE9114	45 57 45	113 26 16	1.5	2.0	2.0	.15	500	N	N	N	100	300	1.5
OAE9115	45 57 48	113 26 11	2.0	2.0	5.0	.20	500	.5	N	N	70	500	2.0
OAE9116	45 57 3	113 25 8	2.0	1.5	1.5	.20	1,000	.5	N	N	50	500	2.0
OAE9117	45 56 37	113 25 18	2.0	2.0	2.0	.20	1,000	.5	N	N	70	500	2.0
OAE9118	45 56 4	113 25 17	3.0	2.0	1.5	.20	500	.5	N	N	70	700	1.5
OAE9119	45 55 34	113 24 42	2.0	2.0	1.5	.30	300	N	N	N	100	500	1.0
OAE9120	45 55 39	113 24 20	2.0	1.5	.7	.20	500	N	N	N	100	500	2.0
OAE9121	45 55 29	113 24 25	3.0	3.0	2.0	.20	1,000	N	N	N	70	500	2.0
OAE9122	45 54 30	113 22 43	1.5	.5	1.0	.10	300	N	N	N	30	200	2.0
OAE9123	45 54 11	113 22 19	3.0	2.0	1.5	.20	500	N	N	N	100	500	2.0
OAE9124	45 54 21	113 21 10	2.0	.7	1.0	.30	700	N	N	N	20	500	3.0
OAE9125	45 54 4	113 20 12	3.0	2.0	1.5	.30	500	N	N	N	100	700	2.0
OAE9126	45 54 4	113 20 12	2.0	2.0	1.5	.30	500	N	N	N	70	500	1.5
OAD9127	45 57 38	113 31 51	1.0	5.0	7.0	.05	500	N	N	N	50	150	1.0
OAD9128	45 57 37	113 31 56	3.0	2.0	1.0	.20	1,000	N	N	N	100	500	1.5
OAD9129	45 57 41	113 31 51	1.0	1.0	1.5	.10	200	N	N	N	50	300	1.5
OAD9130	45 58 10	113 32 16	2.0	1.5	1.0	.30	1,000	.5	N	N	100	700	2.0
OAD9131	45 58 13	113 32 12	3.0	2.0	2.0	.20	1,000	N	N	N	70	500	1.5
OAD9132	45 58 32	113 32 8	1.5	2.0	10.0	.15	300	N	N	N	50	300	1.0
OAD9133	45 58 37	113 32 12	1.5	.7	1.0	.20	300	2.0	N	N	70	500	1.5
OAD9134	45 58 46	113 32 2	2.0	2.0	5.0	.20	700	N	N	N	50	300	1.0
OAD9135	45 59 3	113 32 6	3.0	2.0	1.5	.20	700	N	N	N	70	700	1.5
OAD9136	45 59 35	113 31 47	2.0	1.0	1.0	.20	1,500	2.0	N	N	50	2,000	1.5
OAD9137	45 59 35	113 31 47	2.0	1.0	.7	.20	1,000	1.5	N	N	50	1,500	1.5
OAD9138	45 59 32	113 31 42	3.0	2.0	1.5	.20	700	.5	N	N	100	1,000	1.5
OBD9139	45 49 58	113 36 50	3.0	1.0	1.0	.30	700	N	N	N	10	700	2.0
OBD9140	45 49 57	113 36 45	3.0	1.0	1.0	.20	2,000	N	N	N	10	700	3.0
OBD9141	45 49 23	113 36 34	3.0	1.0	1.0	.30	1,000	N	N	N	10	700	2.0
OBD9142	45 49 20	113 36 28	3.0	1.0	1.5	.30	700	N	N	N	10	700	2.0
OBD9145	45 48 45	113 35 51	3.0	1.0	1.0	.30	1,000	N	N	N	15	500	3.0
OBD9146	45 48 13	113 34 57	3.0	1.0	1.5	.20	1,000	N	N	N	10	700	2.0
OAE9701	45 56 43	113 27 44	3.0	3.0	1.0	.20	700	N	N	N	100	300	1.5
OAE9702	45 55 53	113 27 11	2.0	2.0	1.0	.15	200	N	N	N	100	300	1.5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
SQ9101	N	N	15	50	50	70	10	N	20	30	N	7
SQ9102	N	N	15	50	30	50	N	N	30	20	N	7
SQ9103	N	N	10	30	30	30	<5	N	15	20	N	7
SQ9105	N	N	15	50	70	70	7	N	20	50	N	7
SQ9106	N	N	10	50	20	100	<5	N	20	20	N	7
SQ9107	N	N	7	20	20	20	N	N	10	15	N	5
SQ9108	N	N	5	15	20	20	N	N	10	15	N	5
SQ9109	N	N	10	50	20	30	N	N	20	20	N	7
SQ9110	N	N	10	50	30	50	10	N	20	30	N	7
SQ9111	N	N	15	50	50	70	N	N	20	30	N	10
SQ9112	N	N	10	70	20	50	N	N	20	20	N	7
OAE9113	N	N	10	30	15	70	<5	N	15	20	N	7
OAE9114	N	N	7	30	20	50	N	N	10	10	N	5
OAE9115	N	N	10	100	10	50	N	N	15	15	N	7
OAE9116	N	N	10	50	30	50	10	N	20	20	N	7
OAE9117	N	N	7	50	20	70	5	N	15	20	N	5
OAE9118	N	N	10	50	15	50	5	N	15	30	N	7
OAE9119	N	N	7	30	7	100	N	<20	15	20	N	10
OAE9120	N	N	15	50	50	30	N	N	15	15	N	10
OAE9121	N	N	10	50	20	50	N	N	15	30	N	7
OAE9122	N	N	5	10	20	50	10	N	5	10	N	5
OAE9123	N	N	10	30	20	70	N	N	10	15	N	7
OAE9124	N	N	7	50	30	50	N	N	15	20	N	10
OAE9125	N	N	15	50	20	70	N	N	15	20	N	10
OAE9126	N	N	10	50	15	50	N	N	15	15	N	10
OAD9127	N	N	7	30	50	<20	7	N	10	50	N	5
OAD9128	N	N	15	50	20	50	N	N	15	50	N	10
OAD9129	N	N	5	20	10	30	N	N	5	10	N	<5
OAD9130	N	N	10	70	30	70	N	N	20	20	N	7
OAD9131	N	N	15	70	50	50	N	N	20	20	N	7
OAD9132	N	N	5	30	15	<20	N	N	10	20	N	5
OAD9133	N	N	7	30	50	30	N	N	15	50	N	5
OAD9134	N	N	7	50	20	50	N	N	15	20	N	5
OAD9135	N	N	15	50	30	50	N	N	15	100	N	7
OAD9136	N	N	10	30	150	70	N	N	15	50	N	5
OAD9137	N	N	10	30	150	30	N	N	10	50	N	5
OAD9138	N	N	15	50	70	50	N	N	15	100	N	7
OBD9139	N	N	15	100	15	150	N	N	15	30	N	5
OBD9140	N	N	15	30	20	70	N	N	10	20	N	5
OBD9141	N	N	15	100	20	150	N	<20	15	20	N	7
OBD9142	N	N	10	50	15	200	N	<20	15	30	N	7
OBD9145	N	N	10	30	20	100	N	N	15	20	N	7
OBD9146	N	N	10	50	15	100	N	N	15	20	N	5
OAE9701	N	N	10	50	20	50	N	N	20	20	N	7
OAE9702	N	N	7	30	30	30	N	N	15	15	N	5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
SQ9101	N	100	70	N	50	N	200	N	85	1	10
SQ9102	N	<100	50	N	30	N	300	N	35	1	<10
SQ9103	N	150	70	N	20	N	200	N	50	<1	10
SQ9105	N	100	50	N	30	N	150	N	110	<1	20
SQ9106	N	<100	70	N	30	N	500	N	65	1	10
SQ9107	N	<100	30	N	20	N	100	N	45	<1	10
SQ9108	N	<100	20	N	20	N	50	N	35	2	<10
SQ9109	<10	100	70	N	20	N	100	N	55	<1	10
SQ9110	N	100	50	N	30	N	500	N	60	1	10
SQ9111	N	100	70	N	30	N	300	N	55	2	10
SQ9112	N	100	70	N	20	N	200	N	50	1	10
OAE9113	N	<100	50	N	30	N	300	N	100	<1	10
OAE9114	N	100	30	N	20	N	200	N	50	1	20
OAE9115	N	300	50	70	20	N	1,000	N	30	1	20
OAE9116	N	200	50	N	20	N	200	N	90	1	<10
OAE9117	<10	150	50	N	20	N	200	N	100	1	10
OAE9118	<10	150	50	N	20	N	500	N	70	2	10
OAE9119	N	150	50	N	50	N	>1,000	N	45	1	<10
OAE9120	N	100	50	N	20	N	300	N	50	1	<10
OAE9121	N	100	70	N	20	N	150	N	80	1	20
OAE9122	N	200	15	N	20	N	100	N	60	1	10
OAE9123	N	100	50	N	30	N	300	N	65	<1	<10
OAE9124	N	200	50	N	20	N	150	N	70	<1	10
OAE9125	N	100	50	N	50	N	500	N	50	<1	10
OAE9126	N	100	50	N	30	N	300	N	55	<1	<10
OAD9127	N	<100	30	N	15	N	50	N	75	1	<10
OAD9128	N	<100	50	N	30	<200	150	N	200	<1	<10
OAD9129	N	100	20	N	15	N	200	N	40	<1	<10
OAD9130	30	100	50	N	50	N	200	N	65	<1	20
OAD9131	N	<100	70	N	30	N	200	N	100	<1	<10
OAD9132	N	100	20	N	20	N	100	N	50	<1	<10
OAD9133	N	100	30	N	20	N	100	N	65	<1	20
OAD9134	N	100	50	N	20	N	150	N	50	<1	<10
OAD9135	N	<100	50	N	20	N	200	N	90	<1	40
OAD9136	N	<100	50	N	20	N	200	N	110	1	10
OAD9137	N	<100	30	N	20	N	200	N	120	2	20
OAD9138	N	<100	50	N	20	N	300	N	85	<1	10
OBD9139	N	200	50	N	20	N	200	N	50	N	10
OBD9140	N	500	50	N	20	N	200	N	70	<1	20
OBD9141	N	300	50	N	100	N	500	N	45	<1	<10
OBD9142	N	300	50	N	150	N	300	N	40	<1	10
OBD9145	N	300	50	N	20	N	300	N	55	<1	10
OBD9146	N	300	50	N	20	N	200	N	50	<1	<10
OAE9701	N	100	50	N	20	N	200	N	65	1	10
OAE9702	N	<100	30	N	20	N	150	N	65	1	<10

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OAE9703	45 55 47	113 26 50	3.0	2.0	1.0	.20	300	N	N	N	100	300	1.5
OAE9704	45 55 15	113 25 32	2.0	3.0	2.0	.20	700	N	N	N	100	300	2.0
OAE9705	45 54 57	113 24 59	3.0	5.0	3.0	.30	700	N	N	N	50	700	2.0
OAE9706	45 54 22	113 24 38	1.5	2.0	3.0	.15	500	N	N	N	20	500	2.0
OAE9708	45 53 32	113 24 17	3.0	2.0	3.0	.30	1,000	N	N	N	20	700	3.0
OAE9709	45 52 18	113 23 0	2.0	2.0	2.0	.30	500	N	N	N	30	700	5.0
OAE9710	45 58 15	113 23 0	3.0	2.0	2.0	.30	500	N	N	N	50	700	2.0
OAE9711	45 56 43	113 17 39	2.0	.7	1.0	.20	1,000	N	N	N	70	500	2.0
OAE9712	45 56 58	113 18 18	2.0	1.0	1.0	.20	700	N	N	N	50	500	2.0
OAE9713	45 57 12	113 19 13	2.0	.7	1.0	.20	500	N	N	N	70	500	2.0
OAE9714	45 57 32	113 20 54	3.0	1.0	.7	.20	1,000	<.5	N	N	50	300	2.0
OAE9715	45 56 45	113 21 17	2.0	1.0	.5	.20	200	N	N	N	200	300	3.0
OAE9716	45 56 37	113 21 10	3.0	1.0	1.0	.30	500	.7	N	N	50	700	5.0
OAE9717	45 56 7	113 20 54	1.5	.7	.5	.15	500	N	N	N	70	300	2.0
OAE9718	45 56 8	113 20 50	3.0	3.0	.7	.20	700	N	N	N	100	500	1.5
OAE9719	45 55 40	113 20 25	2.0	.5	.5	.15	300	N	N	N	100	300	2.0
OAE9720	45 55 44	113 19 45	2.0	1.0	1.0	.30	500	N	N	N	50	700	2.0
SQ9201	46 0 26	113 18 7	2.0	1.0	.5	.20	700	N	N	N	70	500	3.0
SQ9202	46 0 21	113 18 7	3.0	1.0	.7	.20	1,000	1.0	N	N	20	500	5.0
SQ9203	46 0 24	113 17 28	2.0	1.5	.7	.30	700	N	N	N	70	700	3.0
SQ9204	46 0 5	113 15 3	2.0	1.5	.7	.20	700	N	N	N	70	500	5.0
OA9205	45 59 43	113 15 25	2.0	1.0	1.0	.20	700	<.5	N	N	70	500	10.0
OA9206	45 58 24	113 14 53	1.5	1.0	.7	.20	700	N	N	N	100	300	5.0
OA9207	45 57 57	113 15 10	3.0	.7	1.0	.20	1,500	N	N	N	50	300	7.0
OAD9208	45 56 24	113 35 29	2.0	1.0	.5	.30	1,000	N	N	N	70	1,000	2.0
OAD9209	45 55 47	113 35 41	3.0	2.0	1.0	.30	1,000	N	N	N	50	2,000	2.0
OAD9210	45 55 36	113 35 53	2.0	1.5	1.0	.30	700	N	N	N	70	1,000	1.5
OAD9211	45 55 10	113 35 40	2.0	1.5	1.5	.30	1,000	1.0	N	N	50	1,500	2.0
OAD9212	45 54 43	113 35 52	1.5	1.5	1.0	.15	500	N	N	N	50	500	2.0
OAD9213	45 54 53	113 36 5	1.5	1.0	1.0	.15	700	<.5	N	N	20	1,000	2.0
OAD9214	45 54 43	113 36 42	1.5	1.0	1.0	.15	500	N	N	N	30	500	3.0
OAD9215	45 54 25	113 37 25	3.0	2.0	1.5	.20	700	N	N	N	50	700	2.0
OAD9216	45 54 25	113 37 25	2.0	1.5	1.5	.15	500	N	N	N	10	300	5.0
OAE9218	45 57 27	113 29 20	3.0	3.0	1.0	.20	500	N	N	N	200	500	1.5
OAD9219	45 57 59	113 30 2	2.0	1.5	1.0	.20	1,000	N	N	N	100	500	1.5
OAD9220	45 57 53	113 30 0	3.0	2.0	1.0	.30	700	N	N	N	150	700	1.5
OAE9221	45 58 12	113 29 31	3.0	2.0	.7	.20	700	N	N	N	150	500	2.0
OAE9222	45 58 28	113 29 50	2.0	1.5	1.0	.20	1,500	N	N	N	100	500	2.0
OAE9224	45 58 50	113 29 23	2.0	1.5	1.0	.20	1,000	N	N	N	100	500	2.0
OAE9225	45 59 4	113 29 51	2.0	3.0	2.0	.20	1,000	N	N	N	100	500	1.5
OAD9227	45 59 46	113 30 38	1.5	2.0	2.0	.15	300	<.5	N	N	100	300	1.5
OAD9228	45 59 46	113 30 38	1.5	2.0	2.0	.20	200	.5	N	N	100	500	1.5
OBC9229	45 49 18	113 42 56	1.5	1.0	1.5	.30	500	N	N	N	20	500	2.0
OBC9230	45 49 31	113 42 41	3.0	1.5	1.0	.50	1,000	N	N	N	15	700	2.0
OBC9231	45 49 32	113 42 10	1.5	.7	1.0	.20	500	N	N	N	15	500	2.0

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
OAE9703	N	N	10	30	30	50	N	N	10	20	N	5
OAE9704	N	N	10	30	20	70	N	N	15	20	N	5
OAE9705	N	N	15	50	20	70	N	<20	15	20	N	7
OAE9706	N	N	7	50	30	70	N	N	7	15	N	5
OAE9708	N	N	10	50	20	150	N	<20	15	30	N	5
OAE9709	N	N	10	50	20	100	N	<20	15	20	N	7
OAE9710	N	N	10	50	20	100	N	N	15	20	N	7
OAE9711	N	N	7	30	15	100	5	N	10	20	N	5
OAE9712	N	N	10	30	30	50	5	N	15	20	N	5
OAE9713	N	N	10	30	15	100	5	N	10	20	N	5
OAE9714	N	N	15	50	20	100	5	N	15	30	N	7
OAE9715	N	N	7	30	5	70	N	<20	7	20	N	5
OAE9716	N	N	15	70	30	70	20	<20	20	20	N	5
OAE9717	N	N	10	20	15	70	N	N	5	20	N	5
OAE9718	N	N	10	50	20	50	N	N	15	20	N	5
OAE9719	N	N	5	15	7	100	N	N	<5	10	N	<5
OAE9720	N	N	7	50	15	150	N	<20	10	20	N	5
SQ9201	N	N	10	30	20	30	7	N	10	30	N	5
SQ9202	N	N	10	30	20	100	15	N	10	50	N	5
SQ9203	N	N	10	50	20	50	<5	N	15	20	N	7
SQ9204	N	N	10	50	20	50	15	N	15	20	N	7
OAD9205	N	N	10	30	20	50	15	N	15	15	N	7
OAD9206	N	N	10	20	15	50	N	N	10	20	N	5
OAD9207	N	N	20	30	30	70	7	N	30	20	N	7
OAD9208	N	N	10	50	15	30	5	N	10	15	N	7
OAD9209	N	N	15	100	30	50	N	N	50	20	N	10
OAD9210	N	N	10	70	10	70	N	N	15	20	N	7
OAD9211	N	N	10	50	30	50	N	N	15	20	N	7
OAD9212	N	N	7	30	15	30	N	N	15	10	N	5
OAD9213	N	N	7	20	20	20	N	N	10	15	N	7
OAD9214	N	N	7	30	15	100	N	N	10	15	N	5
OAD9215	N	N	10	50	15	70	N	N	15	15	N	10
OAD9216	N	N	5	30	20	50	N	N	15	15	N	7
OAE9218	N	N	10	50	20	30	N	N	15	15	N	7
OAD9219	N	N	10	70	30	30	N	N	30	20	N	5
OAD9220	N	N	15	70	20	50	N	N	20	20	N	10
OAE9221	N	N	10	50	20	30	N	<20	15	30	N	7
OAE9222	N	N	10	50	20	50	N	N	20	20	N	7
OAE9224	N	N	10	70	20	30	N	N	20	30	N	10
OAE9225	N	N	10	50	15	50	N	N	15	50	N	7
OAD9227	N	N	5	50	10	70	N	N	10	15	N	5
OAD9228	N	N	5	50	7	20	N	N	10	15	N	5
OBC9229	N	N	7	30	15	50	N	N	10	15	N	5
OBC9230	N	N	10	30	10	50	N	20	10	30	N	7
OBC9231	N	N	7	20	10	50	N	N	7	15	N	5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
OAE9703	N	100	50	N	30	N	150	N	55	<1	<10
OAE9704	N	<100	50	N	20	N	200	N	60	<1	10
OAE9705	N	100	70	N	20	N	300	N	45	N	20
OAE9706	N	150	50	N	50	N	70	N	30	<1	<10
OAE9708	N	150	50	N	30	N	150	N	70	<1	<10
OAE9709	N	150	50	N	30	N	500	N	30	<1	<10
OAE9710	N	150	50	N	30	N	300	N	35	N	<10
OAE9711	N	200	30	N	20	N	300	N	45	<1	<10
OAE9712	N	200	50	N	20	N	200	N	75	<1	10
OAE9713	N	150	50	N	20	N	300	N	55	<1	<10
OAE9714	N	100	50	N	20	N	300	N	90	N	<10
OAE9715	N	100	50	N	20	N	200	N	35	<1	<10
OAE9716	N	150	50	N	30	N	200	N	120	<1	<10
OAE9717	N	150	30	N	20	N	150	N	60	<1	10
OAE9718	<10	N	50	N	15	N	150	N	60	<1	10
OAE9719	N	200	20	N	20	N	200	N	50	<1	10
OAE9720	N	500	50	N	20	N	300	N	50	<1	<10
SQ9201	N	<100	50	N	20	N	300	N	80	<1	20
SQ9202	N	150	50	N	20	N	200	N	110	<1	20
SQ9203	N	100	70	N	30	N	150	N	60	<1	20
SQ9204	N	100	70	N	20	N	500	N	90	<1	20
OA9205	N	150	70	N	20	N	300	N	100	<1	10
OA9206	N	150	50	N	30	N	200	N	110	<1	20
OA9207	N	100	70	N	20	N	150	N	170	<1	20
OAD9208	N	<100	70	N	30	N	700	N	40	<1	10
OAD9209	N	100	70	N	20	N	300	N	55	<1	<10
OAD9210	N	150	70	N	20	N	500	N	60	<1	<10
OAD9211	N	100	70	N	30	N	300	N	45	N	<10
OAD9212	N	100	50	N	15	N	200	N	65	<1	<10
OAD9213	N	100	50	N	15	N	150	N	60	<1	<10
OAD9214	N	100	50	N	30	N	500	N	45	N	<10
OAD9215	N	200	70	N	20	N	500	N	70	<1	<10
OAD9216	N	100	50	N	20	N	100	N	110	<1	<10
OAE9218	N	<100	50	N	20	N	200	N	75	<1	<10
OAD9219	N	<100	50	N	20	N	200	N	130	<1	<10
OAD9220	N	<100	70	N	20	N	200	N	100	<1	<10
OAE9221	N	<100	50	N	20	N	150	N	70	1	10
OAE9222	N	<100	50	N	20	N	150	N	130	<1	<10
OAE9224	N	150	50	N	20	N	100	N	100	<1	10
OAE9225	N	100	50	N	20	N	200	N	60	<1	<10
OAD9227	N	100	30	N	15	N	150	N	60	N	<10
OAD9228	N	100	30	N	10	N	200	N	45	<1	<10
OBC9229	N	200	50	N	20	N	700	N	70	<1	10
OBC9230	N	200	70	N	20	N	500	N	110	<1	<10
OBC9231	N	200	50	N	15	N	500	N	100	<1	<10

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OBC9232	45 49 18	113 41 8	2.0	1.0	1.5	.30	500	N	N	N	15	700	2.0
OBC9233	45 49 15	113 41 9	2.0	1.5	1.0	.30	500	N	N	N	15	700	2.0
OBC9234	45 49 12	113 41 5	1.5	.7	1.0	.20	700	N	N	N	10	500	2.0
OBC9235	45 48 33	113 38 57	3.0	1.0	1.0	.30	700	N	N	N	20	700	2.0
OBC9236	45 48 34	113 38 7	2.0	1.0	1.0	.20	700	N	N	N	20	700	3.0
OBC9237	45 48 36	113 38 1	2.0	1.0	1.0	.20	700	N	N	N	15	700	2.0
OBC9238	45 49 0	113 38 0	3.0	1.0	1.5	.30	700	N	N	N	15	700	2.0
OBC9239	45 49 0	113 38 0	1.5	.7	1.0	.20	700	N	N	N	10	500	2.0
OBC9240	45 49 41	113 37 52	3.0	1.0	1.0	.20	1,000	N	N	N	15	700	2.0
OAD9241	45 54 3	113 31 0	1.0	1.0	1.0	.15	700	N	N	N	10	300	2.0
OAD9242	45 54 3	113 31 6	1.5	1.0	1.0	.15	700	N	N	N	10	500	3.0
OAD9343	45 53 18	113 30 28	1.5	1.0	1.0	.20	1,000	N	N	N	15	500	3.0
OAE9344	45 53 8	113 29 47	1.0	.7	1.0	.15	700	N	N	N	10	300	5.0
OAE9245	45 53 11	113 29 30	2.0	2.0	1.5	.30	1,000	N	N	N	20	700	2.0
OAE9073	45 54 15	113 26 34	2.0	.7	1.0	.30	700	N	N	N	10	700	2.0
OAE9074	45 53 59	113 26 10	3.0	1.0	1.5	.20	1,000	N	N	N	10	700	5.0
OAE9075	45 53 47	113 25 29	3.0	1.5	2.0	.20	1,000	.5	N	N	10	700	10.0
OAE9076	45 53 37	113 25 23	2.0	.7	1.0	.20	1,000	.7	N	N	15	700	5.0
OAE9077	45 53 35	113 25 20	2.0	1.0	1.0	.30	700	N	N	N	10	1,000	2.0
OAE9078	45 52 54	113 25 30	2.0	1.5	2.0	.20	700	N	N	N	15	500	7.0
OBD9143	45 48 43	113 35 55	2.0	.7	1.0	.20	1,000	N	N	N	10	700	3.0
OBD9144	45 48 45	113 35 51	3.0	.7	1.5	.30	1,000	N	N	N	10	700	5.0
OBD9147	45 48 45	113 35 51	2.0	.7	1.5	.30	500	N	N	N	10	700	5.0
OAE9223	45 58 31	113 29 58	2.0	3.0	5.0	.20	1,000	N	N	N	70	500	3.0
OAE9346	45 48 13	113 34 57	2.0	1.0	1.5	.20	700	N	N	N	10	700	7.0
OAE9348	45 52 50	113 28 10	2.0	1.0	1.5	.20	1,000	<.5	N	N	15	700	5.0
OBC9349	45 50 42	113 39 18	5.0	.7	1.0	.20	2,000	N	N	N	20	700	5.0
OBC9349	45 50 42	113 39 18	3.0	1.5	1.0	.20	1,500	N	N	N	10	1,000	7.0
OBC9350	45 50 53	113 39 10	2.0	1.0	1.0	.20	1,000	N	N	N	10	1,000	3.0
OBC9351	45 50 53	113 39 10	3.0	1.0	1.5	.30	1,000	N	N	N	10	1,000	2.0
OBC9352	45 51 19	113 39 55	1.0	.5	1.5	.15	1,000	N	N	N	<10	300	3.0
OBC9353	45 51 20	113 39 51	3.0	1.0	1.5	.30	1,000	N	N	N	10	1,000	2.0
OBC9354	45 54 0	113 40 37	5.0	2.0	2.0	.30	1,000	N	N	N	20	1,000	1.5
OAC9355	45 54 16	113 40 10	3.0	1.5	2.0	.20	500	N	N	N	70	700	1.5
OAC9401	45 57 16	113 37 33	2.0	1.0	1.0	.15	1,000	N	N	N	100	1,000	2.0
OAC9402	45 57 8	113 37 42	2.0	1.0	.5	.30	700	N	N	N	70	700	2.0
OAC9403	45 56 43	113 38 4	3.0	1.5	.3	.30	300	<.5	N	N	100	1,000	1.5
OAC9404	45 56 3	113 38 13	2.0	1.5	2.0	.30	1,000	N	N	N	150	1,000	1.0
OAC9405	45 55 27	113 38 40	2.0	1.0	1.0	.20	500	N	N	N	100	1,000	1.0
OAC9406	45 55 26	113 38 45	3.0	1.5	1.0	.50	700	N	N	N	30	1,000	1.5
OAC9407	45 55 4	113 38 34	3.0	.7	1.0	.30	1,000	N	N	N	100	1,500	1.5
OAC9408	45 54 23	113 38 40	2.0	1.0	1.0	.20	700	N	N	N	70	1,000	1.5
OAE9409	45 55 40	113 29 35	2.0	1.0	1.0	.20	1,000	N	N	N	20	700	3.0
OAE9410	45 55 48	113 29 30	2.0	3.0	2.0	.15	700	N	N	N	100	300	2.0
OAE9411	45 55 15	113 29 11	2.0	1.0	1.5	.20	700	N	N	N	20	700	2.0

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
OBC9232	N	N	7	50	10	200	N	N	15	20	N	5
OBC9233	N	N	10	70	10	70	N	N	30	20	N	5
OBC9234	N	N	7	20	15	100	N	N	10	20	N	5
OBC9235	N	N	15	30	15	100	7	N	15	30	N	7
OBC9236	N	N	7	50	10	100	N	N	15	20	N	5
OBC9237	N	N	7	30	10	100	N	N	10	20	N	5
OBC9238	N	N	10	70	10	100	N	N	20	20	N	7
OBC9239	N	N	7	50	7	100	N	N	15	15	N	5
OBC9240	N	N	7	50	10	150	N	N	20	20	N	5
OAD9241	N	N	5	15	15	30	N	N	10	20	N	5
OAD9242	N	N	7	30	10	100	N	N	15	20	N	5
OAD9343	N	N	7	20	10	30	N	N	15	15	N	5
OAE9344	N	N	5	20	15	50	N	N	10	15	N	5
OAE9245	N	N	7	30	20	100	10	<20	15	20	N	7
OAE9073	N	N	5	10	5	100	N	<20	7	20	N	5
OAE9074	N	N	5	10	20	70	N	<20	7	30	N	5
OAE9075	N	N	5	30	20	100	N	<20	10	20	N	7
OAE9076	N	N	7	20	15	100	7	N	10	30	N	5
OAE9077	N	N	5	15	5	150	N	<20	10	20	N	5
OAE9078	N	N	5	50	15	50	N	N	15	15	N	7
OBD9143	N	N	7	30	15	70	N	N	15	20	N	5
OBD9144	N	N	7	30	20	100	N	N	15	20	N	5
OBD9147	N	N	7	30	10	200	N	<20	10	20	N	7
OAE9223	N	N	10	50	30	50	N	N	20	30	N	7
OAE9346	N	N	5	20	15	100	<5	N	15	20	N	5
OAE9348	N	N	10	30	20	70	5	N	15	30	N	5
OBC9349	N	N	15	20	20	100	N	N	10	20	N	5
OBC9349	N	N	7	20	30	100	N	<20	10	50	N	5
OBC9350	N	N	5	30	10	70	N	<20	10	30	N	5
OBC9351	N	N	5	20	5	70	N	N	15	20	N	5
OBC9352	N	N	<5	15	10	50	N	N	10	20	N	5
OBC9353	N	N	5	30	5	100	N	<20	15	20	N	5
OBC9354	N	N	10	30	20	100	N	N	20	50	N	5
OAC9355	N	N	7	50	15	50	N	N	15	50	N	7
OAC9401	N	N	5	30	5	70	N	N	10	15	N	5
OAC9402	N	N	7	50	15	30	N	N	15	15	N	5
OAC9403	N	N	5	50	5	50	N	N	15	15	N	7
OAC9404	N	N	5	50	15	70	N	N	10	15	N	5
OAC9405	N	N	<5	20	5	50	N	N	10	15	N	<5
OAC9406	N	N	15	70	30	200	N	<20	30	20	N	10
OAC9407	N	N	7	50	10	200	N	<20	10	15	N	5
OAC9408	N	N	5	30	15	50	N	N	10	15	N	5
OAE9409	N	N	7	50	20	50	N	N	20	20	N	5
OAE9410	N	N	5	30	20	30	N	N	10	20	N	5
OAE9411	N	N	5	50	15	70	N	N	20	20	N	5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
OBC9232	N	300	50	N	50	N	300	N	55	<1	<10
OBC9233	N	300	50	N	20	N	300	N	100	<1	<10
OBC9234	N	200	30	N	50	N	100	N	85	<1	10
OBC9235	N	300	70	N	50	N	300	N	55	<1	<10
OBC9236	N	200	50	N	100	N	300	N	50	N	<10
OBC9237	N	300	30	N	30	N	200	N	55	<1	10
OBC9238	N	300	70	N	20	N	150	N	50	N	<10
OBC9239	N	200	50	N	20	N	200	N	50	N	10
OBC9240	N	300	50	N	30	N	200	N	80	<1	<10
OAD9241	N	150	30	N	10	N	150	N	100	N	10
OAD9242	N	200	30	N	10	N	70	N	100	<1	10
OAD9343	N	200	50	N	15	N	100	N	90	<1	10
OAE9344	N	200	30	N	20	N	100	N	60	<1	<10
OAE9245	<10	300	50	<50	50	N	150	N	75	<1	<10
OAE9073	N	500	70	N	50	N	150	N	55	N	<10
OAE9074	N	500	100	N	20	N	150	N	75	N	<10
OAE9075	N	500	100	N	30	N	200	N	40	N	<10
OAE9076	N	300	70	<50	30	N	200	N	40	N	10
OAE9077	N	300	70	N	20	N	300	N	45	N	<10
OAE9078	N	200	70	N	30	N	100	N	55	N	<10
OBD9143	N	500	100	N	30	N	300	N	55	N	10
OBD9144	N	300	100	N	50	N	200	N	60	<1	20
OBD9147	N	300	100	N	50	N	500	N	50	N	10
OAE9223	N	100	100	N	30	N	70	N	75	<1	10
OAE9346	N	500	100	N	15	N	200	N	65	N	10
OAE9348	N	500	100	N	20	N	200	N	70	N	20
OBC9349	N	300	100	N	30	N	200	N	60	N	40
OBC9349	N	300	100	N	30	N	200	N	80	N	10
OBC9350	N	500	70	N	20	N	150	N	85	N	10
OBC9351	N	500	100	N	30	N	200	N	60	N	<10
OBC9352	N	300	50	N	20	N	100	N	100	N	10
OBC9353	N	500	100	N	30	N	150	N	70	N	<10
OBC9354	N	500	100	N	70	N	300	N	90	N	<10
OAC9355	N	200	100	N	20	N	500	N	60	N	<10
OAC9401	N	100	50	N	30	N	300	N	30	<1	10
OAC9402	N	<100	70	N	20	N	500	N	40	N	<10
OAC9403	N	<100	70	N	20	N	500	N	30	N	<10
OAC9404	N	100	70	N	30	N	700	N	30	N	<10
OAC9405	N	100	70	N	20	N	700	N	20	N	<10
OAC9406	N	150	100	N	100	N	1,000	N	50	N	<10
OAC9407	N	150	100	N	70	N	>1,000	N	30	N	<10
OAC9408	N	200	70	N	50	N	500	N	35	N	<10
OAE9409	N	300	70	N	15	N	100	N	65	N	<10
OAE9410	N	<100	50	N	15	N	100	N	100	N	<10
OAE9411	N	300	50	N	15	N	150	N	50	N	<10

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OAE9412	45 55 8	113 29 13	2.0	1.0	1.0	.20	700	N	N	N	30	700	3.0
OAE9413	45 54 48	113 29 11	1.0	.7	1.5	.15	500	N	N	N	<10	500	5.0
OAE9414	45 54 4	113 28 29	2.0	2.0	1.5	.20	500	N	N	N	100	500	1.5
OAE9415	45 54 0	113 28 13	2.0	.7	1.0	.30	700	N	N	N	15	700	2.0
OAE9416	45 53 32	113 27 53	2.0	.7	.7	.20	700	N	N	N	10	700	3.0
OAE9417	45 53 2	113 27 53	2.0	2.0	1.0	.20	500	N	N	N	100	500	2.0
OAE9418	45 53 2	113 27 53	2.0	2.0	1.5	.20	300	N	N	N	100	500	2.0
OAC9419	45 53 28	113 39 32	5.0	1.0	1.0	.50	1,000	N	N	N	20	700	2.0
OAC9420	45 54 23	113 40 28	2.0	.7	.7	.20	500	N	N	N	20	700	2.0
OAC9421	45 54 33	113 41 30	3.0	1.0	1.0	.50	500	N	N	N	50	1,000	1.0
OAC9422	45 54 32	113 42 16	5.0	1.0	2.0	.50	700	N	N	N	20	500	1.5
OAC9423	45 54 24	113 42 12	3.0	1.5	2.0	.50	500	N	N	N	30	1,000	1.5
OAC9424	45 54 24	113 42 12	3.0	1.0	2.0	.30	500	N	N	N	50	1,000	1.5
OAC9425	45 54 26	113 42 25	3.0	.7	1.5	.30	500	N	N	N	15	700	1.5
OBD9451	45 51 10	113 31 23	.7	.3	.5	.10	500	N	N	N	<10	300	5.0
OBD9452	45 51 14	113 31 23	2.0	1.0	1.5	.30	500	N	N	N	10	700	3.0
OBD9453	45 51 30	113 31 30	2.0	1.0	1.0	.20	1,500	N	N	N	10	700	5.0
OBD9454	45 51 40	113 31 50	2.0	.7	1.5	.20	1,000	N	N	N	15	700	5.0
OBD9455	45 50 18	113 33 3	2.0	.3	.7	.10	1,000	N	N	N	<10	300	3.0
OBD9456	45 49 45	113 32 43	3.0	1.5	1.5	.30	1,000	N	N	N	<10	700	3.0
OBC9457	45 51 28	113 42 23	2.0	.7	1.0	.20	700	N	N	N	<10	500	3.0
OBC9458	45 51 36	113 42 15	1.0	.5	1.5	.15	700	N	N	N	<10	500	5.0
OBC9459	45 52 7	113 42 1	1.0	.5	2.0	.15	500	.5	N	N	<10	500	3.0
OBC9460	45 52 17	113 41 56	3.0	1.5	1.0	.50	700	N	N	N	20	1,000	3.0
OAC9461	45 53 50	113 41 56	2.0	1.0	1.5	.30	700	.5	N	N	15	1,000	1.5
OAC9462	45 54 8	113 41 42	5.0	1.0	1.5	.50	700	N	N	N	20	1,000	1.5
OAC9463	45 54 16	113 41 38	1.0	.5	1.0	.20	500	N	N	N	10	500	2.0
OBC9464	45 49 23	113 44 12	2.0	1.0	1.0	.20	1,000	N	N	N	10	500	3.0
OBC9465	45 49 31	113 44 28	1.0	.5	1.0	.15	500	.5	N	N	<10	300	5.0
OBC9466	45 49 59	113 44 41	1.0	.5	1.5	.15	500	.5	N	N	<10	300	5.0
OBC9467	45 49 46	113 44 47	1.0	.7	1.0	.20	700	N	N	N	10	500	3.0
OBB9468	45 50 33	113 42 17	1.0	.5	1.5	.20	500	.7	N	N	10	500	5.0
OBB9469	45 51 0	113 45 45	1.0	.5	1.5	.15	500	.7	N	N	10	500	3.0
OBB9471	45 52 24	113 45 10	1.5	.5	1.5	.20	500	.5	N	N	<10	700	1.5
OBB9472	45 52 24	113 45 10	2.0	.7	1.5	.30	500	<.5	N	N	10	700	1.5
SQ9501	46 0 38	113 15 6	3.0	1.0	1.0	.15	1,000	N	N	N	20	700	2.0
SQ9502	46 0 43	113 15 5	2.0	.7	.5	.15	700	N	N	N	15	500	3.0
OAG9503	45 59 57	113 14 22	2.0	1.0	.5	.15	1,000	N	N	N	30	700	2.0
OAG9504	45 58 30	113 13 40	1.0	.3	.7	.15	1,000	N	N	N	<10	300	7.0
OAG9505	45 58 36	113 13 35	2.0	.5	.7	.20	700	N	N	N	20	500	5.0
OAG9507	45 57 48	113 12 46	2.0	.7	1.0	.20	700	<.5	N	N	20	700	7.0
OAG9508	45 57 27	113 12 22	3.0	.7	.5	.20	1,000	N	N	N	30	500	5.0
OAG9509	45 56 50	113 12 25	1.5	.5	.7	.50	300	N	N	N	20	500	5.0
OAD9510	45 56 25	113 31 58	1.5	2.0	.7	.10	300	N	N	N	100	300	1.0
OAD9511	45 56 13	113 32 55	2.0	3.0	.7	.15	700	N	N	N	100	700	1.5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
OAE9412	N	N	5	50	15	100	N	N	15	20	N	5
OAE9413	N	N	<5	30	10	70	N	N	10	20	N	5
OAE9414	N	N	5	30	10	70	N	N	10	15	N	5
OAE9415	N	N	5	15	10	150	N	N	7	20	N	<5
OAE9416	N	N	<5	10	30	150	N	N	5	20	N	5
OAE9417	N	N	5	20	15	50	N	N	10	15	N	5
OAE9418	N	N	5	30	20	70	N	N	10	10	N	5
OAC9419	N	N	10	50	20	200	N	<20	20	15	N	10
OAC9420	N	N	5	30	100	100	N	N	15	15	N	5
OAC9421	N	N	5	50	5	200	N	20	10	20	N	7
OAC9422	N	N	10	50	10	100	N	N	10	10	N	10
OAC9423	N	N	7	30	7	150	N	30	10	15	N	10
OAC9424	N	N	5	50	<5	100	N	<20	10	10	N	7
OAC9425	N	N	5	20	10	70	N	20	10	10	N	10
OBD9451	N	N	<5	N	<5	100	N	N	5	<10	N	<5
OBD9452	N	N	7	50	7	100	N	N	15	20	N	5
OBD9453	N	N	5	15	50	100	N	N	10	20	N	5
OBD9454	N	N	<5	15	20	150	N	N	7	20	N	<5
OBD9455	N	N	5	10	15	30	N	N	5	10	N	<5
OBD9456	N	N	7	30	20	150	N	N	15	20	N	5
OBC9457	N	N	7	70	20	20	N	<20	50	15	N	5
OBC9458	N	N	<5	20	15	50	N	N	7	10	N	5
OBC9459	N	N	<5	20	15	50	N	N	5	10	N	5
OBC9460	N	N	10	50	10	70	N	N	30	20	N	5
OAC9461	N	N	10	50	15	70	N	20	15	15	N	7
OAC9462	N	N	10	50	20	70	N	<20	15	10	N	7
OAC9463	N	N	5	30	10	70	N	<20	7	10	N	<5
OBC9464	N	N	5	20	20	30	N	N	10	20	N	5
OBC9465	N	N	<5	10	20	30	N	N	5	20	N	5
OBC9466	N	N	<5	15	30	100	N	N	5	15	N	5
OBC9467	N	N	<5	20	10	70	N	N	10	10	N	5
OBB9468	N	N	<5	10	20	100	N	N	7	10	N	5
OBB9469	N	N	<5	10	15	70	N	N	5	10	N	5
OBB9471	N	N	5	20	15	70	N	N	7	10	N	5
OBB9472	N	N	5	15	10	100	N	N	10	15	N	5
SQ9501	N	N	7	15	20	50	5	N	10	20	N	5
SQ9502	N	N	5	50	5	30	<5	N	30	15	N	<5
OAG9503	N	N	5	30	50	100	7	N	15	50	N	<5
OAG9504	N	N	<5	10	50	150	5	N	7	20	N	5
OAG9505	N	N	5	15	30	70	7	N	5	20	N	5
OAG9507	N	N	5	20	30	70	7	N	7	20	N	5
OAG9508	N	N	10	20	50	100	N	N	15	20	N	7
OAG9509	N	N	5	20	20	100	N	<20	5	15	N	5
OAD9510	N	N	5	15	7	30	N	N	5	10	N	5
OAD9511	N	N	7	20	20	30	N	N	10	20	N	5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
OAE9412	N	300	70	N	15	N	100	N	50	N	<10
OAE9413	N	300	50	N	20	N	70	N	50	N	10
OAE9414	N	100	50	N	15	N	300	N	70	N	<10
OAE9415	N	500	70	N	20	N	200	N	50	N	<10
OAE9416	N	200	30	N	20	N	150	N	60	N	<10
OAE9417	N	150	50	N	20	N	150	N	70	N	<10
OAE9418	N	150	50	N	15	N	200	N	85	N	<10
OAC9419	N	150	100	N	100	N	>1,000	N	40	N	<10
OAC9420	N	150	70	N	100	N	700	N	50	N	10
OAC9421	N	200	150	N	100	N	1,000	N	20	N	<10
OAC9422	N	200	150	N	50	N	>1,000	N	65	N	<10
OAC9423	N	200	150	N	50	N	>1,000	N	40	N	<10
OAC9424	N	200	100	N	50	N	>1,000	N	20	N	<10
OAC9425	N	150	100	N	20	N	1,000	N	60	N	<10
OBD9451	N	200	20	N	10	N	70	N	60	N	10
OBD9452	N	300	70	N	70	N	300	N	40	N	<10
OBD9453	N	300	70	N	50	N	150	N	65	N	10
OBD9454	N	500	70	N	20	N	200	N	60	N	10
OBD9455	N	200	50	N	15	N	200	N	80	N	20
OBD9456	N	500	100	N	20	N	300	N	60	N	<10
OBC9457	N	150	70	N	15	N	300	N	100	N	<10
OBC9458	N	150	50	N	20	N	150	N	75	N	<10
OBC9459	N	150	50	N	20	N	200	N	70	N	<10
OBC9460	N	200	100	N	15	N	300	N	80	N	<10
OAC9461	N	200	100	N	20	N	500	N	60	N	<10
OAC9462	N	300	150	N	30	N	>1,000	N	55	N	<10
OAC9463	N	150	70	N	15	N	1,000	N	65	1	<10
OBC9464	N	150	70	N	20	N	150	N	95	N	<10
OBC9465	N	150	50	N	15	N	70	N	150	N	<10
OBC9466	N	150	30	N	20	N	100	N	160	N	<10
OBC9467	N	150	50	N	20	N	150	N	120	N	<10
OBB9468	N	200	50	N	50	N	300	N	110	N	<10
OBB9469	N	200	30	N	20	N	300	N	90	N	<10
OBB9471	N	300	100	N	20	N	500	N	60	N	<10
OBB9472	N	300	100	N	30	N	1,000	N	50	N	<10
SQ9501	N	300	100	N	15	N	200	N	110	N	20
SQ9502	N	500	50	N	10	N	150	N	100	N	10
OAG9503	N	500	70	N	50	N	150	N	150	N	<10
OAG9504	N	300	70	N	20	N	70	N	160	N	40
OAG9505	N	300	100	N	30	N	200	N	150	N	10
OAG9507	N	500	100	N	20	N	300	N	120	N	10
OAG9508	N	150	150	N	50	N	200	N	60	<1	20
OAG9509	N	500	150	N	70	N	1,000	N	45	N	<10
OAD9510	N	N	70	N	15	N	70	N	80	N	10
OAD9511	N	N	100	N	20	N	100	N	100	N	10

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OAD9512	45 55 51	113 33 4	2.0	1.5	1.5	.15	500	N	N	N	10	500	1.5
OAD9513	45 55 10	113 33 1	1.5	2.0	1.0	.15	500	N	N	N	70	500	1.5
OAD9514	45 54 47	113 34 1	2.0	1.0	.7	.20	500	N	N	N	15	700	2.0
OAD9515	45 54 34	113 34 4	2.0	.7	1.0	.20	500	N	N	N	<10	500	2.0
OAD9516	45 54 33	113 34 17	2.0	.7	1.0	.15	500	N	N	N	<10	300	2.0
OBC9517	45 51 1	113 40 49	1.5	.7	1.0	.15	700	N	N	N	<10	500	2.0
OBC9518	45 52 18	113 40 20	2.0	.7	1.0	.20	700	N	N	N	10	700	5.0
OBC9519	45 52 18	113 40 20	2.0	.7	1.0	.20	300	N	N	N	10	700	1.5
OBC9520	45 53 14	113 40 25	1.5	.5	1.0	.20	200	N	N	N	<10	500	2.0
OBC9611	45 51 3	113 34 23	1.0	.2	.3	.05	1,000	N	N	N	N	200	2.0
OBC9612	45 51 6	113 34 22	.5	.2	.5	.07	200	N	N	N	<10	200	2.0
OBC9613	45 50 17	113 33 4	1.0	.2	.5	.07	1,000	N	N	N	<10	200	2.0
OBC9614	45 49 10	113 31 51	1.5	.7	1.0	.20	700	N	N	N	<10	500	2.0
OBC9721	45 50 21	113 43 21	.7	.3	.7	.10	300	.5	N	N	<10	200	3.0
OBC9722	45 50 27	113 43 24	.7	.2	.7	.10	300	.5	N	N	<10	300	2.0
OBC9723	45 50 40	113 43 35	.7	.3	1.0	.10	300	<.5	N	N	<10	300	2.0
OBC9724	45 51 39	113 44 8	3.0	1.0	1.0	.30	700	N	N	N	15	700	2.0
OBC9725	45 52 8	113 44 19	2.0	.7	1.5	.20	700	.7	N	N	10	700	2.0
OBC9776	45 53 54	113 37 31	2.0	.5	1.0	.20	700	1.0	N	N	10	500	1.5
OBC9726	45 52 4	113 44 16	2.0	2.0	1.0	.15	500	N	N	N	100	500	1.5
OBC9727	45 52 16	113 44 27	2.0	.7	1.5	.20	500	.5	N	N	15	700	1.5
OAB9728	45 52 54	113 45 1	3.0	1.0	2.0	.50	700	N	N	N	30	700	2.0
OAB9729	45 52 51	113 45 5	3.0	1.0	2.0	.30	700	<.5	N	N	20	700	2.0
OAB9730	45 53 0	113 45 9	1.5	.5	1.0	.15	700	N	N	N	<10	300	1.5
OAB9731	45 53 15	113 45 47	5.0	1.5	1.5	.30	1,000	N	N	N	20	1,000	1.5
OBC9766	45 51 1	113 37 57	1.5	.5	1.0	.15	700	N	N	N	15	500	5.0
OAB9767	45 51 42	113 37 57	2.0	.7	1.5	.20	1,500	.5	N	N	15	700	2.0
OBC9768	45 51 42	113 38 0	2.0	.5	1.0	.20	1,000	N	N	N	15	700	7.0
OBC9769	45 52 17	113 37 50	3.0	1.0	1.0	.30	1,000	N	N	N	15	700	3.0
OBC9770	45 52 14	113 37 45	1.5	.5	1.0	.15	500	N	N	N	10	500	3.0
OAC9771	45 52 34	113 39 9	2.0	.7	1.5	.20	700	N	N	N	15	500	3.0
OAC9772	45 52 46	113 38 40	3.0	.7	.7	.50	500	N	N	N	20	700	5.0
OAC9773	45 53 12	113 38 2	3.0	1.0	1.0	.30	700	<.5	N	N	10	700	5.0
OAC9774	45 53 13	113 38 7	2.0	.5	1.0	.20	500	N	N	N	10	500	2.0
OAC9775	45 53 54	113 37 31	2.0	.7	1.0	.20	700	N	N	N	<10	700	3.0
OAC9777	45 53 54	113 37 31	.7	.3	.5	.07	300	N	N	N	<10	300	3.0
OAD9778	45 53 43	113 33 11	.1	.1	.5	.03	200	N	N	N	<10	100	1.0
OAD9779	45 53 18	113 35 13	.7	.2	.5	.10	500	N	N	N	N	300	3.0
OAD9780	45 52 42	113 35 49	2.0	.7	1.0	.15	700	N	N	N	<10	700	3.0
OAD9781	46 0 43	113 23 22	3.0	.7	.5	.20	500	.5	N	N	50	700	7.0
OBB9470	45 51 27	113 45 50	3.0	1.0	1.0	.20	700	.7	N	N	10	1,000	3.0
OAG9087	45 59 59	113 11 12	1.5	.5	1.0	.15	500	1.0	N	N	15	500	7.0
OAG9088	45 59 38	113 11 7	2.0	1.0	1.0	.20	500	N	N	N	30	700	2.0
OAG9089	45 59 48	113 11 4	3.0	1.5	.7	.30	500	.5	N	N	50	700	3.0
OAG9090	45 59 17	113 11 3	2.0	1.0	1.0	.20	500	.5	N	N	30	700	5.0

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
OAD9512	N	N	5	30	20	30	N	N	15	15	N	5
OAD9513	N	N	5	15	20	50	N	N	10	10	N	5
OAD9514	N	N	5	30	10	70	N	N	20	15	N	5
OAD9515	N	N	5	20	7	20	N	N	15	15	N	5
OAD9516	N	N	5	30	10	20	N	N	15	10	N	5
OBC9517	N	N	5	30	15	50	N	N	20	15	N	<5
OBC9518	N	N	5	20	10	100	N	N	15	15	N	5
OBC9519	N	N	5	20	5	70	N	N	15	10	N	5
OBC9520	N	N	<5	10	7	150	N	N	10	10	N	<5
OBC9611	N	N	5	10	7	20	N	N	20	10	N	<5
OBC9612	N	N	<5	<10	7	70	N	N	7	10	N	<5
OBC9613	N	N	5	<10	7	70	N	N	5	10	N	<5
OBC9614	N	N	5	10	5	200	N	N	10	20	N	5
OBC9721	N	N	<5	15	15	30	N	N	20	10	N	5
OBC9722	N	N	<5	10	15	50	N	N	7	15	N	<5
OBC9723	N	N	<5	10	20	50	N	N	7	10	N	<5
OBC9724	N	N	10	30	20	50	N	N	15	15	N	10
OBC9725	N	N	7	30	15	50	N	N	10	20	N	7
OBC9776	N	N	7	20	20	100	N	N	10	15	N	5
OBC9726	N	N	7	30	20	30	N	N	15	30	N	7
OBC9727	N	N	7	30	15	50	N	N	15	15	N	7
OAB9728	N	N	15	50	30	70	<5	20	15	20	N	15
OAB9729	N	N	10	50	50	100	N	<20	15	20	N	7
OAB9730	N	N	5	10	5	20	N	N	7	10	N	7
OAB9731	N	N	15	50	50	70	<5	<20	20	30	N	10
OBC9766	N	N	7	20	10	100	N	N	10	20	N	5
OAB9767	N	N	10	70	20	100	N	N	20	20	N	7
OBC9768	N	N	5	30	15	100	N	N	15	20	N	5
OBC9769	N	N	10	50	15	100	N	<20	20	30	N	5
OBC9770	N	N	5	30	15	50	N	N	10	15	N	5
OAC9771	N	N	10	50	20	70	N	N	15	20	N	5
OAC9772	N	N	15	50	15	70	N	<20	20	20	N	7
OAC9773	N	N	10	50	50	100	N	<20	20	20	N	5
OAC9774	N	N	7	20	7	70	N	N	10	15	N	5
OAC9775	N	N	7	50	10	70	N	N	20	20	N	5
OAC9777	N	N	<5	10	5	100	N	N	7	10	N	<5
OAD9778	N	N	<5	10	7	30	N	N	5	10	N	<5
OAD9779	N	N	5	15	10	50	N	N	7	15	N	<5
OAD9780	N	N	7	50	7	100	N	N	15	20	N	5
OAD9781	10	N	10	20	200	100	70	<20	15	50	N	5
OBB9470	N	N	10	50	15	70	N	<20	15	20	N	5
OAG9087	N	N	5	15	50	70	N	N	10	30	N	<5
OAG9088	N	N	7	20	30	70	N	N	15	20	N	5
OAG9089	N	N	15	50	50	50	5	N	20	30	N	7
OAG9090	N	N	7	30	30	70	N	N	15	30	N	5

Anaconda-Pintlar Wilderness —200 mesh Stream Sediment Data--continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
OAD9512	N	<100	100	N	15	N	150	N	60	N	10
OAD9513	N	<100	70	N	20	N	100	N	85	N	<10
OAD9514	N	150	100	N	50	N	300	N	60	N	<10
OAD9515	N	300	100	N	10	N	70	N	70	N	10
OAD9516	N	200	100	N	10	N	100	N	70	N	<10
OBC9517	N	200	70	N	15	N	100	N	110	N	10
OBC9518	N	300	100	N	20	N	150	N	80	N	<10
OBC9519	N	500	100	N	15	N	150	N	70	N	<10
OBC9520	N	200	100	N	20	N	500	N	70	N	<10
OBC9611	N	100	30	N	10	N	20	N	90	N	20
OBC9612	N	100	30	N	15	N	200	N	50	N	<10
OBC9613	N	150	30	N	10	N	30	N	110	N	20
OBC9614	N	500	70	N	70	N	500	N	35	N	<10
OBC9721	N	100	50	N	15	N	30	N	110	N	<10
OBC9722	N	100	50	N	20	N	50	N	110	N	<10
OBC9723	N	100	50	N	20	N	300	N	120	<1	10
OBC9724	N	200	150	N	20	N	500	N	70	N	<10
OBC9725	N	200	100	N	30	N	500	N	70	<1	<10
OBC9776	N	200	100	N	30	N	300	N	60	N	<10
OBC9726	N	<100	100	N	20	N	100	N	65	N	10
OBC9727	N	200	100	N	20	N	200	N	65	N	<10
OAB9728	N	200	200	N	70	N	1,000	N	130	1	<10
OAB9729	N	300	150	N	30	N	500	N	120	<1	<10
OAB9730	N	150	70	N	15	N	300	N	100	N	10
OAB9731	N	200	150	N	50	N	700	N	110	<1	<10
OBC9766	N	200	50	N	30	N	300	N	70	N	<10
OAB9767	N	300	100	N	30	N	150	N	100	N	<10
OBC9768	N	300	70	N	50	N	200	N	110	N	10
OBC9769	N	300	100	N	50	N	500	N	80	N	10
OBC9770	N	200	50	N	15	N	100	N	60	N	10
OAC9771	N	200	70	N	50	N	500	N	55	N	10
OAC9772	N	200	100	N	30	N	500	N	40	N	10
OAC9773	N	300	70	N	30	N	300	N	80	N	10
OAC9774	N	200	100	N	20	N	500	N	40	N	10
OAC9775	N	300	100	N	20	N	200	N	50	N	10
OAC9777	N	150	30	N	15	N	150	N	70	N	10
OAD9778	N	100	10	N	10	N	20	N	40	N	<10
OAD9779	N	150	30	N	15	N	100	N	70	N	10
OAD9780	N	300	100	N	50	N	200	N	65	N	<10
OAD9781	10	200	100	50	15	N	200	N	110	1	20
OBB9470	N	200	100	N	30	N	200	N	100	N	<10
OAG9087	N	200	50	N	20	N	150	N	280	N	10
OAG9088	N	200	70	N	20	N	1,000	N	60	N	<10
OAG9089	N	200	100	N	20	N	150	N	110	N	10
OAG9090	N	200	70	N	50	N	500	N	90	N	<10

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OAG9091	45 59 10	113 11 2	2.0	1.0	1.0	.20	1,000	.5	N	N	50	700	5.0
ME9082	46 1 54	113 14 6	2.0	2.0	1.5	.20	300	N	N	N	50	500	2.0
ME9083	46 1 51	113 14 6	2.0	.7	.7	.20	500	N	N	N	30	700	3.0
ME9084	46 1 23	113 13 23	2.0	1.0	.7	.20	500	1.0	N	N	30	700	5.0
ME9085	46 0 48	113 12 30	2.0	1.5	1.0	.20	500	.7	N	N	30	1,000	5.0
ME9086	46 0 10	113 11 37	1.5	.7	1.0	.20	700	.5	N	N	20	500	7.0
CRP9521	46 0 6	113 25 33	2.0	1.0	1.5	.20	700	.5	N	N	20	500	5.0
CRP9522	46 0 6	113 25 26	2.0	1.0	1.0	.20	500	.5	N	N	15	700	7.0
CRP9523	46 0 10	113 25 37	3.0	1.0	1.5	.20	1,000	.5	N	N	15	700	7.0
CRP9524	46 1 7	113 25 7	1.0	.5	1.0	.15	500	N	N	N	10	300	5.0
CRP9525	46 1 9	113 25 5	1.5	1.0	1.0	.20	500	.5	N	N	10	700	7.0
CRP9526	46 1 17	113 25 19	2.0	1.5	1.0	.15	500	.5	N	N	100	500	1.0
CRP9527	46 1 57	113 27 0	.7	.5	.7	.10	300	.5	N	N	10	300	2.0
CRP9528	46 2 18	113 28 17	1.0	.3	.7	.10	500	N	N	N	20	700	7.0
CRP9529	46 2 13	113 28 43	1.0	.5	.7	.10	700	.5	N	N	20	700	1.5
OAE9055	45 58 48	113 24 25	1.5	.7	1.0	.15	1,500	N	N	N	20	500	2.0
OAE9056	45 58 53	113 24 21	2.0	.7	.7	.15	1,500	N	N	N	15	300	3.0
OAE9057	45 59 3	113 23 59	1.5	.5	.7	.15	700	3.0	N	N	20	300	5.0
OAE9058	45 59 13	113 23 37	2.0	.7	1.0	.20	700	5.0	N	N	20	500	5.0
OAE9059	45 59 12	113 23 24	.5	.3	.5	.05	200	.5	N	N	<10	200	<1.0
OAE9060	45 59 28	113 22 42	2.0	.5	1.0	.20	500	1.5	N	N	15	500	7.0
MOL9530	46 2 5	113 30 48	2.0	.7	1.0	.15	700	1.0	N	N	20	1,000	5.0
MOL9531	46 2 5	113 30 48	2.0	1.0	1.5	.15	500	.5	N	N	50	1,000	5.0
SQ9532	46 3 24	113 17 53	1.5	2.0	1.0	.20	300	N	N	N	70	500	1.5
SQ9533	46 3 21	113 17 57	1.5	2.0	.7	.15	300	N	N	N	50	300	1.0
SQ9534	46 4 59	113 19 40	3.0	2.0	2.0	.20	700	N	N	N	100	500	1.5
SQ9535	46 5 18	113 20 10	2.0	1.0	.5	.30	200	N	N	N	70	500	1.5
SQ9536	46 5 18	113 20 45	2.0	2.0	5.0	.20	700	N	N	N	50	300	1.5
SQ9537	46 3 32	113 18 20	2.0	2.0	.5	.15	500	N	N	N	70	500	2.0
SQ9538	46 4 18	113 19 20	2.0	2.0	5.0	.15	700	N	N	N	50	700	2.0
SQ9539	46 5 23	113 20 40	2.0	.7	.7	.20	300	N	N	N	20	700	1.5
SQ9541	46 1 47	113 16 1	1.5	1.0	1.5	.15	500	N	N	N	30	500	1.5
SQ9542	46 1 42	113 16 3	2.0	1.0	.5	.20	700	N	N	N	50	700	3.0
SQ9543	46 1 56	113 15 24	.7	.5	.5	.10	500	N	N	N	20	300	2.0
OAF9019	45 59 24	113 22 21	1.5	.5	.7	.20	500	.5	N	N	20	500	7.0
OAF9022	45 59 22	113 22 25	1.5	.7	.5	.15	500	1.0	N	N	20	300	5.0
OAF9025	45 59 15	113 22 5	.7	.2	.5	.10	300	1.0	N	N	<10	200	5.0
OAF9028	45 58 58	113 21 5	1.0	.3	1.0	.10	500	.5	N	N	10	300	10.0
OAF9030	45 58 40	113 20 32	.7	.3	1.0	.10	70	N	N	N	20	200	5.0
OAF9033	45 58 32	113 19 57	1.5	.5	1.0	.15	300	N	N	N	20	300	7.0
OAF9036	45 58 30	113 19 30	1.5	.7	1.0	.20	500	N	N	N	10	500	7.0
OAF9039	45 58 17	113 18 42	1.5	.7	.7	.20	500	N	N	N	10	500	7.0
OAF9042	45 58 8	113 18 38	2.0	1.5	1.0	.20	500	.5	N	N	20	500	5.0
OAF9045	45 58 0	113 17 45	3.0	.7	1.0	.30	700	N	N	N	20	300	7.0
OAF9048	45 57 57	113 17 52	.7	.3	1.0	.15	150	N	N	N	15	300	7.0

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
OAG9091	N	N	10	30	50	70	10	N	15	30	N	5
ME9082	N	N	7	30	20	70	N	N	15	15	N	5
ME9083	N	N	7	50	70	100	N	N	15	30	N	5
ME9084	N	N	10	50	50	100	10	N	20	20	N	7
ME9085	N	N	10	50	50	70	N	N	15	20	N	7
ME9086	N	N	5	20	30	100	<5	N	7	20	N	5
CRP9521	N	N	10	30	50	70	N	N	20	30	N	5
CRP9522	N	N	10	30	50	100	20	N	15	50	N	5
CRP9523	<10	N	10	50	100	100	10	N	20	30	N	7
CRP9524	N	N	5	15	100	100	5	N	10	20	N	5
CRP9525	N	N	7	20	200	100	30	N	20	30	N	5
CRP9526	N	N	7	30	30	50	N	N	15	20	N	5
CRP9527	N	N	<5	10	30	50	N	N	15	20	N	<5
CRP9528	N	N	5	20	20	50	N	N	15	15	N	7
CRP9529	N	N	5	50	30	50	N	N	15	50	N	5
OAE9055	N	N	7	10	20	50	N	N	10	30	N	5
OAE9056	N	N	10	15	15	30	N	N	10	20	N	5
OAE9057	N	N	5	10	20	150	N	<20	10	20	N	5
OAE9058	N	N	7	30	20	100	20	N	15	30	N	5
OAE9059	N	N	<5	<10	5	<20	N	N	N	30	N	<5
OAE9060	N	N	10	15	100	50	20	N	10	20	N	5
MOL9530	N	N	10	30	50	70	N	N	20	50	N	7
MOL9531	N	N	<5	20	50	70	<5	N	15	50	N	5
SQ9532	N	N	7	20	20	30	N	N	15	20	N	5
SQ9533	N	N	7	20	15	50	N	N	10	15	N	5
SQ9534	N	N	10	50	20	50	N	N	30	30	N	7
SQ9535	N	N	10	70	15	20	N	N	20	15	N	5
SQ9536	N	N	10	50	15	20	N	N	30	30	N	5
SQ9537	N	N	10	50	20	50	N	N	20	20	N	5
SQ9538	N	N	10	50	30	20	N	N	20	50	N	5
SQ9539	N	N	5	10	15	20	N	N	10	20	N	5
SQ9541	N	N	7	20	20	70	N	N	15	15	N	5
SQ9542	N	N	10	70	100	100	N	N	30	20	N	7
SQ9543	N	N	<5	<10	20	50	N	N	7	30	N	<5
OAF9019	N	N	5	20	100	100	20	N	10	30	N	5
OAF9022	N	N	5	15	70	100	20	N	7	20	N	5
OAF9025	N	N	5	10	10	70	N	N	7	30	N	<5
OAF9028	N	N	<5	10	15	150	N	N	5	30	N	5
OAF9030	N	N	<5	10	20	100	N	N	5	15	N	5
OAF9033	N	N	5	15	30	70	N	N	10	30	N	5
OAF9036	N	N	5	20	7	100	N	20	7	30	N	5
OAF9039	N	N	5	15	10	100	N	<20	7	30	N	5
OAF9042	N	N	5	20	30	150	5	N	10	50	N	5
OAF9045	N	N	10	30	30	100	N	<20	15	50	N	5
OAF9048	N	N	<5	10	20	70	N	N	5	20	N	<5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
OAG9091	N	200	70	N	20	N	300	N	140	N	10
ME9082	N	100	70	N	20	N	150	N	50	N	<10
ME9083	N	100	70	N	30	N	500	N	70	N	<10
ME9084	N	150	100	N	30	N	150	N	55	N	<10
ME9085	N	150	100	N	20	N	200	N	60	N	20
ME9086	N	300	100	N	15	N	100	N	80	N	<10
CRP9521	N	200	100	N	15	N	150	N	150	N	10
CRP9522	N	300	100	N	15	N	200	N	100	N	10
CRP9523	N	200	100	50	20	N	200	N	100	N	<10
CRP9524	N	150	50	N	15	N	100	N	100	N	40
CRP9525	N	200	70	<50	15	N	200	N	100	<1	10
CRP9526	N	100	70	N	20	N	150	N	65	N	<10
CRP9527	N	100	30	N	10	200	100	N	420	N	<10
CRP9528	N	100	50	N	30	N	100	N	80	N	<10
CRP9529	N	150	50	N	15	N	100	N	120	N	<10
OAE9055	N	150	50	N	15	N	100	N	140	N	20
OAE9056	N	150	100	N	15	N	70	N	100	N	<10
OAE9057	N	150	100	N	20	N	100	N	110	N	60
OAE9058	N	200	100	N	15	N	500	N	90	N	20
OAE9059	N	150	10	N	N	N	20	N	80	N	<10
OAE9060	N	200	100	N	15	N	200	N	75	N	10
MOL9530	N	150	100	N	50	N	150	N	65	N	10
MOL9531	N	150	70	N	20	N	200	N	150	N	<10
SQ9532	N	<100	100	N	30	N	150	N	30	N	10
SQ9533	N	<100	70	N	20	N	200	N	50	N	<10
SQ9534	N	<100	150	N	20	N	150	N	80	1	20
SQ9535	N	<100	150	N	15	N	300	N	50	N	<10
SQ9536	N	<100	100	N	15	N	150	N	140	N	10
SQ9537	N	N	100	N	20	N	200	N	45	N	10
SQ9538	N	<100	100	N	15	N	100	N	65	N	<10
SQ9539	N	150	100	N	15	N	200	N	40	N	<10
SQ9541	N	100	70	N	20	N	200	N	70	N	<10
SQ9542	N	<100	100	N	30	N	200	N	70	N	10
SQ9543	N	100	50	N	15	N	150	N	90	N	10
OAF9019	N	200	70	N	15	N	200	N	110	N	20
OAF9022	N	200	100	N	15	N	150	N	100	N	30
OAF9025	N	100	50	N	10	N	70	N	120	N	30
OAF9028	N	200	50	N	20	N	100	N	120	N	10
OAF9030	N	200	30	N	15	N	70	N	--	--	10
OAF9033	N	200	50	N	20	N	100	N	70	N	<10
OAF9036	N	200	70	N	10	N	300	N	85	N	<10
OAF9039	N	200	70	N	10	N	500	N	110	N	<10
OAF9042	N	200	70	N	15	N	300	N	130	N	<10
OAF9045	N	150	100	N	30	N	300	N	90	N	<10
OAF9048	N	200	50	N	10	N	100	N	80	N	<10

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OAF9050	45 57 42	113 16 54	1.5	.7	1.0	.20	300	1.0	N	N	20	500	5.0
OAF9054	45 57 40	113 16 33	1.5	.7	1.0	.20	300	N	N	N	30	500	5.0

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
OAF9050	N	N	5	20	30	150	N	N	7	30	N	5
OAF9054	N	N	5	20	15	150	<5	<20	10	30	N	5

Anaconda-Pintlar Wilderness -200 mesh Stream Sediment Data--continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Zn-ppm aa	Sb-ppm aa	As-ppm cm
OAF9050	N	200	70	N	20	N	500	N	60	N	<10
OAF9054	N	200	100	<50	30	N	500	N	45	N	<10

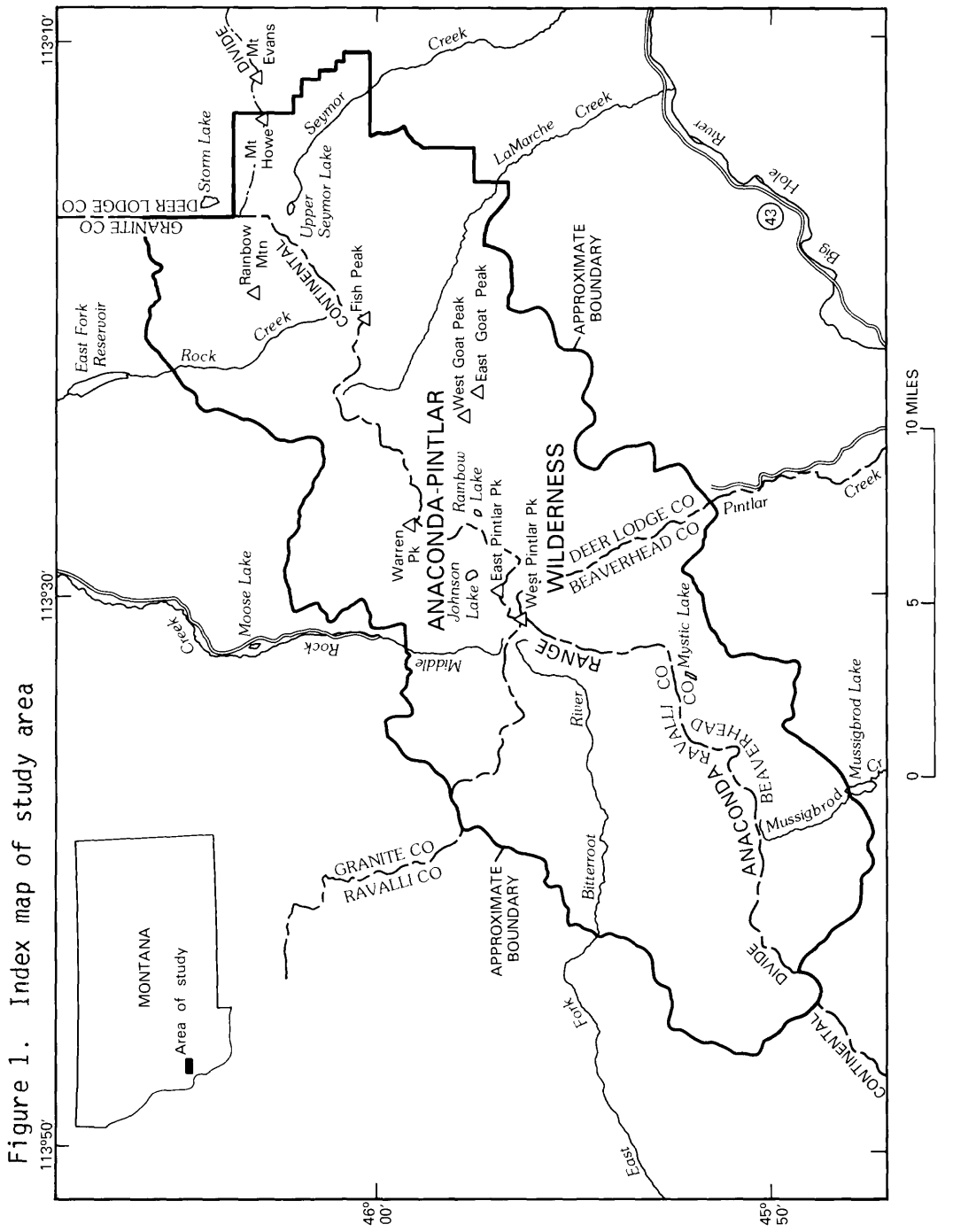

Figure 1. Index map of study area