UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality map of stream-sediment, soil, heavy-mineral-concentrate, and rock samples from the Maroon Bells-Snowmass Wilderness, Gunnison and Pitkin Counties, Colorado

By

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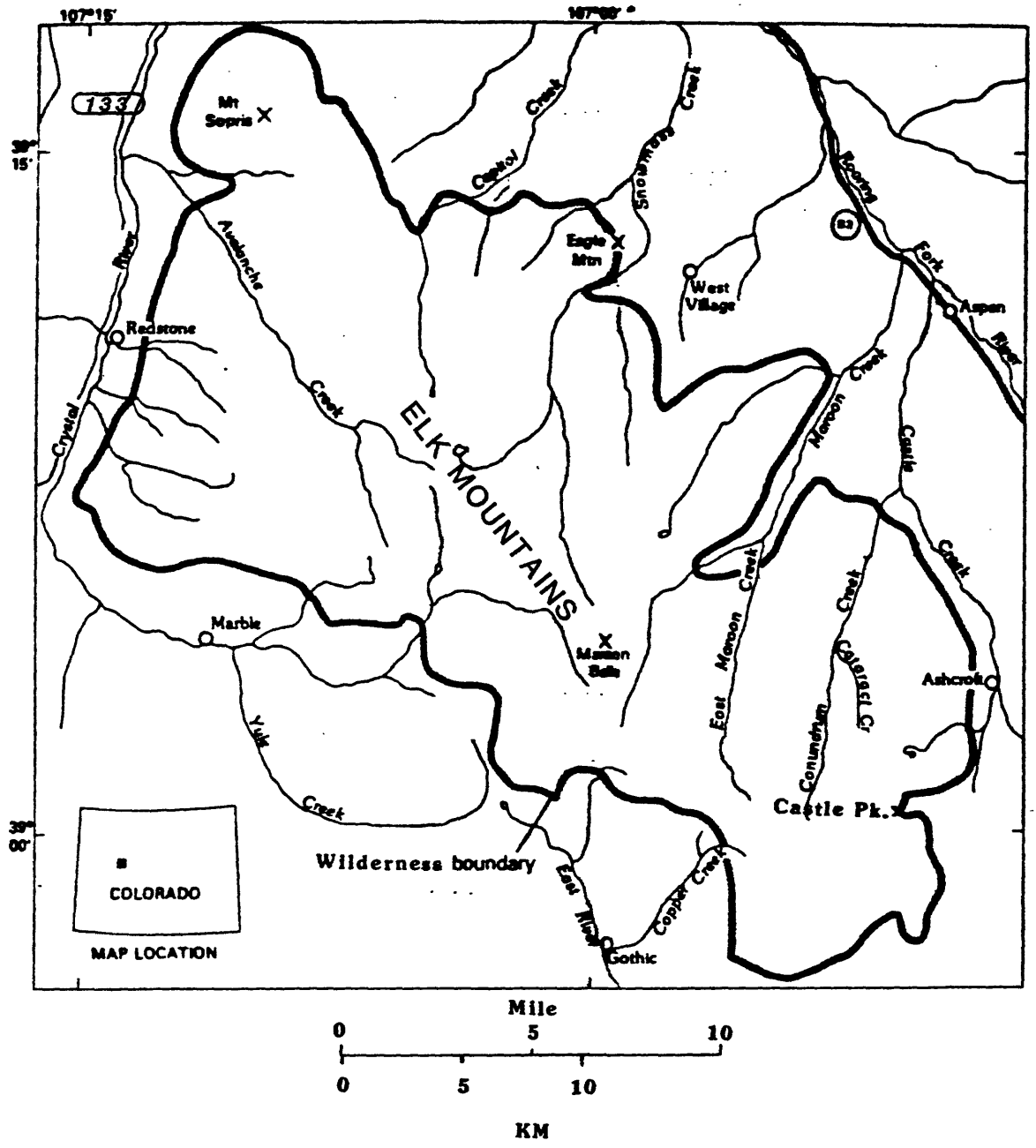

Figure 1. Index map showing the location of the Maroon Bells-Snowmass Wilderness, Gunnison and Pitkin Counties, Colorado.

Sample Collection

Samples were collected during the summers of 1974-76 by V. L. Freeman, H. D. King, Richardson Allen, B. T. Brady, M. K. Coss, J. B. McHugh, D. L. Rhiner, J. D. Sanchez, Kyle Sanderson, J. C. Seward, K. L. Stark, and T. J. Zielonka. Fifteen hundred and five samples were collected from 961 sites (plate 1). A stream-sediment, soil, rock, or heavy-mineral-concentrate sample was collected at each site, at some sites more than one sample type was collected. Sampling density was about two samples per square mile for the stream sediments and heavy-mineral concentrates, and about 3.5 samples per square mile for the rocks and soils.

Stream-sediment samples

The stream-sediment samples consisted of alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) stream beds as shown on USGS topographic maps.

Heavy-mineral-concentrate samples

Bulk alluvium samples were collected at the same sites as the stream-sediment samples. Each bulk sample was screened with a 2.0-mm (10-mesh) screen to remove the coarse material. The less than 2.0-mm fraction was panned until most of the quartz, feldspar, organic material, and clay-sized material were removed.

Rock samples

Rock samples were collected from outcrops or exposures in the vicinity of the plotted site location. Samples were collected from unaltered and/or altered and/or mineralized rocks.

Soil samples

Soil samples were collected from 0-10 cm in depth. At sites where A and B horizon soils were collected, A horizon was 0-3 cm in depth and B horizon was 3-10 cm in depth.

Sample Preparation

The stream-sediment and soil samples were both air and oven dried, then sieved using 80-mesh (0.17-mm) stainless-steel sieves. The portion of the sediment passing through the sieve was saved for analysis.

After air drying the panned concentrate sample, heavy minerals were further concentrated by separation in bromoform. The resultant heavy-mineral sample was separated into three fractions using a large electromagnet (in this case a modified Frantz Isodynamic Separator). The most magnetic material, primarily magnetite, was not analyzed. The second fraction, largely ferromagnesian silicates and iron oxides, was saved for analysis/archival storage. The third fraction (the least magnetic material including the nonmagnetic ore minerals, zircon, sphene, etc.) was split using a Jones splitter. One split was hand-ground for spectrographic analysis; the other split was saved for mineralogical analysis. These magnetic separates are the same separates that would be produced by using a Frantz Isodynamic Separator

set at a slope of 15° and a tilt of 10° with a current of 0.1 ampere to remove the magnetite and ilmenite, and a current of 1.0 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

Rock samples were crushed and then pulverized to minus 0.15 mm in a vertical pulverizer using ceramic plates.

Sample Analysis

Spectrographic method

The stream-sediment, heavy-mineral-concentrate, and rock samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 1. Spectrographic results were obtained by visual comparison of spectra with spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976).

Chemical methods

Gold and mercury were determined on most of the samples from the study area. The determination limits for gold and mercury are 0.05 and 0.02 micrograms/gram (ppm), respectively. Gold was determined by atomic-absorption spectrometry (Thompson and others, 1968). Mercury was determined by a flameless atomic absorption technique (Vaughn and McCarthy, 1964).

Analytical data for samples from the Maroon Bells-Snowmass Wilderness are listed in table 2.

ROCK ANALYSIS STORAGE SYSTEM

Upon completion of all analytical work, the analytical results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1977).

DESCRIPTION OF DATA TABLE

The analytical results are listed in table 2. Column 1 contains the USGS-assigned sample numbers which correspond to the numbers shown on the site location map (plate 1). Each sample number has a suffix of one or more digits. The suffix coding is as follows: SS = stream sediment, S = soil, S1 = A horizon soil, S2 = B horizon soil, R = rock, R2-5 = different rocks at the same site, PC = heavy-mineral-concentrate field panned only, PC2 = paramagnetic 0.1-1 ampere, PC3 = nonmagnetic >1 ampere. Columns 2 and 3 show the latitude and longitude for each sample location. Columns in which the element headings show the letter "S" before the element symbol are emission

spectrographic analyses; "AA" indicates atomic-absorption analyses. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 1. A less than symbol (<) indicates that an element was observed but was below the lowest reporting value shown. A greater than symbol (>) indicates that an element was observed but was above the highest reporting value shown. Two dashes (--) indicate that an element was not looked for in a sample.

Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all other elements are given in parts per million.

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Vaughn, W. W., and McCarthy, J. H., Jr., 1964, An instrumental technique for the determination of submicrogram concentrations of mercury in soils, rocks, and gas, in Geological Survey research 1964: U.S. Geological Survey Professional Paper 501-D, p. D123-D127.

TABLE 1.--Limits of determination for the spectrographic analysis of rocks and stream sediments, based on a 10-mg sample

[The spectrographic limits of determination for heavy-mineral-concentrate samples are based on a 5-mg sample, and are therefore two reporting intervals higher than the limits given for rocks and stream sediments]

Elements	Lower determination limit	Upper determination limit
	Percent	
Iron (Fe)	0.05	20
Magnesium (Mg)	.02	10
Calcium (Ca)	.05	20
Titanium (Ti)	.002	1
	Parts per million	
Manganese (Mn)	10	5,000
Silver (Ag)	0.5	5,000
Arsenic (As)	200	10,000
Gold (Au)	10	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20	500
Cobalt (Co)	5	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Lanthanum (La)	20	1,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Vanadium (V)	10	10,000
Tungsten (W)	50	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000
Thorium (Th)	100	2,000

TABLE 2.--ANALYTICAL DATA FOR 1505 SAMPLES FROM THE HAROON BELLS-SNOWMASS WILDERNESS

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
001APC2	39 4 1	106 52 40	20.00	1.500	10.00	.500	1,500	1.0	N	N	<20	500
001APC3	39 4 1	106 52 40	5.00	7.000	10.00	>2.000	700	<1.0	N	N	70	>10,000
001BPC2	39 4 1	106 52 40	30.00	1.000	10.00	.700	1,500	3.0	N	N	20	1,000
001BPC3	39 4 1	106 52 40	7.00	5.000	5.00	>2.000	700	2.0	N	N	30	>10,000
001R1	39 4 1	106 52 40	2.00	5.000	20.00	.050	500	N	N	N	70	150
001R2	39 4 1	106 52 40	1.50	1.500	5.00	.300	300	N	N	N	20	500
001S1	39 4 1	106 52 40	5.00	3.000	3.00	.300	700	<.5	N	N	30	300
001S2	39 4 1	106 52 40	5.00	3.000	2.00	.300	700	<.5	N	N	30	300
002PC2	39 3 36	106 52 42	20.00	1.000	10.00	2.000	1,500	<1.0	N	N	20	200
002PC3	39 3 36	106 52 42	.50	1.000	5.00	>2.000	300	3.0	N	N	N	>10,000
002S1	39 3 36	106 52 42	1.00	.500	1.00	.200	2,000	<.5	N	N	30	300
002S2	39 3 36	106 52 42	3.00	1.000	1.50	.300	2,000	.5	N	N	30	300
003R	39 3 16	106 52 46	3.00	1.000	2.00	.300	200	N	N	N	<10	1,000
003S1	39 3 16	106 52 46	1.00	.700	1.50	.200	1,500	<.5	N	N	30	300
003S2	39 3 16	106 52 46	2.00	1.000	1.50	.300	500	.7	N	N	30	300
004PC2	39 3 5	106 52 42	30.00	.200	5.00	.300	700	<1.0	N	N	70	200
004PC3	39 3 5	106 52 42	50.00	.200	1.50	2.000	100	N	N	N	50	>10,000
004R1	39 3 5	106 52 42	3.00	1.000	3.00	.300	300	N	N	N	<10	1,000
004R2	39 3 5	106 52 42	2.00	.100	.15	.300	<10	N	N	N	10	100
004R3	39 3 5	106 52 42	20.00	.050	.05	.200	10	3.0	N	N	10	150
004S1	39 3 5	106 52 42	2.00	.700	1.00	.300	300	N	N	N	20	300
004S2	39 3 5	106 52 42	3.00	.700	1.50	.300	200	.5	N	N	30	300
004SS	39 3 5	106 52 42	10.00	.700	.70	.150	1,000	<.5	N	N	20	300
005PC2	39 4 51	106 52 8	50.00	1.000	10.00	.200	1,500	<1.0	N	N	20	150
005PC3	39 4 51	106 52 8	2.00	10.000	15.00	>2.000	1,000	N	N	N	70	700
005S1	39 4 51	106 52 8	2.00	1.000	2.00	.300	500	<.5	N	N	30	150
005S2	39 4 51	106 52 8	3.00	1.500	3.00	.200	500	<.5	N	N	30	200
006PC2	39 4 48	106 52 4	50.00	.500	7.00	.200	1,000	<1.0	N	N	20	200
006PC3	39 4 48	106 52 4	5.00	10.000	20.00	1.500	300	N	N	N	30	300
006R	39 4 48	106 52 4	1.50	.700	1.50	.300	200	N	N	N	50	50
006S1	39 4 48	106 52 4	2.00	1.500	3.00	.200	300	N	N	N	30	150
006S2	39 4 48	106 52 4	1.50	1.500	3.00	.200	300	N	N	N	30	100
006SS	39 4 48	106 52 4	5.00	2.000	5.00	.200	500	N	N	N	10	300
007PC2	39 4 32	106 52 16	50.00	2.000	7.00	.070	500	1.0	N	N	50	200
007PC3	39 4 32	106 52 16	2.00	10.000	20.00	1.500	700	N	N	N	50	500
007S1	39 4 32	106 52 16	1.50	1.500	2.00	.200	300	N	N	N	30	150
007S2	39 4 32	106 52 16	3.00	1.500	2.00	.200	500	<.5	N	N	50	150
008PC2	39 4 8	106 52 42	15.00	1.500	10.00	.070	1,000	N	N	N	<20	100
008PC3	39 4 8	106 52 42	>50.00	.100	.10	.010	20	<1.0	N	N	<20	150
008R	39 4 8	106 52 42	10.00	3.000	10.00	.150	500	1.5	N	N	N	150
008S1	39 4 8	106 52 42	5.00	1.500	2.00	.300	500	<.5	N	N	20	300
008S2	39 4 8	106 52 42	3.00	1.000	1.50	.300	700	<.5	N	N	20	300
009PC2	39 3 58	106 52 52	20.00	3.000	10.00	1.000	1,500	3.0	N	N	20	100
009PC3	39 3 58	106 52 52	3.00	5.000	15.00	>2.000	300	100.0	N	N	200	500
009R	39 3 58	106 52 52	25.00	.700	1.00	.300	50	N	N	N	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
001APC2	2.0	30	N	70	50	1,000	700	100	N	50	20	N
001APC3	N	500	N	20	500	200	<50	10	<50	10	20	N
001BPC2	<2.0	50	N	150	50	2,000	1,000	70	N	100	20	N
001BPC3	N	2,000	N	30	150	1,000	100	300	70	50	500	N
001R1	N	N	N	5	20	10	N	N	N	10	N	N
001R2	1.0	N	N	<5	150	10	20	7	N	10	20	N
001S1	1.0	N	N	30	30	150	30	10	<20	100	15	N
001S2	1.0	N	N	20	30	100	30	7	<20	70	15	N
002PC2	<2.0	N	<50	30	100	200	1,500	30	50	20	30	N
002PC3	N	N	N	N	150	20	300	20	200	200	N	N
002S1	1.0	N	N	<5	15	20	30	N	<20	7	20	N
002S2	1.0	N	N	7	20	30	30	N	<20	7	15	N
003R	1.0	N	N	7	10	7	70	N	<20	<5	10	N
003S1	1.0	10	N	<5	15	30	20	5	N	5	30	N
003S2	1.0	N	N	5	20	70	30	15	20	5	10	N
004PC2	3.0	N	N	50	30	2,000	1,000	200	N	10	<20	N
004PC3	N	N	N	15	50	300	150	15	100	15	N	N
004R1	1.0	N	N	5	10	15	50	N	<20	<5	15	N
004R2	<1.0	N	N	<5	<10	5	<20	20	<20	N	N	N
004R3	<1.0	15	N	<5	<10	300	30	1,500	<20	10	30	N
004S1	1.0	N	N	5	15	100	30	15	<20	5	10	N
004S2	1.0	N	N	5	15	150	30	20	<20	5	20	N
004SS	2.0	N	N	20	10	2,000	30	300	N	7	20	N
005PC2	N	N	N	150	70	100	700	10	N	100	20	N
005PC3	N	50	N	<10	200	10	200	15	50	<10	N	N
005S1	1.0	N	N	5	15	30	20	<5	N	7	15	N
005S2	1.0	N	N	7	15	70	50	5	<20	10	10	N
006PC2	N	N	N	200	50	150	500	20	N	200	30	N
006PC3	N	N	N	30	100	<10	150	N	<50	50	N	N
006R	1.0	N	N	N	15	N	50	N	N	<5	N	N
006S1	1.0	10	N	5	15	30	20	N	N	10	20	N
006S2	<1.0	10	N	5	15	20	20	N	N	7	15	N
006SS	N	N	N	10	<10	30	30	N	N	5	<10	N
007PC2	3.0	N	<50	200	20	200	2,000	15	N	200	50	N
007PC3	N	N	N	N	200	10	50	N	<50	10	N	N
007S1	1.0	10	N	5	15	30	20	N	N	10	15	N
007S2	1.0	N	N	5	20	30	50	<5	N	15	10	N
008PC2	N	30	N	N	70	<10	200	N	N	<10	N	N
008PC3	N	<20	N	N	70	<10	N	N	N	<10	N	N
008R	1.0	20	N	5	30	7	20	7	N	15	10	N
008S1	1.0	N	N	15	30	50	30	<5	20	15	15	N
008S2	1.0	N	N	7	30	50	20	N	<20	10	20	N
009PC2	<2.0	<20	N	100	100	150	500	10	<50	100	30	N
009PC3	N	30	N	<10	150	15	200	10	50	<10	<20	N
009R	<1.0	N	N	N	<10	5	<20	N	N	N	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
001APC2	15	N	<200	100	N	70	N	150	--	--
001APC3	20	N	5,000	150	1,500	100	N	2,000	--	--
001BPC2	20	N	<200	150	150	100	N	200	--	--
001BPC3	30	20	10,000	300	5,000	100	N	2,000	--	--
001R1	N	N	200	30	N	15	N	20	<.05	.06
001R2	10	N	300	100	N	15	N	30	<.05	.11
001S1	7	N	150	70	N	20	N	150	.07	.10
001S2	7	N	150	70	N	20	N	300	.09	.18
002PC2	30	<20	N	300	<100	200	N	500	--	--
002PC3	50	30	300	700	1,000	300	N	>2,000	--	--
002S1	5	N	<100	20	N	10	N	70	.10	.50
002S2	5	N	100	70	N	15	N	200	.08	.46
003R	7	N	300	50	N	15	N	150	.07	.03
003S1	5	N	100	30	N	10	N	70	.08	.75
003S2	7	N	150	70	N	15	N	300	.06	.60
004PC2	10	N	N	70	N	50	N	150	--	--
004PC3	15	N	700	150	150	300	N	700	--	--
004R1	5	N	300	70	N	15	N	70	.06	.06
004R2	<5	N	<100	30	<50	15	N	70	.07	.02
004R3	<5	N	N	20	N	15	N	70	.10	.08
004S1	5	N	150	50	N	15	N	200	.15	.18
004S2	5	N	150	50	N	15	N	200	.12	.26
004SS	5	N	150	70	N	20	N	70	--	--
005PC2	15	N	<200	150	<100	70	N	150	--	--
005PC3	30	<20	N	500	300	150	N	2,000	--	--
005S1	5	N	150	30	N	10	N	100	.15	.47
005S2	5	N	150	50	N	15	N	100	.18	.29
006PC2	15	N	<200	150	N	50	1,000	150	--	--
006PC3	<10	N	N	100	<100	30	N	1,500	--	--
006R	5	N	<100	70	N	10	N	100	<.05	.09
006S1	5	N	100	50	N	10	N	70	.55	.92
006S2	<5	N	<100	30	N	10	N	70	.12	.83
006SS	5	N	150	70	N	<10	N	30	<.05	.04
007PC2	15	N	<200	70	N	100	<500	150	--	--
007PC3	20	N	N	200	<100	70	N	2,000	--	--
007S1	5	N	<100	30	N	10	N	150	.14	.69
007S2	5	N	<100	30	N	10	N	100	.10	.58
008PC2	<10	<20	1,000	50	N	20	N	150	--	--
008PC3	N	N	N	30	100	N	N	N	--	--
008R	<5	N	150	50	N	<10	N	30	.07	.09
008S1	7	N	150	70	N	20	N	300	.11	.52
008S2	5	N	100	50	N	15	N	300	.10	.85
009PC2	20	N	N	150	N	70	N	300	--	--
009PC3	30	20	N	500	500	300	N	>1,000	--	--
009R	<5	N	150	50	N	10	N	50	.10	.05

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
009S1A	39 3 58	106 52 52	7.00	1.000	2.00	.150	300	<.5	N	N	10	100
009S1B	39 3 58	106 52 52	5.00	2.000	2.00	.300	700	.5	N	N	20	300
009S2A	39 3 58	106 52 52	10.00	2.000	2.00	.150	300	<.5	N	N	<10	100
009S2B	39 3 58	106 52 52	3.00	2.000	2.00	.300	500	.5	N	N	20	200
010APC2	39 3 43	106 53 0	50.00	.500	5.00	.150	1,000	1.5	N	N	<20	70
010APC3	39 3 43	106 53 0	50.00	.700	3.00	1.000	100	1.5	N	N	20	5,000
010BPC2	39 3 43	106 53 0	30.00	2.000	7.00	1.000	1,500	20.0	N	N	20	3,000
010BPC3	39 3 43	106 53 0	30.00	.700	2.00	2.000	300	200.0	N	N	20	>10,000
010R1	39 3 43	106 53 0	2.00	1.000	1.50	.500	100	N	N	N	<10	1,000
010R2	39 3 43	106 53 0	3.00	.050	.50	.300	10	.5	N	N	<10	N
010R3	39 3 43	106 53 0	1.00	.200	.15	.200	300	3.0	N	N	20	150
010R4	39 3 43	106 53 0	1.50	1.000	2.00	.300	>5,000	N	N	N	10	700
010R5	39 3 43	106 53 0	3.00	.700	1.00	.300	50	<.5	N	N	<10	150
010R6	39 3 43	106 53 0	7.00	.020	.20	.020	1,500	70.0	N	N	<10	500
010R7	39 3 43	106 53 0	20.00	.200	.20	.050	>5,000	5.0	N	N	N	1,000
010S1	39 3 43	106 53 0	3.00	1.000	1.00	.200	500	1.5	N	N	10	150
010S2	39 3 43	106 53 0	10.00	1.500	1.50	.200	1,500	3.0	N	N	15	200
011PC2	39 3 24	106 52 57	50.00	1.000	7.00	.700	1,000	1.5	N	N	20	300
011PC3	39 3 24	106 52 57	20.00	.500	5.00	>2.000	200	3.0	N	N	50	>10,000
011R1	39 3 24	106 52 57	3.00	1.000	2.00	.300	300	N	N	N	<10	500
011R2	39 3 24	106 52 57	1.50	.200	.20	.300	15	.5	N	N	10	100
011S1A	39 3 24	106 52 57	2.00	1.000	.70	.200	300	<.5	N	N	15	200
011S1B	39 3 24	106 52 57	2.00	1.000	1.50	.200	500	N	N	N	20	150
011S2A	39 3 24	106 52 57	7.00	2.000	1.50	.300	700	<.5	N	N	20	300
011S2B	39 3 24	106 52 57	3.00	1.500	1.50	.200	1,000	<.5	N	N	20	200
012PC2	39 3 11	106 53 5	30.00	.700	5.00	>2.000	2,000	100.0	N	N	<20	10,000
012PC3	39 3 11	106 53 5	20.00	<.050	.30	>2.000	70	1,000.0	N	N	<20	>10,000
012R1	39 3 11	106 53 5	3.00	1.000	2.00	.300	300	N	N	N	<10	1,000
012R2	39 3 11	106 53 5	3.00	.700	2.00	.300	500	.7	N	N	15	100
012S1A	39 3 11	106 53 5	1.50	1.000	1.00	.200	500	<.5	N	N	20	150
012S1B	39 3 11	106 53 5	3.00	2.000	1.00	.300	700	<.5	N	N	30	300
012S2A	39 3 11	106 53 5	2.00	1.500	1.50	.200	1,000	<.5	N	N	30	300
012S2B	39 3 11	106 53 5	5.00	2.000	1.00	.300	700	<.5	N	N	30	300
013PC2	39 2 54	106 53 13	20.00	5.000	10.00	2.000	5,000	1.5	N	N	20	300
013PC3	39 2 54	106 53 13	2.00	.500	5.00	>2.000	150	30.0	N	N	50	10,000
013S1A	39 2 54	106 53 13	3.00	2.000	1.50	.300	700	<.5	N	N	30	300
013S1B	39 2 54	106 53 13	2.00	1.500	1.50	.200	700	<.5	N	N	20	200
013S2A	39 2 54	106 53 13	3.00	2.000	1.50	.300	700	N	N	N	20	300
013S2B	39 2 54	106 53 13	5.00	2.000	1.50	.300	500	<.5	N	N	20	300
014PC2	39 2 47	106 53 14	30.00	3.000	10.00	.500	2,000	<1.0	N	N	<20	70
014PC3	39 2 47	106 53 14	>50.00	1.000	3.00	2.000	70	10.0	N	N	150	10,000
014R1	39 2 47	106 53 14	15.00	.100	.10	.200	50	<.5	N	N	<10	20
014S1	39 2 47	106 53 14	2.00	2.000	2.00	.200	300	N	N	N	20	100
014S2	39 2 47	106 53 14	5.00	3.000	2.00	.200	500	N	N	N	15	150
015PC2	39 5 39	106 52 4	50.00	.500	5.00	2.000	700	1.0	N	N	50	200

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
009S1A	<1.0	N	N	5	15	150	20	N	N	10	15	N
009S1B	1.0	N	N	7	20	150	30	5	N	10	20	N
009S2A	<1.0	N	N	5	15	200	20	N	N	15	10	N
009S2B	1.0	N	N	7	20	100	20	N	N	10	15	N
010APC2	N	N	N	150	<20	500	N	<10	N	70	100	N
010APC3	N	<20	N	200	50	500	N	70	N	70	200	N
010BPC2	N	N	N	10	20	2,000	500	<10	N	10	2,000	N
010BPC3	N	N	200	15	50	2,000	50	N	<50	150	50,000	1,500
010R1	<1.0	N	N	N	N	15	100	N	<20	N	<10	N
010R2	<1.0	N	N	5	N	100	<20	N	<20	<5	<10	N
010R3	1.0	<10	N	N	<10	150	30	5	<20	N	200	100
010R4	1.0	N	N	5	<10	70	50	N	<20	N	100	N
010R5	1.0	N	N	10	N	200	50	N	<20	N	<10	N
010R6	1.0	N	500	N	100	1,500	<20	50	N	5	>20,000	<100
010R7	1.0	N	N	150	<10	300	N	70	N	15	500	100
010S1	1.0	N	N	10	10	100	20	5	N	5	70	N
010S2	1.0	N	N	50	20	200	30	15	N	10	150	N
011PC2	N	<20	N	100	70	1,000	1,000	150	<50	70	30	N
011PC3	N	N	N	50	100	1,000	200	<10	70	50	500	N
011R1	1.0	N	N	7	<10	20	30	20	N	5	10	N
011R2	1.0	30	N	N	N	<5	30	N	N	<5	N	N
011S1A	1.0	N	N	<5	10	30	20	7	N	5	10	N
011S1B	1.0	N	N	5	10	30	30	10	N	5	10	N
011S2A	1.0	N	N	7	20	50	30	10	20	10	10	N
011S2B	1.0	N	N	7	15	50	20	15	<20	7	10	N
012PC2	2.0	<20	700	20	<20	1,500	>2,000	<10	50	<10	150	N
012PC3	N	N	N	50	70	1,500	500	100	50	10	200	<200
012R1	1.0	10	N	5	<10	20	50	N	N	<5	10	N
012R2	1.5	10	N	5	N	50	30	N	N	<5	10	N
012S1A	1.0	N	N	5	10	30	20	N	N	5	15	N
012S1B	1.0	N	N	10	20	30	30	5	<20	7	15	N
012S2A	1.0	N	N	7	15	30	30	N	<20	7	15	N
012S2B	1.0	N	N	10	20	50	20	7	<20	7	15	N
013PC2	2.0	20	N	30	100	100	300	N	N	20	50	N
013PC3	N	20	N	<10	100	30	300	10	70	<10	300	N
013S1A	1.0	N	N	7	20	20	30	N	<20	7	30	N
013S1B	1.0	N	N	5	15	15	20	N	N	7	20	N
013S2A	1.0	N	N	7	30	20	30	N	<20	10	15	N
013S2B	1.0	N	N	7	30	30	30	N	<20	15	10	N
014PC2	N	<20	N	70	150	70	500	N	N	50	<20	N
014PC3	N	300	N	200	70	50	50	N	<50	70	30	N
014R1	1.5	70	N	<5	30	<5	N	<5	N	<5	10	N
014S1	1.0	N	N	5	15	50	20	N	N	10	10	N
014S2	1.0	<10	N	15	30	150	30	N	<20	20	10	N
015PC2	2.0	N	N	700	200	100	300	N	<50	100	50	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
009S1A	5	N	100	30	N	10	N	100	.08	.71
009S1B	7	N	100	50	N	15	N	300	.11	.42
009S2A	5	N	100	30	N	10	N	50	.12	.64
009S2B	5	N	100	50	N	15	N	200	.10	.43
010APC2	N	N	N	20	N	20	500	N	--	--
010APC3	<10	N	<200	100	200	30	7,000	700	--	--
010BPC2	30	<20	300	200	200	50	700	200	--	--
010BPC3	15	N	2,000	200	500	30	>20,000	200	--	--
010R1	7	N	300	50	N	20	N	100	.08	.08
010R2	5	N	200	30	N	<10	N	70	.12	.07
010R3	5	10	<100	50	70	<10	200	70	.12	.06
010R4	7	N	200	70	<50	15	N	70	.10	.07
010R5	7	N	200	50	N	20	N	100	.12	.05
010R6	<5	N	N	10	N	N	>10,000	<10	.15	--
010R7	5	N	<100	20	N	N	N	30	.14	.06
010S1	5	N	<100	30	N	10	N	50	<.05	.53
010S2	7	N	100	70	N	15	N	150	.08	.33
011PC2	15	N	N	150	<100	100	N	150	--	--
011PC3	30	<20	700	200	500	200	N	>2,000	--	--
011R1	7	N	300	50	N	15	N	70	.12	.06
011R2	5	N	150	30	<50	10	N	70	.10	.06
011S1A	5	N	100	30	N	10	N	150	.07	.40
011S1B	5	N	<100	30	N	10	N	100	<.05	.74
011S2A	7	N	150	70	N	15	N	300	.12	.34
011S2B	5	N	<100	50	N	10	N	150	.12	.53
012PC2	50	20	500	300	<100	>500	N	>2,000	--	--
012PC3	30	N	>10,000	300	200	300	15,000	>2,000	--	--
012R1	7	N	300	50	N	15	N	100	<.05	.10
012R2	5	N	100	30	N	15	N	150	<.05	.10
012S1A	<5	N	<100	30	N	10	N	50	.11	.59
012S1B	5	N	100	70	N	15	N	200	.10	.31
012S2A	5	N	150	30	N	15	N	200	.12	.65
012S2B	5	N	100	70	N	15	N	200	.06	.26
013PC2	30	N	N	150	N	100	N	2,000	--	--
013PC3	30	20	700	700	200	300	N	>2,000	--	--
013S1A	5	N	100	50	N	15	N	300	.10	.30
013S1B	<5	N	<100	50	N	10	N	100	<.05	.40
013S2A	7	N	150	70	N	15	N	500	.10	.18
013S2B	7	N	100	70	N	15	N	300	.11	.28
014PC2	20	N	N	200	N	70	N	500	--	--
014PC3	30	N	<200	200	100	150	N	>2,000	--	--
014R1	<5	N	<100	100	N	N	N	150	<.05	<.02
014S1	<5	N	100	50	N	10	N	150	--	.40
014S2	5	N	100	70	N	10	N	150	<.05	.21
015PC2	20	N	N	500	N	100	500	1,000	--	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
015PC3	39 5 39	106 52 4	5.00	2.000	10.00	>2.000	300	N	N	N	30	500
015R1	39 5 39	106 52 4	5.00	2.000	1.50	.300	500	.7	N	N	30	700
015R2	39 5 39	106 52 4	5.00	2.000	10.00	.300	1,000	<.5	N	N	20	300
015S1	39 5 39	106 52 4	2.00	1.000	.50	.300	500	N	N	N	50	300
015S2	39 5 39	106 52 4	2.00	1.000	.50	.300	700	N	N	N	70	300
015SS	39 5 39	106 52 4	5.00	1.000	1.00	.300	700	N	N	N	50	300
016R	39 6 1	106 51 54	3.00	1.000	2.00	.300	700	N	N	N	<10	3,000
016S1	39 6 1	106 51 54	2.00	1.500	1.00	.300	700	<.5	N	N	50	300
016S2	39 6 1	106 51 54	2.00	1.500	1.50	.300	500	<.5	N	N	50	300
016SS	39 6 1	106 51 54	2.00	1.000	1.50	.100	300	N	N	N	30	300
017PC2	39 6 0	106 51 51	20.00	2.000	10.00	.500	1,500	N	N	N	20	500
017PC3	39 6 0	106 51 51	3.00	10.000	15.00	2.000	500	N	N	N	70	700
017R	39 6 0	106 51 51	2.00	2.000	3.00	.300	500	N	N	N	<10	300
017S1	39 6 0	106 51 51	2.00	1.000	1.50	.300	500	N	N	N	50	300
017S2	39 6 0	106 51 51	3.00	1.500	1.50	.300	500	N	N	N	50	300
017SS	39 6 0	106 51 51	3.00	1.000	2.00	.200	300	N	N	N	50	300
018PC2	39 6 12	106 51 51	30.00	1.000	10.00	.700	1,500	<1.0	N	N	30	300
018PC3	39 6 12	106 51 51	5.00	7.000	15.00	>2.000	500	N	N	N	50	1,000
018R1	39 6 12	106 51 51	7.00	2.000	7.00	.500	700	N	N	N	20	300
018R2	39 6 12	106 51 51	10.00	2.000	7.00	.300	500	N	N	N	50	500
018S1A	39 6 12	106 51 51	3.00	1.000	1.00	.300	500	N	N	N	50	300
018S1B	39 6 12	106 51 51	2.00	1.000	1.00	.300	1,000	N	N	N	50	300
018S2A	39 6 12	106 51 51	3.00	1.500	1.00	.300	500	N	N	N	50	300
018S2B	39 6 12	106 51 51	2.00	1.000	1.00	.300	1,000	N	N	N	50	300
018SS	39 6 12	106 51 51	3.00	1.000	1.50	.300	500	N	N	N	50	300
019PC2	39 4 22	106 48 19	50.00	.300	2.00	1.000	500	1.5	N	N	30	500
019PC3	39 4 22	106 48 19	15.00	.500	10.00	>2.000	200	5.0	N	N	70	>10,000
019R1	39 4 22	106 48 19	5.00	1.500	1.50	.300	100	N	N	N	10	150
019R2	39 4 22	106 48 19	3.00	1.500	2.00	.300	1,000	N	N	N	20	300
019R3	39 4 22	106 48 19	.20	.050	.20	.070	15	N	N	N	<10	N
019S1	39 4 22	106 48 19	3.00	.700	1.00	.300	1,000	<.5	N	N	50	300
019S2	39 4 22	106 48 19	5.00	1.000	1.00	.300	1,000	N	N	N	50	300
019SS	39 4 22	106 48 19	7.00	.700	1.50	.200	300	N	N	N	15	300
020PC2	39 3 27	106 48 9	30.00	.300	1.00	.500	300	2.0	N	N	20	700
020PC3	39 3 27	106 48 9	20.00	.150	1.50	2.000	50	5.0	N	N	30	>10,000
020R1	39 3 27	106 48 9	3.00	2.000	5.00	.200	1,000	N	N	N	10	N
020R2	39 3 27	106 48 9	5.00	2.000	10.00	.050	2,000	N	N	N	<10	1,500
020R3	39 3 27	106 48 9	1.50	1.000	1.00	.070	200	N	N	N	<10	300
020S1	39 3 27	106 48 9	3.00	.700	1.50	.300	1,000	N	N	N	50	300
020S2	39 3 27	106 48 9	5.00	1.000	1.50	.300	1,000	.7	N	N	50	300
020SS	39 3 27	106 48 9	10.00	2.000	1.50	.150	300	N	N	N	20	1,500
021PC2	39 2 12	106 48 39	20.00	.300	3.00	1.000	300	10.0	N	N	50	500
021PC3	39 2 12	106 48 39	10.00	.100	.50	.300	70	30.0	N	N	20	>10,000
021R	39 2 12	106 48 39	1.00	.700	1.50	.150	700	1.0	N	N	15	N
021S1	39 2 12	106 48 39	5.00	1.500	1.50	.300	1,000	.7	N	N	50	300

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
015PC3	7.0	<20	N	15	100	15	200	N	50	<10	30	N
015R1	1.0	N	N	15	50	200	50	5	<20	15	100	N
015R2	<1.0	N	N	10	30	15	30	N	<20	15	<10	N
015S1	1.0	N	N	5	30	15	30	N	20	15	10	N
015S2	1.0	N	N	5	30	15	30	N	<20	15	10	N
015SS	1.0	N	N	10	50	20	30	N	20	20	15	N
016R	<1.0	N	N	<5	10	<5	30	N	<20	<5	<10	N
016S1	1.0	N	N	7	30	20	30	N	<20	15	15	N
016S2	1.0	N	N	7	30	20	30	N	20	15	<10	N
016SS	1.0	N	N	<5	20	7	50	N	<20	10	<10	N
017PC2	N	<20	N	70	70	70	500	N	N	70	<20	N
017PC3	N	N	N	N	150	<10	70	N	50	<10	<20	N
017R	<1.0	N	N	N	50	<5	20	15	<20	<5	N	N
017S1	1.0	N	N	7	30	20	30	N	20	10	15	N
017S2	1.0	N	N	7	30	20	30	N	<20	10	10	N
017SS	<1.0	N	N	7	20	7	30	N	<20	7	<10	N
018PC2	<2.0	N	N	100	150	100	300	N	N	100	<20	N
018PC3	N	N	N	50	150	10	100	N	70	<10	N	N
018R1	<1.0	N	N	10	70	<5	30	N	<20	20	10	N
018R2	1.0	N	N	10	20	30	50	N	<20	15	10	N
018S1A	1.0	N	N	7	30	15	30	N	<20	10	10	N
018S1B	1.0	N	N	5	20	15	30	N	<20	7	10	N
018S2A	1.0	N	N	7	30	15	30	N	20	15	10	N
018S2B	1.0	N	N	5	20	15	30	N	20	5	10	N
018SS	1.0	N	N	7	30	30	30	N	<20	10	10	N
019PC2	2.0	<20	N	300	100	100	300	N	N	200	150	N
019PC3	N	N	N	30	70	100	500	N	70	30	500	200
019R1	<1.0	N	N	15	<10	N	30	N	N	5	N	N
019R2	1.0	N	N	5	30	5	30	N	<20	10	<10	N
019R3	1.0	N	N	N	N	N	20	N	<20	<5	N	N
019S1	1.0	N	N	7	20	15	20	N	<20	5	15	N
019S2	<1.0	N	N	7	20	20	20	N	20	10	15	N
019SS	<1.0	N	N	7	20	10	30	N	<20	7	20	N
020PC2	<2.0	N	N	500	50	150	200	<10	N	200	100	N
020PC3	N	N	N	150	20	20	200	N	<50	150	300	N
020R1	<1.0	N	N	N	100	N	30	N	N	<5	N	N
020R2	N	N	N	7	N	N	20	N	N	<5	30	N
020R3	<1.0	N	N	N	10	N	20	N	N	5	<10	N
020S1	1.0	N	N	10	20	30	30	N	N	10	30	N
020S2	1.0	N	N	20	30	50	30	N	20	20	70	N
020SS	1.5	N	N	30	30	200	<20	5	N	30	30	N
021PC2	2.0	<20	N	200	200	2,000	300	N	N	200	100	N
021PC3	N	N	N	50	20	500	N	N	N	70	500	N
021R	<1.0	N	N	5	N	500	50	N	N	<5	N	N
021S1	1.0	N	N	10	30	50	30	N	20	20	50	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
015PC3	30	20	N	300	300	>500	N	>2,000	--	--
015R1	7	N	<100	100	N	20	N	300	<.05	.08
015R2	7	N	100	70	N	15	N	100	.06	.07
015S1	7	N	<100	50	N	15	N	300	.12	.33
015S2	7	N	<100	50	N	15	N	200	.12	.27
015SS	7	N	<100	100	N	20	N	300	--	.28
016R	5	N	200	50	N	10	N	100	.08	.08
016S1	5	N	100	50	N	15	N	300	.08	.28
016S2	5	N	100	50	N	15	N	300	.05	.13
016SS	5	N	100	50	N	10	N	50	--	--
017PC2	20	N	<200	150	N	70	N	200	--	--
017PC3	20	N	<200	150	N	100	N	>2,000	--	--
017R	7	<10	150	150	N	15	N	200	.07	.08
017S1	5	N	100	50	N	10	N	200	.05	.12
017S2	5	N	100	50	N	10	N	200	.12	.17
017SS	5	N	150	70	N	15	N	300	<.05	.12
018PC2	15	N	N	150	N	100	N	200	--	--
018PC3	20	N	<200	200	N	150	N	>2,000	--	--
018R1	10	N	100	150	N	30	N	500	.12	.06
018R2	7	N	300	100	N	20	N	200	.12	.07
018S1A	7	N	<100	70	N	15	N	200	<.05	.25
018S1B	5	N	<100	50	N	10	N	500	<.05	.32
018S2A	7	N	<100	70	N	15	N	200	.08	.20
018S2B	5	N	<100	50	N	15	N	300	.07	.31
018SS	7	<10	100	70	N	30	N	1,000	--	.60
019PC2	20	N	<200	200	N	70	700	300	--	--
019PC3	30	3,000	300	500	N	500	2,000	>2,000	--	--
019R1	7	N	300	150	N	10	N	100	.12	.05
019R2	7	N	150	70	N	15	N	100	.15	.05
019R3	N	N	<100	10	N	<10	N	30	.09	.03
019S1	5	N	100	70	N	10	N	300	--	.25
019S2	5	N	100	70	N	15	<200	300	<.05	.20
019SS	5	N	150	100	N	15	N	200	<.05	.09
020PC2	<10	N	N	100	N	20	1,000	100	--	--
020PC3	10	N	3,000	50	N	70	N	2,000	--	--
020R1	20	N	100	70	N	20	N	50	.06	.05
020R2	<5	N	150	20	N	10	<200	70	<.05	.04
020R3	<5	N	<100	20	N	<10	N	50	.08	.05
020S1	5	N	100	50	N	15	200	200	<.05	.46
020S2	7	N	<100	70	N	15	200	200	<.05	.22
020SS	5	N	100	100	N	10	500	70	--	.07
021PC2	10	N	N	300	N	100	500	200	--	--
021PC3	<10	N	10,000	20	N	20	1,500	>2,000	--	--
021R	<5	<10	<100	30	N	10	N	70	<.05	.04
021S1	7	N	100	70	N	15	<200	300	.07	.10

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUO	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
021S2	39 2 12	106 48 39	5.00	1.500	1.50	.300	1,000	.5	N	N	50	300
021SS	39 2 12	106 48 39	7.00	1.500	1.50	.200	1,000	3.0	N	N	20	5,000
022R1	39 3 36	106 52 42	2.00	.700	2.00	.300	100	N	N	N	10	500
022R2	39 2 19	106 53 15	.50	.030	.15	.030	10	N	N	N	<10	N
022R3	39 2 19	106 53 15	2.00	.100	.20	.100	10	<.5	N	N	<10	N
022S1	39 2 19	106 53 15	3.00	.700	1.50	.200	500	N	N	N	20	300
022S2	39 2 19	106 53 15	3.00	.700	1.50	.300	700	N	N	N	50	300
022SS	39 2 19	106 53 15	5.00	1.000	3.00	.300	700	N	N	N	20	300
023PC2	39 1 39	106 53 7	10.00	3.000	10.00	1.500	2,000	N	N	N	<20	70
023PC3	39 1 39	106 53 7	2.00	1.500	10.00	>2.000	300	N	N	N	20	1,500
023R	39 1 39	106 53 7	5.00	1.000	2.00	.300	200	N	N	N	10	300
023S1	39 1 39	106 53 7	3.00	1.000	2.00	.300	700	N	N	N	20	300
023S2	39 1 39	106 53 7	3.00	1.000	2.00	.300	500	N	N	N	20	300
023SS	39 1 39	106 53 7	7.00	1.000	3.00	.300	1,000	N	N	N	10	500
024PC2	39 0 52	106 53 26	10.00	3.000	10.00	.500	500	N	N	N	20	100
024PC3	39 0 52	106 53 26	2.00	3.000	10.00	2.000	200	N	N	N	20	1,000
024R1	39 0 52	106 53 26	2.00	1.500	5.00	.200	500	N	N	N	20	150
024R2	39 0 52	106 53 26	3.00	1.000	5.00	.150	300	N	N	N	10	N
024S1	39 0 52	106 53 26	.30	.300	1.00	.070	500	N	N	N	20	100
024S2	39 0 52	106 53 26	.50	.500	1.00	.100	300	N	N	N	30	150
024SS	39 0 52	106 53 26	5.00	1.000	3.00	.300	700	N	N	N	30	300
025PC2	39 5 33	106 49 17	50.00	2.000	10.00	2.000	1,500	1.0	N	N	50	500
025PC3	39 5 33	106 49 17	2.00	1.000	10.00	>2.000	500	N	N	N	50	>10,000
025R	39 5 33	106 49 17	.50	.200	1.50	.300	300	N	N	N	10	100
025S1	39 5 33	106 49 17	3.00	1.000	.70	.300	700	<.5	N	N	30	300
025S2	39 5 33	106 49 17	3.00	.700	1.00	.300	700	<.5	N	N	30	300
025SS	39 5 33	106 49 17	3.00	.700	1.50	.300	700	N	N	N	20	1,500
026PC2	39 5 21	106 49 5	50.00	2.000	5.00	1.000	5,000	20.0	N	N	30	1,000
026PC3	39 5 21	106 49 5	5.00	2.000	7.00	>2.000	700	N	N	N	50	>10,000
026S1	39 5 21	106 49 5	1.00	.500	1.50	.100	200	N	N	N	20	100
026S2	39 5 21	106 49 5	3.00	1.000	1.50	.300	700	.5	N	N	20	200
026SS	39 5 21	106 49 5	5.00	1.000	2.00	.300	1,000	.5	N	N	30	300
027R	39 5 15	106 48 53	3.00	3.000	20.00	.030	1,000	<.5	N	N	N	N
027S1	39 5 15	106 48 53	1.00	.500	1.50	.300	1,000	N	N	N	30	300
027S2	39 5 15	106 48 53	2.00	.700	1.00	.300	1,000	N	N	N	30	500
028PC2	39 4 20	106 52 51	>50.00	3.000	5.00	.300	1,000	15.0	N	N	50	300
028PC3	39 4 20	106 52 51	5.00	10.000	20.00	1.000	1,000	N	N	N	70	1,500
028R1	39 4 20	106 52 51	10.00	1.000	.10	.150	20	N	N	N	<10	100
028R2	39 4 20	106 52 51	1.00	2.000	5.00	.500	70	N	N	N	10	70
028R3	39 4 20	106 52 51	10.00	3.000	2.00	.300	150	N	N	N	<10	20
028S1	39 4 20	106 52 51	5.00	5.000	5.00	.200	1,000	<.5	N	N	50	300
028S2	39 4 20	106 52 51	5.00	5.000	5.00	.200	1,000	<.5	N	N	50	300
029PC2	39 5 4	106 52 10	50.00	2.000	10.00	.700	1,500	<1.0	N	N	20	300
029PC3	39 5 4	106 52 10	5.00	10.000	10.00	>2.000	1,000	N	N	N	150	1,500
029R1	39 5 4	106 52 10	1.00	.200	1.50	.300	200	N	N	N	10	100

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
021S2	1.0	N	N	10	30	150	30	N	20	20	50	N
021SS	<1.0	20	N	10	20	300	50	N	<20	10	150	N
022R1	1.0	N	N	7	10	50	30	N	<20	<5	<10	N
022R2	1.0	N	N	N	N	<5	<20	10	N	N	N	N
022R3	<1.0	N	N	<5	<10	5	<20	<5	N	N	N	N
022S1	1.0	N	N	7	20	15	20	N	<20	7	15	N
022S2	1.0	N	N	7	20	15	20	N	20	10	15	N
022SS	1.0	N	N	15	30	30	30	N	<20	15	20	N
023PC2	<2.0	N	N	50	100	30	500	N	<50	50	N	N
023PC3	N	500	N	20	150	<10	700	10	50	<10	20	N
023R	<1.0	N	N	7	10	10	30	N	N	5	<10	N
023S1	1.0	N	N	7	20	7	30	N	N	10	10	N
023S2	1.0	N	N	7	30	7	30	N	<20	10	10	N
023SS	<1.0	N	N	15	30	7	30	N	<20	10	10	N
024PC2	2.0	N	N	15	150	<10	70	N	N	30	N	N
024PC3	3.0	N	N	<10	100	<10	70	N	<50	<10	N	N
024R1	1.5	N	N	<5	150	N	30	N	N	50	N	N
024R2	<1.0	N	N	5	30	<5	20	N	N	10	N	N
024S1	1.0	N	N	N	10	7	20	N	N	<5	20	N
024S2	1.0	N	N	N	10	10	20	N	N	<5	20	N
024SS	1.0	N	N	10	30	15	30	N	<20	20	15	N
025PC2	2.0	N	N	150	200	200	500	N	<50	100	30	N
025PC3	3.0	N	100	10	100	<10	1,000	N	70	100	<20	N
025R	N	N	N	N	10	N	20	N	N	<5	N	N
025S1	1.0	N	N	7	30	20	30	N	20	10	15	N
025S2	1.0	N	N	7	30	30	30	N	<20	10	15	N
025SS	<1.0	N	N	7	20	15	30	N	<20	7	15	N
026PC2	2.0	<20	N	200	70	500	300	20	N	200	100	N
026PC3	3.0	150	50	30	100	20	500	N	<50	30	<20	N
026S1	<1.0	N	N	<5	10	10	20	N	N	<5	15	N
026S2	<1.0	N	N	10	20	30	30	N	<20	15	15	N
026SS	<1.0	N	N	15	30	20	30	N	<20	15	20	N
027R	N	N	N	<5	10	30	20	N	N	<5	<10	N
027S1	<1.0	N	N	<5	10	10	30	N	<20	5	20	N
027S2	1.0	N	N	7	20	15	30	N	20	7	20	N
028PC2	2.0	<20	N	200	70	700	700	30	N	300	150	N
028PC3	N	N	N	10	300	20	N	<10	N	20	<20	N
028R1	<1.0	N	N	<5	20	10	N	10	N	<5	<10	N
028R2	2.0	N	N	N	70	15	<20	N	15	<5	N	N
028R3	1.5	N	N	15	70	<5	N	N	N	20	N	N
028S1	1.5	N	N	15	100	50	30	<5	N	50	15	N
028S2	1.5	N	N	15	100	50	20	<5	N	50	20	N
029PC2	2.0	N	N	150	70	150	1,500	20	N	200	<20	N
029PC3	<2.0	<20	N	30	150	15	500	N	70	10	<20	N
029R1	1.5	N	N	N	<10	5	50	N	N	<5	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
021S2	7	N	100	70	N	20	<200	200	<.05	.13
021SS	5	N	150	100	N	15	700	200	<.05	.13
022R1	7	N	200	50	N	15	N	100	.06	.06
022R2	<5	N	<100	<10	N	N	N	30	<.05	.06
022R3	<5	N	<100	20	N	10	N	70	.09	.06
022S1	5	N	150	50	N	10	N	100	<.05	.24
022S2	5	N	150	50	N	20	N	200	<.05	.20
022SS	7	N	300	--	N	20	N	100	<.05	.14
023PC2	50	N	<200	200	N	150	N	200	--	--
023PC3	20	30	N	500	N	>500	N	>2,000	--	--
023R	10	N	200	70	N	20	N	200	.08	.06
023S1	7	N	150	70	N	20	N	200	<.05	.20
023S2	7	N	150	70	N	20	N	200	<.05	.23
023SS	10	N	300	--	N	20	N	100	--	.06
024PC2	10	N	<200	150	N	50	N	150	--	--
024PC3	15	N	<200	150	N	150	N	>2,000	--	--
024R1	10	N	<100	100	N	30	N	50	.08	.03
024R2	7	N	<100	50	N	20	N	200	.06	.05
024S1	5	N	<100	15	N	<10	N	50	<.05	.81
024S2	5	N	<100	20	N	<10	N	50	<.05	.55
024SS	7	N	150	--	N	20	N	300	<.05	.09
025PC2	30	N	1,000	700	N	150	N	500	--	--
025PC3	30	30	1,000	1,000	N	500	N	>2,000	--	--
025R	<5	<10	100	70	N	10	N	50	<.05	.07
025S1	5	N	150	70	N	15	N	200	<.05	.20
025S2	5	N	150	70	N	15	N	150	<.05	.20
025SS	5	N	150	70	N	15	N	100	<.05	.12
026PC2	30	N	500	500	N	100	N	500	--	--
026PC3	30	<20	2,000	1,000	N	300	N	>2,000	--	--
026S1	<5	N	150	20	N	<10	N	50	<.05	.19
026S2	5	N	200	70	N	15	N	200	<.05	.15
026SS	5	N	150	100	N	20	N	200	.50	.08
027R	<5	N	300	20	N	30	N	10	<.05	.05
027S1	5	N	100	30	N	10	N	100	<.05	.36
027S2	5	N	150	50	N	15	N	300	<.05	.20
028PC2	15	N	<200	150	N	70	700	150	--	--
028PC3	30	N	<200	500	N	50	N	500	--	--
028R1	7	N	<100	70	N	<10	N	200	.10	.05
028R2	15	N	500	100	N	70	N	700	.50	.05
028R3	10	N	N	150	N	20	N	200	.50	.05
028S1	10	N	300	100	N	30	N	200	<.05	.26
028S2	10	N	300	150	N	20	N	200	<.05	.23
029PC2	30	N	N	200	N	100	N	150	--	--
029PC3	30	30	<200	300	<100	200	N	>2,000	--	--
029R1	7	N	150	70	N	15	N	300	.09	.05

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
029R2	39 5 4	106 52 10	5.00	5.000	5.00	.500	500	N	N	N	20	700
029S1	39 5 4	106 52 10	3.00	2.000	1.00	.300	1,500	N	N	N	70	500
029S2	39 5 4	106 52 10	5.00	3.000	1.50	.500	1,000	N	N	N	100	500
030PC2	39 5 44	106 51 48	50.00	.700	7.00	1.000	1,000	N	N	N	50	100
030PC3	39 5 44	106 51 48	2.00	5.000	20.00	>2.000	1,000	N	N	N	100	10,000
030S1	39 5 44	106 51 48	2.00	1.000	1.00	.200	500	N	N	N	20	300
030S2	39 5 44	106 51 48	3.00	1.500	1.00	.300	700	N	N	N	30	300
030SS	39 5 44	106 51 48	5.00	.500	2.00	.200	100	N	N	N	30	500
031R1	39 2 39	106 52 55	10.00	3.000	7.00	.700	1,500	100.0	N	N	<10	30
031R2	39 2 39	106 52 55	3.00	2.000	2.00	.300	500	N	N	N	10	<20
031R3	39 2 39	106 52 55	3.00	3.000	3.00	1.000	1,000	N	N	N	10	200
031R4	39 2 39	106 52 55	5.00	2.000	5.00	.500	1,500	N	N	N	<10	<20
031R5	39 2 39	106 52 55	5.00	.300	.30	.100	150	N	N	N	<10	20
031S1	39 2 39	106 52 55	.70	.150	.70	.200	500	N	N	N	15	200
031S2	39 2 39	106 52 55	2.00	.500	1.00	.500	700	<.5	N	N	50	500
031SS	39 2 39	106 52 55	10.00	2.000	10.00	1.000	1,500	N	N	N	<20	500
032R1	39 2 45	106 51 45	15.00	.150	.15	.150	150	7.0	N	N	<10	100
032R2	39 2 45	106 51 45	5.00	1.000	1.50	.300	1,000	10.0	N	N	<10	50
032R3	39 2 44	106 52 27	10.00	5.000	5.00	.500	1,000	5.0	N	N	<10	5,000
032S1	39 2 44	106 52 27	5.00	1.000	1.00	.700	1,500	N	N	N	50	500
032S2	39 2 44	106 52 27	7.00	1.500	1.00	.700	1,000	<.5	N	N	50	500
033R	39 2 49	106 51 56	10.00	2.000	5.00	.300	500	5.0	N	N	<10	1,000
033S1	39 2 49	106 51 56	5.00	1.500	1.00	.500	700	<.5	N	<10	20	500
033S2	39 2 49	106 51 56	5.00	1.500	.50	.500	500	.5	N	N	30	500
034R1	39 2 59	106 51 53	7.00	5.000	3.00	.500	200	3.0	N	N	<10	1,000
034R2	39 2 59	106 51 53	5.00	.300	.20	.500	15	2.0	N	N	10	300
034S1	39 2 59	106 51 53	2.00	.500	.70	.200	1,000	<.5	N	<10	15	300
034S2	39 2 59	106 51 53	5.00	.700	.70	.500	1,500	<.5	N	N	30	500
035S1	39 3 17	106 53 0	3.00	.700	1.00	.300	1,500	N	N	N	20	500
035S2	39 3 17	106 53 0	3.00	.700	.70	.300	2,000	N	N	N	15	500
036R	39 3 13	106 53 5	5.00	.700	1.00	.500	150	2.0	N	N	<10	500
036S1	39 3 13	106 53 5	3.00	1.000	1.00	.500	2,000	<.5	N	N	20	500
036S2	39 3 13	106 53 5	5.00	1.500	1.00	.500	1,500	N	N	N	50	700
037R	39 3 8	106 53 7	5.00	1.000	1.00	.300	150	5.0	N	N	<10	700
037S1	39 3 8	106 53 7	5.00	1.500	1.00	.500	1,000	N	N	N	30	500
037S2	39 3 8	106 53 7	5.00	1.000	1.00	.500	1,000	N	N	10	20	500
038R	39 4 37	106 52 14	2.00	.700	>20.00	.300	300	1.0	N	N	<10	500
039S1	39 4 28	106 52 22	10.00	7.000	7.00	1.000	1,000	<.5	N	N	50	1,000
039S2	39 4 28	106 52 22	15.00	10.000	5.00	1.000	500	<.5	N	N	50	1,000
040S1	39 4 17	106 52 26	20.00	7.000	7.00	1.000	1,500	<.5	N	N	30	1,000
040S2	39 4 17	106 52 26	20.00	5.000	7.00	1.000	1,000	.5	N	N	20	1,000
041S1	39 4 11	106 52 28	10.00	3.000	2.00	.700	3,000	.5	N	N	30	1,500
041S2	39 4 11	106 52 28	10.00	2.000	1.50	.700	3,000	N	N	N	30	1,500
042R	39 4 7	106 52 30	2.00	1.000	1.00	.500	50	N	N	N	10	300
042S1	39 4 7	106 52 30	1.50	.700	1.50	.200	1,500	<.5	N	N	20	700

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
029R2	2.0	N	N	30	200	20	70	N	N	50	N	N
029S1	1.5	N	N	10	70	30	20	<5	N	30	15	N
029S2	1.5	N	N	15	100	30	50	5	<10	50	15	N
030PC2	<2.0	N	N	50	200	100	500	N	<50	50	<20	N
030PC3	5.0	N	50	<10	150	<10	1,000	<10	70	<10	<20	N
030S1	1.5	N	N	5	50	20	<20	N	<10	15	10	N
030S2	1.5	N	N	10	70	30	30	<5	<10	20	10	N
030SS	1.0	N	N	<5	30	7	20	N	N	10	10	N
031R1	1.5	10	N	5	100	500	N	N	N	15	100	200
031R2	1.5	N	N	10	500	30	N	5	<10	15	<10	N
031R3	1.0	N	N	15	500	20	30	7	10	20	<10	N
031R4	1.0	N	N	5	500	20	N	7	<10	15	<10	N
031R5	<1.0	<10	N	N	30	10	N	5	N	<5	20	N
031S1	1.0	N	N	<5	10	10	<20	N	N	<5	10	N
031S2	1.5	N	N	<5	20	20	20	N	N	5	15	N
031SS	3.0	N	N	<10	70	50	<50	N	N	20	<20	N
032R1	1.0	10	N	N	30	500	N	30	N	<5	30	N
032R2	1.5	N	N	5	100	700	N	N	N	15	20	<100
032R3	2.0	N	N	5	200	500	N	7	N	15	30	N
032S1	1.5	<10	N	10	50	100	20	<5	<10	20	20	N
032S2	1.5	<10	N	15	50	200	50	7	<10	20	15	N
033R	1.5	N	N	7	<10	200	30	N	N	<5	20	N
033S1	1.5	<10	N	10	50	200	50	20	<10	10	20	N
033S2	1.5	<10	N	7	50	100	50	30	<10	15	10	N
034R1	1.5	<10	N	7	100	200	50	N	N	15	<10	N
034R2	1.5	<10	N	N	<10	100	50	100	N	<5	<10	N
034S1	1.0	N	N	<5	20	30	<20	10	N	5	15	N
034S2	1.5	N	N	7	50	50	20	50	<10	10	10	N
035S1	1.5	N	N	7	50	50	20	<5	<10	15	20	N
035S2	1.5	N	N	7	50	30	20	<5	N	10	15	N
036R	1.5	<10	N	<5	10	30	20	150	N	<5	<10	N
036S1	1.5	N	N	10	50	30	30	5	<10	10	10	N
036S2	1.5	N	N	15	70	30	50	20	<10	20	15	N
037R	1.5	<10	N	15	10	50	70	N	N	<5	15	N
037S1	1.5	N	N	15	50	30	50	5	<10	20	20	N
037S2	1.5	N	N	10	50	50	30	5	<10	15	20	N
038R	1.5	N	N	N	150	20	N	30	N	20	20	N
039S1	3.0	N	N	20	70	150	30	N	<10	70	20	N
039S2	3.0	N	N	30	100	100	50	5	10	70	15	N
040S1	2.0	10	N	30	70	200	100	15	<10	100	30	N
040S2	2.0	10	N	50	70	200	70	30	<10	70	15	N
041S1	2.0	N	N	20	70	100	50	<5	10	50	20	N
041S2	2.0	<10	N	15	50	50	30	<5	10	30	20	N
042R	3.0	N	N	5	N	150	70	N	N	15	10	N
042S1	1.0	<10	N	5	10	30	20	<5	N	5	15	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
029R2	20	N	100	200	N	30	N	300	.08	.06
029S1	10	N	100	100	N	10	<200	300	<.05	.20
029S2	15	N	200	150	N	30	200	300	<.05	.14
030PC2	20	N	N	1,000	N	100	N	1,000	--	--
030PC3	50	30	300	300	200	>500	N	>2,000	--	--
030S1	7	N	100	50	N	10	N	200	<.05	.24
030S2	10	N	100	100	N	20	N	200	<.05	.17
030SS	5	N	150	100	N	10	N	300	<.05	.12
031R1	15	N	100	200	N	15	N	500	<.05	.15
031R2	10	N	<100	150	N	15	N	300	<.05	.07
031R3	15	N	100	300	N	30	N	700	<.05	.08
031R4	20	N	<100	150	N	15	N	500	<.05	.12
031R5	<5	N	N	30	N	N	N	100	<.05	<.02
031S1	<5	N	<100	20	N	15	N	200	<.05	.26
031S2	7	N	100	50	N	15	N	500	<.05	.09
031SS	15	N	<200	150	<100	50	N	500	<.05	.05
032R1	<5	<10	N	50	N	N	N	70	.08	.02
032R2	7	10	N	70	N	20	N	200	<.05	.03
032R3	15	15	200	200	N	30	N	150	.08	.02
032S1	7	N	100	70	N	20	N	500	<.05	.14
032S2	10	N	100	150	N	20	N	700	<.05	.04
033R	10	N	1,000	100	N	20	N	70	<.05	.02
033S1	7	N	200	70	N	20	N	500	<.05	.14
033S2	10	N	150	100	N	20	N	500	.08	.05
034R1	20	N	500	300	N	20	N	70	<.05	<.01
034R2	7	N	<100	50	N	15	N	100	<.05	.01
034S1	5	N	<100	50	N	15	N	200	<.05	.54
034S2	7	N	100	70	N	15	N	500	<.05	.18
035S1	7	N	100	70	N	20	N	300	<.05	.46
035S2	7	N	100	70	N	15	N	300	<.05	.18
036R	7	N	300	100	N	10	N	150	<.05	.01
036S1	7	N	150	70	N	20	N	300	<.05	.16
036S2	10	N	150	100	N	20	N	500	<.05	.08
037R	7	N	500	70	N	15	N	100	<.05	.01
037S1	10	N	200	70	<50	20	N	500	<.05	.08
037S2	7	N	200	100	N	15	N	500	<.05	.10
038R	10	N	300	150	N	10	N	150	.20	.02
039S1	15	N	150	200	N	20	N	>1,000	<.05	.04
039S2	15	N	200	200	N	20	N	500	<.05	N
040S1	15	N	300	500	N	20	N	1,000	<.05	N
040S2	10	N	300	200	N	20	N	200	<.05	.02
041S1	10	N	200	150	N	20	N	300	<.05	N
041S2	10	N	150	150	N	20	N	300	<.05	.12
042R	15	N	500	70	N	20	N	200	.10	N
042S1	<5	N	150	30	N	10	<200	150	<.10	.60

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
042S2	39 4 7	106 52 30	5.00	2.000	2.00	.300	3,000	<.5	N	N	30	700
042SS1	39 4 7	106 52 30	3.00	3.000	2.00	.200	700	.5	N	N	50	300
042SS2	39 4 7	106 52 30	3.00	3.000	2.00	.200	700	<.5	N	N	50	300
043R	39 4 2	106 52 35	5.00	>10.000	>20.00	.300	1,500	N	N	N	20	100
043S1	39 4 2	106 52 35	1.00	.700	1.00	.150	1,000	.5	N	N	15	500
043S2	39 4 2	106 52 35	7.00	10.000	2.00	.300	3,000	<.5	N	N	150	700
044R1	39 2 52	106 52 48	10.00	3.000	5.00	.500	700	N	N	N	<10	1,500
044R2	39 2 52	106 52 48	10.00	2.000	2.00	.500	200	N	N	N	<10	2,000
044S1	39 2 52	106 52 48	7.00	1.500	1.50	.700	1,500	<.5	N	N	30	1,000
044S2	39 2 52	106 52 48	10.00	1.500	2.00	1.000	500	<.5	N	N	50	1,000
044SS	39 2 52	106 52 48	3.00	.700	1.50	.300	500	N	N	N	10	1,000
045R1	39 2 43	106 52 44	15.00	.300	5.00	.010	1,000	500.0	N	N	<10	500
045R2	39 2 43	106 52 44	15.00	.070	<.05	N	5,000	10.0	N	N	<10	>5,000
045R3	39 2 43	106 52 44	15.00	.200	.10	<.002	>5,000	20.0	N	N	<10	>5,000
045R4	39 2 43	106 52 44	20.00	.700	.10	.150	200	200.0	N	70	20	1,000
045S1	39 2 43	106 52 44	3.00	.700	1.50	.200	1,500	<.5	N	N	20	1,000
045S2	39 2 43	106 52 44	3.00	1.500	1.50	.300	3,000	<.5	N	N	30	1,500
046R	39 2 38	106 52 45	10.00	5.000	20.00	.700	1,500	N	N	N	<10	5,000
046S1	39 2 38	106 52 45	5.00	3.000	2.00	.500	3,000	<.5	N	N	20	1,500
046S2	39 2 38	106 52 45	5.00	2.000	2.00	.500	2,000	N	N	N	30	1,000
047PC2	39 2 34	106 52 47	20.00	1.000	20.00	.300	2,000	N	N	N	<20	100
047S1	39 2 34	106 52 47	2.00	.700	1.50	.500	3,000	<.5	N	N	30	700
047S2	39 2 34	106 52 47	3.00	1.000	1.50	.700	2,000	N	N	N	30	700
047SS	39 2 34	106 52 47	3.00	1.000	1.50	.300	1,000	N	N	N	15	300
048R1	39 3 5	106 52 31	10.00	.700	.30	.700	150	N	N	N	10	700
048R2	39 3 5	106 52 31	5.00	1.500	7.00	.300	500	N	N	N	<10	1,000
048S1	39 3 5	106 52 31	5.00	1.500	1.50	.700	1,500	<.5	N	N	30	1,000
048S2	39 3 5	106 52 31	7.00	2.000	2.00	1.000	1,000	<.5	N	N	20	1,000
049R1	39 3 10	106 52 32	10.00	.500	.20	.500	50	N	N	N	15	1,000
049R2	39 3 10	106 52 32	3.00	.300	.30	.500	50	N	N	N	10	300
049S1	39 3 10	106 52 32	7.00	1.500	1.00	.700	1,500	<.5	N	N	20	1,500
049S2	39 3 10	106 52 32	3.00	1.000	.50	.700	500	<.5	N	N	20	1,000
050R1	39 3 14	106 52 31	3.00	.070	.15	.150	200	3.0	N	N	15	>5,000
050R2	39 3 14	106 52 31	3.00	.150	.20	.500	30	N	N	N	<10	1,000
050S1	39 3 14	106 52 31	5.00	1.000	.50	.500	1,000	<.5	N	N	50	1,500
050S2	39 3 14	106 52 31	10.00	1.500	.50	1.000	2,000	<.5	N	N	100	2,000
051R1	39 3 18	106 52 29	1.50	.100	.20	.300	20	N	N	N	15	1,500
051R2	39 3 18	106 52 29	2.00	.500	.50	.700	100	N	N	N	10	300
051S1	39 3 18	106 52 29	10.00	1.500	1.00	1.000	5,000	<.5	N	N	50	1,500
051S2	39 3 18	106 52 29	10.00	1.000	1.00	.700	2,000	<.5	N	N	50	1,000
052R1	39 3 25	106 52 28	10.00	.500	.20	.300	150	N	N	N	10	1,000
052R2	39 3 25	106 52 28	7.00	1.000	.30	.500	30	N	N	N	50	500
052S1	39 3 25	106 52 28	10.00	1.000	.50	1.000	500	<.5	N	N	50	1,000
052S2	39 3 25	106 52 28	10.00	1.000	.50	.500	300	<.5	N	N	50	1,000
053R1	39 3 29	106 52 33	1.50	.100	.07	.500	N	N	N	N	<10	70

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
042S2	2.0	<10	N	15	30	150	20	<5	<10	20	15	N
042SS1	1.0	N	N	7	30	150	70	10	<20	30	20	N
042SS2	1.5	N	N	7	30	150	30	7	<20	30	15	N
043R	1.5	N	N	7	100	100	100	20	N	50	<10	N
043S1	1.5	<10	N	<5	10	20	20	N	N	<5	30	N
043S2	1.0	N	N	30	50	50	<20	5	<10	50	15	N
044R1	3.0	N	N	5	N	30	50	10	N	10	15	N
044R2	2.0	N	N	5	N	100	N	5	N	10	20	N
044S1	1.5	<10	N	15	70	50	30	7	15	20	20	N
044S2	1.5	N	N	15	70	50	30	10	15	20	20	N
044SS	1.5	N	N	10	200	700	50	30	20	15	20	N
045R1	N	500	N	N	N	>20,000	N	70	N	15	100	N
045R2	N	1,000	N	N	N	7,000	N	10	N	10	70	N
045R3	N	1,000	N	N	N	10,000	N	20	N	5	20	N
045R4	N	1,000	N	<5	20	>20,000	N	20	N	20	70	N
045S1	2.0	<10	N	10	15	150	20	<5	N	10	30	N
045S2	3.0	<10	N	15	30	200	30	<5	15	20	50	N
046R	5.0	N	N	7	100	150	70	5	N	30	15	N
046S1	2.0	N	N	15	70	50	70	<5	15	50	30	N
046S2	1.5	N	N	15	70	30	50	<5	10	30	15	N
047PC2	N	N	N	10	70	10	100	<10	<50	20	N	N
047S1	1.5	<10	N	10	15	20	30	<5	10	15	20	N
047S2	2.0	<10	N	15	30	30	30	<5	10	15	20	N
047SS	1.5	N	N	5	50	30	30	N	<20	20	15	N
048R1	1.0	N	N	7	10	200	N	1,000	N	10	<10	N
048R2	3.0	N	N	N	10	150	<20	30	N	10	15	N
048S1	2.0	<10	N	15	50	150	50	50	<10	20	30	N
048S2	1.5	<10	N	15	70	150	50	50	10	20	20	N
049R1	5.0	N	N	N	10	200	50	200	N	10	N	N
049R2	3.0	N	N	N	10	200	20	200	N	10	N	N
049S1	2.0	<10	N	15	30	200	50	70	10	15	30	N
049S2	1.5	<10	N	10	30	100	30	50	10	15	15	N
050R1	5.0	N	N	N	N	500	20	30	N	10	N	N
050R2	2.0	N	N	N	N	70	N	20	N	7	N	N
050S1	2.0	<10	N	15	15	700	50	100	<10	7	20	N
050S2	3.0	<10	N	20	15	2,000	70	200	<10	7	20	N
051R1	1.0	N	N	N	15	50	20	N	N	15	N	N
051R2	3.0	N	N	N	10	200	30	50	N	70	10	N
051S1	2.0	<10	N	15	30	1,000	70	70	10	15	20	N
051S2	2.0	<10	N	15	30	500	50	70	10	15	20	N
052R1	2.0	N	N	N	10	1,000	20	70	N	10	20	N
052R2	3.0	N	N	N	20	100	20	10	N	10	N	N
052S1	2.0	<10	N	10	15	200	100	100	10	15	15	N
052S2	2.0	<10	N	10	30	200	30	100	10	10	10	N
053R1	N	N	N	N	30	<5	N	10	N	10	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
042S2	7	N	150	100	N	15	300	200	<.05	.24
042SS1	10	N	150	100	N	30	N	150	<.05	--
042SS2	10	N	100	100	50	20	N	100	<.05	--
043R	20	N	1,000	200	N	50	N	70	<.05	N
043S1	<5	N	N	30	N	<10	200	70	<.10	.52
043S2	10	N	<100	100	N	30	300	200	<.05	N
044R1	15	N	1,500	150	N	30	N	100	<.05	N
044R2	15	N	1,000	150	N	20	N	100	.05	N
044S1	10	N	150	150	N	20	N	500	<.05	.02
044S2	15	N	150	150	N	20	N	300	<.05	.08
044SS	7	<10	500	70	<50	30	N	200	<.05	--
045R1	5	N	N	10	N	30	7,000	N	2.50	.18
045R2	N	N	>5,000	<10	N	20	N	N	.30	N
045R3	N	N	>5,000	10	N	20	N	N	.70	N
045R4	5	N	N	30	N	20	5,000	100	200.00	.20
045S1	5	N	100	70	N	10	<200	300	<.05	.26
045S2	10	N	100	100	N	20	200	300	<.05	.50
046R	20	N	500	150	N	70	N	500	.10	N
046S1	15	N	200	150	N	30	N	500	<.10	.20
046S2	10	N	150	150	N	30	<200	300	<.05	.10
047PC2	20	N	<200	300	N	70	N	500	--	--
047S1	5	N	150	70	N	15	200	200	<.20	.94
047S2	7	N	150	100	N	20	200	300	<.10	N
047SS	10	<10	100	100	<50	20	N	150	--	--
048R1	10	N	200	100	N	N	N	300	<.05	N
048R2	7	N	700	70	N	10	N	70	.05	N
048S1	10	N	200	150	N	20	N	300	<.05	.10
048S2	10	N	200	200	N	20	N	500	<.05	N
049R1	10	N	200	150	N	<10	N	200	.05	N
049R2	10	N	200	150	N	10	N	200	.10	N
049S1	7	N	300	150	N	15	N	300	<.05	.12
049S2	7	N	200	150	N	20	N	300	<.05	N
050R1	N	N	>5,000	30	N	<10	N	100	.05	N
050R2	10	N	150	50	N	N	N	150	.05	N
050S1	7	N	100	100	N	20	N	200	<.05	.30
050S2	15	N	100	150	N	20	N	200	<.05	.02
051R1	7	N	200	50	N	N	N	200	.05	.02
051R2	15	N	150	100	N	30	N	500	<.05	N
051S1	15	N	200	200	N	20	N	300	<.05	.68
051S2	10	N	200	200	N	20	N	500	<.05	.12
052R1	7	N	200	70	N	N	N	200	.10	N
052R2	15	N	200	150	N	10	N	300	.05	N
052S1	10	N	150	150	N	10	N	300	<.05	.02
052S2	10	N	100	150	N	10	N	300	<.10	N
053R1	10	N	100	100	N	10	N	300	<.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
053R2	39 3 29	106 52 33	2.00	.300	.10	.300	70	N	N	N	30	500
053S1	39 3 29	106 52 33	3.00	.700	.70	.500	2,000	N	N	N	70	1,000
053S2	39 3 29	106 52 33	5.00	1.000	.70	.700	300	N	N	N	50	1,500
054R1	39 3 35	106 52 31	.70	.200	.07	.300	<10	N	N	N	10	200
054R2	39 3 35	106 52 31	10.00	2.000	.15	.300	30	N	N	N	<10	150
054S1	39 3 35	106 52 31	5.00	1.000	.70	.700	300	<.5	N	N	50	1,000
054S2	39 3 35	106 52 31	7.00	1.000	.70	.500	300	<.5	N	N	20	1,000
055R1	39 0 59	106 53 39	15.00	5.000	2.00	.300	500	N	N	N	20	1,000
055R2	39 0 59	106 53 39	20.00	<.200	<.05	.003	30	200.0	5,000	N	70	300
055R3	39 0 59	106 53 39	1.50	1.500	1.00	.150	200	N	N	N	<10	1,500
056R1	39 0 44	106 53 26	1.50	1.500	1.50	.300	5,000	N	N	N	<10	2,000
056R2	39 0 44	106 53 26	10.00	5.000	20.00	.300	2,000	N	N	N	<10	100
057R1	39 3 12	106 53 14	.50	.020	<.05	.070	50	1.5	N	N	<10	1,000
057R2	39 3 12	106 53 14	>20.00	<.020	<.05	.070	N	10.0	N	N	100	150
057R3	39 3 12	106 53 14	10.00	.050	.07	.070	100	50.0	N	N	10	200
057R4	39 3 12	106 53 14	5.00	.030	.05	.100	50	200.0	N	N	<10	300
057R5	39 3 12	106 53 14	15.00	.070	.05	.150	70	700.0	N	N	20	500
058R1	39 3 17	106 53 13	10.00	.200	.07	.500	200	5.0	N	N	20	200
058R2	39 3 17	106 53 13	5.00	2.000	2.00	.300	1,000	.5	N	N	<10	1,500
058S	39 3 17	106 53 13	10.00	1.500	.70	.500	1,500	N	N	N	30	1,000
059R1	39 3 19	106 53 18	20.00	.500	.15	.500	100	.7	N	N	50	150
059R2	39 3 19	106 53 18	5.00	.700	.05	.500	N	N	N	N	15	700
059SS	39 3 19	106 53 18	7.00	1.500	1.00	.500	500	.7	N	N	<10	700
060R	39 3 22	106 53 19	15.00	N	<.05	.150	N	N	N	N	30	100
061R1	39 3 25	106 53 9	15.00	.200	.20	.500	10	N	N	N	<10	50
061R2	39 3 25	106 53 9	10.00	.700	.30	.700	100	1.5	N	N	<10	50
061SA	39 3 25	106 53 9	7.00	1.500	1.00	.700	500	<.5	N	N	50	1,000
061SB	39 3 25	106 53 9	15.00	.700	.20	.700	70	<.5	N	N	10	500
062R1	39 2 39	106 52 21	10.00	.200	10.00	.007	>5,000	N	N	N	10	20
062R2	39 2 39	106 52 21	1.50	.300	1.00	.200	500	.7	N	N	<10	1,000
063R1	39 2 53	106 52 1	2.00	.100	.10	.050	200	10.0	N	N	10	300
063R2	39 2 53	106 52 1	1.00	.300	<.05	.200	70	.5	N	N	10	5,000
063R3	39 2 53	106 52 1	1.50	.030	<.05	.030	30	10.0	N	N	<10	200
063R4	39 2 53	106 52 1	1.00	.200	.30	.070	30	N	N	N	<10	300
063S	39 2 53	106 52 1	15.00	2.000	1.50	.500	200	1.5	N	N	10	1,000
064R1	39 2 58	106 52 4	.50	.050	<.05	.100	N	N	N	N	<10	500
064R2	39 2 58	106 52 4	.50	.200	.20	.050	30	N	N	N	<10	300
064R3	39 2 58	106 52 4	.70	.100	.05	.100	N	N	N	N	<10	100
064S	39 2 58	106 52 4	7.00	1.000	.30	.500	300	.7	N	N	30	1,000
065R1	39 3 2	106 52 4	.50	.070	.05	.100	N	N	N	N	<10	<20
065R2	39 3 2	106 52 4	.50	.200	.15	.100	20	N	N	N	<10	300
065R3	39 3 2	106 52 4	1.00	.100	.07	.150	N	N	N	N	<10	20
065S	39 3 2	106 52 4	7.00	1.000	.50	.700	200	<.5	N	N	30	700
066R	39 3 6	106 52 6	1.50	.020	.07	.070	15	1.0	N	N	<10	500
066S	39 3 6	106 52 6	7.00	.700	.30	.500	300	2.0	N	N	70	1,500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
053R2	3.0	N	N	5	N	20	50	7	N	10	N	N
053S1	1.5	<10	N	10	20	50	20	5	10	10	30	N
053S2	1.0	<10	N	10	30	30	30	5	15	15	15	N
054R1	2.0	N	N	N	10	<5	<20	N	N	7	N	N
054R2	1.5	N	N	5	150	150	N	15	N	15	<10	N
054S1	1.0	<10	N	15	30	50	50	30	15	10	20	N
054S2	1.5	<10	N	15	30	150	50	50	10	10	30	N
055R1	5.0	N	N	10	100	<5	30	N	N	50	10	N
055R2	N	50	N	N	N	1,000	20	15	N	7	300	<100
055R3	1.0	N	N	<5	50	<5	N	N	N	15	10	N
056R1	1.5	N	N	<5	70	<5	N	N	N	15	15	N
056R2	2.0	N	N	10	150	<5	N	5	N	50	N	N
057R1	1.0	N	N	<5	N	50	N	1,000	N	15	10	N
057R2	N	N	N	5	10	50	N	N	N	<5	20	N
057R3	<1.0	N	N	N	10	30	30	N	N	5	1,000	100
057R4	<1.0	N	N	N	N	150	20	10	N	7	1,500	200
057R5	<1.0	N	N	<5	N	150	100	50	N	7	1,500	700
058R1	1.5	N	N	5	N	15	<20	N	N	5	<10	N
058R2	3.0	N	N	5	N	100	50	N	N	5	15	N
058S	1.0	<10	N	15	30	100	50	20	10	15	20	N
059R1	1.0	N	N	5	70	20	<20	500	N	5	N	N
059R2	2.0	N	N	5	N	20	30	N	N	7	N	N
059SS	1.0	15	N	50	70	150	70	200	<20	30	20	N
060R	N	N	N	N	50	30	20	N	N	N	N	N
061R1	3.0	N	N	7	70	7	N	N	N	50	<10	N
061R2	2.0	N	N	5	150	<5	N	5	N	15	15	N
061SA	1.0	<10	N	15	70	30	30	<5	20	15	20	N
061SB	N	<10	N	5	50	30	<20	<5	10	5	10	N
062R1	1.0	N	N	N	20	70	20	5	N	15	N	N
062R2	<1.0	N	N	<5	20	100	<20	N	N	7	10	N
063R1	1.5	N	N	5	N	30	70	20	N	10	<10	N
063R2	1.0	N	N	5	N	15	50	30	N	5	<10	N
063R3	1.0	N	N	5	10	50	N	50	N	7	10	N
063R4	1.5	N	N	N	N	100	N	10	N	<5	N	N
063S	2.0	<10	N	7	10	1,000	50	150	<10	<5	15	N
064R1	N	N	N	N	N	10	N	150	N	<5	N	N
064R2	1.0	N	N	N	N	30	N	20	N	<5	N	N
064R3	1.0	N	N	N	N	70	N	30	N	<5	N	N
064S	2.0	<10	N	7	15	500	70	300	10	5	30	N
065R1	1.0	N	N	N	N	50	N	200	N	<5	N	N
065R2	1.0	N	N	N	N	70	N	70	N	<5	N	N
065R3	1.5	N	N	N	10	50	N	200	N	<5	N	N
065S	2.0	<10	N	5	15	700	50	150	<10	5	10	N
066R	<1.0	N	N	N	<10	15	N	20	N	<5	N	N
066S	1.5	<10	N	5	20	300	50	20	15	7	15	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
053R2	7	N	100	70	N	10	N	200	<.05	N
053S1	7	N	100	70	N	10	N	200	<.20	.50
053S2	7	N	100	150	N	15	N	300	<.05	.04
054R1	15	N	<100	100	N	15	N	200	<.05	N
054R2	10	<10	N	200	N	10	N	500	.05	.02
054S1	10	N	150	150	N	15	N	300	<.05	.04
054S2	10	N	200	150	<50	10	N	150	<.05	.02
055R1	15	N	100	200	N	20	N	200	.05	N
055R2	N	N	N	30	N	15	300	N	2.70	.36
055R3	5	N	100	100	N	10	N	70	.10	.02
056R1	7	N	150	150	N	15	N	200	<.05	N
056R2	15	N	200	150	N	50	N	200	<.05	N
057R1	N	N	N	<10	N	N	N	N	<.05	N
057R2	N	N	N	50	N	15	N	<10	<.05	N
057R3	N	N	200	20	N	N	N	<10	<.05	.10
057R4	<5	N	150	15	N	<10	N	70	.05	.02
057R5	5	N	300	30	N	10	N	70	<.05	.04
058R1	10	N	N	150	<50	<10	N	300	.10	N
058R2	7	N	700	70	N	20	N	150	.10	N
058S	10	N	200	150	N	15	N	300	<.10	.10
059R1	10	N	N	300	N	15	N	200	.20	N
059R2	7	N	N	150	<50	30	N	200	.10	N
059SS	15	N	100	100	<50	30	N	200	.05	--
060R	5	N	N	<10	N	N	N	100	.10	N
061R1	15	N	<100	70	<50	15	N	150	.20	N
061R2	15	N	N	200	N	10	N	300	.10	N
061SA	10	N	150	150	N	30	N	500	<.05	.02
061SB	7	N	<100	200	N	<10	N	300	<.05	N
062R1	30	N	100	50	N	70	200	N	.20	.02
062R2	10	N	N	50	N	<10	N	70	.05	N
063R1	<5	N	N	30	70	30	N	30	3.50	N
063R2	10	N	N	150	N	N	N	70	.05	<.02
063R3	N	N	N	20	<50	N	N	10	.70	N
063R4	N	N	200	30	N	N	N	20	.10	N
063S	15	N	500	200	<50	20	N	300	<.05	N
064R1	5	N	N	30	N	N	N	50	<.05	N
064R2	N	N	200	20	N	N	N	50	<.05	N
064R3	5	N	N	30	N	N	N	70	<.05	.02
064S	10	N	150	100	N	30	N	300	<.05	.06
065R1	<5	N	<100	30	N	N	N	70	.20	N
065R2	5	N	200	30	N	N	N	70	.10	N
065R3	5	N	N	50	N	N	N	100	.10	N
065S	10	N	150	100	N	15	N	300	<.05	N
066R	<5	N	100	20	N	N	N	70	.20	N
066S	10	N	100	150	N	20	N	300	<.05	.04

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
067PC2	39 2 45	106 51 55	30.00	2.000	15.00	.300	1,500	5.0	N	N	<20	200
067PC3	39 2 45	106 51 55	2.00	5.000	10.00	>2.000	1,000	N	N	N	50	>10,000
067R	39 2 45	106 51 55	10.00	.200	.15	.100	100	2.0	N	N	<10	70
067SS	39 2 45	106 51 55	5.00	2.000	1.50	.300	1,000	1.0	N	N	<10	500
068PC2	39 0 37	106 53 34	50.00	.500	.30	1.000	300	N	N	N	30	70
068PC3	39 0 37	106 53 34	1.50	.300	5.00	>2.000	150	N	N	N	<20	500
068SS1	39 0 37	106 53 34	5.00	1.500	.70	.500	700	N	N	N	50	500
068SS2	39 0 37	106 53 34	5.00	1.000	.50	.500	300	N	N	N	30	700
069APC2	39 0 24	106 53 34	50.00	.500	.50	1.000	300	N	N	N	20	100
069APC3	39 0 24	106 53 34	.70	.700	3.00	>2.000	300	N	N	N	<20	500
069BPC2	39 0 24	106 53 34	50.00	.200	.50	1.000	300	N	N	N	20	100
069BPC3	39 0 24	106 53 34	.70	.700	7.00	>2.000	300	N	N	N	<20	200
069CPC2	39 0 24	106 53 34	50.00	.200	.30	1.000	200	N	N	N	300	70
069CPC3	39 0 24	106 53 34	.30	.500	10.00	>2.000	200	N	N	N	<20	150
069R1	39 0 24	106 53 34	5.00	5.000	.50	.200	200	N	N	N	20	300
069R2	39 0 24	106 53 34	.50	.100	.05	.070	<10	N	N	N	<10	500
069SS1	39 0 24	106 53 34	3.00	1.000	.50	.200	300	N	N	N	20	500
069SS2	39 0 24	106 53 34	3.00	1.000	.70	.200	200	N	N	N	50	500
069SS3	39 0 24	106 53 34	5.00	1.000	.70	.300	500	N	N	N	100	700
070PC2	39 0 35	106 53 37	50.00	.200	.15	1.000	500	<1.0	N	N	30	200
070PC3	39 0 35	106 53 37	.70	.300	5.00	>2.000	200	N	N	N	<20	>10,000
070R	39 0 35	106 53 37	.50	.030	<.05	.030	100	N	N	N	<10	500
070SS	39 0 35	106 53 37	3.00	.700	.30	.300	300	N	N	N	30	500
071PC2	39 0 36	106 53 36	>50.00	.200	.15	1.000	300	N	N	N	30	150
071PC3	39 0 36	106 53 36	.20	.300	5.00	>2.000	<20	N	N	N	<20	1,500
071R	39 0 36	106 53 36	1.00	.200	.10	.150	200	N	N	N	<10	200
071SS	39 0 36	106 53 36	3.00	1.500	.30	.200	700	N	N	N	70	700
072PC2	39 0 38	106 53 36	30.00	.100	.10	.700	100	<1.0	N	N	20	50
072PC3	39 0 38	106 53 36	3.00	.300	3.00	>2.000	200	N	N	N	<20	300
072R	39 0 38	106 53 36	.50	.050	.05	.070	50	N	N	N	50	500
072SS	39 0 38	106 53 36	5.00	1.000	.70	.500	500	N	N	N	70	700
073R1	39 4 44	106 52 8	.70	.200	.10	.200	10	.5	N	N	100	300
073R2	39 4 44	106 52 8	.50	.100	.07	.050	10	N	N	N	<10	20
073R3	39 4 44	106 52 8	7.00	5.000	2.00	.070	150	N	N	N	<10	20
073R4	39 4 44	106 52 8	.20	.200	>20.00	.007	150	N	N	N	N	N
074R1	39 3 59	106 52 40	2.00	5.000	5.00	.100	200	N	N	N	30	200
074R2	39 3 59	106 52 40	7.00	3.000	5.00	.050	1,000	N	N	N	<10	20
074S	39 3 59	106 52 40	7.00	3.000	2.00	.150	1,500	<.5	N	N	70	1,000
075R	39 3 53	106 52 45	1.00	.200	.05	.100	200	N	N	N	<10	N
075S	39 3 53	106 52 45	5.00	3.000	2.00	.700	700	<.5	N	N	50	700
076R1	39 3 51	106 52 45	2.00	2.000	5.00	.070	700	1.0	N	N	<10	20
076R2	39 3 51	106 52 45	1.00	1.000	.20	.200	70	N	N	N	<10	100
076S	39 3 51	106 52 45	7.00	3.000	2.00	.500	1,500	<.5	N	N	50	1,000
077R1	39 3 48	106 52 47	3.00	.200	.10	.150	10	N	N	N	<10	150
077R2	39 3 48	106 52 47	2.00	.300	.20	.200	15	N	N	N	<10	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
067PC2	3.0	<20	N	30	70	1,000	300	500	<50	50	30	N
067PC3	N	N	N	<10	100	50	150	700	100	N	1,500	N
067R	N	N	N	N	10	70	N	50	N	15	N	N
067SS	5.0	N	N	20	50	1,500	70	150	<20	30	50	N
068PC2	2.0	N	N	30	300	15	50	N	<50	30	30	N
068PC3	15.0	N	N	20	50	10	100	N	<50	N	20	N
068SS1	1.0	N	N	10	70	30	50	N	20	20	20	N
068SS2	1.0	N	N	7	100	10	50	N	<20	20	20	N
069APC2	2.0	N	N	30	700	<10	50	N	<50	30	<20	N
069APC3	10.0	N	N	N	70	<10	N	70	100	N	<20	N
069BPC2	2.0	N	N	30	500	<10	70	N	<50	20	20	N
069BPC3	10.0	N	N	<10	50	<10	200	20	150	N	<20	N
069CPC2	<2.0	N	N	20	300	<10	<50	N	<50	15	<20	N
069CPC3	15.0	N	N	N	20	100	150	<10	50	N	20	N
069R1	3.0	N	N	7	70	N	30	N	N	20	N	N
069R2	N	N	N	N	10	N	N	N	N	<5	N	N
069SS1	1.0	N	N	7	30	10	30	N	<20	20	15	N
069SS2	1.5	N	N	7	30	10	50	N	<20	20	15	N
069SS3	1.5	N	N	5	50	10	50	N	20	20	15	N
070PC2	5.0	N	N	50	1,000	15	50	N	<50	50	20	N
070PC3	30.0	N	N	N	150	<10	300	<10	150	N	<20	N
070R	N	N	N	N	N	N	N	N	N	<5	N	N
070SS	1.0	N	N	10	50	5	70	N	<20	15	20	N
071PC2	3.0	N	N	70	1,000	<10	50	N	<50	50	<20	N
071PC3	30.0	N	N	N	<20	<10	N	<10	<50	N	N	N
071R	1.5	N	N	5	20	<5	20	N	N	5	N	N
071SS	1.5	N	N	10	70	10	30	N	<20	30	20	N
072PC2	N	N	N	20	500	<10	<50	N	<50	15	20	N
072PC3	15.0	N	N	70	50	<10	N	<10	100	<10	<20	N
072R	N	N	N	N	15	<5	N	N	N	<5	N	N
072SS	1.0	N	N	7	100	30	70	N	20	30	15	N
073R1	5.0	N	N	N	100	7	N	N	N	<5	N	N
073R2	N	N	N	N	10	20	N	N	N	5	N	N
073R3	1.0	N	N	7	20	50	50	N	N	10	N	N
073R4	N	N	N	N	N	5	N	N	N	N	N	N
074R1	3.0	N	N	N	100	50	N	N	N	7	N	N
074R2	N	N	N	N	20	50	N	N	N	10	15	N
074S	1.5	<10	N	20	70	100	50	5	<10	30	20	N
075R	1.0	N	N	N	N	15	N	N	N	<5	N	N
075S	1.0	<10	N	15	70	50	20	5	15	20	30	N
076R1	3.0	N	N	7	70	500	N	N	N	15	10	N
076R2	2.0	N	N	N	150	30	N	N	N	<5	N	N
076S	2.0	<10	N	20	70	200	30	7	10	30	20	N
077R1	2.0	15	N	N	N	15	N	N	N	<5	N	N
077R2	1.5	N	N	N	N	<5	N	N	N	<5	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
067PC2	15	20	200	200	<100	70	N	500	--	--
067PC3	50	50	1,500	300	30,000	300	N	>2,000	--	--
067R	<5	N	N	30	N	N	N	150	.10	<.02
067SS	15	10	200	100	<50	30	N	200	.05	--
068PC2	10	N	N	200	N	70	700	500	--	--
068PC3	50	N	N	150	N	>500	N	>2,000	--	--
068SS1	10	N	100	100	N	20	N	500	<.05	--
068SS2	7	N	100	100	N	20	N	300	<.05	--
069APC2	15	N	N	1,000	N	70	700	500	--	--
069APC3	50	N	N	200	N	>500	N	>2,000	--	--
069BPC2	15	N	N	1,000	N	50	700	500	--	--
069BPC3	30	N	N	200	N	>500	N	>2,000	--	--
069CPC2	10	N	N	500	N	70	500	500	--	--
069CPC3	30	N	N	100	N	500	N	>2,000	--	--
069R1	10	N	<100	70	N	20	N	100	.20	.08
069R2	N	N	100	50	N	N	N	50	.10	N
069SS1	7	N	<100	50	N	15	N	200	<.05	--
069SS2	7	N	100	70	N	20	N	500	<.05	--
069SS3	10	N	100	100	N	20	N	700	<.05	--
070PC2	15	N	N	1,000	N	70	700	700	--	--
070PC3	70	N	N	300	N	>500	N	>2,000	--	--
070R	N	N	N	20	N	N	N	20	.10	.04
070SS	7	N	<100	100	N	15	N	200	<.05	--
071PC2	15	N	N	1,500	N	150	700	700	--	--
071PC3	N	N	N	500	N	100	N	>2,000	--	--
071R	5	N	N	50	N	20	N	200	.05	N
071SS	10	N	100	100	N	20	N	500	<.05	--
072PC2	<10	N	N	500	N	30	500	1,000	--	--
072PC3	30	N	N	100	N	>500	N	>2,000	--	--
072R	N	N	<100	30	N	N	N	50	<.05	.08
072SS	10	N	100	100	N	30	N	700	<.05	--
073R1	15	N	500	100	N	30	N	100	.10	N
073R2	N	N	N	20	N	N	N	70	<.05	N
073R3	5	N	N	50	N	10	N	20	.10	N
073R4	N	N	N	N	N	N	N	N	.20	N
074R1	5	N	300	50	N	10	N	70	.80	N
074R2	5	N	<100	30	N	15	N	70	.20	N
074S	10	N	100	150	N	20	500	300	<.05	.06
075R	N	N	N	30	N	N	N	70	.70	N
075S	7	N	100	150	N	20	<200	300	<.10	N
076R1	10	<10	300	50	N	20	N	50	.20	N
076R2	5	N	100	50	N	N	N	70	.20	N
076S	10	N	150	200	<50	30	N	300	<.05	N
077R1	5	N	<100	30	N	N	N	70	.10	.02
077R2	7	N	150	50	N	10	N	150	.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
077S	39 3 48	106 52 47	10.00	2.000	1.00	.500	1,000	<.5	N	N	30	1,500
078R1	39 3 43	106 52 43	2.00	.200	.15	.200	200	N	N	N	<10	30
078R2	39 3 43	106 52 43	1.00	.030	.05	.150	<10	N	N	N	<10	N
078R3	39 3 43	106 52 43	1.50	.150	.07	.150	N	N	N	N	<10	20
078S	39 3 43	106 52 43	10.00	2.000	1.50	.500	2,000	<.5	N	N	30	1,500
079R1	39 3 50	106 52 50	1.50	.150	.20	.070	>5,000	20.0	N	N	N	500
079R2	39 3 50	106 52 50	2.00	.500	.10	.200	3,000	<.5	N	N	<10	700
080R1	39 3 19	106 52 39	5.00	<.020	.07	.050	100	2.0	N	N	15	50
080R2	39 3 19	106 52 39	10.00	.100	.07	.100	30	5.0	N	N	20	70
080R3	39 3 19	106 52 39	.50	<.020	.05	.100	30	N	N	N	<10	N
080R4	39 3 19	106 52 39	2.00	1.000	.70	.300	100	N	N	N	<10	500
080R5	39 3 19	106 52 39	2.00	.500	.20	.200	100	N	N	N	<10	150
080S	39 3 19	106 52 39	10.00	1.000	.70	.300	1,000	.5	N	N	20	1,000
081R1	39 3 22	106 52 40	2.00	.020	.05	.050	300	N	N	N	<10	50
081R2	39 3 22	106 52 40	1.00	.020	<.05	.030	30	N	N	N	<10	100
081R3	39 3 22	106 52 40	2.00	.500	.15	.300	150	N	N	N	<10	1,000
081R4	39 3 22	106 52 40	5.00	.300	.70	.150	200	N	N	N	<10	300
081R5	39 3 22	106 52 40	5.00	<.020	.05	.002	20	20.0	N	N	<10	>5,000
082R1	39 3 26	106 52 37	7.00	<.020	N	.010	20	5.0	N	N	<10	100
082R2	39 3 26	106 52 37	5.00	.300	.05	.300	30	N	N	N	10	150
082R3	39 3 26	106 52 37	10.00	.020	<.05	.070	20	N	N	N	<10	1,000
082R4	39 3 26	106 52 37	10.00	<.020	N	<.002	10	N	N	N	<10	50
083R1	39 3 29	106 52 38	5.00	.300	.05	.200	70	N	N	N	10	300
083R2	39 3 29	106 52 38	1.50	.200	.15	.300	500	N	N	N	<10	150
083S	39 3 29	106 52 38	7.00	1.000	.70	.500	700	<.5	N	N	15	1,500
084R1	39 3 31	106 52 38	5.00	1.000	.20	.300	50	N	N	N	<10	150
084R2	39 3 31	106 52 38	7.00	.200	.05	.100	30	N	N	N	<10	70
084S	39 3 31	106 52 38	15.00	2.000	1.50	.700	500	<.5	N	N	20	1,000
085R1	39 3 33	106 52 37	5.00	.100	.70	.100	10	N	N	N	10	150
085R2	39 3 33	106 52 37	10.00	.030	.05	.070	15	N	N	N	10	50
085R3	39 3 33	106 52 37	10.00	.030	.10	.100	20	N	N	N	<10	150
085S	39 3 33	106 52 37	10.00	1.000	1.00	.500	2,000	<.5	N	N	30	1,500
086R1	39 3 37	106 52 35	1.00	.050	<.05	.010	70	200.0	N	N	<10	2,000
086R2	39 3 37	106 52 35	10.00	.700	2.00	.200	200	3.0	N	N	<10	1,000
086R3	39 3 37	106 52 35	5.00	.700	1.00	.300	100	7.0	N	N	<10	700
086R4	39 3 37	106 52 35	5.00	.500	.20	.300	20	N	N	N	10	500
086R5	39 3 37	106 52 35	3.00	.200	<.05	.150	150	700.0	N	N	<10	100
086S	39 3 37	106 52 35	10.00	1.500	1.00	.700	700	<.5	N	N	50	1,000
087R	39 3 46	106 52 28	1.50	.300	.10	.150	<10	N	N	N	<10	100
087S	39 3 46	106 52 28	10.00	1.500	1.00	.700	3,000	.5	N	N	50	1,500
088R1	39 3 46	106 52 17	10.00	5.000	5.00	.030	300	5.0	N	N	10	20
088R2	39 3 46	106 52 17	5.00	.200	.20	.300	70	N	N	N	10	150
088S	39 3 46	106 52 17	10.00	1.000	.70	.500	700	.7	N	N	30	1,000
089R	39 3 53	106 52 28	1.50	.150	.07	.070	20	N	N	N	<10	300
089S	39 3 53	106 52 28	7.00	1.000	.70	.700	200	<.5	N	N	50	1,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
077S	1.5	<10	N	10	50	100	30	5	<10	20	30	N
078R1	1.0	N	N	N	N	<5	N	N	N	<5	N	N
078R2	<1.0	N	N	N	N	<5	N	30	N	<5	N	N
078R3	<1.0	N	N	N	N	10	N	20	N	10	N	N
078S	1.5	<10	N	10	30	50	50	15	10	20	30	N
079R1	1.5	N	N	5	N	20	20	<5	N	<5	20	N
079R2	1.5	N	N	N	N	20	30	50	N	<5	30	N
080R1	N	N	N	N	N	200	N	100	N	N	20	N
080R2	<1.0	20	N	N	N	150	N	200	N	N	70	N
080R3	<1.0	N	N	N	N	7	N	150	N	<5	N	N
080R4	2.0	N	N	<5	N	100	N	5	N	10	10	N
080R5	1.5	N	N	N	N	100	20	50	N	<5	N	N
080S	3.0	<10	N	20	30	300	70	100	10	15	30	N
081R1	N	N	N	5	N	150	20	150	N	<5	N	N
081R2	<1.0	N	N	N	N	30	N	200	N	<5	N	N
081R3	1.5	N	N	N	N	50	20	5	N	<5	15	N
081R4	1.0	N	N	N	N	100	20	20	N	<5	N	N
081R5	<1.0	70	N	5	N	150	100	N	N	<5	10	N
082R1	N	100	N	30	N	2,000	100	5	N	5	<10	N
082R2	1.5	N	N	N	N	200	N	N	N	<5	<10	N
082R3	N	N	N	5	N	50	N	200	N	<5	N	N
082R4	N	N	N	N	N	10	N	100	N	<5	N	N
083R1	2.0	N	N	N	N	100	20	150	N	<5	N	N
083R2	1.5	N	N	5	N	70	20	N	N	<5	N	N
083S	1.5	<10	N	15	50	70	50	20	15	15	15	N
084R1	2.0	N	N	N	N	30	N	N	N	5	N	N
084R2	1.0	N	N	N	N	20	<20	50	N	<5	N	N
084S	1.5	<10	N	15	30	200	50	20	<10	15	15	N
085R1	<1.0	N	N	<5	N	10	50	5	N	5	<10	N
085R2	N	50	N	N	N	200	20	10	N	<5	<10	N
085R3	1.0	70	N	N	N	200	50	5	N	<5	<10	N
085S	1.5	<10	N	15	20	50	30	5	<10	15	20	N
086R1	<1.0	N	<20	N	N	300	N	70	N	5	1,000	500
086R2	2.0	N	N	N	10	30	50	<5	N	<5	50	N
086R3	2.0	N	N	N	N	50	30	N	N	5	100	N
086R4	3.0	N	N	N	N	<5	20	N	N	<5	15	N
086R5	1.0	N	300	7	N	1,000	N	20	N	5	5,000	N
086S	1.0	<10	N	10	50	30	30	5	<10	15	20	N
087R	2.0	N	N	N	N	50	N	N	N	5	20	N
087S	1.5	<10	N	20	70	50	50	5	10	20	20	N
088R1	1.5	N	N	N	10	500	N	5	N	<5	N	N
088R2	2.0	N	N	<5	N	30	N	5	N	<5	N	N
088S	1.0	<10	N	15	50	100	30	30	10	15	20	N
089R	1.0	N	N	N	N	7	N	N	N	<5	N	N
089S	1.0	<10	N	10	50	30	30	7	15	15	20	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
077S	10	N	200	150	N	20	<200	300	<.05	.18
078R1	10	N	N	50	N	10	N	100	.10	N
078R2	5	N	N	30	N	10	N	100	.10	N
078R3	5	N	N	30	N	N	N	100	.10	N
078S	10	N	150	150	N	30	N	500	<.05	N
079R1	<5	30	300	20	N	20	N	30	.20	N
079R2	10	N	N	100	N	<10	N	150	.10	N
080R1	N	N	N	10	N	N	N	100	.20	N
080R2	N	N	N	15	N	N	N	100	.50	N
080R3	N	N	N	10	N	N	N	100	.10	N
080R4	15	N	300	100	N	10	N	150	.10	N
080R5	10	N	200	30	N	N	N	150	.10	N
080S	10	N	200	150	<50	30	N	300	<.05	.04
081R1	10	N	N	10	N	15	N	20	.05	N
081R2	N	N	N	N	N	N	N	20	.10	.02
081R3	10	N	200	100	N	15	N	100	.70	N
081R4	7	N	200	30	N	10	N	150	.50	N
081R5	N	N	>5,000	N	N	N	N	<10	.50	N
082R1	N	N	N	N	N	N	N	10	3.00	N
082R2	15	N	N	50	N	15	N	150	.05	N
082R3	N	N	N	10	N	N	N	70	.05	N
082R4	N	N	N	N	N	N	N	N	<.05	N
083R1	10	N	N	70	N	N	N	100	<.05	N
083R2	7	N	N	30	N	10	N	150	.10	N
083S	10	N	200	150	N	20	N	300	<.05	.02
084R1	10	N	100	100	N	15	N	150	<.05	N
084R2	N	N	N	30	N	10	N	100	.10	N
084S	10	N	200	150	N	20	N	300	<.05	.02
085R1	5	N	N	30	N	N	N	70	.05	N
085R2	N	N	N	10	<50	N	N	50	.10	N
085R3	N	N	<100	30	<50	N	N	150	.10	N
085S	7	N	100	150	N	15	N	300	<.05	<.02
086R1	N	N	150	20	N	10	1,500	N	.05	N
086R2	10	N	700	70	N	10	N	200	.05	.08
086R3	5	N	500	70	N	<10	N	150	.05	N
086R4	10	N	N	70	50	<10	N	150	.20	.02
086R5	<5	N	N	50	N	<10	10,000	70	.30	.16
086S	7	N	150	150	N	20	N	500	<.05	.02
087R	<5	N	100	100	N	N	N	200	.10	<.02
087S	10	N	100	150	N	30	<200	300	<.05	N
088R1	N	N	N	100	N	N	N	N	.10	N
088R2	10	N	N	70	N	10	N	150	.05	N
088S	7	N	100	150	N	20	N	500	<.05	N
089R	5	N	N	50	N	N	N	70	.05	N
089S	10	N	100	150	N	20	N	500	<.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
090R	39 3 49	106 52 37	.50	.020	.10	.070	<10	N	N	N	<10	50
090R1	39 3 37	106 52 37	2.00	.150	.50	.050	200	.5	N	N	<10	N
090S	39 3 49	106 52 37	10.00	1.000	.70	.500	1,500	<.5	N	N	30	1,500
091R2	39 3 37	106 52 37	2.00	.150	.15	.100	700	.7	N	N	<10	<20
091R3	39 3 37	106 52 37	3.00	.050	<.05	.070	<10	2.0	N	N	<10	150
091R4	39 3 37	106 52 37	3.00	.070	.20	.070	300	1.0	N	N	<10	300
092R	39 2 28	106 52 45	5.00	<.020	1.00	.100	300	N	N	N	<10	<20
092S	39 2 28	106 52 45	1.50	.300	.50	.200	500	N	N	N	<10	300
093R1	39 2 23	106 52 48	.50	.070	.05	.030	15	N	N	N	<10	<20
093R2	39 2 23	106 52 48	2.00	.100	.05	.150	200	N	N	N	<10	150
093S	39 2 23	106 52 48	1.50	.300	.30	.200	300	N	N	N	<10	500
094R	39 2 14	106 52 52	2.00	.700	.50	.300	100	N	N	N	<10	300
095R1	39 2 3	106 52 47	.70	.050	.10	.050	70	N	N	N	<10	<20
095R2	39 2 3	106 52 47	1.50	.100	.07	.050	70	N	N	N	<10	N
095S	39 2 3	106 52 47	.70	.100	.30	.150	1,500	N	N	N	<10	200
096PC2	39 2 1	106 52 47	30.00	.500	5.00	.700	1,000	1.0	N	N	<20	150
096PC3	39 2 1	106 52 47	10.00	.100	2.00	2.000	150	<1.0	N	N	<20	5,000
096R1	39 2 1	106 52 47	1.00	.030	.05	.070	N	N	N	N	<10	N
096R2	39 2 1	106 52 47	7.00	.050	.05	.200	<10	N	N	N	<10	30
096SS	39 2 1	106 52 47	5.00	1.000	1.00	.500	1,000	1.5	N	N	20	700
097R	39 1 55	106 52 54	2.00	.020	<.05	.030	15	N	N	N	<10	N
097S	39 1 55	106 52 54	1.50	.700	.70	.200	300	N	N	N	<10	200
098R1	39 3 27	106 52 57	3.00	.200	.20	.150	300	5.0	N	N	<10	500
098R2	39 3 27	106 52 57	5.00	.150	.07	.150	150	70.0	N	N	<10	200
098R3	39 3 27	106 52 57	5.00	.050	<.05	.070	200	30.0	N	N	<10	100
098R4	39 3 27	106 52 57	10.00	<.020	<.05	.002	70	20.0	N	N	<10	30
098R5	39 3 27	106 52 57	20.00	<.020	N	.050	200	50.0	1,000	N	<10	150
099R1	39 3 34	106 53 4	3.00	.500	1.00	.150	200	N	N	N	<10	700
099R2	39 3 34	106 53 4	2.00	.100	.20	.200	100	N	N	N	<10	20
099S	39 3 34	106 53 4	3.00	1.000	.50	.300	1,500	N	N	N	10	300
100R	39 7 6	106 51 17	3.00	1.000	.15	.200	200	N	N	N	<10	300
100S	39 7 6	106 51 17	.70	.100	.30	.150	500	N	N	N	<10	200
101R	39 7 17	106 51 31	1.00	.200	1.50	.150	150	N	N	N	<10	200
101S	39 7 17	106 51 31	1.00	.150	.30	.200	300	N	N	N	<10	300
101SS	39 7 17	106 51 31	3.00	1.000	.70	.300	1,000	N	N	N	50	500
102R	39 7 9	106 51 36	.70	.070	1.00	.070	200	N	N	N	<10	1,500
102S	39 7 9	106 51 36	.70	.100	.50	.150	300	N	N	N	<10	300
103R	39 7 5	106 51 38	1.50	.700	5.00	.150	700	N	N	N	<10	500
103S	39 7 5	106 51 38	1.00	.150	.20	.150	700	N	N	N	<10	300
103SS1	39 7 5	106 51 38	2.00	.700	.50	.200	300	N	N	N	50	500
103SS2	39 7 5	106 51 38	2.00	.700	.20	.200	200	N	N	N	30	500
104R	39 6 52	106 51 36	.50	.050	.07	.100	150	N	N	N	<10	200
104S	39 6 52	106 51 36	2.00	.500	.30	.300	700	N	N	N	10	300
104SS	39 6 52	106 51 36	3.00	1.000	1.00	.300	1,000	<.5	N	N	50	700
105PC2	39 6 51	106 51 26	30.00	2.000	5.00	1.500	1,500	N	N	N	150	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
090R	<1.0	N	N	N	N	<5	N	N	N	<5	N	N
090R1	1.0	N	N	10	N	10	30	N	N	<5	N	N
090S	1.0	<10	N	15	50	30	50	10	15	15	20	N
091R2	1.0	N	N	5	N	<5	20	N	N	<5	<10	N
091R3	N	N	N	5	N	<5	N	N	N	<5	N	N
091R4	1.0	<10	N	N	N	15	20	N	N	<5	N	N
092R	N	N	N	5	30	100	100	N	N	5	N	N
092S	1.0	N	N	<5	30	15	20	N	N	7	15	N
093R1	N	N	N	N	<10	<5	N	N	N	<5	N	N
093R2	<1.0	N	N	N	N	<5	50	N	N	<5	N	N
093S	1.0	N	N	<5	20	10	20	N	N	5	10	N
094R	1.0	N	N	7	N	<5	30	N	N	<5	N	N
095R1	<1.0	N	N	<5	15	<5	N	N	N	<5	10	N
095R2	N	N	N	N	15	<5	N	N	N	<5	N	N
095S	1.0	N	N	N	20	5	<20	N	N	<5	<10	N
096PC2	N	<20	N	20	50	30	200	N	N	30	50	N
096PC3	N	150	N	20	30	20	200	N	<50	30	30	N
096R1	<1.0	<10	N	N	N	<5	N	N	N	<5	N	N
096R2	<1.0	10	N	N	50	<5	50	N	N	<5	<10	N
096SS	1.0	N	N	15	15	50	100	N	<20	10	500	N
097R	N	N	N	<5	N	<5	N	5	N	<5	N	N
097S	2.0	N	N	<5	30	10	20	N	N	7	<10	N
098R1	1.5	30	N	7	N	1,000	20	N	N	<5	200	N
098R2	1.5	>2,000	N	N	N	15,000	N	N	N	<5	20	200
098R3	1.0	>2,000	N	N	N	>20,000	N	N	N	<5	15	200
098R4	N	>2,000	N	N	N	700	N	5	N	<5	20	700
098R5	<1.0	1,000	N	50	N	>20,000	N	N	N	N	<10	500
099R1	1.5	150	N	N	N	20	N	N	N	<5	<10	N
099R2	N	10	N	N	N	10	N	N	N	<5	N	N
099S	1.5	N	N	10	50	100	30	5	N	20	15	N
100R	1.5	<10	N	7	70	15	20	N	N	15	10	N
100S	1.0	N	N	N	30	10	<20	N	N	5	<10	N
101R	1.0	<10	N	<5	70	<5	<20	N	N	<5	N	N
101S	1.5	N	N	<5	30	7	20	N	N	5	<10	N
101SS	2.0	N	N	10	70	15	50	N	<20	30	30	N
102R	N	N	N	N	20	<5	N	N	N	<5	N	N
102S	1.0	N	N	N	30	10	<20	N	N	<5	15	N
103R	2.0	N	N	N	50	10	30	5	N	5	<10	N
103S	1.0	N	N	<5	30	10	<20	N	N	5	10	N
103SS1	1.0	N	N	7	70	15	30	N	20	20	20	N
103SS2	1.0	N	N	7	50	10	50	N	<20	15	20	N
104R	N	<10	N	N	10	<5	N	N	N	<5	N	N
104S	1.0	N	N	5	50	10	30	N	N	10	10	N
104SS	1.5	N	N	10	50	30	50	N	<20	20	30	N
105PC2	5.0	N	N	30	300	15	200	<10	<50	70	30	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
090R	N	N	N	30	N	N	N	50	<.05	N
090R1	N	N	N	30	N	10	N	50	<.05	N
090S	10	N	150	150	N	30	N	500	<.05	N
091R2	<5	N	N	30	N	<10	N	50	<.05	N
091R3	<5	N	N	10	N	N	N	30	<.05	.14
091R4	5	N	200	20	N	N	N	100	.05	N
092R	<5	N	300	30	N	<10	N	100	<.05	.12
092S	7	N	100	30	N	15	N	200	<.05	.02
093R1	N	N	<100	10	N	N	N	200	<.05	.06
093R2	7	N	N	50	N	10	N	150	.05	N
093S	10	N	150	50	N	10	N	150	<.05	<.02
094R	15	N	300	100	N	20	N	150	<.05	N
095R1	N	N	N	15	N	N	N	20	<.05	N
095R2	N	N	100	15	N	N	N	15	<.05	N
095S	7	N	100	20	N	10	N	150	<.05	.06
096PC2	15	N	N	150	N	50	<500	700	--	--
096PC3	20	N	<200	200	1,000	100	N	>2,000	--	--
096R1	N	N	100	20	N	N	N	50	<.05	N
096R2	10	N	N	70	<50	15	N	100	<.05	.12
096SS	10	N	300	100	N	30	N	100	<.05	--
097R	N	N	N	20	N	N	N	50	<.05	N
097S	10	N	<100	30	N	20	N	100	<.05	.02
098R1	5	N	150	30	N	<10	700	70	.05	.10
098R2	7	N	N	50	<50	10	N	150	8.00	N
098R3	<5	N	<100	20	N	N	200	50	15.00	N
098R4	N	N	N	<10	N	<10	N	N	18.00	.28
098R5	N	N	N	<10	N	N	N	<10	2.30	.08
099R1	5	N	500	30	N	10	N	50	.05	N
099R2	10	N	<100	30	N	20	N	70	.05	N
099S	10	N	100	70	N	30	N	150	<.05	<.02
100R	15	N	<100	70	N	20	N	150	.05	.02
100S	5	N	<100	30	N	10	N	150	<.05	.34
101R	7	N	N	20	N	10	N	300	.05	N
101S	7	N	N	30	N	15	N	150	<.05	.20
101SS	15	N	<100	70	N	20	N	300	<.05	--
102R	N	N	100	20	N	N	N	50	.05	N
102S	5	N	<100	30	N	10	N	150	<.05	.22
103R	7	N	150	50	N	20	N	70	.05	.04
103S	7	N	<100	30	N	15	N	150	<.05	.22
103SS1	7	N	100	70	N	50	N	300	<.10	--
103SS2	5	N	<100	50	N	10	N	200	<.05	--
104R	N	N	N	20	N	N	N	100	.05	N
104S	7	N	<100	50	N	20	N	200	<.05	.10
104SS	10	N	150	70	N	20	N	500	<.05	--
105PC2	30	N	N	500	N	100	500	700	--	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
105PC3	39 6 51	106 51 26	.70	5.000	20.00	1.000	2,000	N	N	N	<20	>10,000
105R1	39 6 51	106 51 26	1.00	1.000	2.00	.200	500	N	N	N	<10	30
105R2	39 6 51	106 51 26	1.00	1.000	2.00	.150	500	N	N	N	<10	300
105R3	39 6 51	106 51 26	1.00	.070	5.00	.150	1,000	N	N	N	<10	500
105SS	39 6 51	106 51 26	3.00	1.000	1.50	.300	700	N	N	N	30	500
106R	39 6 35	106 51 26	1.00	1.000	3.00	.200	500	N	N	N	<10	200
106S	39 6 35	106 51 26	2.00	.700	.50	.200	700	N	N	N	15	300
106SS	39 6 35	106 51 26	2.00	.700	.50	.300	500	N	N	N	50	700
107R	39 6 10	106 51 34	1.50	1.000	3.00	.150	700	N	N	N	<10	300
107S	39 6 10	106 51 34	1.50	.300	.30	.200	300	N	N	N	10	200
108R1	39 2 37	106 51 36	2.00	1.000	1.00	.300	300	N	N	N	<10	300
108R2	39 2 37	106 51 36	2.00	2.000	2.00	.300	500	N	N	N	<10	500
108R3	39 2 37	106 51 36	2.00	.200	.70	.150	300	N	N	N	<10	700
109R1	39 2 51	106 51 27	5.00	<.020	<.05	.100	<10	N	N	N	<10	150
109R2	39 2 51	106 51 27	5.00	1.500	.70	.200	200	N	N	N	<10	700
110R1	39 2 52	106 51 30	5.00	<.020	<.05	.100	<10	1.0	N	N	N	150
110R2	39 2 52	106 51 30	3.00	.500	.30	.200	150	N	N	N	<10	200
111R1	39 2 55	106 51 32	.70	.100	<.05	.150	N	.5	N	N	<10	500
111R2	39 2 55	106 51 32	3.00	.500	.05	.150	50	.7	N	N	<10	100
112R	39 2 58	106 51 30	3.00	2.000	1.00	.150	300	N	N	N	<10	50
113R1	39 3 3	106 51 25	10.00	1.500	.50	.200	300	N	N	N	<10	<20
113R2	39 3 3	106 51 25	.70	.500	.30	.200	30	N	N	N	<10	20
114R	39 3 5	106 51 23	2.00	.200	.20	.300	20	N	N	N	<10	200
115R1	39 3 18	106 51 32	1.50	.030	<.05	.150	10	N	N	N	<10	150
115R2	39 3 18	106 51 32	1.50	.300	.15	.200	10	N	N	N	<10	500
116R1	39 3 23	106 51 31	7.00	.070	.05	.150	20	N	N	N	<10	150
116R2	39 3 23	106 51 31	5.00	.700	.15	.300	20	N	N	N	<10	700
117R1	39 3 30	106 51 32	5.00	<.020	.07	.150	20	N	N	N	N	20
117R2	39 3 30	106 51 32	7.00	.100	.05	.150	100	N	N	N	<10	150
117R3	39 3 30	106 51 32	7.00	.020	<.05	.200	15	1.5	N	N	N	150
118R1	39 3 40	106 51 35	3.00	1.000	2.00	.300	200	N	N	N	<10	500
118R2	39 3 40	106 51 35	10.00	.050	.07	.100	150	N	N	N	<10	100
119R1	39 3 46	106 52 45	1.50	.150	.10	.100	700	3,000.0	700	N	<10	500
119R2	39 3 46	106 52 45	1.00	.300	.15	.300	1,000	15.0	N	N	<10	150
119R3	39 3 46	106 52 45	2.00	.500	.50	.200	300	N	N	N	<10	1,000
120R	39 4 39	106 52 44	2.00	7.000	5.00	.200	500	1.0	N	N	20	150
121R	39 3 38	106 53 26	.50	.100	.05	.150	50	3.0	N	N	<10	150
121S	39 3 38	106 53 26	2.00	.500	.30	.300	1,000	N	N	N	<10	300
122R1	39 3 32	106 53 34	2.00	.200	.10	.150	70	1.0	N	N	10	200
122R2	39 3 32	106 53 34	2.00	.150	.10	.070	30	N	N	N	<10	150
123R1	39 3 29	106 53 38	7.00	.300	.20	.100	1,500	3.0	N	N	N	>5,000
123R2	39 3 29	106 53 38	5.00	.020	.07	.050	150	N	N	N	<10	300
124R1	39 3 29	106 53 45	5.00	.050	.10	.300	20	N	N	N	<10	500
124R2	39 3 29	106 53 45	3.00	.030	.07	.070	70	3.0	N	N	<10	50
125R1	39 3 28	106 53 49	3.00	.020	.07	.150	10	.5	500	N	<10	<20

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
105PC3	150.0	<20	N	30	30	<10	100	<10	<50	15	20	N
105R1	N	N	N	N	10	<5	20	N	N	<5	N	N
105R2	<1.0	N	N	5	50	<5	N	N	N	15	<10	N
105R3	1.0	N	N	N	50	<5	20	N	N	10	N	N
105SS	1.0	N	N	7	50	10	50	N	<20	20	15	N
106R	1.0	N	N	N	70	<5	20	5	N	5	N	N
106S	2.0	N	N	7	70	10	20	N	N	15	10	N
106SS	1.0	N	N	5	30	10	30	N	<20	20	20	N
107R	<1.0	N	N	N	70	<5	20	<5	N	<5	N	N
107S	1.5	N	N	5	50	10	20	N	N	10	15	N
108R1	2.0	N	N	<5	100	150	30	500	<20	20	N	N
108R2	2.0	N	N	5	100	100	50	5	N	20	<10	N
108R3	N	N	N	N	30	100	N	5	N	5	15	N
109R1	N	10	N	N	20	50	N	300	N	5	<10	N
109R2	<1.0	N	N	N	70	200	20	30	N	<5	<10	N
110R1	N	N	N	N	10	50	70	700	N	<5	N	N
110R2	N	N	N	N	50	70	20	500	N	<5	N	N
111R1	1.0	N	N	N	<10	<5	30	50	N	<5	10	N
111R2	N	N	N	N	30	100	50	300	N	<5	N	N
112R	N	N	N	N	50	100	30	300	N	10	<10	N
113R1	1.0	N	N	N	70	500	N	30	N	<5	N	N
113R2	<1.0	N	N	N	N	30	50	30	N	<5	N	N
114R	<1.0	N	N	N	N	70	20	30	N	<5	N	N
115R1	<1.0	N	N	N	N	15	N	150	N	<5	N	N
115R2	<1.0	N	N	N	10	5	30	N	N	<5	N	N
116R1	N	N	N	N	N	20	70	300	N	<5	<10	N
116R2	<1.0	N	N	<5	10	15	30	N	N	5	N	N
117R1	<1.0	N	N	N	N	100	N	N	N	N	N	N
117R2	1.0	N	N	N	N	70	20	N	N	<5	N	N
117R3	N	<10	N	N	N	30	20	10	N	N	20	N
118R1	1.0	<10	N	<5	15	50	20	N	N	5	N	N
118R2	<1.0	15	N	5	<10	200	N	30	N	5	10	N
119R1	1.5	N	300	<5	N	10,000	20	30	N	<5	15,000	>10,000
119R2	2.0	N	N	N	N	300	20	N	N	<5	200	N
119R3	1.5	<10	N	N	N	10	30	N	N	<5	10	N
120R	2.0	N	N	N	70	20	30	50	N	<5	N	N
121R	<1.0	N	N	N	30	7	N	15	N	<5	<10	N
121S	1.5	N	N	5	70	15	30	N	N	15	<10	N
122R1	1.0	<10	N	N	70	100	20	N	N	<5	10	N
122R2	N	N	N	N	10	10	<20	N	N	<5	N	N
123R1	1.5	<10	N	5	30	1,500	N	N	N	15	70	N
123R2	N	<10	N	N	10	30	<20	N	N	N	N	N
124R1	N	<10	N	20	50	70	N	15	N	<5	N	N
124R2	1.0	50	N	<5	10	30	<20	15	N	<5	10	N
125R1	N	<10	N	50	20	15	N	10	N	<5	<10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
105PC3	20	N	700	70	N	500	N	>2,000	--	--
105R1	15	N	<100	100	N	20	N	30	.05	.04
105R2	10	N	<100	30	N	20	N	150	.05	N
105R3	10	N	100	30	N	50	N	100	<.05	N
105SS	10	N	<100	70	N	50	N	500	<.05	--
106R	10	N	100	50	N	20	N	200	<.05	N
106S	10	N	100	50	N	20	N	150	<.05	N
106SS	5	N	100	70	N	15	N	700	--	--
107R	10	N	100	50	N	20	N	200	<.05	N
107S	7	N	<100	30	N	20	N	200	<.05	.18
108R1	15	N	100	70	N	15	N	100	.05	.04
108R2	15	N	100	100	N	20	N	150	<.05	N
108R3	<5	N	150	50	N	N	N	70	.10	N
109R1	N	20	200	20	N	10	N	50	<.05	N
109R2	10	N	200	70	N	15	N	70	<.05	N
110R1	N	N	<100	<10	N	N	N	100	.10	N
110R2	10	N	100	30	N	N	N	200	.05	N
111R1	<5	N	N	50	N	<10	N	150	.10	N
111R2	10	N	100	30	N	N	N	100	<.05	N
112R	10	N	150	50	N	N	N	150	<.05	N
113R1	7	N	100	30	N	N	N	150	<.05	N
113R2	5	N	100	50	N	<10	N	200	.05	N
114R	5	N	300	50	N	N	N	100	.05	N
115R1	<5	N	N	30	N	N	N	20	.05	N
115R2	5	15	100	150	N	N	N	70	.05	N
116R1	7	N	100	70	<50	20	N	70	<.05	N
116R2	10	N	150	150	<50	N	N	70	<.05	N
117R1	7	N	<100	30	N	N	N	150	<.05	N
117R2	5	N	150	50	<50	20	N	70	<.05	N
117R3	5	N	150	50	<50	N	N	100	<.05	N
118R1	10	N	500	150	N	15	N	70	<.05	N
118R2	<5	N	100	100	N	10	N	50	<.05	N
119R1	N	N	<100	30	N	10	>10,000	70	.90	4.40
119R2	10	N	N	50	N	<10	N	150	.05	N
119R3	7	N	300	50	N	<10	N	50	<.05	N
120R	15	N	500	100	N	30	N	150	<.05	N
121R	5	N	N	50	N	10	N	150	<.05	N
121S	10	N	<100	70	N	20	N	200	<.05	<.02
122R1	5	N	N	50	N	N	N	150	<.05	N
122R2	N	N	<100	30	N	N	700	200	<.05	N
123R1	10	N	1,500	50	N	20	N	100	.50	.02
123R2	<5	N	<100	20	N	N	N	20	<.05	N
124R1	<5	N	N	30	N	<10	N	500	<.05	N
124R2	<5	N	N	30	N	30	N	70	.10	.06
125R1	N	N	N	15	N	N	N	100	.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
125R2	39 3 28	106 53 49	10.00	1.000	.07	.200	15	N	N	N	N	50
126R1	39 3 24	106 53 50	2.00	.030	.15	.300	10	.5	N	N	<10	<20
126R2	39 3 24	106 53 50	10.00	<.020	<.05	.150	15	N	N	N	N	50
127R1	39 3 22	106 53 49	3.00	.500	.10	.150	10	N	N	N	<10	20
127R2	39 3 22	106 53 49	15.00	.100	.05	.200	30	N	N	N	<10	300
128R1	39 3 7	106 53 33	3.00	<.020	.05	.200	15	3.0	N	N	<10	N
128R2	39 3 7	106 53 33	.30	.020	.05	.070	<10	3.0	N	N	<10	N
129R	39 3 10	106 53 26	1.50	1.000	>20.00	.015	3,000	N	N	N	N	N
129S	39 3 10	106 53 26	2.00	.500	.30	.200	1,500	N	N	N	<10	150
130R	39 3 13	106 53 21	5.00	.700	.30	.150	200	N	N	N	N	100
130S	39 3 13	106 53 21	2.00	.300	.30	.300	500	N	N	N	<10	500
131R1	39 2 35	106 51 39	7.00	.070	.10	.100	30	1.0	N	N	N	150
131R2	39 2 35	106 51 39	5.00	1.500	5.00	.150	1,500	N	N	N	<10	70
132R1	39 2 33	106 51 37	1.50	.500	1.00	.200	150	N	N	N	<10	700
132R2	39 2 33	106 51 37	5.00	.100	.30	.200	150	N	N	N	<10	300
132R3	39 2 33	106 51 37	1.00	1.000	1.00	.200	300	.7	N	N	<10	20
132R4	39 2 33	106 51 37	10.00	.020	<.05	.030	70	5.0	N	N	N	30
133R1	39 2 17	106 51 44	2.00	<.020	.05	.070	20	N	N	N	<10	<20
133R2	39 2 17	106 51 44	7.00	<.020	.15	.300	<10	N	N	N	<10	100
134R1	39 2 18	106 51 57	7.00	.200	.50	.150	200	N	N	N	<10	50
134R2	39 2 18	106 51 57	7.00	.100	.30	.200	30	N	N	N	<10	20
135R	39 2 34	106 52 0	10.00	1.500	2.00	.300	700	2.0	N	N	<10	1,500
136R1	39 2 47	106 51 54	.30	<.020	<.05	.030	<10	2.0	N	N	<10	300
136R2	39 2 47	106 51 54	.50	.150	.30	.070	50	N	N	N	<10	200
136R3	39 2 47	106 51 54	.50	.070	.05	.100	N	N	N	N	<10	300
136S1	39 2 47	106 51 54	2.00	.300	.20	.300	300	N	N	N	<10	300
136S2	39 2 47	106 51 54	1.50	.500	.20	.300	200	N	N	N	<10	300
137R1	39 2 53	106 51 55	5.00	<.020	<.05	.020	<10	2.0	N	N	N	700
137R2	39 2 53	106 51 55	.50	.050	.07	.100	<10	N	N	N	<10	100
137R3	39 2 53	106 51 55	.05	<.020	<.05	.007	<10	N	N	N	<10	70
137R4	39 2 53	106 51 55	.70	.100	.10	.100	<10	N	N	N	<10	300
138R1	39 2 57	106 51 56	.15	<.020	.07	.030	N	N	N	N	<10	300
138R2	39 2 57	106 51 56	5.00	.100	.15	.070	1,500	7.0	N	N	<10	300
139R1	39 3 2	106 51 55	1.00	.020	.05	.150	<10	N	N	N	<10	20
139R2	39 3 2	106 51 55	2.00	.020	<.05	.100	<10	N	N	N	<10	N
139R3	39 3 2	106 51 55	1.00	.070	.50	.200	30	N	N	N	<10	70
140R1	39 3 8	106 51 56	.30	.070	.10	.150	20	3.0	N	N	<10	300
140R2	39 3 8	106 51 56	3.00	.050	.07	.050	1,500	5.0	N	N	<10	200
140R3	39 3 8	106 51 56	7.00	1.000	15.00	1.000	700	1.0	N	N	<10	20
141PC2	39 1 12	106 53 12	15.00	3.000	10.00	1.000	1,500	N	N	N	30	150
141PC3	39 1 12	106 53 12	.70	5.000	15.00	1.500	700	N	N	N	<20	7,000
141R	39 1 12	106 53 12	1.00	.300	.70	.150	50	N	N	N	<10	700
141SS	39 1 12	106 53 12	3.00	3.000	1.50	.300	700	N	N	N	20	500
142PC2	39 1 11	106 53 10	20.00	1.000	2.00	1.000	500	N	N	N	100	100
142PC3	39 1 11	106 53 10	2.00	.700	10.00	>2.000	200	N	N	N	<20	300

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PP	S-SB
125R2	N	10	N	30	50	<5	N	N	N	15	N	N
126R1	N	15	N	<5	20	<5	N	2,000	N	<5	N	N
126R2	N	N	N	5	70	20	30	300	N	7	N	N
127R1	N	<10	N	5	10	5	N	30	N	7	N	N
127R2	N	N	N	N	70	50	N	300	N	<5	<10	N
128R1	N	N	N	N	30	5	N	10	N	<5	N	N
128R2	N	N	N	N	50	<5	N	N	N	<5	N	N
129R	N	N	N	N	N	15	N	30	N	<5	10	N
129S	1.5	N	N	5	30	15	20	N	N	10	15	N
130R	2.0	N	N	5	30	150	N	30	N	20	N	N
130S	1.0	N	N	<5	50	15	20	N	N	7	10	N
131R1	N	20	N	N	15	100	N	30	N	<5	15	N
131R2	<1.0	N	N	N	50	100	N	10	N	10	15	N
132R1	2.0	N	N	N	<10	30	20	50	N	<5	10	N
132R2	1.5	N	N	N	70	200	50	300	N	5	30	N
132R3	1.5	N	N	N	N	70	20	20	N	5	N	N
132R4	<1.0	<10	N	N	20	1,000	20	30	N	<5	15	N
133R1	N	N	N	N	20	7	N	N	N	<5	10	N
133R2	1.5	50	N	N	70	<5	30	N	N	<5	50	N
134R1	1.0	<10	N	<5	50	7	<20	N	N	<5	N	N
134R2	1.0	<10	N	<5	70	50	30	N	N	<5	N	N
135R	1.5	<10	N	<5	100	50	20	20	N	10	<10	N
136R1	N	<10	N	N	N	5	N	>2,000	N	<5	15	N
136R2	1.0	N	N	N	N	<5	N	N	N	<5	N	N
136R3	1.0	N	N	N	N	<5	30	70	N	<5	<10	N
136S1	1.5	N	N	5	70	30	20	30	N	7	10	N
136S2	1.0	N	N	N	30	50	30	30	N	7	<10	N
137R1	<1.0	N	N	N	N	15	N	300	N	<5	10	N
137R2	<1.0	N	N	N	N	<5	<20	N	N	N	N	N
137R3	<1.0	N	N	N	N	N	N	30	N	<5	N	N
137R4	1.0	N	N	5	N	<5	20	N	N	<5	N	N
138R1	<1.0	N	N	N	N	20	N	300	N	<5	N	N
138R2	2.0	10	N	70	N	1,000	50	700	N	<5	200	N
139R1	N	N	N	N	N	10	<20	150	N	<5	N	N
139R2	N	N	N	N	N	20	20	150	N	N	N	N
139R3	1.0	N	N	N	N	15	20	200	N	<5	N	N
140R1	<1.0	N	N	N	N	20	N	N	N	<5	N	N
140R2	1.5	10	N	30	N	500	20	70	N	<5	50	N
140R3	N	<10	N	5	100	50	N	N	N	20	<10	N
141PC2	3.0	N	N	30	150	30	200	N	N	50	<20	N
141PC3	N	<20	N	10	50	15	300	N	<50	N	<20	N
141R	1.0	N	N	7	50	150	70	N	N	15	N	N
141SS	1.5	N	N	20	100	30	100	N	<20	50	15	N
142PC2	2.0	N	N	20	150	<10	70	N	<50	20	<20	N
142PC3	7.0	N	N	150	100	<10	150	<10	70	30	<20	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INSI-HG
125R2	7	N	<100	20	N	20	N	150	<.05	N
126R1	10	N	<100	50	N	15	N	100	<.05	N
126R2	<5	N	N	30	N	N	N	200	<.05	N
127R1	N	N	<100	10	N	N	N	70	<.05	N
127R2	7	N	<100	50	N	N	N	150	<.05	N
128R1	5	N	N	20	N	N	N	150	.10	N
128R2	N	N	N	20	N	N	N	50	.05	N
129R	N	N	200	10	N	15	N	N	.05	N
129S	7	N	N	30	N	20	N	150	<.10	<.02
130R	10	N	<100	30	<50	15	200	150	<.05	N
130S	7	N	100	50	N	15	N	150	<.05	N
131R1	N	N	100	15	200	N	N	100	.20	N
131R2	10	N	100	70	N	15	N	100	.10	N
132R1	7	N	300	30	N	15	N	100	.05	N
132R2	10	N	200	100	N	10	N	150	.05	N
132R3	7	10	150	50	N	20	N	100	.10	N
132R4	N	N	<100	50	N	<10	200	<10	.80	.04
133R1	N	N	<100	20	N	N	N	30	<.05	N
133R2	15	N	150	70	N	20	N	150	<.05	N
134R1	10	N	<100	70	N	<10	N	50	<.05	N
134R2	7	N	100	50	N	10	N	100	.05	N
135R	15	<10	150	150	N	10	N	150	.10	N
136R1	N	N	N	<10	N	N	N	10	<.05	N
136R2	N	N	200	20	N	N	N	10	<.05	N
136R3	<5	N	<100	30	N	N	N	20	<.05	N
136S1	10	N	<100	50	N	15	N	200	<.05	.14
136S2	10	N	<100	30	N	15	N	300	<.05	N
137R1	N	N	N	N	N	N	N	10	<.05	.02
137R2	5	N	100	30	N	<10	N	100	<.05	N
137R3	N	N	N	N	N	N	N	N	<.05	N
137R4	<5	N	<100	50	N	10	N	50	<.05	N
138R1	N	N	N	N	N	N	N	N	<.05	N
138R2	<5	N	<100	10	N	30	N	20	<.05	.02
139R1	N	N	N	50	N	N	N	50	<.05	N
139R2	<5	N	N	15	N	<10	N	100	.10	N
139R3	<5	N	<100	70	N	N	N	100	<.05	N
140R1	5	N	<100	30	N	N	N	20	<.05	N
140R2	7	N	N	15	N	N	N	50	.10	<.02
140R3	15	N	<100	100	N	30	N	200	<.05	<.01
141PC2	20	N	200	200	N	100	<500	700	--	--
141PC3	20	N	N	150	N	500	N	>2,000	--	--
141R	10	N	<100	70	N	20	N	100	<.05	<.02
141SS	15	N	150	100	N	30	N	300	<.05	--
142PC2	10	N	N	300	N	50	<500	500	--	--
142PC3	30	<20	N	200	N	500	N	>2,000	--	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
143PC2	39 1 15	106 53 4	20.00	5.000	10.00	.700	1,500	N	N	N	20	200
143PC3	39 1 15	106 53 4	1.50	10.000	15.00	1.000	1,000	N	N	N	200	150
143R1	39 1 15	106 53 4	2.00	.500	5.00	.150	200	N	N	N	N	300
143R2	39 1 15	106 53 4	.70	.200	3.00	.070	200	N	N	N	<10	100
143SS	39 1 15	106 53 4	3.00	1.500	2.00	.500	1,000	.5	N	N	20	500
144R	39 1 37	106 52 58	.70	.070	.15	.200	30	N	N	N	<10	20
145R	39 1 39	106 53 3	2.00	<.020	<.05	.015	10	3.0	N	N	<10	20
146R	39 2 41	106 52 37	5.00	.500	.20	.150	2,000	N	N	N	10	100
146S	39 2 41	106 52 37	.70	.300	.50	.150	1,000	N	N	N	<10	300
147R1	39 2 42	106 52 41	10.00	.150	.05	.002	>5,000	10.0	N	N	N	>5,000
147R2	39 2 42	106 52 41	1.50	.200	2.00	.050	3,000	15.0	N	N	<10	>5,000
147S	39 2 42	106 52 41	.20	.050	.30	.070	500	N	N	N	<10	150
148PC2	39 2 21	106 53 4	20.00	5.000	10.00	.700	2,000	<1.0	N	N	<20	150
148PC3	39 2 21	106 53 4	3.00	1.000	15.00	>2.000	200	N	N	N	<20	100
148R	39 2 21	106 53 4	1.50	.150	.10	.150	50	N	N	N	<10	50
149PC2	39 2 19	106 53 0	20.00	3.000	7.00	1.000	1,500	<1.0	N	N	50	200
149PC3	39 2 19	106 53 0	3.00	1.500	10.00	>2.000	500	N	N	N	50	3,000
149R1	39 2 19	106 53 0	2.00	.150	.30	.070	100	N	N	N	<10	700
149R2	39 2 19	106 53 0	3.00	1.000	3.00	.050	200	N	N	N	N	50
149R3	39 2 19	106 53 0	.30	.020	.07	N	20	N	N	N	<10	<20
150R	39 2 31	106 53 6	7.00	.150	<.05	.100	<10	N	N	N	<10	N
151R1	39 2 46	106 51 16	.20	<.020	<.05	.002	10	15.0	200	N	<10	100
151R2	39 2 46	106 51 16	1.00	5.000	5.00	.150	500	N	N	N	<10	20
151R3	39 2 46	106 51 16	5.00	.700	.50	.100	100	N	N	N	<10	N
151S	39 2 46	106 51 16	5.00	.300	.30	.200	300	2.0	700	N	<10	200
152R	39 2 52	106 51 10	1.00	.300	.07	.150	150	N	N	N	<10	500
152S	39 2 52	106 51 10	5.00	.300	.15	.200	150	N	N	N	<10	300
153R	39 3 2	106 51 5	10.00	.700	.30	.070	300	N	N	N	<10	50
153S	39 3 2	106 51 5	2.00	1.500	2.00	.150	300	N	N	N	<10	150
154R1	39 3 12	106 51 5	5.00	<.020	.05	.200	50	N	N	N	N	150
154R2	39 3 12	106 51 5	1.50	.500	1.00	.150	150	N	N	N	<10	700
154S	39 3 12	106 51 5	5.00	2.000	3.00	.150	1,000	N	N	N	100	200
155R1	39 3 16	106 51 7	1.50	3.000	5.00	.150	200	N	N	N	<10	20
155R2	39 3 16	106 51 7	1.50	.050	<.05	.100	10	N	N	N	<10	N
155S	39 3 16	106 51 7	5.00	.300	.15	.200	150	2.0	N	N	<10	150
156R	39 3 24	106 51 7	.70	.100	.10	.300	<10	20.0	N	N	<10	N
156S	39 3 24	106 51 7	3.00	.150	.10	.300	100	15.0	N	N	<10	100
157R	39 3 30	106 51 6	10.00	.200	.30	.150	500	N	N	N	N	N
157S	39 3 30	106 51 6	5.00	.200	.30	.150	200	N	N	N	<10	150
158R1	39 3 32	106 51 6	10.00	<.020	<.05	.070	200	3.0	N	N	N	<20
158R2	39 3 32	106 51 6	2.00	<.020	<.05	.030	15	1.5	N	N	<10	20
158S	39 3 32	106 51 6	5.00	.100	.05	.300	100	1.0	N	N	<10	200
159R	39 3 38	106 51 8	7.00	.020	.20	.030	1,000	N	N	N	<10	N
159S	39 3 38	106 51 8	7.00	.150	.10	.200	150	3.0	N	N	<10	70
160R	39 3 45	106 51 12	.50	7.000	>20.00	.020	700	N	N	N	<10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
143PC2	<2.0	N	N	30	150	30	200	10	<50	70	<20	N
143PC3	<2.0	<20	N	10	30	15	200	<10	<50	10	N	N
143R1	N	N	N	70	30	10	<20	N	N	15	N	N
143R2	N	N	N	<5	10	7	20	5	N	10	N	N
143SS	1.0	N	N	20	100	20	50	N	<20	50	30	N
144R	N	N	N	N	N	<5	30	N	N	<5	N	N
145R	N	<10	N	N	N	10	N	N	N	<5	15	N
146R	<1.0	N	N	N	30	2,000	<20	N	N	10	N	N
146S	1.0	N	N	<5	30	15	<20	N	N	5	<10	N
147R1	N	100	<20	N	N	3,000	N	7	N	15	30	<100
147R2	N	70	50	N	10	5,000	N	N	N	<5	5,000	150
147S	N	N	N	N	20	15	20	N	N	<5	<10	N
148PC2	2.0	<20	N	30	100	50	200	10	<50	50	20	N
148PC3	N	N	N	10	150	<10	700	<10	150	<10	<20	N
148R	<1.0	N	N	N	N	30	N	N	N	<5	N	N
149PC2	2.0	<20	N	30	100	50	150	<10	<50	30	30	N
149PC3	5.0	<20	N	10	100	10	500	<10	50	10	20	N
149R1	N	N	N	N	N	30	N	N	N	<5	N	N
149R2	1.0	N	N	N	10	50	150	N	N	<5	N	N
149R3	N	N	N	5	N	<5	N	N	N	<5	N	N
150R	N	15	N	N	10	<5	N	N	N	5	N	N
151R1	N	N	N	N	N	5	N	N	N	<5	N	N
151R2	1.5	N	N	N	70	7	30	N	N	10	N	N
151R3	N	20	N	20	20	15	N	N	N	15	N	N
151S	<1.0	<10	N	5	30	50	20	N	N	7	10	N
152R	1.0	N	N	N	N	<5	N	N	N	<5	N	N
152S	1.0	<10	N	<5	20	15	70	N	N	<5	10	N
153R	N	N	N	5	20	5	N	N	N	7	10	N
153S	1.5	N	N	5	70	10	20	N	N	15	<10	N
154R1	<1.0	<10	N	N	30	<5	20	N	N	<5	20	N
154R2	1.5	N	N	<5	N	<5	20	N	N	<5	10	N
154S	1.5	<10	N	20	70	30	30	10	N	30	15	N
155R1	1.5	N	N	5	70	70	70	N	N	15	N	N
155R2	N	10	N	N	50	15	N	N	N	<5	10	N
155S	1.5	10	N	N	70	70	20	N	N	10	30	N
156R	N	50	N	N	100	10	30	N	N	<5	50	N
156S	1.0	70	N	N	70	200	50	N	N	<5	70	N
157R	N	N	N	10	70	50	20	N	N	15	N	N
157S	1.0	N	N	5	50	70	20	N	N	7	<10	N
158R1	N	<10	N	N	30	50	<20	N	N	N	50	N
158R2	N	<10	N	N	10	7	N	N	N	<5	150	N
158S	<1.0	<10	N	N	70	50	<20	N	N	<5	20	N
159R	N	N	N	10	15	200	N	N	N	7	10	N
159S	<1.0	<10	N	<5	70	200	20	N	N	10	70	N
160R	N	N	N	5	10	<5	N	30	N	<5	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
143PC2	30	N	<200	300	N	100	N	700	--	--
143PC3	10	N	<200	100	N	200	N	>2,000	--	--
143R1	5	N	<100	100	N	10	N	30	<.05	<.02
143R2	5	N	<100	30	N	10	N	70	<.05	.02
143SS	10	N	150	100	N	20	N	200	<.05	--
144R	7	N	N	70	N	15	N	70	<.05	N
145R	N	N	N	N	N	N	N	50	.40	N
146R	7	N	N	30	N	10	300	150	<.05	N
146S	5	N	100	30	N	20	<200	200	<.05	.10
147R1	N	N	1,500	10	N	30	500	N	1.20	.02
147R2	N	N	1,500	10	N	10	5,000	30	.50	.26
147S	<5	N	N	20	N	10	<200	70	<.20	.24
148PC2	30	N	<200	300	N	100	N	500	--	--
148PC3	50	30	N	500	300	500	N	>2,000	--	--
148R	5	N	N	30	N	N	N	100	<.05	N
149PC2	30	N	<200	300	N	70	N	700	--	--
149PC3	30	20	<200	300	<100	500	N	>2,000	--	--
149R1	N	N	150	10	N	10	N	20	<.05	N
149R2	7	N	300	30	N	15	N	50	<.05	.06
149R3	N	N	N	N	N	N	N	N	<.05	.02
150R	5	N	N	15	N	<10	N	100	<.05	N
151R1	N	N	N	N	N	<10	N	N	.60	N
151R2	10	N	100	50	N	15	N	70	<.05	.02
151R3	7	N	<100	30	N	N	N	10	<.05	N
151S	10	N	<100	30	N	15	N	150	.20	.06
152R	5	N	100	30	N	N	N	70	<.05	N
152S	10	N	300	50	N	15	N	150	.10	<.02
153R	5	N	N	20	N	N	N	100	.10	N
153S	10	N	100	50	N	20	N	200	<.05	N
154R1	7	N	150	20	N	N	N	150	<.05	N
154R2	7	N	500	50	N	20	N	50	<.05	<.02
154S	10	N	200	70	N	30	N	100	<.20	N
155R1	10	N	100	70	N	20	N	150	<.05	.04
155R2	5	N	N	30	N	N	N	50	<.05	N
155S	15	N	<100	100	N	15	N	150	.15	<.02
156R	10	N	<100	50	N	10	N	100	<.05	N
156S	10	N	100	50	N	15	N	100	.10	.02
157R	<5	N	N	100	N	15	N	100	<.05	.02
157S	7	N	<100	50	N	15	N	100	<.05	.02
158R1	5	N	100	20	N	15	N	30	<.05	.04
158R2	N	N	<100	<10	N	N	N	50	<.05	N
158S	10	N	N	30	N	15	N	300	<.05	.02
159R	N	N	N	30	N	<10	N	70	<.05	N
159S	10	N	N	50	N	15	N	150	.10	.04
160R	N	N	150	20	N	N	N	N	<.05	.02

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
160SA	39 3 45	106 51 12	1.50	1.000	1.50	.150	300	N	N	N	10	150
160SB	39 3 45	106 51 12	2.00	1.000	.30	.150	200	N	N	N	10	100
161R	39 3 52	106 51 15	3.00	<.020	.10	.300	15	1.0	N	N	<10	150
162R	39 3 56	106 51 16	3.00	.020	.10	.150	100	N	N	N	<10	150
162S	39 3 56	106 51 16	3.00	1.500	.50	.150	300	N	N	N	20	150
163R	39 4 21	106 51 6	7.00	<.020	.05	.300	50	1.0	N	N	<10	70
163S	39 4 21	106 51 6	3.00	.300	.50	.300	150	N	N	N	<10	300
164R	39 4 26	106 50 46	.70	.020	.10	.150	30	N	N	N	<10	<20
164S	39 4 26	106 50 46	.70	.070	.20	.200	150	N	N	N	<10	150
165R	39 3 3	106 53 31	10.00	.150	.50	.300	300	N	N	N	<10	300
166R1	39 3 1	106 53 41	7.00	.050	.07	.300	70	N	N	N	<10	150
166R2	39 3 1	106 53 41	.50	.070	>20.00	.003	700	N	N	N	N	N
166R3	39 3 1	106 53 41	3.00	<.020	.07	.500	50	N	N	N	<10	500
166SS	39 3 1	106 53 41	7.00	1.500	1.50	.500	700	1.0	N	N	10	300
167R1	39 3 0	106 53 43	15.00	.300	.07	.070	700	10.0	N	N	<10	>5,000
167R2	39 3 0	106 53 43	7.00	.500	.30	.007	>5,000	2.0	N	N	N	500
168R1	39 2 54	106 53 51	1.50	.200	.05	.300	50	N	N	N	<10	700
168R2	39 2 54	106 53 51	10.00	.020	<.05	.070	20	7.0	N	N	N	70
168SS	39 2 54	106 53 51	5.00	1.500	1.00	.500	1,000	2.0	N	N	20	500
169R1	39 2 41	106 53 50	10.00	.020	<.05	.050	50	.5	N	N	<10	100
169R2	39 2 41	106 53 50	5.00	.150	.07	.500	10	2.0	N	N	<10	20
170R1	39 2 35	106 53 54	10.00	.030	<.05	.070	10	N	N	N	N	N
170R2	39 2 35	106 53 54	2.00	.030	<.05	.300	<10	.7	N	N	<10	N
170R3	39 2 35	106 53 54	2.00	.050	.10	.300	15	1.0	N	N	<10	300
170S	39 2 35	106 53 54	3.00	1.000	.50	.300	300	N	N	N	<10	200
171R	39 2 23	106 53 54	5.00	.300	.20	.300	100	3.0	N	N	<10	300
172R1	39 2 13	106 54 6	2.00	.070	.07	.100	15	3.0	N	N	<10	100
172R2	39 2 13	106 54 6	5.00	2.000	2.00	.300	300	N	N	N	<10	1,500
173R1	39 1 44	106 54 8	10.00	2.000	3.00	.100	2,000	5.0	N	N	<10	100
173R2	39 1 44	106 54 8	2.00	2.000	5.00	.300	700	N	N	N	<10	150
173S	39 1 44	106 54 8	2.00	1.000	1.00	.300	500	N	N	N	<10	300
174R1	39 1 37	106 54 7	5.00	3.000	>20.00	.070	2,000	N	N	N	N	20
174R2	39 1 37	106 54 7	10.00	.020	.15	.005	200	7.0	2,000	N	<10	30
175R1	39 1 26	106 53 55	3.00	.300	2.00	.150	1,000	N	N	N	<10	150
175R2	39 1 26	106 53 55	5.00	.200	.20	.300	700	N	N	N	10	150
176R1	39 1 27	106 54 21	3.00	5.000	10.00	.150	1,000	N	N	N	<10	20
176R2	39 1 27	106 54 21	15.00	.030	.10	.070	70	N	N	N	<10	150
176S	39 1 27	106 54 21	2.00	1.000	1.00	.200	300	N	N	N	<10	300
177R	39 1 9	106 54 13	15.00	1.000	3.00	.070	500	N	N	N	<10	300
178R	39 1 3	106 54 24	1.00	.050	3.00	.030	200	N	N	N	<10	30
179R1	39 0 51	106 54 37	1.50	.100	2.00	.070	200	N	N	N	<10	1,000
179R2	39 0 51	106 54 37	.70	.150	.30	.050	50	N	N	N	<10	500
179R3	39 0 51	106 54 37	1.00	2.000	5.00	.150	500	N	N	N	<10	1,500
179S	39 0 51	106 54 37	2.00	.700	.70	.200	300	N	N	N	<10	300
180R	39 0 29	106 54 33	7.00	.050	.07	.070	30	N	N	N	<10	1,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
160SA	<1.0	N	N	5	50	20	<20	N	N	10	10	N
160SB	1.5	N	N	10	70	<5	20	N	N	15	<10	N
161R	N	10	N	N	N	70	N	N	N	<5	20	N
162R	2.0	N	N	N	N	150	<20	N	N	<5	N	N
162S	2.0	N	N	7	50	200	30	5	N	10	N	N
163R	N	<10	N	<5	N	<5	<20	N	N	<5	10	N
163S	1.5	N	N	10	10	15	30	N	N	<5	<10	N
164R	N	N	N	<5	N	<5	N	N	N	<5	N	N
164S	1.0	N	N	<5	20	7	<20	N	N	<5	<10	N
165R	N	N	N	<5	70	30	20	N	N	5	10	N
166R1	N	<10	N	N	20	5	N	N	N	<5	<10	N
166R2	N	N	N	N	N	<5	<20	N	N	<5	N	N
166R3	1.0	<10	N	<5	50	100	N	N	N	5	<10	N
166SS	1.5	30	N	20	50	50	70	10	20	30	30	N
167R1	1.5	N	N	N	30	20,000	N	N	N	<5	70	N
167R2	2.0	N	N	N	N	2,000	N	N	N	<5	20	N
168R1	1.0	<10	N	N	N	20	N	N	N	<5	<10	N
168R2	N	20	N	N	N	50	N	N	N	N	30	N
168SS	1.5	10	N	30	20	100	50	N	<20	20	20	N
169R1	N	20	N	10	10	15	N	N	N	7	<10	N
169R2	1.0	200	N	N	100	7	20	N	N	<5	30	N
170R1	N	<10	N	N	N	15	<20	N	N	N	10	N
170R2	N	<10	N	N	10	<5	N	N	N	<5	70	N
170R3	N	10	N	N	N	10	20	N	N	<5	15	N
170S	1.0	<10	N	7	30	20	20	5	N	5	15	N
171R	N	10	N	N	10	30	30	N	N	<5	50	N
172R1	N	N	N	N	50	7	N	N	N	<5	N	N
172R2	1.0	N	N	5	30	20	50	N	N	<5	10	N
173R1	N	N	N	700	20	10	100	N	N	700	N	N
173R2	N	N	N	N	30	<5	50	N	N	<5	N	N
173S	1.5	N	N	7	50	15	30	N	N	15	10	N
174R1	N	N	N	100	30	<5	70	N	N	70	N	N
174R2	N	N	N	10	10	150	N	N	N	20	30	N
175R1	N	N	N	20	N	5	100	N	N	20	N	N
175R2	<1.0	N	N	10	<10	<5	100	N	N	10	N	N
176R1	N	N	N	30	50	5	20	5	N	10	N	N
176R2	N	N	N	10	30	15	N	5	N	5	N	N
176S	2.0	N	N	10	50	20	30	N	N	15	10	N
177R	1.0	N	N	700	30	1,500	N	N	N	70	N	N
178R	N	N	N	50	20	<5	N	N	N	5	N	N
179R1	N	N	N	5	10	<5	N	N	N	<5	<10	N
179R2	N	N	N	N	15	<5	N	N	N	<5	N	N
179R3	3.0	N	N	10	50	15,000	20	N	N	15	30	N
179S	2.0	N	N	7	50	5	20	N	N	15	10	N
180R	N	N	N	7	30	70	N	N	N	5	100	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
160SA	7	N	<100	30	N	15	N	100	<.05	.26
160SB	10	N	100	70	N	20	N	150	<.05	<.02
161R	10	N	100	70	N	<10	N	150	<.05	.02
162R	10	N	<100	100	N	15	N	50	<.05	N
162S	7	N	N	70	N	20	N	70	<.20	<.02
163R	10	N	100	50	N	N	N	100	<.05	N
163S	10	N	200	100	N	15	N	150	<.05	N
164R	N	N	<100	30	N	N	N	70	<.05	N
164S	5	N	N	30	N	10	N	150	<.05	.36
165R	5	N	100	30	N	15	N	200	<.05	N
166R1	<5	N	<100	30	N	N	N	150	<.05	.06
166R2	N	N	150	<10	N	50	N	N	<.05	N
166R3	5	N	<100	30	N	N	N	150	<.05	.02
166SS	10	N	100	100	<50	30	N	300	.08	--
167R1	7	N	300	50	70	20	500	50	15.00	N
167R2	10	N	N	15	N	50	500	N	.05	N
168R1	7	N	100	70	N	10	N	70	<.05	N
168R2	5	N	100	50	N	N	N	30	<.05	.12
168SS	10	N	300	100	N	30	N	100	.06	--
169R1	N	N	N	20	N	N	N	20	.10	N
169R2	10	N	100	70	N	20	N	150	<.05	N
170R1	<5	N	N	70	50	N	N	N	.05	N
170R2	5	N	<100	70	N	N	N	30	2.00	N
170R3	7	N	100	70	N	N	N	30	.05	N
170S	10	N	150	150	N	20	N	150	2.00	N
171R	15	N	200	100	N	30	N	50	.05	N
172R1	<5	N	N	50	N	10	N	50	.15	N
172R2	10	N	700	100	N	20	N	70	<.05	.04
173R1	30	N	N	150	N	70	N	10	.20	N
173R2	15	N	<100	150	N	15	N	50	<.05	.16
173S	15	N	150	100	N	20	N	200	<.05	N
174R1	15	N	100	50	N	70	N	30	.10	N
174R2	7	N	N	30	N	150	N	N	5.00	.04
175R1	5	N	<100	30	N	<10	N	30	<.05	N
175R2	10	N	N	70	N	20	N	150	.40	N
176R1	30	N	<100	50	N	70	N	50	<.05	N
176R2	N	N	N	300	N	N	N	70	<.05	.02
176S	10	N	<100	50	N	20	N	150	<.05	<.02
177R	N	N	N	30	N	10	N	30	<.05	N
178R	N	N	N	20	N	<10	N	50	<.05	N
179R1	N	N	<100	150	N	<10	N	20	<.05	N
179R2	N	N	N	30	N	N	N	30	<.05	N
179R3	5	N	100	30	N	20	300	100	<.05	.02
179S	7	N	100	50	N	20	N	200	<.05	N
180R	N	N	<100	30	N	N	N	50	.10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
180S	39 0 29	106 54 33	2.00	.700	.30	.300	200	N	N	N	15	300
181R	39 0 23	106 54 31	5.00	2.000	15.00	.070	3,000	N	N	N	<10	100
181S	39 0 23	106 54 31	2.00	.300	2.00	.300	700	N	N	N	<10	300
182R	39 0 14	106 54 27	2.00	1.500	10.00	.150	2,000	N	N	N	10	200
182S	39 0 14	106 54 27	2.00	1.500	.15	.200	200	N	N	N	10	300
183R1	39 0 11	106 54 13	2.00	.300	.50	.150	700	3.0	N	N	10	150
183R2	39 0 11	106 54 13	3.00	.100	.30	.150	300	5.0	500	N	10	100
183R3	39 0 11	106 54 13	10.00	3.000	7.00	.150	>5,000	.5	N	N	10	N
183R4	39 0 11	106 54 13	.70	.300	.20	.100	700	N	N	N	<10	500
184R1	39 0 24	106 54 3	1.50	.200	<.05	.200	30	3.0	N	N	10	100
184R2	39 0 24	106 54 3	2.00	.200	<.05	.300	20	50.0	1,000	N	50	70
185R1	39 0 34	106 54 2	7.00	1.500	5.00	.010	1,000	.5	N	N	N	N
185R2	39 0 34	106 54 2	20.00	<.020	.07	.005	150	100.0	N	N	N	N
186R1	39 0 39	106 53 51	3.00	.200	5.00	.015	3,000	20.0	500	N	<10	>5,000
186R2	39 0 39	106 53 51	5.00	<.020	.07	.030	70	30.0	200	N	<10	>5,000
186R3	39 0 39	106 53 51	10.00	.070	2.00	.070	700	10.0	<200	N	<10	1,500
187R	39 1 10	106 53 46	15.00	<.020	<.05	.007	150	15.0	N	N	N	300
188R	39 0 35	106 51 38	10.00	.030	.07	.150	150	N	N	N	N	150
189R	39 0 46	106 51 48	5.00	5.000	5.00	.300	300	N	N	N	<10	300
190R1	39 1 6	106 51 46	5.00	.700	1.50	.150	300	1.5	N	N	<10	500
190R2	39 1 6	106 51 46	1.00	<.020	.07	.002	100	3.0	N	N	<10	700
191PC2	39 3 8	106 52 55	30.00	2.000	5.00	1.500	1,000	<1.0	N	N	20	150
191PC3	39 3 8	106 52 55	3.00	1.000	5.00	>2.000	150	N	N	N	<20	2,000
192R1	39 3 38	106 53 14	1.50	.200	.07	.050	700	5,000.0	500	N	10	200
192R2	39 3 38	106 53 14	5.00	.300	.05	.050	>5,000	500.0	200	N	10	700
192R3	39 3 38	106 53 14	10.00	.500	.10	.300	70	7.0	N	N	10	100
193R1	39 3 46	106 53 21	1.00	.030	<.05	<.002	70	1.5	N	N	<10	70
193R2	39 3 46	106 53 21	10.00	2.000	20.00	.200	>5,000	<.5	N	N	50	300
193R3	39 3 46	106 53 21	20.00	.200	.05	.150	200	2.0	N	N	<10	50
193R4	39 3 46	106 53 21	15.00	.200	.05	.020	300	5.0	200	N	<10	70
194R	39 3 54	106 53 16	10.00	1.000	.10	.500	300	7.0	N	N	30	1,500
195R1	39 4 5	106 53 24	5.00	.100	.07	.500	30	<.5	N	N	<10	30
195R2	39 4 5	106 53 24	15.00	.150	.10	.200	300	N	N	N	<10	<20
196R	39 4 13	106 53 2	10.00	.020	.10	.300	70	.5	N	N	<10	30
197R	39 1 27	106 52 8	10.00	5.000	15.00	.010	>5,000	.5	500	N	<10	1,000
198R1	39 1 24	106 51 48	5.00	.200	.07	.150	300	1.5	700	N	10	200
198R2	39 1 24	106 51 48	7.00	3.000	3.00	.500	1,000	<.5	N	N	<10	2,000
198R3	39 1 24	106 51 48	20.00	1.000	.05	.500	700	1.5	300	N	20	1,000
199R1	39 1 45	106 51 59	3.00	.700	.20	.500	100	<.5	N	N	30	700
199R2	39 1 45	106 51 59	3.00	.050	<.05	.070	20	2.0	200	N	20	2,000
200R	39 1 47	106 52 5	5.00	.020	<.05	<.002	<10	.5	<200	N	10	200
201R	39 1 50	106 52 18	5.00	.030	<.05	.010	10	.5	<200	N	<10	70
202R	39 2 9	106 52 21	20.00	2.000	1.50	.200	300	N	N	N	<10	<20
203R1	39 2 32	106 52 20	7.00	.100	.20	.700	50	2.0	N	N	10	20
203R2	39 2 32	106 52 20	5.00	.150	.10	.150	50	N	N	N	10	30

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
180S	3.0	N	N	7	70	5	30	N	N	20	N	N
181R	N	N	N	10	30	1,500	20	5	N	15	20	N
181S	2.0	N	N	70	100	150	20	5	N	30	<10	N
182R	1.5	N	N	5	50	70	30	5	N	15	<10	N
182S	1.5	N	N	5	70	10	30	N	N	15	10	N
183R1	1.0	N	N	5	30	30	20	N	N	10	15	N
183R2	<1.0	10	N	10	30	700	N	N	N	15	70	N
183R3	1.0	<10	N	70	70	20	N	5	N	30	15	N
183R4	<1.0	N	N	5	30	<5	N	N	N	5	<10	N
184R1	1.5	N	N	N	50	15	50	N	N	<5	10	N
184R2	<1.0	N	N	N	70	500	30	N	N	10	20	N
185R1	N	<10	N	70	N	10	N	30	N	30	<10	N
185R2	N	50	N	30	N	10,000	N	N	N	30	700	N
186R1	N	100	N	20	N	2,000	N	N	N	30	150	<100
186R2	N	20	N	5	N	700	N	N	N	10	200	N
186R3	N	<10	N	10	15	700	N	N	N	20	50	N
187R	N	<10	N	5	<10	500	<20	N	N	15	70	N
188R	1.5	N	N	<5	30	20	<20	10	N	20	N	N
189R	3.0	N	N	10	150	30	50	N	N	50	<10	N
190R1	1.5	N	N	<5	50	50	<20	N	N	5	<10	N
190R2	<1.0	N	N	N	N	20	N	N	N	<5	300	N
191PC2	2.0	N	N	30	200	100	200	N	<50	30	<20	N
191PC3	2.0	<20	N	15	70	10	200	<10	<50	<10	<20	N
192R1	1.0	<10	N	<5	<10	5,000	N	30	<10	<5	2,000	2,000
192R2	N	<10	N	100	<10	1,000	<20	50	<10	5	700	150
192R3	N	50	N	N	<10	30	20	5	<10	<5	50	N
193R1	1.0	<10	N	<5	<10	<5	N	<5	<10	<5	<10	N
193R2	1.5	N	N	10	30	<5	N	N	N	300	N	N
193R3	N	10	N	5	20	10	N	N	N	10	10	N
193R4	N	10	N	20	10	7	N	10	N	15	10	N
194R	<1.0	N	N	<5	50	500	20	7	<10	<5	70	N
195R1	N	<10	N	N	30	10	N	N	<10	<5	10	N
195R2	N	<10	N	<5	30	100	N	<5	N	5	15	N
196R	N	N	N	<5	<10	20	N	5	<10	<5	<10	N
197R	2.0	N	N	10	N	100	70	N	N	<5	30	N
198R1	N	N	N	5	<10	15	100	<5	<10	5	<10	N
198R2	1.0	N	N	20	30	30	70	N	<10	15	20	N
198R3	2.0	N	N	15	15	50	50	N	N	<5	15	N
199R1	1.5	<10	N	7	<10	5	70	<5	<10	<5	10	N
199R2	N	<10	N	50	<10	1,000	20	15	<10	50	<10	N
200R	N	N	N	70	N	50	N	N	<10	5	N	N
201R	N	<10	N	70	N	5	N	N	<10	5	N	N
202R	2.0	<10	N	10	20	<5	N	<5	N	15	N	N
203R1	<1.0	10	N	10	50	500	N	7	10	5	10	N
203R2	1.0	<10	N	N	70	300	20	70	N	5	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
180S	10	N	<100	70	N	20	N	200	<.05	<.02
181R	5	N	N	30	N	50	N	20	.50	N
181S	15	N	<100	150	N	15	N	150	<.05	N
182R	7	N	<100	30	N	30	N	30	<.05	.04
182S	10	N	N	70	N	20	N	150	<.05	N
183R1	5	N	N	30	N	10	N	150	<.05	.02
183R2	5	N	N	100	N	10	N	50	<.05	N
183R3	15	N	N	100	N	20	N	50	.05	<.02
183R4	N	N	N	30	N	N	N	30	<.05	.04
184R1	7	N	<100	70	N	20	N	100	.15	N
184R2	10	N	N	50	N	20	N	150	.10	N
185R1	N	N	N	15	N	15	N	N	<.05	N
185R2	N	20	N	20	N	30	200	10	.70	<.02
186R1	7	N	1,000	20	N	30	300	N	.15	.06
186R2	N	N	>5,000	15	N	N	N	10	.10	N
186R3	5	N	<100	30	N	10	200	20	.10	.10
187R	N	N	N	<10	N	N	700	<10	8.00	N
188R	15	N	N	50	N	50	<200	150	<.05	.64
189R	15	N	150	150	N	30	N	70	<.05	N
190R1	10	N	100	70	N	50	N	70	.15	N
190R2	N	N	<100	N	N	N	<200	N	.15	N
191PC2	20	N	N	500	N	100	<500	1,000	--	--
191PC3	30	N	N	200	200	500	N	>2,000	--	--
192R1	5	N	N	20	N	N	2,000	<10	.50	.32
192R2	5	15	200	50	N	N	300	20	<.05	.10
192R3	7	N	150	100	50	10	N	200	<.05	N
193R1	N	N	N	10	N	N	N	N	<.05	N
193R2	7	N	<100	150	N	20	N	30	<.05	N
193R3	7	N	<100	30	N	20	N	50	<.05	N
193R4	<5	N	N	10	N	<10	N	20	.05	.02
194R	<5	N	N	100	<50	<10	N	200	.10	N
195R1	<5	N	N	70	N	N	N	300	<.05	N
195R2	5	N	N	50	N	10	N	150	<.05	N
196R	7	N	100	150	N	<10	N	200	<.05	N
197R	10	N	150	10	N	150	300	<10	<.05	N
198R1	10	N	N	50	N	<10	N	30	.50	N
198R2	15	N	1,000	200	N	30	N	200	<.05	N
198R3	15	N	N	150	N	15	N	300	<.05	.02
199R1	15	N	<100	200	N	30	N	300	<.05	N
199R2	N	N	N	15	N	N	N	20	1.50	N
200R	N	N	N	10	N	N	N	N	.05	N
201R	N	N	N	<10	N	N	N	<10	.20	N
202R	5	N	150	100	N	N	N	200	<.05	N
203R1	10	<10	100	150	N	30	N	500	<.05	N
203R2	5	N	N	100	N	<10	N	100	<.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
204PC2	39 5 44	106 51 52	30.00	5.000	10.00	1.000	3,000	1.5	N	N	20	500
204PC3	39 5 44	106 51 52	5.00	7.000	10.00	>2.000	1,000	10.0	N	N	50	>10,000
205R	39 3 45	106 52 36	20.00	<.020	<.05	<.002	100	N	N	N	<10	<20
206R1	39 3 31	106 52 7	15.00	.500	.15	.300	700	<.5	N	N	10	200
206R2	39 3 31	106 52 7	15.00	1.000	.05	.300	50	N	N	N	15	70
207R	39 3 38	106 51 55	3.00	.500	.15	.300	15	N	N	N	<10	1,000
208R1	39 4 6	106 51 50	20.00	.200	.20	.200	70	<.5	N	N	<10	150
208R2	39 4 6	106 51 50	7.00	3.000	1.50	.150	100	<.5	N	N	<10	70
209R	39 4 25	106 51 33	10.00	<.020	.15	.300	<10	<.5	N	N	<10	100
210R	39 4 59	106 51 24	10.00	.200	.20	.500	10	N	N	N	<10	700
211PC2	39 3 36	106 52 50	30.00	3.000	10.00	1.000	2,000	<1.0	N	N	<20	200
211PC3	39 3 36	106 52 50	10.00	1.500	7.00	>2.000	200	N	N	N	20	7,000
212PC2	39 4 2	106 52 43	50.00	2.000	10.00	.700	2,000	2.0	N	N	<20	1,000
212PC3	39 4 2	106 52 43	15.00	.100	2.00	1.500	100	2.0	N	N	<20	>10,000
A001R	39 1 41	107 0 32	2.00	2.000	5.00	.200	300	N	N	N	<10	500
A002R	39 1 50	107 0 6	.30	.300	7.00	.030	300	N	N	N	<10	300
A003R	39 2 2	106 59 43	2.00	1.000	5.00	.200	300	N	N	N	<10	300
A004R	39 2 0	106 59 39	2.00	.300	1.50	.200	500	N	N	N	<10	700
A005R	39 1 53	106 59 17	.50	.700	5.00	.070	700	N	N	N	<10	300
A006R	39 1 45	106 58 25	2.00	1.000	5.00	.200	300	N	N	N	<10	<20
A007R	39 1 37	106 58 17	15.00	1.000	2.00	.030	1,500	20.0	500	N	<10	>5,000
A008R	39 1 23	106 58 19	10.00	.070	1.50	.020	1,000	100.0	700	N	<10	>5,000
A009R	39 1 14	106 58 21	2.00	1.000	10.00	.150	2,000	1.0	N	N	<10	500
A010R	39 1 14	106 58 21	3.00	1.000	2.00	.200	200	N	N	N	<10	1,000
A011R	39 0 49	106 56 28	3.00	1.500	1.50	.300	150	N	N	N	<10	700
A012R	39 0 52	106 56 29	5.00	5.000	7.00	.100	2,000	N	N	N	<10	N
A013R	39 1 5	106 56 26	3.00	2.000	.20	.150	2,000	N	N	N	N	>5,000
A014R	39 1 5	106 56 26	5.00	7.000	20.00	.007	3,000	N	N	N	N	50
A015R	39 1 5	106 56 26	15.00	.015	.05	.007	1,000	N	N	N	<10	30
A016SS	39 1 12	106 56 39	2.00	.700	.50	.300	500	N	N	N	15	200
A017SS	39 1 23	106 56 50	3.00	.500	.70	.300	700	N	N	N	10	300
A018SS	39 1 35	106 56 45	1.00	.300	.50	.200	300	N	N	N	10	200
A019SS	39 1 40	106 56 38	1.50	.300	.50	.300	200	N	N	N	<10	150
A020SS	39 1 47	106 56 35	2.00	1.500	.50	.300	200	N	N	N	<10	200
A021R	39 3 7	106 54 52	3.00	1.000	.50	.150	500	N	N	N	<10	1,000
A023R	39 3 9	106 54 57	3.00	3.000	7.00	.150	1,500	N	N	N	<10	300
A024R	39 3 9	106 55 3	.50	.100	.05	.100	50	N	N	N	<10	1,000
A025R	39 3 10	106 55 8	5.00	.700	3.00	.300	700	N	N	N	<10	50
A026R	39 3 8	106 55 9	3.00	3.000	3.00	.300	700	N	N	N	<10	700
A028R	39 2 36	106 55 5	5.00	2.000	3.00	.300	700	N	N	N	<10	500
A029R	39 2 37	106 55 18	2.00	.700	2.00	.150	300	N	N	N	<10	1,500
A030R	39 2 36	106 55 44	3.00	.500	2.00	.200	150	N	N	N	<10	1,000
A031SS	39 7 32	107 5 49	2.00	.500	1.00	.200	500	N	N	N	<10	300
A032R	39 7 38	107 5 59	3.00	.500	1.00	.150	150	N	N	N	<10	1,000
A033R	39 7 54	107 6 12	.30	.200	.50	.300	100	N	N	N	<10	100

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SE
204PC2	2.0	<20	N	70	150	200	300	70	<50	70	20	N
204PC3	<2.0	700	N	20	150	70	200	50	70	10	150	N
205R	10.0	N	N	30	<10	5	30	N	N	20	<10	N
206R1	1.0	<10	N	7	N	70	N	100	<10	<5	<10	N
206R2	1.0	<10	N	N	30	200	20	<5	<10	<5	N	N
207R	1.0	<10	N	N	<10	30	30	<5	N	<5	<10	N
208R1	N	<10	N	5	30	200	100	7	<10	<5	10	N
208R2	1.0	<10	N	N	20	70	<20	5	N	<5	<10	N
209R	<1.0	<10	N	N	N	5	50	N	N	<5	<10	N
210R	<1.0	<10	N	20	<10	10	30	<5	10	<5	10	N
211PC2	2.0	N	N	20	150	70	500	15	<50	50	<20	N
211PC3	2.0	50	N	30	100	15	300	<10	50	10	20	N
212PC2	N	N	N	70	100	1,000	300	15	<50	70	70	N
212PC3	N	N	N	30	<20	50	70	150	N	20	1,000	N
A001R	1.5	N	N	5	70	<5	<20	N	N	10	10	N
A002R	N	N	N	N	<10	<5	N	N	N	<5	N	N
A003R	1.0	N	N	N	50	<5	20	N	N	5	10	N
A004R	1.5	N	N	<5	N	7	30	N	N	<5	20	N
A005R	N	N	N	N	10	<5	N	N	N	<5	N	N
A006R	1.0	N	N	N	50	N	<20	5	N	5	N	N
A007R	1.0	<10	<20	N	15	5,000	N	N	N	5	70	500
A008R	N	20	30	N	N	>20,000	N	N	N	<5	20	700
A009R	1.0	N	N	7	30	700	20	10	N	5	N	N
A010R	1.0	N	N	N	N	<5	20	N	N	<5	N	N
A011R	1.0	N	N	<5	N	<5	30	N	N	<5	N	N
A012R	N	N	N	50	30	5	50	10	N	15	N	N
A013R	1.0	N	N	7	<10	30	50	N	N	20	N	N
A014R	N	N	N	N	15	7	N	15	N	<5	N	N
A015R	<1.0	N	N	5	N	5	<20	N	N	10	N	N
A016SS	3.0	N	N	7	20	15	20	N	N	10	20	N
A017SS	3.0	N	N	5	10	10	20	N	N	5	15	N
A018SS	2.0	N	N	<5	20	10	20	N	N	5	15	N
A019SS	1.5	N	N	5	15	10	20	N	N	7	N	N
A020SS	2.0	N	N	10	50	15	50	N	N	20	10	N
A021R	1.5	N	N	<5	N	30	N	N	N	5	<10	N
A023R	1.5	N	N	N	70	100	N	N	N	20	N	N
A024R	<1.0	N	N	N	N	30	20	100	N	5	<10	N
A025R	1.5	N	N	N	70	200	50	70	N	<5	N	N
A026R	1.5	N	N	10	200	100	<20	N	N	30	15	N
A028R	1.0	N	N	20	30	200	30	N	N	10	10	N
A029R	<1.0	N	N	N	10	100	50	N	N	5	15	N
A030R	1.0	N	N	<5	N	<5	20	N	N	<5	10	N
A031SS	1.0	N	N	5	20	7	20	N	N	<5	<10	N
A032R	1.0	N	N	N	N	<5	30	N	N	<5	<10	N
A033R	<1.0	N	N	N	N	<5	20	N	N	<5	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
204PC2	30	N	200	300	N	150	N	700	--	--
204PC3	30	20	700	500	1,000	300	N	>2,000	--	--
205R	N	N	N	<10	N	150	300	N	<.05	<.02
206R1	5	N	N	30	<50	10	N	200	<.05	N
206R2	7	N	N	50	N	N	N	150	<.05	N
207R	7	N	150	100	<50	10	N	100	<.05	N
208R1	<5	N	<100	30	N	N	N	70	<.05	N
208R2	N	N	100	30	N	N	N	100	<.05	N
209R	10	N	300	50	N	<10	N	150	<.05	N
210R	15	N	300	100	N	20	N	200	<.05	N
211PC2	30	N	<200	300	N	100	N	500	--	--
211PC3	50	20	200	300	500	500	N	>2,000	--	--
212PC2	20	N	N	300	100	100	N	300	--	--
212PC3	N	150	7,000	50	2,000	70	700	2,000	--	--
A001R	10	N	<100	70	N	20	N	150	<.05	.02
A002R	N	N	<100	15	N	<10	N	20	<.05	.04
A003R	10	N	100	50	N	20	N	300	.05	.02
A004R	10	N	200	70	N	10	N	100	<.05	<.02
A005R	<5	N	<100	20	N	10	N	100	.05	.04
A006R	7	N	<100	50	N	20	N	200	.05	.02
A007R	7	N	1,000	30	N	20	1,500	<10	.10	.10
A008R	N	N	1,000	<10	N	<10	3,000	15	.05	2.00
A009R	7	N	N	30	N	20	N	30	<.05	.02
A010R	10	N	700	30	N	15	N	70	<.05	<.02
A011R	10	N	300	100	N	20	N	70	<.05	<.02
A012R	10	N	100	70	N	30	N	100	.05	<.02
A013R	15	N	3,000	30	N	30	N	100	.05	.04
A014R	30	N	N	30	N	70	N	N	<.05	N
A015R	20	N	N	20	50	20	N	N	<.05	.02
A016SS	15	N	<100	100	N	20	N	150	<.05	.04
A017SS	10	N	300	70	N	15	N	150	<.10	.02
A018SS	10	N	150	50	N	30	N	200	<.10	.12
A019SS	7	N	<100	50	N	15	N	300	<.20	.04
A020SS	10	N	100	70	N	20	N	150	<.05	N
A021R	5	N	300	30	N	10	N	150	<.05	<.02
A023R	7	N	<100	50	N	15	N	150	<.05	<.02
A024R	N	N	100	20	N	N	N	100	<.05	<.02
A025R	10	15	100	70	<50	10	N	300	<.05	.04
A026R	15	N	500	150	N	20	N	100	<.05	.02
A028R	20	N	700	200	N	20	N	20	<.05	.02
A029R	5	N	700	30	N	N	N	70	<.05	.02
A030R	5	N	1,000	50	N	10	N	100	<.05	.02
A031SS	10	N	300	50	N	20	N	150	<.20	N
A032R	10	N	500	50	N	15	N	70	<.05	N
A033R	7	N	100	70	N	15	N	100	<.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
A034R	39 7 55	107 6 2	15.00	.020	.07	.050	300	N	N	N	N	70
A035R	39 7 48	107 5 57	15.00	.030	1.00	.010	200	N	N	N	<10	N
A036R	39 7 45	107 5 51	5.00	3.000	7.00	.150	500	N	N	N	<10	70
A037R	39 7 46	107 5 43	1.50	.500	10.00	.200	500	N	N	N	<10	1,500
A038R	39 8 8	107 6 21	2.00	1.000	1.50	.150	150	N	N	N	<10	1,500
A040SS	39 8 15	107 9 27	1.00	.200	.20	.200	200	N	N	N	<10	300
A041R	39 8 31	107 9 21	.20	.200	.50	.070	150	N	N	N	<10	150
B001SS	39 4 4	106 58 11	3.00	1.000	.70	.500	500	N	N	N	20	500
B002SS	39 4 8	106 58 9	5.00	2.000	1.00	.500	700	N	N	N	30	700
B003SS	39 5 35	106 58 40	3.00	2.000	1.00	.500	500	N	N	N	30	500
B004SS	39 5 53	106 59 1	3.00	2.000	.50	.300	500	N	N	N	30	500
B005SS	39 6 50	106 57 36	1.00	.300	.50	.200	150	N	N	N	10	300
B006SS	39 7 5	106 57 31	5.00	.700	.50	.300	500	N	N	N	20	500
B007SS	39 7 35	106 57 14	5.00	.700	.50	.500	500	N	N	N	30	500
B008SS	39 8 35	106 56 30	5.00	.700	.50	.500	500	N	N	N	20	500
B009SS	39 8 40	106 56 30	2.00	.500	.15	.300	300	N	N	N	30	300
B010SS	39 9 8	106 55 52	3.00	1.000	.20	.500	300	N	N	N	30	500
B011SS	39 9 38	106 55 23	3.00	.700	.20	.500	300	N	N	N	50	500
B012SS	39 9 37	106 55 17	3.00	.700	.20	.500	200	N	N	N	30	300
B013SS	39 9 57	106 54 23	2.00	.500	.20	.300	300	N	N	N	50	300
B014SS	39 6 28	107 0 51	2.00	.700	.20	.200	300	N	N	N	20	500
B015SS	39 7 2	107 1 45	3.00	1.000	1.00	.500	700	N	N	N	50	500
B016SS	39 8 5	107 0 45	3.00	.700	.50	.500	300	N	N	N	20	700
B017SS	39 9 44	107 1 14	3.00	.500	.70	.500	700	N	N	N	20	700
B018SS	39 10 45	107 1 15	3.00	1.000	2.00	.300	700	N	N	N	30	700
B019SS	39 4 58	107 6 13	5.00	.700	.30	.300	500	N	N	N	50	300
B020SS	39 5 26	107 7 1	5.00	1.000	.20	.300	500	N	N	N	50	500
B021SS	39 5 29	107 7 18	5.00	1.000	1.50	.500	700	N	N	N	30	500
B022SS	39 5 39	107 7 56	5.00	1.500	2.00	.500	1,500	N	N	N	100	300
B023SS	39 5 32	107 7 56	2.00	.300	.15	.200	300	N	N	N	20	300
B024SS	39 4 38	107 7 7	7.00	2.000	2.00	.500	500	N	N	N	100	700
B025R	39 4 37	107 6 12	10.00	3.000	5.00	.700	1,500	N	N	N	<10	1,000
B026SS	39 4 20	107 0 45	5.00	2.000	1.00	.500	500	N	N	N	30	700
B027SS	39 4 55	107 2 32	5.00	2.000	3.00	.300	700	N	N	N	50	1,500
B028SS	39 5 0	107 2 26	7.00	1.000	.70	.500	500	N	N	N	30	700
B029SS	39 5 19	107 4 4	5.00	1.000	1.00	.300	500	N	N	N	50	700
B030SS	39 4 40	107 8 41	5.00	.500	.30	.500	500	N	N	N	50	300
B031SS	39 4 39	107 8 38	5.00	2.000	1.50	.700	500	N	N	N	70	700
B032SS	39 5 59	107 4 31	3.00	.700	1.50	.500	500	N	N	N	70	700
B033SS	39 5 40	107 4 51	3.00	1.000	.50	.500	500	N	N	N	30	1,000
B034SS	39 4 25	107 5 14	5.00	.700	1.50	.300	500	N	N	N	50	1,000
B035S	39 5 20	107 6 6	1.50	.300	.07	.500	300	N	N	N	15	200
B036S	39 5 8	107 6 5	2.00	.500	.10	.500	500	N	N	N	20	500
B037S	39 4 53	107 5 58	2.00	.300	.10	.500	300	N	N	N	50	500
B038S	39 4 42	107 5 58	2.00	.200	.15	.300	500	N	N	N	30	300

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
A034R	N	N	N	50	<10	500	<20	200	N	30	N	N
A035R	N	N	N	5	N	100	<20	N	N	N	N	N
A036R	2.0	N	N	5	70	300	50	N	N	7	15	N
A037R	N	N	N	N	70	15	N	5	N	<5	N	N
A038R	1.0	N	N	N	N	<5	20	N	N	5	<10	N
A040SS	<1.0	N	N	<5	10	<5	20	N	N	<5	<10	N
A041R	N	N	N	N	N	<5	N	N	N	<5	N	N
B001SS	2.0	N	N	5	50	15	30	N	N	20	10	N
B002SS	3.0	N	N	7	70	20	30	N	N	30	20	N
B003SS	2.0	N	N	5	70	30	70	N	N	20	20	N
B004SS	2.0	N	N	5	70	20	70	N	N	30	20	N
B005SS	1.5	N	N	N	50	20	20	N	N	15	10	N
B006SS	3.0	N	N	5	70	10	20	N	N	20	15	N
B007SS	3.0	N	N	5	100	20	50	N	N	20	10	N
B008SS	2.0	N	N	5	70	20	50	N	N	20	10	N
B009SS	2.0	N	N	5	70	20	20	N	N	20	10	N
B010SS	3.0	N	N	5	100	20	N	N	N	30	10	N
B011SS	2.0	N	N	<5	50	30	70	N	N	20	10	N
B012SS	2.0	N	N	5	70	20	20	N	N	20	10	N
B013SS	2.0	N	N	<5	70	15	30	N	N	20	10	N
B014SS	2.0	N	N	<5	50	15	20	N	N	15	15	N
B015SS	2.0	N	N	<5	50	20	30	N	N	20	20	N
B016SS	3.0	N	N	5	70	15	30	N	N	20	15	N
B017SS	2.0	N	N	5	70	15	<20	N	N	15	10	N
B018SS	2.0	N	N	5	70	20	30	N	N	15	15	N
B019SS	2.0	N	N	7	70	20	20	N	N	20	15	N
B020SS	3.0	N	N	7	100	30	50	N	N	50	15	N
B021SS	2.0	N	N	10	20	30	50	N	N	20	10	N
B022SS	2.0	N	N	7	70	20	70	N	N	20	20	N
B023SS	2.0	N	N	5	50	30	30	N	N	15	10	N
B024SS	3.0	N	N	10	200	70	50	20	N	100	30	N
B025R	2.0	N	N	50	100	30	20	N	N	30	<10	N
B026SS	3.0	N	N	5	100	20	30	N	N	20	15	N
B027SS	2.0	N	N	5	50	30	50	N	N	15	10	N
B028SS	1.5	N	N	5	70	20	30	N	N	15	<10	N
B029SS	1.5	N	N	5	70	30	100	N	N	15	15	N
B030SS	2.0	N	N	5	50	30	20	N	N	10	<10	N
B031SS	3.0	N	N	7	150	50	50	15	N	50	20	N
B032SS	2.0	N	N	<5	30	20	20	N	N	10	<10	N
B033SS	2.0	N	N	5	70	30	30	N	N	15	20	N
B034SS	1.5	N	N	5	50	20	30	N	N	20	10	N
B035S	1.5	N	N	<5	70	20	<20	N	N	10	10	N
B036S	1.5	N	N	5	70	30	30	N	N	15	15	N
B037S	1.5	N	N	5	70	30	30	N	N	15	10	N
B038S	2.0	N	N	<5	70	20	20	N	N	15	20	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
A034R	<5	N	<100	70	N	N	N	N	.05	<.02
A035R	N	N	N	20	N	N	N	N	.05	N
A036R	10	N	300	50	N	20	N	100	<.05	N
A037R	10	N	200	50	N	30	N	150	<.05	N
A038R	7	N	700	50	N	15	N	50	<.05	N
A040SS	7	N	150	30	N	15	N	100	.05	<.02
A041R	N	N	100	15	N	10	N	50	<.05	N
B001SS	15	N	100	100	N	30	N	500	<.05	N
B002SS	15	N	100	100	N	30	N	500	<.05	N
B003SS	15	N	200	100	N	30	N	500	<.05	.04
B004SS	15	N	200	100	N	30	N	500	<.05	<.02
B005SS	7	N	100	50	N	15	N	200	<.10	.34
B006SS	10	N	100	100	N	20	N	500	<.10	.02
B007SS	15	N	100	100	N	30	N	700	<.05	N
B008SS	15	N	100	100	N	30	N	700	<.05	.02
B009SS	10	N	<100	70	N	20	N	700	<.05	<.02
B010SS	10	N	100	100	N	20	N	700	<.05	N
B011SS	15	N	<100	100	N	30	N	700	<.05	<.02
B012SS	10	N	<100	70	N	15	N	700	<.05	N
B013SS	10	N	<100	50	N	15	N	500	<.05	N
B014SS	7	N	<100	50	N	15	N	200	<.05	N
B015SS	10	N	150	100	N	20	N	500	<.10	.02
B016SS	15	N	100	150	N	20	N	700	<.05	N
B017SS	10	N	150	70	N	20	N	500	<.05	<.02
B018SS	10	N	200	100	N	30	N	200	<.05	N
B019SS	15	N	<100	150	N	20	N	300	<.05	N
B020SS	15	N	<100	150	N	30	N	300	<.10	N
B021SS	15	N	100	100	N	30	N	200	<.05	.04
B022SS	15	N	150	100	N	30	N	300	<.05	.02
B023SS	10	N	N	70	N	20	N	200	<.05	.02
B024SS	15	N	150	500	N	30	300	200	<.05	<.02
B025R	30	N	700	300	N	50	N	200	.05	.02
B026SS	15	N	<100	100	N	20	N	700	<.05	<.02
B027SS	7	N	100	70	N	30	N	500	<.05	.04
B028SS	7	N	100	100	N	30	N	700	<.05	N
B029SS	7	N	<100	100	N	50	N	1,000	<.05	N
B030SS	10	N	100	70	N	20	N	500	<.05	N
B031SS	15	N	100	300	N	30	200	500	<.05	<.02
B032SS	10	N	200	50	N	20	N	1,000	<.10	N
B033SS	15	N	<100	70	N	20	N	700	<.10	N
B034SS	7	N	100	100	N	20	N	1,000	<.05	<.02
B035S	10	N	N	70	N	15	N	300	<.05	.04
B036S	15	N	N	150	N	20	N	300	<.05	<.02
B037S	15	N	100	150	N	15	N	500	<.05	N
B038S	7	N	<100	150	N	15	N	200	<.10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
B039R	39 4 40	107 5 24	1.00	.200	.07	.070	300	N	N	N	10	500
B040S	39 3 43	107 4 6	1.50	.300	.10	.300	500	N	N	N	50	300
B041S	39 3 45	107 4 32	2.00	.500	.10	.300	300	N	N	N	30	500
B042S	39 3 48	107 5 3	1.50	.300	.15	.300	700	N	N	N	20	300
B043S	39 3 41	107 5 23	2.00	.300	.15	.500	500	N	N	N	30	700
B044SS	39 1 44	107 2 10	5.00	1.000	2.00	.500	500	N	N	N	70	1,000
B045SS	39 1 46	107 2 4	5.00	1.000	2.00	.500	500	N	N	N	100	1,000
B046SS	39 2 2	107 1 37	3.00	.700	1.50	.300	700	N	N	N	50	700
B047SS	39 2 3	107 1 41	5.00	1.000	1.00	.500	500	N	N	N	70	700
B048SS	39 2 17	107 1 25	5.00	1.500	1.50	.500	700	N	N	N	50	1,000
B049SS	39 2 30	107 1 15	3.00	1.000	1.00	.300	500	N	N	N	50	1,000
B050SS	39 2 31	107 1 1	3.00	1.000	.20	.300	500	N	N	N	30	500
B051SS	39 2 22	107 0 49	5.00	1.000	.50	.700	700	N	N	N	70	1,500
B052SS	39 2 20	107 0 52	5.00	.700	.30	.500	700	N	N	N	50	1,000
B053SS	39 2 27	107 0 52	3.00	1.000	.70	.300	500	N	N	N	20	1,000
B054S	39 3 13	107 1 10	5.00	2.000	3.00	.300	500	N	N	N	30	700
B055SS	39 3 39	107 0 38	3.00	1.000	1.00	.300	500	N	N	N	30	700
B056SS	39 3 38	107 0 25	3.00	1.000	.50	.300	500	N	N	N	50	700
B057SS	39 4 5	107 0 41	2.00	.500	.20	.300	300	N	N	N	20	700
B058SS	39 4 8	107 0 40	5.00	3.000	.70	.500	300	N	N	N	15	1,000
B059SS	39 4 8	107 0 44	3.00	.700	.50	.300	500	N	N	N	10	500
B060SS	39 4 55	107 1 23	2.00	1.000	.30	.300	300	N	N	N	20	500
B061SS	39 5 17	107 3 8	3.00	1.000	.30	.500	1,000	N	N	N	70	700
B062SS	39 5 12	107 3 14	2.00	.700	.30	.300	500	N	N	N	50	500
B063SS	39 4 45	107 2 33	1.50	.700	1.50	.200	700	N	N	N	30	700
B064SS	39 4 41	107 2 28	1.50	1.000	2.00	.200	700	N	N	N	50	500
B065SS	39 4 13	107 2 27	2.00	1.000	3.00	.300	700	N	N	N	100	1,500
B066SS	39 4 1	107 2 26	3.00	.700	.20	.300	500	N	N	N	30	500
B067SS	39 3 39	107 2 21	1.50	1.000	3.00	.200	500	N	N	N	50	700
B068SS	39 3 42	107 2 21	2.00	.700	1.50	.500	700	N	N	N	50	1,500
B069SS	39 3 41	107 2 17	2.00	.500	1.00	.300	700	N	N	N	70	1,500
B070SS	39 2 25	107 2 7	2.00	.700	.70	.300	500	N	N	N	50	500
B071S	39 2 3	107 2 22	3.00	.500	.20	.300	500	N	N	N	70	500
B072S	39 1 52	107 2 34	5.00	1.500	.15	.500	500	N	N	N	100	700
B073R	39 6 7	107 2 45	1.50	5.000	7.00	.200	700	N	N	N	20	500
B074R	39 6 16	107 2 53	.07	.200	15.00	.010	30	N	N	N	<10	N
B075R	39 6 22	107 2 52	.70	5.000	>20.00	.100	1,000	N	N	N	10	20
B076R	39 6 24	107 2 53	1.50	.700	>20.00	.100	1,000	N	N	N	500	700
B077R	39 6 25	107 3 6	5.00	7.000	>20.00	.300	1,000	N	N	N	<10	150
B078R	39 6 19	107 3 5	5.00	1.500	2.00	.150	1,000	N	N	N	<10	700
B079R	39 6 19	107 3 5	3.00	1.000	2.00	.200	700	N	N	N	<10	1,000
B080SS	39 5 54	107 3 38	3.00	1.000	.70	.300	700	N	N	N	70	700
B081SS	39 5 45	106 56 54	3.00	1.500	.50	.500	500	N	N	N	30	500
B082SS	39 5 50	106 56 50	2.00	1.500	1.00	.500	500	N	N	N	50	500
B083SS	39 5 56	106 56 44	2.00	.700	.30	.500	500	N	N	N	20	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
B039R	3.0	N	N	N	N	<5	<20	N	N	5	30	N
B040S	1.5	N	N	<5	30	20	20	N	N	10	15	N
B041S	1.5	N	N	<5	70	20	20	N	N	10	20	N
B042S	1.0	N	N	<5	50	30	20	5	N	30	30	N
B043S	1.0	N	N	5	50	20	20	N	N	15	20	N
B044SS	3.0	N	N	7	150	50	20	10	N	50	30	N
B045SS	3.0	N	N	7	150	50	30	10	N	70	30	N
B046SS	2.0	N	N	<5	70	20	30	N	N	15	15	N
B047SS	3.0	N	N	5	100	30	30	5	N	30	20	N
B048SS	2.0	N	N	<5	70	20	20	N	N	15	15	N
B049SS	3.0	N	N	<5	70	20	30	N	N	15	15	N
B050SS	1.5	N	N	5	70	20	N	N	N	15	15	N
B051SS	3.0	N	N	7	70	30	70	N	N	20	20	N
B052SS	3.0	N	N	7	70	30	30	N	N	20	20	N
B053SS	2.0	N	N	5	50	30	20	N	N	15	20	N
B054S	2.0	N	N	5	70	15	30	N	N	20	15	N
B055SS	3.0	N	N	5	50	10	20	N	N	15	15	N
B056SS	2.0	N	N	5	100	10	20	N	N	15	10	N
B057SS	2.0	N	N	5	50	15	20	N	N	15	10	N
B058SS	<1.0	N	N	5	20	<5	<20	N	N	15	10	N
B059SS	2.0	N	N	<5	15	5	N	N	N	10	15	N
B060SS	1.5	N	N	<5	50	5	N	N	N	15	10	N
B061SS	1.0	N	N	5	30	20	<20	N	N	15	15	N
B062SS	1.0	N	N	5	30	15	20	N	N	10	10	N
B063SS	1.0	N	N	<5	15	15	30	N	N	10	10	N
B064SS	2.0	N	N	7	30	30	30	N	N	15	15	N
B065SS	1.5	N	N	<5	20	20	20	N	N	15	10	N
B066SS	1.5	N	N	5	30	20	20	N	N	15	15	N
B067SS	2.0	N	N	<5	70	50	20	N	N	20	15	N
B068SS	1.5	N	N	5	50	30	50	N	N	15	15	N
B069SS	1.5	N	N	5	30	20	50	N	N	15	15	N
B070SS	2.0	N	N	<5	70	20	30	N	N	20	20	N
B071S	2.0	N	N	<5	70	30	20	N	N	15	20	N
B072S	2.0	N	N	7	100	50	50	15	N	30	30	N
B073R	1.5	N	N	<5	70	10	<20	5	N	15	50	N
B074R	N	N	N	N	<10	<5	N	20	N	<5	N	N
B075R	N	N	N	N	50	7	N	30	N	10	N	N
B076R	N	N	N	N	50	10	<20	30	N	10	15	N
B077R	2.0	N	N	7	70	<5	20	10	N	20	N	N
B078R	<1.0	N	N	<5	N	<5	N	N	N	<5	10	N
B079R	2.0	N	N	<5	N	10	30	N	N	<5	10	N
B080SS	3.0	N	N	5	70	30	30	N	N	15	20	N
B081SS	3.0	N	N	7	70	30	50	N	N	20	15	N
B082SS	3.0	N	N	5	70	20	50	N	N	30	15	N
B083SS	2.0	N	N	5	50	15	30	N	N	15	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
B039R	N	N	150	10	N	10	N	70	<.05	<.02
B040S	7	N	N	70	N	15	N	200	<.05	.12
B041S	7	N	<100	150	N	10	N	200	<.05	N
B042S	7	N	<100	100	N	10	N	200	<.10	.06
B043S	10	N	100	100	N	15	N	300	<.05	<.02
B044SS	15	N	100	200	N	20	N	200	<.05	.02
B045SS	15	N	150	300	N	50	<200	300	<.05	.02
B046SS	7	N	N	70	N	30	N	500	<.05	N
B047SS	15	N	100	150	N	30	N	500	<.05	N
B048SS	10	N	<100	100	N	30	N	1,000	<.05	N
B049SS	7	N	N	70	N	20	N	1,000	<.05	N
B050SS	7	N	<100	100	N	10	N	300	<.05	N
B051SS	15	N	100	150	N	70	N	>1,000	<.05	<.02
B052SS	15	N	N	150	N	30	N	1,000	<.05	N
B053SS	7	N	150	70	N	20	N	300	<.05	.08
B054S	10	N	100	100	N	20	N	300	<.05	.02
B055SS	10	N	<100	70	N	30	N	500	<.05	N
B056SS	7	N	N	100	N	10	N	300	<.05	N
B057SS	10	N	N	100	N	20	N	500	<.05	<.02
B058SS	5	N	<100	70	N	10	N	500	<.05	N
B059SS	N	N	N	50	N	10	N	500	<.05	N
B060SS	<5	N	<100	30	N	10	N	700	<.05	N
B061SS	<5	N	100	50	N	10	N	700	<.05	<.02
B062SS	<5	N	N	70	N	15	N	1,000	<.05	N
B063SS	5	N	100	30	N	15	N	300	<.05	N
B064SS	7	N	N	50	N	15	N	300	<.05	N
B065SS	<5	N	<100	30	N	15	N	1,000	<.05	N
B066SS	10	N	<100	100	N	20	N	300	<.05	N
B067SS	7	N	<100	70	N	20	N	300	<.05	N
B068SS	15	N	100	100	N	30	N	700	<.05	N
B069SS	10	N	100	70	N	30	N	500	<.05	<.02
B070SS	15	N	<100	50	N	30	N	300	<.05	N
B071S	10	N	100	150	N	15	N	200	<.05	.04
B072S	10	N	100	300	N	20	300	200	<.05	.02
B073R	7	N	100	70	N	20	N	150	<.05	<.02
B074R	N	N	1,000	<10	N	N	N	<10	<.05	.04
B075R	N	N	200	30	N	10	N	30	<.05	.04
B076R	5	N	100	30	N	10	N	50	<.05	.04
B077R	10	N	100	100	N	20	N	200	<.05	.02
B078R	7	N	700	70	N	10	N	50	<.05	.02
B079R	10	N	200	70	N	20	N	150	<.05	.06
B080SS	15	N	300	70	N	30	N	300	.05	N
B081SS	15	N	100	100	N	30	N	700	<.05	N
B082SS	15	N	200	70	N	30	N	500	.05	.02
B083SS	10	N	100	70	N	20	N	700	<.05	.02

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
B084SS	39 7 0	106 54 40	1.50	.700	.30	.300	300	N	N	N	50	500
B085SS	39 7 14	106 54 32	1.50	.700	.30	.200	150	N	N	N	15	300
B086SS	39 8 14	106 53 59	2.00	.700	.20	.300	300	N	N	N	20	300
B087SS	39 10 1	106 52 45	1.50	.500	1.00	.300	300	N	N	N	30	500
B088SS	39 2 28	106 59 0	2.00	.500	.15	.200	300	N	N	N	20	500
B089SS	39 2 30	106 59 1	2.00	1.000	1.00	.300	300	N	N	N	30	500
B090SS	39 2 25	106 58 52	5.00	1.000	.50	.500	700	N	N	N	10	500
B091SS	39 2 51	106 58 49	3.00	1.000	.50	.300	300	N	N	N	20	1,000
B092SS	39 3 2	106 58 35	5.00	1.500	.30	.300	300	N	N	N	20	500
B093SS	39 3 1	106 58 44	2.00	1.000	.20	.300	300	N	N	N	30	500
B094SS	39 3 19	106 58 38	3.00	1.000	.70	.300	300	N	N	N	20	500
B095SS	39 3 17	106 58 34	7.00	1.500	.50	.500	700	N	N	N	20	700
B096SS	39 4 3	106 58 7	5.00	1.500	.70	.300	700	N	N	N	20	500
B097PC	39 4 44	106 58 10	7.00	1.500	3.00	.300	1,000	N	N	N	<10	500
B098SS	39 4 47	106 58 8	5.00	2.000	1.50	.500	500	N	N	N	20	700
B099SS	39 5 9	106 58 8	5.00	2.000	2.00	.500	700	N	N	N	15	700
B1R	39 15 39	107 9 47	>20.00	3.000	2.00	.150	300	N	N	N	N	150
B100SS	39 8 14	106 58 53	5.00	.700	.20	.500	300	N	N	N	15	700
B101SS	39 8 12	106 58 52	5.00	.300	.15	.500	300	N	N	N	30	500
B102SS	39 8 31	106 58 53	3.00	.500	.15	.300	500	N	N	N	20	500
B103SS	39 9 5	106 58 43	2.00	.500	.50	.300	500	N	N	N	30	300
B104SS	39 9 1	106 58 48	5.00	.500	.20	.500	300	N	N	N	30	500
B105SS	39 9 27	106 58 47	2.00	.300	.15	.300	300	N	N	N	30	500
B106SS	39 10 35	106 58 53	2.00	.500	.30	.300	300	N	N	N	30	700
B107PC	39 12 5	106 59 22	5.00	1.000	3.00	.300	300	N	N	N	50	1,000
B108SS	39 12 5	106 59 22	2.00	.700	1.00	.300	500	N	N	N	30	700
B109SS	39 1 20	106 56 1	3.00	1.500	.70	.300	500	N	N	N	20	700
B110SS	39 1 20	106 55 57	3.00	2.000	1.00	.500	500	N	N	N	20	700
B111SS	39 2 15	106 55 55	5.00	2.000	5.00	.500	700	N	N	N	<10	1,000
B112SS	39 2 23	106 56 2	5.00	1.500	1.00	.300	500	N	N	N	<10	700
B113SS	39 2 24	106 56 7	3.00	1.500	.30	.500	200	N	N	N	10	300
B114SS	39 3 3	106 55 57	5.00	2.000	.50	.300	700	N	N	N	10	500
B115SS	39 3 31	106 55 41	2.00	1.000	1.00	.150	500	N	N	N	<10	200
B116SS	39 3 12	106 55 54	2.00	1.000	.70	.150	300	N	N	N	<10	200
B117SS	39 3 20	106 55 54	3.00	1.000	1.00	.150	700	N	N	N	<10	700
B118SS	39 4 36	106 55 23	2.00	.700	.70	.150	300	N	N	N	<10	150
B119SS	39 5 28	106 55 6	2.00	.700	.50	.100	300	N	N	N	<10	150
B120SS	39 5 25	106 55 1	1.00	.300	5.00	.070	1,500	1.5	N	N	<10	150
B121SS	39 6 22	106 55 1	1.50	.300	.20	.150	300	N	N	N	10	150
B122PC	39 6 22	106 55 1	5.00	2.000	2.00	.300	300	N	N	N	30	1,000
B123PC	39 6 25	106 54 51	5.00	2.000	5.00	.300	500	N	N	N	<10	1,000
B124SS	39 6 25	106 54 51	1.50	.500	2.00	.200	300	N	N	N	<10	150
B125SS	39 6 45	106 54 29	2.00	.300	.20	.200	300	N	N	N	<10	200
B126PC	39 2 35	106 55 57	5.00	1.500	1.00	.300	300	N	N	N	<10	700
B127S	39 7 8	106 54 18	2.00	.700	1.00	.300	1,000	N	N	N	20	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
B084SS	1.5	N	N	5	50	15	30	N	N	15	15	N
B085SS	2.0	N	N	<5	50	15	20	N	N	15	10	N
B086SS	2.0	N	N	<5	70	15	20	N	N	15	10	N
B087SS	1.5	N	N	<5	50	15	20	N	N	15	10	N
B088SS	1.5	N	N	<5	50	5	<20	N	N	15	15	N
B089SS	2.0	N	N	5	50	<5	20	N	N	15	10	N
B090SS	2.0	N	N	<5	70	15	30	N	N	20	15	N
B091SS	1.5	N	N	5	70	10	50	N	N	15	15	N
B092SS	2.0	N	N	7	100	10	30	N	N	30	15	N
B093SS	2.0	N	N	5	70	15	70	N	N	20	15	N
B094SS	2.0	N	N	<5	70	7	50	N	N	15	10	N
B095SS	2.0	N	N	<5	150	7	20	N	N	50	10	N
B096SS	3.0	N	N	7	100	15	50	N	N	30	20	N
B097PC	1.0	N	N	5	50	10	30	N	N	10	N	N
B098SS	2.0	N	N	7	150	15	70	N	N	30	10	N
B099SS	3.0	N	N	7	70	200	50	5	N	30	15	N
B1R	2.0	N	N	20	30	300	<20	N	N	N	15	N
B100SS	3.0	N	N	5	70	15	20	N	N	15	30	N
B101SS	2.0	N	N	<5	70	7	30	N	N	10	10	N
B102SS	2.0	N	N	<5	150	7	20	N	N	15	10	N
B103SS	1.5	N	N	<5	70	15	<20	N	N	15	15	N
B104SS	2.0	N	N	7	150	15	50	N	N	15	15	N
B105SS	1.0	N	N	N	100	15	30	N	N	10	10	N
B106SS	2.0	N	N	N	70	15	70	N	N	15	10	N
B107PC	2.0	N	N	5	70	15	50	5	N	20	20	N
B108SS	1.5	N	N	5	100	15	20	N	N	20	10	N
B109SS	2.0	N	N	<5	70	100	30	5	N	20	10	N
B110SS	2.0	N	N	7	70	20	50	N	N	20	10	N
B111SS	2.0	N	N	10	100	50	200	N	N	30	10	N
B112SS	2.0	N	N	5	70	20	50	N	N	15	10	N
B113SS	2.0	N	N	7	70	10	50	N	N	20	10	N
B114SS	2.0	N	N	10	100	30	50	N	N	30	10	N
B115SS	1.5	N	N	5	20	70	20	50	N	10	N	N
B116SS	2.0	N	N	7	20	50	20	N	N	10	10	N
B117SS	2.0	N	N	7	30	100	<20	N	N	20	15	N
B118SS	1.5	N	N	<5	30	30	20	10	N	5	<10	N
B119SS	1.5	N	N	5	30	50	20	5	N	10	10	N
B120SS	1.0	N	<20	N	10	70	<20	5	N	<5	200	N
B121SS	1.5	N	N	<5	15	7	N	N	N	7	10	N
B122PC	3.0	N	N	7	100	7	50	5	N	30	20	N
B123PC	2.0	N	N	5	70	20	20	7	N	20	<10	N
B124SS	1.5	N	N	<5	20	20	20	N	N	5	15	N
B125SS	1.0	N	N	<5	30	15	20	N	N	10	10	N
B126PC	<1.0	N	N	5	50	7	20	N	N	10	N	N
B127S	2.0	N	N	5	70	50	30	N	N	15	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
B084SS	7	N	100	50	N	20	N	500	<.10	.12
B085SS	7	N	100	50	N	20	N	500	<.05	N
B086SS	15	N	100	50	N	20	N	500	<.05	.08
B087SS	10	N	<100	30	N	20	N	700	<.05	N
B088SS	7	N	<100	50	N	10	N	300	<.05	N
B089SS	10	N	<100	50	N	20	N	500	<.05	N
B090SS	15	N	<100	150	N	30	N	500	<.05	<.02
B091SS	10	N	<100	100	N	20	N	700	<.05	N
B092SS	15	N	150	100	N	20	N	200	<.05	N
B093SS	15	N	100	100	N	30	N	500	<.10	N
B094SS	15	N	150	70	N	30	N	700	<.05	N
B095SS	10	N	<100	100	N	20	N	>1,000	<.05	N
B096SS	15	N	100	100	N	30	N	300	<.05	.04
B097PC	10	N	150	150	N	20	N	200	<.05	N
B098SS	15	N	100	150	N	30	N	500	<.05	<.02
B099SS	15	N	150	100	N	50	N	500	<.05	.04
B1R	5	N	150	100	N	10	N	100	<.05	<.02
B100SS	10	N	100	150	N	20	N	500	<.05	N
B101SS	10	N	100	70	N	10	N	700	<.05	N
B102SS	5	N	N	70	N	10	N	1,000	<.05	N
B103SS	5	N	100	50	N	10	N	300	<.05	N
B104SS	15	N	100	100	N	30	N	700	<.05	N
B105SS	5	N	100	50	N	10	N	500	<.05	N
B106SS	5	N	N	50	N	20	N	500	<.05	N
B107PC	15	N	150	150	N	20	N	500	<.05	N
B108SS	10	N	<100	70	N	20	N	1,000	<.05	N
B109SS	10	N	100	100	N	30	N	300	<.05	<.02
B110SS	15	N	100	100	N	30	N	200	<.05	N
B111SS	20	N	150	200	N	70	N	300	<.20	N
B112SS	10	N	100	100	N	30	N	150	<.05	<.02
B113SS	15	N	100	150	N	30	N	300	<.05	N
B114SS	20	N	100	150	N	50	N	200	<.05	.02
B115SS	7	N	100	70	100	20	N	70	<.20	.02
B116SS	7	N	150	70	N	15	N	150	<.05	N
B117SS	10	N	100	70	N	20	N	150	<.10	.04
B118SS	5	N	150	50	N	10	1,500	150	<.05	<.02
B119SS	5	N	150	30	N	10	N	150	<.05	<.02
B120SS	N	N	300	<10	N	20	N	70	<.05	<.02
B121SS	<5	N	N	30	N	10	N	200	<.05	N
B122PC	15	N	150	150	N	30	N	300	<.05	N
B123PC	10	N	200	150	N	20	N	150	<.05	N
B124SS	5	N	100	30	N	20	N	300	<.05	<.02
B125SS	7	N	N	50	N	10	N	150	<.10	N
B126PC	7	N	150	150	N	15	N	200	<.05	N
B127S	10	N	150	70	N	20	N	300	<.05	.20

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
B128SS	39 6 39	107 4 45	1.50	.500	.50	.200	300	N	N	N	<10	150
B129SS	39 6 55	107 4 45	1.50	.300	.50	.300	500	N	N	N	<10	200
B130SS	39 6 57	107 4 41	3.00	1.000	1.50	.300	700	N	N	N	<10	300
B131SS	39 6 14	107 4 44	5.00	2.000	2.00	.200	500	N	N	N	15	200
B132SS	39 6 16	107 4 43	3.00	1.000	1.50	.300	700	N	N	N	10	300
B133PC	39 6 0	107 4 31	2.00	.500	2.00	.150	300	N	N	N	<10	500
B134SS	39 5 23	106 58 36	1.00	.700	1.00	.100	500	N	N	N	<10	700
B135R	39 5 27	106 58 38	1.00	.500	3.00	.150	300	N	N	N	<10	500
B136R	39 5 36	106 58 41	1.00	.700	1.00	.070	300	N	N	N	<10	200
B137R	39 5 43	106 58 54	1.50	1.500	1.00	.200	200	N	N	N	<10	700
B138R	39 5 46	106 58 46	2.00	2.000	.70	.300	200	N	N	N	10	300
B139R	39 5 40	106 58 24	1.50	2.000	3.00	.300	500	N	N	N	<10	500
B140R	39 5 41	106 58 10	2.00	.700	1.50	.150	500	N	N	N	<10	700
B141R	39 0 8	106 58 59	.70	.700	5.00	.050	500	N	N	N	<10	150
B142SS	39 0 30	106 59 11	3.00	1.500	1.00	.200	700	N	N	N	10	200
B143SS	39 0 34	106 59 11	2.00	.500	.70	.200	500	N	N	N	20	300
B144R	39 0 55	106 59 6	.50	2.000	15.00	.070	700	N	N	N	<10	150
B145SS	39 1 17	106 58 51	2.00	.500	.50	.300	500	N	N	N	20	300
B146R	39 3 39	106 59 23	2.00	2.000	10.00	.200	1,000	N	N	N	<10	300
B147R	39 3 23	106 59 21	2.00	2.000	7.00	.150	700	N	N	N	<10	500
B148R	39 3 6	106 59 20	.70	.700	10.00	.070	700	N	N	N	<10	300
B149R	39 3 5	106 59 25	3.00	3.000	3.00	.300	500	N	N	N	<10	700
B150R	39 2 58	106 59 44	2.00	2.000	5.00	.200	500	N	N	N	<10	500
B151R	39 1 47	106 57 52	2.00	1.500	5.00	.150	500	N	N	N	<10	700
B152R	39 1 51	106 58 1	2.00	1.000	5.00	.150	500	N	N	N	<10	500
B153R	39 2 9	106 58 1	2.00	2.000	5.00	.200	700	N	N	N	<10	700
B154R	39 2 26	106 57 53	2.00	3.000	5.00	.150	700	N	N	N	<10	300
B155R	39 2 22	106 58 3	1.50	2.000	5.00	.150	700	N	N	N	<10	200
B156R	39 2 16	106 58 1	3.00	2.000	2.00	.200	500	N	N	N	<10	700
B157R	39 0 43	106 55 57	1.50	7.000	>20.00	.050	1,500	N	N	N	<10	N
B158R	39 0 34	106 55 45	2.00	7.000	5.00	.300	500	N	N	N	20	700
B159R	39 0 29	106 55 37	.30	.700	.20	.200	500	N	N	N	<10	150
B160R	39 0 45	106 55 2	3.00	5.000	3.00	.300	500	N	N	N	<10	200
B161R	39 1 7	106 55 16	2.00	3.000	5.00	.300	300	N	N	N	<10	100
B162R	39 1 23	106 55 28	3.00	1.500	1.50	.300	150	N	N	N	<10	500
B163R	39 1 23	106 55 28	15.00	2.000	1.50	.100	>5,000	N	N	N	15	>5,000
B164R	39 1 29	106 55 10	2.00	2.000	3.00	.200	300	N	N	N	10	300
B165R	39 1 57	106 55 39	2.00	1.500	7.00	.300	500	N	N	N	<10	700
B166R	39 3 30	106 54 34	1.50	.700	1.00	.200	200	N	N	N	<10	300
B167R	39 3 36	106 54 41	2.00	2.000	1.50	.300	300	N	N	N	<10	500
B168R	39 3 41	106 54 45	2.00	.100	<.05	.070	15	N	N	N	<10	300
B169R	39 3 44	106 54 59	15.00	.200	1.00	.070	1,000	N	N	N	10	150
B170R	39 3 41	106 55 5	10.00	2.000	2.00	.200	2,000	N	N	N	<10	<20
B171R	39 3 54	106 55 24	3.00	3.000	15.00	.200	700	N	N	N	<10	300
B172R	39 3 29	106 55 33	7.00	1.500	1.00	.200	5,000	N	N	N	<10	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
B128SS	1.5	N	N	<5	30	15	20	N	N	7	10	N
B129SS	1.5	N	N	5	10	15	20	N	N	5	10	N
B130SS	1.5	N	N	7	<10	10	30	N	N	7	15	N
B131SS	1.5	N	N	7	30	50	70	N	N	7	15	N
B132SS	1.5	N	N	7	20	10	50	N	N	7	10	N
B133PC	N	N	N	<5	15	7	20	N	N	10	10	N
B134SS	1.0	N	N	<5	N	30	N	N	N	<5	10	N
B135R	N	N	N	N	30	50	<20	N	N	5	N	N
B136R	1.0	N	N	N	30	20	N	N	N	5	N	N
B137R	3.0	N	N	5	70	50	30	N	N	30	10	N
B138R	2.0	N	N	5	100	N	50	N	N	20	<10	N
B139R	2.0	N	N	7	70	15	50	N	N	15	N	N
B140R	1.5	N	N	5	10	7	N	N	N	<5	10	N
B141R	N	N	N	N	10	<5	N	5	N	<5	N	N
B142SS	1.5	N	N	7	30	15	20	N	N	10	15	N
B143SS	2.0	N	N	7	30	15	20	N	N	7	20	N
B144R	N	N	N	N	30	5	20	15	N	<5	N	N
B145SS	2.0	N	N	7	30	30	30	N	N	15	15	N
B146R	1.5	N	N	7	70	N	30	7	N	15	<10	N
B147R	2.0	N	N	5	70	N	N	5	N	10	N	N
B148R	N	N	N	N	20	<5	20	5	N	<5	<10	N
B149R	1.0	N	N	5	10	<5	30	N	N	<5	N	N
B150R	1.5	N	N	5	50	<5	30	N	N	15	N	N
B151R	1.0	N	N	N	30	<5	N	N	N	5	N	N
B152R	1.0	N	N	N	70	<5	N	N	N	10	N	N
B153R	<1.0	N	N	N	20	<5	<20	N	N	5	<10	N
B154R	2.0	N	N	N	50	<5	20	N	N	10	<10	N
B155R	1.0	N	N	N	50	<5	30	N	N	10	<10	N
B156R	N	N	N	7	15	5	70	N	N	15	N	N
B157R	N	N	N	N	10	<5	N	15	N	<5	N	N
B158R	1.5	N	N	7	50	50	30	N	N	20	50	N
B159R	1.0	N	N	<5	15	<5	N	N	N	5	N	N
B160R	1.5	N	N	7	70	<5	20	N	N	20	N	N
B161R	1.5	N	N	N	70	<5	30	N	N	20	N	N
B162R	1.5	N	N	N	N	<5	50	N	N	<5	N	N
B163R	N	N	N	70	10	50	70	N	N	30	N	N
B164R	1.5	N	N	5	70	<5	20	N	N	20	N	N
B165R	1.5	N	N	5	70	10	N	N	N	10	N	N
B166R	1.0	N	N	5	50	10	20	N	N	10	10	N
B167R	3.0	N	N	7	70	10	50	5	N	15	10	N
B168R	<1.0	N	N	<5	20	10	N	20	N	5	<10	N
B169R	N	N	N	N	50	100	20	30	N	5	N	N
B170R	1.5	N	N	<5	50	20	N	10	N	15	N	N
B171R	2.0	N	N	5	70	N	30	700	N	15	N	N
B172R	3.0	N	N	70	30	2,000	30	50	N	50	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
B128SS	7	N	150	30	N	10	N	200	<.05	.02
B129SS	10	N	300	30	N	20	N	200	<.05	<.02
B130SS	15	N	500	100	N	20	N	50	<.20	.02
B131SS	10	N	200	50	N	20	N	200	<.05	N
B132SS	15	N	300	70	N	30	N	300	<.05	.02
B133PC	<5	N	150	30	N	20	N	300	<.05	N
B134SS	5	N	700	50	N	N	N	100	<.05	<.02
B135R	5	N	100	30	N	10	N	150	<.05	.04
B136R	5	N	100	50	N	10	N	100	<.05	<.02
B137R	10	N	200	100	N	30	N	70	<.05	.02
B138R	15	N	<100	100	N	20	N	100	<.05	<.02
B139R	10	N	100	100	N	20	N	150	<.05	.04
B140R	5	N	500	50	N	N	N	100	<.05	.04
B141R	<5	N	<100	20	N	10	N	150	<.05	<.02
B142SS	10	N	<100	50	N	20	N	200	<.20	<.02
B143SS	10	N	<100	50	N	30	N	200	<.20	.08
B144R	5	N	200	20	N	15	N	70	<.05	.16
B145SS	10	N	<100	70	N	20	N	150	<.05	.02
B146R	10	N	150	50	N	30	N	100	<.05	<.02
B147R	7	N	100	30	N	15	N	50	<.05	<.02
B148R	5	N	<100	20	N	20	N	70	<.05	.04
B149R	15	N	200	150	N	15	N	70	<.05	.04
B150R	10	N	<100	70	N	20	N	100	<.05	.04
B151R	7	N	100	50	N	20	N	150	<.05	<.02
B152R	7	N	100	50	N	15	N	70	.05	.04
B153R	10	N	<100	50	N	20	N	100	<.05	.02
B154R	15	N	100	50	N	30	N	70	<.05	<.02
B155R	10	N	100	50	N	20	N	200	<.05	.02
B156R	15	N	300	150	N	10	N	50	<.05	<.02
B157R	N	N	200	10	N	10	N	N	<.05	.04
B158R	15	N	100	70	N	20	N	150	<.05	<.02
B159R	5	N	<100	30	N	<10	N	100	<.05	.02
B160R	10	N	N	100	N	20	N	150	<.05	.02
B161R	10	N	100	70	N	20	N	150	<.05	.02
B162R	10	N	200	30	N	20	N	150	<.05	.02
B163R	10	N	3,000	50	N	70	N	70	<.05	.06
B164R	10	N	100	30	N	20	N	150	<.05	.02
B165R	10	N	<100	100	N	30	N	150	<.05	<.02
B166R	10	N	100	70	N	20	N	150	<.05	.02
B167R	10	N	150	70	N	20	N	200	<.05	.02
B168R	N	N	<100	30	N	N	N	50	<.05	.02
B169R	7	N	100	50	N	20	N	50	<.05	<.02
B170R	10	N	<100	30	N	20	N	150	<.05	<.02
B171R	15	N	200	70	N	20	N	100	<.05	.04
B172R	10	N	100	50	N	50	N	200	<.05	.02

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
B173R	39 3 23	106 55 36	1.50	.500	1.00	.070	300	N	N	N	<10	300
B174R	39 3 0	106 55 32	3.00	1.000	1.00	.300	700	N	N	N	<10	700
B175R	39 3 1	106 55 40	3.00	1.000	1.00	.200	100	N	N	N	<10	1,000
B176R	39 2 48	106 55 42	2.00	.700	1.50	.200	700	N	N	N	<10	1,500
B177R	39 4 12	106 53 56	3.00	3.000	5.00	.300	700	N	N	N	<10	500
B178R	39 4 36	106 53 48	5.00	5.000	5.00	.200	500	N	N	N	<10	700
B179R	39 4 51	106 53 38	1.00	1.000	5.00	.150	500	N	N	N	<10	700
B180R	39 5 4	106 53 29	.30	.050	.15	.030	700	N	N	N	<10	20
B181R	39 5 25	106 53 26	1.50	2.000	5.00	.200	1,000	N	N	N	<10	300
B182R	39 5 45	106 53 24	2.00	.500	3.00	.300	500	N	N	N	15	500
B183R	39 6 0	106 53 31	1.50	.700	.50	.200	300	N	N	N	<10	1,000
B184R	39 6 17	106 53 12	3.00	.500	.10	.200	70	N	N	N	<10	700
B185R	39 6 38	106 53 1	5.00	2.000	.70	.300	500	N	N	N	10	700
B186R	39 7 13	106 52 59	.70	.200	1.50	.200	700	N	N	N	10	200
B187PC	39 4 39	107 8 42	3.00	.500	.30	.200	300	N	N	N	50	500
B188PC	39 5 5	107 11 7	3.00	.200	.70	.500	700	N	N	N	<10	500
B189PC	39 10 1	106 52 44	2.00	.500	1.00	.300	200	N	N	N	50	1,500
B190SS	39 6 58	107 6 8	2.00	.300	.50	.200	700	N	N	N	<10	300
B191SS	39 7 16	107 6 35	1.00	.200	.30	.200	200	N	N	N	<10	200
B192SS	39 7 17	107 6 39	1.50	.300	.30	.200	200	N	N	N	<10	300
B193R	39 7 2	107 6 43	2.00	.700	1.00	.100	200	N	N	N	<10	1,500
B194R	39 7 27	107 7 7	3.00	.500	1.00	.150	300	N	N	N	<10	1,500
B195R	39 7 38	107 7 16	3.00	.700	1.00	.150	300	N	N	N	<10	1,500
B196R	39 7 56	107 7 28	2.00	.700	.70	.100	150	N	N	N	<10	1,500
B198R	39 7 3	107 8 51	1.00	7.000	10.00	.100	2,000	N	N	N	200	500
B199R	39 7 49	107 8 54	3.00	1.500	1.00	.300	700	N	N	N	15	1,500
B2R	39 15 25	107 9 13	3.00	.300	.30	.200	150	N	N	N	N	150
B200SS	39 7 44	107 8 24	5.00	.500	1.00	.200	700	N	N	N	<10	300
B201SS	39 7 39	107 8 9	2.00	.200	.30	.200	300	N	N	N	<10	300
B202SS	39 8 10	107 9 40	2.00	.300	.70	.200	300	N	N	N	<10	300
B203R	39 8 37	107 9 39	2.00	.700	.70	.200	500	N	N	N	10	200
B204SS	39 9 3	107 9 32	3.00	.700	1.00	.150	300	N	N	N	<10	300
B205SS	39 9 24	107 9 18	3.00	.700	1.00	.200	500	N	N	N	15	500
B206SS	39 9 22	107 9 16	3.00	.700	.70	.200	500	N	N	N	10	300
B207R	39 6 37	107 11 13	5.00	1.000	2.00	.150	1,000	N	N	N	<10	700
B208R	39 6 58	107 11 9	7.00	1.500	3.00	.300	1,000	N	N	N	<10	1,000
B209R	39 7 6	107 11 41	3.00	5.000	20.00	.150	3,000	N	N	N	10	150
B210R	39 7 19	107 12 15	2.00	.300	2.00	.100	1,000	N	N	N	<10	500
B211SS	39 7 0	107 12 27	5.00	.500	.70	.300	500	N	N	N	20	300
B212R	39 9 27	107 10 29	2.00	2.000	5.00	.200	500	N	N	N	<10	500
B213R	39 9 37	107 9 54	1.50	.700	.30	.150	500	N	N	N	10	700
B214R	39 9 57	107 9 31	2.00	.700	.20	.300	1,000	N	N	N	10	700
B215R	39 10 4	107 9 38	.30	.100	>20.00	.030	150	N	N	N	10	N
B216R	39 10 23	107 9 23	2.00	.700	2.00	.150	300	N	N	N	<10	700
B217R	39 11 5	107 10 44	1.50	.500	5.00	.300	700	N	N	N	<10	300

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
B173R	1.5	N	N	<5	N	50	N	N	N	<5	<10	N
B174R	2.0	N	N	5	N	7	20	N	N	5	15	N
B175R	1.0	N	N	7	10	50	20	N	<20	5	20	N
B176R	1.0	N	N	<5	N	<5	30	5	N	<5	15	N
B177R	2.0	N	N	7	100	5	20	N	N	30	10	N
B178R	5.0	N	N	7	100	N	50	N	N	20	N	N
B179R	N	N	N	N	15	<5	N	N	N	<5	N	N
B180R	5.0	N	N	N	N	N	N	N	<20	<5	30	N
B181R	1.5	N	N	<5	70	<5	N	N	N	15	10	N
B182R	2.0	N	N	5	70	5	50	N	N	15	15	N
B183R	1.0	N	N	<5	N	15	20	N	N	<5	15	N
B184R	1.0	N	N	5	50	<5	<20	N	N	15	N	N
B185R	3.0	N	N	7	70	<5	20	N	N	20	20	N
B186R	<1.0	N	N	<5	50	10	20	N	N	10	10	N
B187PC	1.0	N	N	5	70	15	20	N	N	10	10	N
B188PC	N	N	N	5	10	15	20	N	N	10	10	N
B189PC	1.0	N	N	5	70	10	30	N	N	15	15	N
B190SS	<1.0	N	N	5	20	15	20	N	N	<5	10	N
B191SS	1.0	N	N	<5	15	7	<20	N	N	<5	10	N
B192SS	1.0	N	N	N	20	7	50	N	N	<5	10	N
B193R	<1.0	N	N	N	N	<5	20	N	N	<5	<10	N
B194R	1.0	N	N	<5	N	5	30	N	N	<5	10	N
B195R	1.0	N	N	<5	10	<5	30	N	N	<5	10	N
B196R	<1.0	N	N	N	N	5	20	10	N	<5	10	N
B198R	1.5	N	N	5	150	5	20	N	N	10	20	N
B199R	1.0	N	N	5	10	20	70	N	<20	5	15	N
B2R	1.0	N	N	10	20	50	20	N	N	N	10	N
B200SS	<1.0	N	N	7	10	7	20	N	N	5	10	N
B201SS	1.0	N	N	N	<10	5	20	N	N	<5	10	N
B202SS	1.0	N	N	N	N	<5	20	N	N	<5	N	N
B203R	1.0	N	N	N	<10	70	70	N	<20	5	10	N
B204SS	1.0	N	N	<5	15	7	20	N	N	5	10	N
B205SS	1.0	N	N	5	50	7	20	N	N	10	20	N
B206SS	1.0	N	N	<5	20	5	20	N	N	<5	10	N
B207R	<1.0	N	N	<5	N	<5	20	20	N	<5	N	N
B208R	N	N	N	5	N	<5	20	N	N	<5	10	N
B209R	N	N	N	N	30	7	30	5	N	5	<10	N
B210R	1.0	N	N	N	10	N	<20	5	N	5	<10	N
B211SS	2.0	N	N	5	70	10	50	N	N	15	20	N
B212R	1.5	N	N	5	50	<5	20	5	N	10	10	N
B213R	2.0	N	N	7	20	20	50	N	N	15	20	N
B214R	1.0	N	N	10	30	7	50	N	N	15	15	N
B215R	N	N	N	N	N	N	N	30	N	N	N	N
B216R	<1.0	N	N	<5	N	N	20	N	N	<5	N	N
B217R	1.5	N	N	<5	50	15	50	5	N	7	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
B173R	N	N	150	20	N	N	N	20	<.05	<.02
B174R	10	N	300	100	N	15	N	200	<.05	.02
B175R	7	10	500	70	N	10	N	100	<.05	.02
B176R	5	N	700	50	N	10	N	100	<.05	.02
B177R	15	N	200	100	N	20	N	100	<.05	.02
B178R	10	N	150	100	N	20	N	100	<.05	.04
B179R	5	N	150	30	N	10	N	100	<.05	.02
B180R	<5	N	<100	N	N	30	N	50	<.05	.02
B181R	10	N	100	50	N	20	N	150	<.05	.02
B182R	10	N	<100	50	N	20	N	300	<.05	<.02
B183R	N	N	500	30	N	<10	N	100	<.05	<.02
B184R	7	N	<100	30	N	<10	N	150	<.05	<.02
B185R	15	N	100	100	N	20	N	150	<.05	.06
B186R	<5	N	<100	20	N	10	N	500	<.05	.02
B187PC	7	N	100	100	N	15	N	100	<.05	N
B188PC	10	N	200	50	N	15	N	70	<.05	N
B189PC	10	N	<100	70	N	30	N	200	.05	N
B190SS	10	N	200	50	N	15	N	150	.05	N
B191SS	10	N	150	30	N	15	N	150	.05	.04
B192SS	10	N	200	70	N	15	N	150	.10	.02
B193R	5	N	700	30	N	<10	N	70	<.05	N
B194R	10	N	700	70	N	15	N	100	<.05	N
B195R	10	N	700	50	N	15	N	50	<.05	N
B196R	<5	N	500	50	N	10	N	70	<.05	N
B198R	10	N	200	50	N	10	N	70	<.05	N
B199R	10	<10	500	70	N	10	N	200	<.05	<.02
B2R	15	N	100	30	N	<10	<200	150	<.05	N
B200SS	7	N	150	100	N	15	N	100	<.10	N
B201SS	7	N	150	30	N	20	N	150	<.20	<.02
B202SS	<5	N	150	30	N	20	N	70	<.10	N
B203R	7	<10	150	30	N	20	N	300	<.05	<.02
B204SS	5	N	150	50	N	30	N	150	<.05	N
B205SS	7	N	100	50	N	30	N	300	<.05	N
B206SS	7	N	150	50	N	15	N	150	<.05	N
B207R	15	N	500	70	N	20	N	70	<.05	N
B208R	15	N	700	100	N	20	N	100	<.05	N
B209R	20	N	200	30	N	50	N	150	<.05	<.02
B210R	7	N	<100	20	N	15	N	50	<.05	N
B211SS	10	N	100	150	N	20	200	500	<.05	N
B212R	10	N	100	30	N	20	N	150	<.05	N
B213R	5	N	100	30	N	20	N	150	<.05	N
B214R	15	N	100	50	N	30	N	500	<.05	N
B215R	N	N	300	N	N	N	N	N	<.05	N
B216R	10	N	500	30	N	20	N	30	<.05	N
B217R	10	N	<100	30	N	30	N	700	<.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
B218R	39 11 29	107 10 24	1.00	5.000	5.00	.150	300	N	N	N	10	300
B219R	39 4 16	107 3 53	3.00	1.500	7.00	.200	500	N	N	N	50	200
B220R	39 4 13	107 3 47	15.00	5.000	5.00	1.000	2,000	N	N	N	20	1,500
B221R	39 3 50	107 3 38	2.00	.100	7.00	.300	500	N	N	N	<10	700
B222R	39 3 26	107 3 15	.30	>10.000	>20.00	.070	700	N	N	N	200	300
B223R	39 3 2	107 2 59	5.00	3.000	5.00	.500	300	N	N	N	20	1,000
B224R	39 2 33	107 2 27	.30	1.500	>20.00	.003	500	N	N	N	N	500
B225S	39 8 18	106 55 25	5.00	1.000	.50	.500	700	N	N	N	70	700
B226S	39 8 40	106 55 1	5.00	.700	.20	.700	500	N	N	N	70	1,000
B227S	39 9 6	106 54 27	5.00	.700	.20	.500	300	N	N	N	70	1,000
B228S	39 9 38	106 53 49	7.00	.700	.20	.500	300	N	N	N	50	1,000
B229S	39 10 8	106 53 44	3.00	.700	.20	.500	700	N	N	N	50	1,000
B230R	39 8 25	106 55 55	5.00	2.000	.30	.300	150	N	N	N	20	2,000
B231R	39 5 27	106 56 3	2.00	1.000	5.00	.200	1,000	N	N	N	15	1,000
B232R	39 5 27	106 56 3	2.00	1.500	3.00	.500	500	<.5	N	N	<10	2,000
B233R	39 5 3	106 56 24	2.00	2.000	2.00	.500	700	N	N	N	20	1,000
B234R	39 4 43	106 57 45	1.00	.500	.15	.150	30	<.5	<200	N	<10	2,000
B235R	39 4 46	106 57 19	5.00	5.000	15.00	.300	700	N	N	N	<10	2,000
B236R	39 3 19	106 50 23	3.00	5.000	10.00	.500	1,500	N	N	N	<10	30
B237R	39 3 18	106 50 20	.50	1.000	2.00	.500	1,500	N	N	N	<10	30
B238R	39 3 33	106 50 38	.70	1.000	.70	.700	150	N	N	N	<10	500
B239R	39 3 33	106 50 38	10.00	5.000	10.00	.200	200	N	N	N	<10	20
B240R	39 2 22	107 1 54	3.00	5.000	10.00	.300	500	N	N	N	70	500
B241R	39 2 20	107 1 37	2.00	1.000	7.00	.300	700	N	N	N	70	500
B242R	39 2 16	107 1 50	1.50	7.000	10.00	.200	1,500	<.5	N	N	50	300
B243R	39 2 14	107 1 52	1.50	.300	.10	.150	150	N	N	N	50	70
B244R	39 2 10	107 1 55	.50	.100	.05	.050	30	<.5	N	N	30	50
B245R	39 2 4	107 1 54	2.00	.200	.10	.300	300	N	N	N	100	70
B246R	39 2 2	107 1 57	1.00	1.000	>20.00	.100	1,000	N	N	N	20	200
B247R	39 2 1	107 2 9	1.50	2.000	>20.00	.150	500	<.5	N	N	70	500
B248R	39 2 1	107 2 15	5.00	.700	1.50	.500	1,000	N	N	N	15	2,000
B249R	39 0 27	106 56 25	15.00	1.000	.50	.150	1,000	10.0	N	N	<10	3,000
B250R	39 0 37	106 56 33	2.00	1.500	.15	.300	300	<.5	N	N	30	100
B251R	39 0 47	106 56 44	5.00	2.000	3.00	.300	200	N	N	N	<10	2,000
B252R	39 0 41	106 56 58	7.00	2.000	5.00	.500	1,500	N	N	N	<10	2,000
B253R	39 0 42	106 56 55	>20.00	2.000	3.00	.200	300	N	N	N	<10	100
B254R	39 0 40	106 57 14	10.00	2.000	5.00	.500	300	N	N	N	<10	700
B255R	39 0 37	106 56 59	20.00	3.000	10.00	.200	500	<.5	N	N	10	20
B256R	39 0 32	106 57 31	7.00	1.500	2.00	.500	300	N	N	N	<10	2,000
B257R	39 0 21	106 56 59	7.00	1.500	2.00	.700	300	N	N	N	15	1,500
B258R	39 2 12	106 50 27	3.00	.500	.10	.100	2,000	30.0	N	N	10	700
B259R	39 2 9	106 50 23	15.00	.200	<.05	.200	50	10.0	300	N	10	700
B260R	39 2 24	106 50 15	10.00	5.000	7.00	.300	500	N	N	N	30	1,000
B261R	39 2 48	106 50 56	1.50	1.000	3.00	.300	300	<.5	N	N	10	2,000
B262R	39 3 11	106 50 54	3.00	1.000	1.00	.200	200	N	N	N	<10	2,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SR
B218R	1.0	N	N	N	70	<5	20	N	N	10	<10	N
B219R	<1.0	N	N	10	30	5	20	N	<10	15	<10	N
B220R	1.5	N	20	50	70	100	70	N	N	20	50	N
B221R	1.0	<10	N	5	20	<5	20	N	<10	10	10	N
B222R	<1.0	<10	N	N	15	<5	<20	7	N	5	<10	N
B223R	1.0	<10	N	15	30	10	30	N	<10	20	10	N
B224R	N	N	N	N	<10	<5	N	N	N	<5	N	N
B225S	1.5	<10	N	10	50	30	20	N	<10	20	30	N
B226S	<1.0	<10	N	7	50	20	30	N	10	15	15	N
B227S	<1.0	<10	N	7	50	30	20	N	10	20	20	N
B228S	<1.0	<10	N	7	30	20	30	N	15	15	20	N
B229S	1.0	<10	N	5	30	20	30	N	<10	15	10	N
B230R	2.0	<10	N	15	150	<5	20	N	<10	50	20	N
B231R	<1.0	N	N	<5	30	5	<20	<5	N	5	10	N
B232R	2.0	N	N	10	10	7	50	5	<10	<5	20	N
B233R	2.0	N	N	15	70	10	30	N	<10	30	10	N
B234R	<1.0	<10	N	15	N	<5	20	<5	<10	<5	<10	N
B235R	2.0	<10	N	10	100	<5	70	<5	<10	20	<10	N
B236R	1.5	N	N	7	150	150	70	N	<10	30	N	N
B237R	1.5	N	N	7	10	30	50	N	<10	10	<10	N
B238R	<1.0	N	N	5	<10	<5	20	N	<10	<5	N	N
B239R	2.0	N	N	<5	30	<5	<20	N	N	10	N	N
B240R	<1.0	N	N	5	50	<5	20	N	N	20	N	N
B241R	1.5	N	N	5	50	<5	20	N	<10	15	<10	N
B242R	<1.0	N	N	<5	20	30	<20	N	N	10	<10	N
B243R	N	N	N	N	10	10	20	<5	N	5	N	N
B244R	<1.0	N	N	N	N	7	<20	5	N	<5	<10	N
B245R	<1.0	N	N	7	15	5	30	N	<10	5	15	N
B246R	1.0	N	N	5	20	5	20	N	N	15	<10	N
B247R	1.5	N	<20	5	50	20	20	<5	N	20	20	N
B248R	2.0	N	N	15	10	20	50	N	<10	5	20	N
B249R	<1.0	N	N	70	N	10	<20	100	N	<5	100	N
B250R	N	N	N	10	20	<5	20	5	<10	5	<10	N
B251R	<1.0	N	N	10	N	<5	70	N	<10	<5	<10	N
B252R	<1.0	N	N	15	N	7	50	N	N	<5	20	N
B253R	2.0	N	N	150	70	5	20	N	N	100	<10	N
B254R	<1.0	N	N	15	<10	<5	70	N	N	<5	<10	N
B255R	2.0	N	N	150	50	30	50	<5	N	150	10	N
B256R	1.0	N	N	7	N	<5	70	N	<10	<5	10	N
B257R	1.0	N	N	5	N	7	70	N	<10	<5	<10	N
B258R	N	20	<20	10	10	10,000	<20	<5	N	20	50	N
B259R	N	20	N	<5	30	50	20	<5	<10	<5	30	N
B260R	5.0	N	N	15	150	<5	150	N	<10	70	10	N
B261R	1.5	<10	<20	N	N	<5	20	N	<10	<5	<10	N
B262R	1.0	N	N	5	N	<5	50	N	N	<5	<10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
B218R	7	N	100	30	N	20	N	200	<.05	N
B219R	5	N	100	100	N	15	N	200	<.05	.04
B220R	30	N	700	500	N	30	200	150	<.05	N
B221R	7	N	100	70	N	20	N	300	<.05	N
B222R	<5	N	200	20	N	20	N	70	<.05	N
B223R	10	N	100	100	N	20	N	500	<.05	N
B224R	N	N	700	15	N	N	N	<10	<.05	N
B225S	10	N	<100	150	N	20	N	300	<.05	.20
B226S	7	N	<100	100	N	20	N	700	<.05	.02
B227S	7	N	<100	100	N	15	N	500	<.05	N
B228S	5	N	<100	150	N	30	N	1,000	<.05	.10
B229S	5	N	<100	70	N	15	N	300	<.05	N
B230R	15	N	150	200	N	20	N	200	<.05	N
B231R	10	N	100	150	N	15	N	200	<.05	N
B232R	15	N	1,500	150	N	30	N	300	<.05	N
B233R	10	N	100	100	N	20	N	500	<.05	N
B234R	<5	N	200	20	N	15	N	200	<.05	N
B235R	15	N	200	200	N	30	N	200	<.05	N
B236R	15	<10	100	200	N	50	N	200	<.05	N
B237R	15	N	100	200	N	30	N	200	<.05	.04
B238R	7	N	<100	70	N	<10	N	200	<.05	N
B239R	10	N	100	100	N	30	N	200	<.05	.02
B240R	7	N	100	150	N	20	N	200	<.05	N
B241R	7	N	100	100	N	20	N	500	<.05	.02
B242R	<5	N	100	70	N	10	N	200	<.05	N
B243R	<5	N	N	100	N	20	N	200	<.05	N
B244R	N	N	N	15	N	<10	N	50	<.05	N
B245R	5	N	N	30	N	15	N	1,000	<.05	N
B246R	<5	N	1,500	150	N	15	N	20	<.05	N
B247R	7	N	1,500	200	N	30	N	50	<.05	N
B248R	10	N	500	150	N	20	N	150	<.05	N
B249R	10	N	<100	50	N	15	N	200	<.05	N
B250R	<5	N	N	30	N	N	N	200	<.05	N
B251R	15	N	1,000	100	N	20	N	200	<.05	N
B252R	10	N	1,000	150	N	15	N	150	<.05	N
B253R	10	N	100	200	N	15	N	50	<.05	N
B254R	15	N	700	300	N	20	N	200	<.05	N
B255R	7	N	500	150	N	30	N	100	<.05	N
B256R	15	N	500	100	N	30	N	300	<.05	N
B257R	15	N	500	100	N	30	N	300	<.05	N
B258R	<5	N	<100	30	N	10	500	30	.05	N
B259R	7	N	N	100	N	10	N	500	.10	.14
B260R	15	N	150	200	N	70	N	300	.05	N
B261R	5	N	300	100	N	20	N	150	<.05	N
B262R	7	N	500	100	N	15	N	150	<.05	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
B263R	39 2 16	106 49 53	5.00	2.000	5.00	.500	500	N	N	N	<10	300
B264R	39 2 23	106 48 59	7.00	3.000	5.00	.700	300	N	N	N	<10	2,000
BS1SS	39 13 16	107 5 49	3.00	.700	.30	.300	500	N	N	N	10	300
EMC10PC2	39 2 16	106 56 1	50.00	.700	1.00	1.500	300	2.0	N	N	300	300
EMC10PC3	39 2 16	106 56 1	7.00	.200	1.50	>2.000	70	N	N	N	20	>10,000
EMC11PC2	39 2 17	106 56 0	10.00	2.000	7.00	1.000	1,000	<1.0	N	N	<20	150
EMC11PC3	39 2 17	106 56 0	5.00	2.000	5.00	>2.000	500	N	N	N	<20	>10,000
EMC1PC2	39 3 13	106 55 54	20.00	1.000	3.00	1.500	500	3.0	N	N	30	1,500
EMC1PC3	39 3 13	106 55 54	15.00	.070	1.50	2.000	50	2.0	N	N	20	>10,000
EMC2PC2	39 3 6	106 55 48	10.00	3.000	7.00	1.500	3,000	N	N	N	20	300
EMC2PC3	39 3 6	106 55 48	15.00	.050	5.00	2.000	70	N	N	N	<20	>10,000
EMC3PC2	39 3 33	106 55 41	20.00	1.500	5.00	1.500	1,500	N	N	N	20	500
EMC3PC3	39 3 33	106 55 41	10.00	1.000	7.00	>2.000	300	N	N	N	<20	10,000
EMC4PC2	39 3 38	106 55 41	30.00	.700	1.50	.070	70	5.0	N	N	<20	150
EMC4PC3	39 3 38	106 55 41	20.00	.070	5.00	.200	70	2.0	N	N	<20	100
EMC5PC2	39 6 34	106 54 34	30.00	.700	2.00	1.000	500	N	N	N	20	150
EMC5PC3	39 6 34	106 54 34	5.00	.100	7.00	>2.000	100	15.0	N	N	20	>10,000
EMC6PC2	39 5 51	106 55 0	20.00	1.500	7.00	1.000	1,000	1.5	N	N	20	1,000
EMC6PC3	39 5 51	106 55 0	7.00	.200	3.00	>2.000	100	300.0	N	N	<20	>10,000
EMC7PC2	39 5 28	106 55 1	30.00	.500	2.00	.500	500	50.0	N	N	20	1,000
EMC7PC3	39 5 28	106 55 1	10.00	.050	.30	.300	200	700.0	N	N	<20	>10,000
EMC8PC2	39 4 52	106 55 16	20.00	1.500	5.00	1.000	1,000	5.0	N	N	20	500
EMC8PC3	39 4 52	106 55 16	10.00	.100	3.00	2.000	100	70.0	<500	N	50	>10,000
EMC9PC2	39 2 25	106 56 4	20.00	1.500	2.00	1.500	200	1.0	N	N	20	200
EMC9PC3	39 2 25	106 56 4	7.00	.300	1.50	>2.000	70	5.0	N	N	<20	>10,000
F001PC	39 9 42	107 14 18	>20.00	.500	1.50	.700	1,000	N	N	N	N	1,500
F002R	39 9 43	107 14 18	2.00	.700	10.00	.200	1,000	N	N	N	10	700
F003SS	39 9 38	107 14 13	2.00	.700	1.50	.200	500	N	N	N	50	300
F004SS	39 9 36	107 14 9	3.00	1.000	.70	.200	300	N	N	N	50	300
F005SS	39 9 36	107 13 40	3.00	1.000	3.00	.300	500	N	N	N	30	300
F006SS	39 9 37	107 13 30	3.00	1.000	3.00	.200	500	N	N	N	30	300
F008SS	39 9 40	107 13 31	5.00	1.000	1.50	.300	500	N	N	N	50	300
F010SS	39 10 18	107 13 12	5.00	.700	1.00	.200	700	N	N	N	50	300
F011SS	39 10 20	107 13 10	10.00	.700	.50	.300	1,000	N	N	N	50	300
F012SS	39 10 42	107 13 13	10.00	.700	1.50	.300	500	N	N	N	10	500
F013PC	39 10 42	107 13 13	>20.00	.300	1.00	.700	700	N	N	N	N	300
F014SS	39 10 45	107 13 20	1.50	.700	.70	.300	500	N	N	N	20	500
F015PC	39 10 45	107 13 20	>20.00	.200	.30	.500	1,000	N	N	N	N	700
F016SS	39 10 44	107 13 44	5.00	1.000	1.50	.300	500	N	N	N	30	300
F017SS	39 13 25	107 11 14	3.00	1.500	3.00	.300	700	N	N	N	10	700
F018R	39 13 29	107 11 5	3.00	.700	1.00	.100	200	N	N	N	10	300
F019R	39 13 30	107 10 59	3.00	2.000	1.00	.500	300	N	N	N	20	700
F020SS	39 13 39	107 10 31	3.00	.700	.70	.300	500	N	N	N	10	500
F021SS	39 13 41	107 10 35	5.00	.700	.70	.300	500	N	N	N	10	700
F022SS	39 14 10	107 5 13	5.00	1.000	.70	.500	700	N	N	N	15	700

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
B263R	1.0	N	N	10	N	<5	50	N	N	5	<10	N
B264R	1.0	N	N	15	<10	<5	70	N	N	5	10	N
BS1SS	3.0	N	N	5	30	5	20	N	20	10	15	N
EMC10PC2	<2.0	N	N	150	1,000	100	500	N	50	70	30	N
EMC10PC3	N	200	N	50	100	10	70	N	70	20	500	N
EMC11PC2	<2.0	N	N	50	100	200	150	N	50	70	20	N
EMC11PC3	N	20	N	N	150	<10	150	N	50	20	300	N
EMC1PC2	N	N	N	70	70	1,000	300	15	50	50	100	N
EMC1PC3	<2.0	N	N	20	20	150	<50	N	50	20	30	N
EMC2PC2	<2.0	N	N	50	150	300	200	15	50	50	70	N
EMC2PC3	<2.0	300	N	50	20	70	300	10	50	10	20	N
EMC3PC2	N	N	N	50	200	300	300	30	50	50	70	N
EMC3PC3	<2.0	N	N	100	<20	3,000	500	N	50	<10	2,000	N
EMC4PC2	N	N	N	100	20	7,000	50	20	N	70	30	N
EMC4PC3	N	N	N	1,500	<20	5,000	200	N	N	100	20	N
EMC5PC2	N	N	N	30	300	70	100	N	50	50	50	N
EMC5PC3	2.0	N	100	15	70	100	150	20	70	20	20,000	N
EMC6PC2	<2.0	N	N	20	300	200	200	N	50	30	700	N
EMC6PC3	<2.0	N	300	10	70	500	200	70	50	30	30,000	N
EMC7PC2	N	N	N	150	70	5,000	100	15	<50	70	1,500	N
EMC7PC3	N	N	1,000	15	20	2,000	<50	2,000	N	30	>50,000	300
EMC8PC2	<2.0	N	N	100	200	500	300	15	50	100	100	N
EMC8PC3	N	N	500	20	20	2,000	100	150	50	20	15,000	200
EMC9PC2	<2.0	N	N	300	300	100	300	N	50	150	20	N
EMC9PC3	N	1,000	N	20	200	150	100	N	70	15	700	N
F001PC	2.0	N	N	50	200	15	150	N	N	15	50	N
F002R	1.0	N	N	N	N	N	20	N	N	5	15	N
F003SS	1.0	N	N	5	15	15	50	N	N	10	10	N
F004SS	1.0	N	N	7	20	7	20	N	<20	10	10	N
F005SS	1.0	N	N	5	20	7	20	N	<20	7	10	N
F006SS	1.0	N	N	5	30	7	20	N	<20	7	20	N
F008SS	1.0	N	N	7	30	7	30	N	<20	10	20	N
F010SS	1.0	N	N	7	20	7	30	N	<20	10	20	N
F011SS	1.0	N	N	10	50	15	30	N	<20	7	20	N
F012SS	1.0	N	N	7	50	10	50	N	<20	7	20	N
F013PC	3.0	N	N	30	150	<5	150	N	N	15	50	N
F014SS	1.0	N	N	10	70	10	30	N	<20	10	30	N
F015PC	3.0	N	N	70	200	<5	<20	N	N	15	50	N
F016SS	1.0	N	N	5	20	10	30	N	<20	10	15	N
F017SS	3.0	N	N	10	50	15	50	N	20	15	50	N
F018R	1.0	N	N	<5	<10	5	20	N	N	10	10	N
F019R	2.0	N	N	10	20	N	30	N	N	20	15	N
F020SS	3.0	N	N	10	70	15	50	N	20	15	15	N
F021SS	3.0	N	N	10	50	15	30	N	20	15	15	N
F022SS	3.0	N	N	10	70	15	70	N	20	15	15	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
B263R	15	N	1,000	300	N	20	N	50	<.05	N
B264R	15	N	2,000	200	N	30	N	150	<.05	N
BS1SS	7	N	N	50	N	20	N	200	<.05	--
EMC10PC2	20	<20	<200	500	N	100	1,000	500	--	--
EMC10PC3	<10	20	2,000	200	N	150	N	>2,000	--	--
EMC11PC2	20	N	200	200	N	70	N	500	--	--
EMC11PC3	<10	200	300	150	<100	100	N	>2,000	--	--
EMC1PC2	15	20	<200	200	150	70	N	500	--	--
EMC1PC3	10	N	1,000	100	1,500	30	N	2,000	--	--
EMC2PC2	50	N	<200	200	N	100	N	500	--	--
EMC2PC3	15	N	1,500	100	2,000	200	N	>2,000	--	--
EMC3PC2	20	20	200	200	<100	100	N	1,000	--	--
EMC3PC3	10	N	<200	700	10,000	500	N	>2,000	--	--
EMC4PC2	N	N	N	20	N	20	N	30	--	--
EMC4PC3	N	N	N	20	N	150	N	50	--	--
EMC5PC2	10	N	N	500	N	70	500	200	--	--
EMC5PC3	10	<20	1,000	100	1,000	500	1,500	>2,000	--	--
EMC6PC2	15	1,500	<200	300	N	150	500	500	--	--
EMC6PC3	10	>2,000	1,000	150	200	500	15,000	>2,000	--	--
EMC7PC2	10	<20	<200	150	N	30	1,000	70	--	--
EMC7PC3	<10	20	1,000	20	<100	20	>20,000	1,500	--	--
EMC8PC2	15	N	200	200	N	100	500	700	--	--
EMC8PC3	<10	30	1,500	100	100	200	>20,000	>2,000	--	--
EMC9PC2	20	N	<200	300	N	50	500	500	--	--
EMC9PC3	<10	20	1,000	300	N	100	N	>2,000	--	--
F001PC	7	N	N	500	N	200	N	>1,000	<.05	.02
F002R	10	N	100	20	N	30	N	70	<.05	.02
F003SS	5	N	<100	50	N	50	N	150	<.05	.08
F004SS	5	N	<100	50	N	15	N	150	<.05	<.02
F005SS	5	N	100	70	N	20	N	500	<.05	.02
F006SS	5	N	100	30	N	15	N	300	<.05	.02
F008SS	7	N	<100	70	N	15	N	300	<.05	<.02
F010SS	7	N	<100	100	N	20	N	700	<.05	.04
F011SS	5	N	<100	200	N	20	N	1,000	<.05	<.02
F012SS	5	N	<100	300	N	20	N	1,000	<.05	<.02
F013PC	10	N	N	700	N	70	N	>1,000	<.05	<.02
F014SS	5	N	<100	300	N	20	N	1,000	<.05	<.02
F015PC	10	N	N	700	N	50	N	700	<.05	.03
F016SS	5	N	<100	70	N	15	N	150	<.05	.06
F017SS	15	N	100	70	N	30	N	300	<.05	--
F018R	5	N	100	50	N	<10	N	70	<.05	.12
F019R	15	N	N	50	N	30	N	150	<.05	N
F020SS	10	N	100	70	N	30	N	200	<.05	--
F021SS	10	N	100	70	N	30	N	500	<.05	--
F022SS	15	N	100	150	N	30	N	700	<.05	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
F023SS	39 14 25	107 5 26	5.00	.700	.70	.300	700	N	N	N	30	700
F024PC	39 14 53	107 5 54	15.00	.300	.20	.700	700	N	N	N	<10	500
F025SS	39 14 53	107 5 54	10.00	.700	.70	.700	500	N	N	N	10	700
F026SS	39 14 24	107 6 18	3.00	.500	.50	.500	200	N	N	N	30	700
F027SS	39 14 18	107 6 15	2.00	.700	.70	.300	500	N	N	N	20	300
F028SS	39 13 56	107 6 4	3.00	.700	.70	.300	500	N	N	N	10	700
F029SS	39 11 29	107 13 51	7.00	1.500	1.00	.300	700	N	N	N	15	700
F030SS	39 12 2	107 13 39	3.00	1.500	3.00	.500	700	N	N	N	10	1,500
F031SS	39 12 19	107 13 26	5.00	1.500	2.00	.700	700	N	N	N	10	1,500
F032PC	39 12 19	107 13 26	15.00	.070	.20	.300	500	N	N	N	10	1,500
F033SS	39 12 35	107 13 24	7.00	.700	2.00	.700	300	N	N	N	15	700
F034SS	39 12 34	107 13 11	5.00	2.000	7.00	.300	700	N	N	N	10	700
F036R1	39 12 39	107 13 11	3.00	2.000	3.00	.150	300	N	N	N	100	200
F036R2	39 12 39	107 13 11	2.00	1.500	3.00	.150	300	N	N	N	70	200
F036R3	39 12 39	107 13 11	2.00	2.000	3.00	.300	500	N	N	N	70	300
F036R4	39 12 39	107 13 11	1.50	1.500	1.50	.070	300	N	N	N	20	1,000
F037SS	39 12 59	107 13 23	5.00	2.000	7.00	.300	700	N	N	N	50	700
F038SS	39 14 36	107 11 34	5.00	3.000	10.00	.300	700	N	N	N	70	700
F039PC	39 14 36	107 11 34	>20.00	.500	1.50	.700	300	N	N	N	<10	>5,000
F040R	39 14 17	107 12 56	2.00	.150	.07	.150	70	20.0	N	N	10	>5,000
F041SS	39 8 0	107 15 3	1.50	.700	10.00	.150	1,000	N	N	N	10	300
F042R	39 8 7	107 15 3	5.00	.700	.15	.100	100	N	N	N	10	200
F043R	39 8 3	107 14 15	.70	.100	.10	.050	150	<.5	N	N	N	100
F045SS	39 5 17	107 12 54	3.00	.700	.70	.300	500	N	N	N	10	500
F046SS	39 4 56	107 13 43	2.00	.700	.50	.300	500	N	N	N	<10	700
F047SS	39 6 36	107 14 28	3.00	.700	.50	.200	700	N	N	N	10	700
F056R	39 9 24	107 9 57	5.00	1.500	3.00	.200	700	N	N	N	20	500
F057R	39 9 20	107 10 1	5.00	.500	15.00	.150	2,000	N	N	N	20	700
F059R	39 9 23	107 10 12	10.00	7.000	>20.00	.070	3,000	N	N	N	N	200
F060R	39 9 14	107 10 20	15.00	7.000	20.00	.030	3,000	N	N	N	N	150
F061SS	39 9 27	107 9 57	3.00	1.000	1.50	.500	1,000	N	N	N	150	700
F062R	39 9 25	107 9 47	7.00	3.000	15.00	.150	3,000	N	N	N	<10	500
F063SS	39 9 5	107 9 25	3.00	1.000	1.00	.300	700	N	N	N	<10	300
F064SS	39 9 6	107 9 26	3.00	1.500	1.50	.300	700	N	N	N	30	500
F065R	39 9 39	107 6 9	3.00	3.000	20.00	.150	3,000	N	N	N	10	300
F066SS	39 10 46	107 9 20	5.00	2.000	3.00	.700	700	N	N	N	70	1,000
F067SS	39 10 56	107 9 37	3.00	1.000	1.50	.200	700	N	N	N	20	700
F068SS	39 11 13	107 9 41	3.00	.700	2.00	.300	300	N	N	N	<10	500
F069SS	39 11 28	107 9 55	5.00	1.500	1.50	.500	700	N	N	N	20	700
F070SS	39 10 45	107 8 54	3.00	1.500	5.00	.300	700	N	N	N	20	700
F071SS	39 10 13	107 8 37	3.00	1.500	5.00	.300	700	N	N	N	20	500
F072PC	39 10 4	107 8 51	15.00	.700	1.50	.500	700	N	N	N	<10	1,000
F073SS	39 14 56	107 7 47	10.00	1.000	.70	.500	700	N	N	N	20	700
F074SS	39 13 52	107 7 30	7.00	.700	.70	.300	1,000	N	N	N	15	700
F075SS	39 14 6	107 7 35	5.00	1.000	.70	.500	500	N	N	N	10	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
F023SS	3.0	N	N	10	50	15	50	N	20	15	20	N
F024PC	2.0	N	N	15	70	<5	20	N	N	10	20	N
F025SS	3.0	N	N	20	70	10	100	N	30	15	20	N
F026SS	3.0	N	N	7	50	5	50	N	20	10	15	N
F027SS	3.0	N	N	10	30	15	50	N	<20	15	15	N
F028SS	3.0	N	N	10	50	15	30	N	N	15	15	N
F029SS	5.0	N	N	15	50	15	50	N	20	10	20	N
F030SS	3.0	N	N	15	50	15	30	N	20	15	15	N
F031SS	3.0	N	N	15	70	15	50	N	20	20	20	N
F032PC	2.0	N	N	30	70	<5	<20	N	N	15	50	N
F033SS	3.0	N	N	15	50	10	50	N	20	10	15	N
F034SS	3.0	N	N	15	70	15	70	N	20	20	15	N
F036R1	2.0	N	N	7	30	7	50	N	<20	20	<10	N
F036R2	2.0	N	N	7	20	7	30	N	<20	20	<10	N
F036R3	1.0	N	N	5	20	5	30	N	<20	15	<10	N
F036R4	<1.0	N	N	<5	10	<5	20	N	<20	10	15	N
F037SS	3.0	N	N	15	70	15	70	N	20	20	30	N
F038SS	3.0	N	N	15	70	15	50	N	20	20	30	N
F039PC	2.0	N	N	50	200	10	150	N	N	20	300	N
F040R	1.0	N	N	N	N	20	20	N	N	5	150	N
F041SS	1.5	N	N	N	N	10	30	N	N	<5	15	N
F042R	1.0	N	N	<5	20	7	20	N	<20	5	30	N
F043R	<1.0	N	N	<5	<10	<5	20	N	N	5	20	N
F045SS	2.0	N	N	10	30	15	30	N	<20	15	15	N
F046SS	2.0	N	N	10	30	15	30	N	20	10	15	N
F047SS	2.0	N	N	10	20	15	20	N	<20	10	15	N
F056R	<1.0	N	N	10	<10	<5	50	N	N	<5	<10	N
F057R	1.5	N	N	10	N	N	20	N	N	10	N	N
F059R	1.0	N	N	N	20	10	20	N	N	10	N	N
F060R	<1.0	N	N	N	N	<5	20	N	N	N	<10	N
F061SS	3.0	N	N	15	50	15	30	N	20	15	30	N
F062R	<1.0	N	N	5	N	10	50	N	N	7	10	N
F063SS	2.0	N	N	15	30	15	50	N	20	10	15	N
F064SS	1.5	N	N	15	N	15	20	N	<20	10	15	N
F065R	1.0	N	N	N	N	N	30	N	N	N	N	N
F066SS	3.0	N	N	15	50	15	50	N	30	15	20	N
F067SS	2.0	N	N	15	30	15	30	N	<20	10	20	N
F068SS	2.0	N	N	10	20	<5	30	N	20	10	10	N
F069SS	3.0	N	N	15	50	15	50	N	20	15	20	N
F070SS	2.0	N	N	15	50	7	20	N	<20	10	15	N
F071SS	3.0	N	N	15	50	10	20	N	20	15	15	N
F072PC	2.0	N	N	15	N	15	150	N	N	10	200	N
F073SS	3.0	N	N	15	70	20	50	N	30	15	20	N
F074SS	3.0	N	N	10	30	15	30	N	20	15	20	N
F075SS	2.0	N	N	15	N	10	20	N	20	15	15	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
F023SS	10	N	100	150	N	30	N	500	<.05	--
F024PC	5	N	N	300	N	20	N	700	<.05	.02
F025SS	10	N	100	200	N	30	N	700	<.05	--
F026SS	10	N	100	70	N	30	N	700	<.05	--
F027SS	7	N	100	70	N	20	N	150	<.05	--
F028SS	10	N	N	70	N	30	N	150	<.05	--
F029SS	15	N	100	150	N	30	N	700	<.05	--
F030SS	15	N	100	70	N	30	N	300	<.05	--
F031SS	15	N	100	100	N	30	N	200	<.05	--
F032PC	5	N	N	500	N	30	N	1,000	<.05	<.02
F033SS	10	N	100	100	N	30	N	700	<.05	--
F034SS	15	N	100	70	N	30	N	200	<.05	--
F036R1	7	N	100	50	N	20	N	300	<.05	.10
F036R2	7	N	100	50	N	15	N	200	<.05	.10
F036R3	7	N	100	50	N	15	N	700	<.05	.12
F036R4	5	N	150	30	N	10	N	150	<.05	.07
F037SS	15	N	100	70	N	30	N	150	<.05	--
F038SS	15	N	100	70	N	30	N	150	<.05	--
F039PC	10	N	500	700	N	300	N	500	<.06	.02
F040R	<5	N	5,000	20	N	10	N	150	<.05	N
F041SS	5	N	200	30	N	10	N	100	<.05	--
F042R	7	N	150	70	N	10	N	100	<.05	.12
F043R	<5	N	100	20	N	<10	<200	50	<.05	.10
F045SS	7	N	100	50	N	20	N	150	<.05	--
F046SS	<5	N	100	50	N	20	N	150	.09	--
F047SS	5	N	150	50	N	20	N	150	<.05	--
F056R	10	N	500	70	N	30	N	150	<.05	.07
F057R	5	N	N	50	N	30	N	100	.05	<.02
F059R	5	N	100	20	N	20	N	30	<.05	N
F060R	5	N	<100	15	N	20	N	<10	<.05	.02
F061SS	10	N	<100	50	N	50	N	700	<.05	--
F062R	10	N	150	30	N	50	N	150	<.05	.02
F063SS	10	N	200	50	N	20	N	150	<.05	--
F064SS	7	N	150	50	N	20	N	100	<.05	--
F065R	20	N	300	30	N	30	N	70	<.05	.02
F066SS	10	N	100	100	N	30	N	500	<.05	--
F067SS	5	N	<100	70	N	30	N	150	<.05	--
F068SS	5	N	N	50	N	20	N	150	<.05	--
F069SS	10	N	<100	100	N	30	N	200	<.05	--
F070SS	10	N	<100	70	N	15	N	150	<.05	--
F071SS	10	N	<100	50	N	20	N	150	<.05	--
F072PC	10	N	200	300	N	30	N	1,000	<.05	.02
F073SS	15	N	<100	150	N	20	N	300	<.05	--
F074SS	10	N	<100	100	N	20	N	500	<.05	--
F075SS	10	N	<100	50	N	20	N	150	<.05	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
F076SS	39 13 24	107 6 40	3.00	.700	.30	.300	300	N	N	N	10	700
F077PC	39 9 49	107 1 25	>20.00	.700	7.00	1.000	2,000	N	N	N	N	200
F078SS	39 9 49	107 1 24	2.00	1.500	1.50	.200	300	N	N	N	10	300
F079R	39 9 49	107 1 25	3.00	3.000	3.00	.700	700	50.0	N	N	70	300
F080SS	39 8 24	107 2 44	3.00	.700	.70	.300	300	N	N	N	10	300
F081SS	39 8 17	107 2 43	3.00	1.500	1.50	.300	500	N	N	N	10	500
F082SS	39 8 15	107 2 43	3.00	.700	1.50	.300	200	N	N	N	10	300
F083SS	39 13 39	107 0 4	7.00	3.000	3.00	.700	500	N	N	N	100	500
F084SS	39 13 36	107 0 4	3.00	1.500	2.00	.300	300	N	N	N	70	300
F086R	39 12 46	107 0 29	3.00	1.500	1.50	.200	700	15.0	N	N	20	300
F087R	39 12 43	107 10 41	5.00	1.500	1.50	.300	300	N	N	N	<10	300
F088S	39 12 53	107 10 43	1.50	.500	.70	.150	500	N	N	N	10	300
F089R	39 8 22	107 13 4	2.00	.700	3.00	.300	500	N	N	N	15	200
F090R	39 8 30	107 13 11	7.00	1.500	.20	.150	300	N	N	N	10	500
F091PC	39 8 7	107 13 15	>20.00	.200	.70	.700	700	N	N	N	N	1,000
F092SS	39 17 51	107 11 39	1.50	.300	.70	.150	300	N	N	N	10	200
F093SS	39 17 33	107 12 7	3.00	.700	.70	.300	700	N	N	N	<10	700
F094SS	39 16 16	107 12 57	7.00	1.500	3.00	.700	700	N	N	N	10	700
F095R1	39 16 10	107 12 50	3.00	1.500	7.00	.200	1,000	N	N	N	10	300
F095R2	39 16 10	107 12 50	.70	.500	20.00	.030	1,000	N	N	N	N	500
F096SS	39 16 5	107 12 51	5.00	.500	1.50	.300	500	N	N	N	<10	700
F097R	39 15 58	107 12 43	3.00	1.500	>20.00	.100	700	2.0	N	N	10	3,000
F098R	39 15 56	107 12 39	15.00	.150	.50	.070	150	N	N	N	<10	300
F099SS	39 15 46	107 12 55	3.00	.500	.70	.150	150	N	N	N	<10	500
F100SS	39 10 26	106 58 51	3.00	.700	1.50	.300	300	N	N	N	20	300
F101SS	39 11 20	106 59 7	2.00	.700	1.50	.200	300	N	N	N	30	300
F102PC	39 11 20	106 59 7	15.00	.300	.50	.700	500	N	N	N	10	5,000
F103SS	39 12 35	107 10 2	7.00	1.000	.30	.500	700	N	N	N	10	700
F104SS	39 12 44	107 9 21	7.00	.700	.30	.300	700	N	N	N	10	500
F105SS	39 12 31	107 9 11	7.00	.700	.30	.300	700	N	N	N	10	300
F106SS	39 12 31	107 9 11	5.00	1.000	.30	.700	700	N	N	N	15	500
F107SS	39 12 17	107 8 18	7.00	1.500	.50	.700	1,000	N	N	N	20	700
F108SS	39 12 21	107 8 17	7.00	1.000	.30	.500	700	N	N	N	20	500
F109SS	39 12 44	107 9 36	3.00	1.500	.30	.300	700	N	N	N	10	500
F110R	39 14 33	107 11 27	7.00	.700	1.00	.100	500	10.0	N	N	50	1,500
F111R	39 14 23	107 10 56	5.00	1.500	7.00	.100	300	>5,000.0	N	N	200	300
F112SS	39 14 28	107 9 58	3.00	3.000	7.00	.200	300	N	N	N	50	500
F113SS	39 14 27	107 9 58	3.00	3.000	7.00	.200	300	N	N	N	50	300
F114R	39 14 30	107 10 3	7.00	3.000	2.00	.500	500	10.0	N	N	<10	1,500
F115SS	39 1 33	107 2 23	7.00	3.000	1.00	.300	300	N	N	N	70	300
F116PC	39 1 33	107 2 23	10.00	1.000	.50	.300	500	N	N	N	<10	5,000
F117SS	39 1 35	107 2 23	5.00	2.000	1.50	.200	300	N	N	N	70	300
F118PC	39 1 35	107 2 23	10.00	1.000	.50	.300	500	N	N	N	<10	5,000
F119SS	39 1 10	106 58 39	5.00	2.000	.70	.200	300	N	N	N	30	3,000
F120SS	39 1 11	106 58 37	5.00	2.000	.70	.200	300	N	N	N	50	1,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
F076SS	2.0	N	N	10	50	5	20	N	20	10	15	N
F077PC	N	N	N	20	100	15	300	N	N	10	10	N
F078SS	2.0	N	N	10	30	30	30	N	20	10	20	N
F079R	3.0	N	N	10	70	>20,000	70	N	N	20	10	N
F080SS	2.0	N	N	N	N	15	20	N	20	10	15	N
F081SS	2.0	N	N	10	30	15	30	N	20	10	15	N
F082SS	2.0	N	N	N	N	5	30	N	<20	5	15	N
F083SS	3.0	N	N	10	70	20	20	N	N	20	20	N
F084SS	3.0	N	N	10	50	15	20	N	N	20	20	N
F086R	2.0	N	N	N	N	15,000	30	N	<20	10	10	N
F087R	1.5	N	N	7	N	15	30	N	N	N	<10	N
F088S	3.0	N	N	N	30	10	30	N	N	10	15	N
F089R	2.0	N	N	7	50	15	20	N	<20	15	<10	N
F090R	2.0	N	N	20	N	5	100	N	N	20	10	N
F091PC	2.0	N	N	50	150	15	70	N	N	15	70	N
F092SS	1.0	N	N	N	N	<5	20	N	N	N	10	N
F093SS	2.0	N	N	10	N	7	20	N	N	5	15	N
F094SS	3.0	N	N	15	70	10	50	N	N	20	15	N
F095R1	1.0	N	N	10	30	30	70	N	<20	20	30	N
F095R2	<1.0	N	N	<5	<10	10	<20	N	N	<5	N	N
F096SS	2.0	N	N	10	30	10	30	N	N	10	10	N
F097R	1.0	N	N	7	30	15	<20	N	N	15	200	N
F098R	<1.0	N	N	10	30	20	<20	15	N	30	70	N
F099SS	2.0	N	N	N	N	<5	30	N	N	5	15	N
F100SS	3.0	N	N	10	30	15	20	N	N	15	15	N
F101SS	2.0	N	N	10	30	15	20	N	N	15	15	N
F102PC	2.0	N	N	20	150	10	30	N	N	10	20	N
F103SS	3.0	N	N	15	50	10	20	N	N	15	20	N
F104SS	3.0	N	N	10	50	10	20	N	N	10	20	N
F105SS	3.0	N	N	10	50	10	20	N	N	15	15	N
F106SS	3.0	N	N	10	30	10	20	N	N	10	15	N
F107SS	3.0	N	N	15	70	15	30	N	N	20	20	N
F108SS	3.0	N	N	10	50	15	20	N	N	10	15	N
F109SS	1.5	N	N	10	50	15	<20	N	N	15	20	N
F110R	<1.0	N	50	5	10	30	<20	N	<20	10	2,000	N
F111R	N	N	N	5	<10	15,000	N	N	<20	20	>20,000	N
F112SS	<1.0	N	N	10	20	15	50	N	<20	20	15	N
F113SS	<1.0	N	N	10	20	15	50	N	<20	15	15	N
F114R	1.0	N	N	5	<10	30	70	N	<20	5	150	N
F115SS	1.0	N	N	15	50	30	50	10	<20	50	20	N
F116PC	1.0	N	N	20	50	20	50	N	<20	20	20	N
F117SS	1.0	N	N	10	30	20	50	N	<20	30	15	N
F118PC	1.0	N	N	20	50	15	50	N	<20	20	20	N
F119SS	1.0	N	N	20	20	50	50	N	<20	20	20	N
F120SS	1.0	N	N	10	20	20	50	N	<20	20	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
F076SS	7	N	100	50	N	20	N	150	<.05	--
F077PC	10	N	N	500	N	150	N	700	<.10	N
F078SS	7	N	100	50	N	20	N	150	<.05	--
F079R	20	N	150	150	N	50	N	150	.05	<.02
F080SS	7	N	150	50	N	10	N	150	<.05	--
F081SS	10	N	300	50	N	20	N	150	<.05	--
F082SS	7	N	300	30	N	20	N	150	<.05	--
F083SS	10	N	150	150	N	20	N	200	<.05	--
F084SS	5	N	N	100	N	20	N	200	<.05	--
F085R	7	N	100	30	N	20	N	200	.05	.08
F087R	10	N	500	70	N	20	N	150	<.05	.04
F088S	5	N	N	30	N	20	N	100	<.05	--
F089R	5	N	<100	30	N	15	N	700	<.05	.04
F090R	7	N	<100	30	N	30	<200	150	<.05	.04
F091PC	5	N	N	700	N	50	N	700	<.05	N
F092SS	N	N	150	30	N	10	N	150	.05	--
F093SS	7	N	150	50	N	20	N	200	<.05	--
F094SS	15	N	100	100	N	30	N	700	<.05	--
F095R1	10	N	150	50	N	50	<200	150	<.05	.08
F095R2	<5	N	200	30	N	10	N	20	<.05	.09
F096SS	5	N	100	70	N	15	N	150	<.05	--
F097R	5	N	300	20	N	15	700	50	<.05	.08
F098R	N	N	N	50	N	<10	5,000	50	<.05	.10
F099SS	N	N	100	30	N	20	N	100	<.05	--
F100SS	10	N	100	30	N	20	N	700	<.05	--
F101SS	5	N	N	30	N	20	N	500	<.05	--
F102PC	<5	N	100	300	N	20	N	700	<.13	.04
F103SS	10	N	100	100	N	20	N	500	<.05	--
F104SS	10	N	100	150	N	30	N	700	<.05	--
F105SS	10	N	N	150	N	20	N	200	<.05	--
F106SS	10	N	100	70	N	30	N	300	<.05	--
F107SS	15	N	N	100	N	30	N	700	<.05	--
F108SS	10	N	N	70	N	30	N	700	<.05	--
F109SS	10	N	N	50	N	20	N	150	<.05	--
F110R	5	N	100	30	N	10	5,000	70	<.05	1.00
F111R	7	N	150	20	N	20	700	50	<.05	1.00
F112SS	7	N	100	70	N	20	N	200	<.05	--
F113SS	7	N	100	70	N	15	N	150	<.05	--
F114R	10	N	1,000	70	N	20	N	300	<.05	N
F115SS	10	N	100	300	N	20	N	200	<.05	--
F116PC	5	N	100	200	N	20	N	300	<.06	.06
F117SS	10	N	100	200	N	15	N	150	<.05	--
F118PC	7	N	100	200	N	20	N	300	.10	.04
F119SS	10	N	100	70	N	20	N	150	<.05	--
F120SS	10	N	100	100	N	30	N	300	<.05	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
F121SS	39 1 19	106 58 39	2.00	5.000	7.00	.300	1,500	N	N	N	10	200
F122PC	39 1 27	106 59 17	10.00	1.000	.50	.300	500	2.0	N	N	<10	3,000
F123SS	39 0 24	106 56 33	5.00	2.000	.50	.200	500	N	N	N	30	200
F124SS	39 0 17	106 56 36	2.00	.700	.50	.150	300	N	N	N	20	200
F125PC	38 57 18	106 51 39	15.00	.700	.20	.300	150	N	N	N	<10	5,000
F126SS	38 57 16	106 51 39	3.00	2.000	.50	.300	200	N	N	N	10	500
F127SS	38 58 1	106 50 48	3.00	3.000	1.50	.300	1,000	N	N	N	20	500
F128PC	38 58 1	106 50 48	7.00	.700	.30	.200	150	N	N	N	<10	2,000
F129SS	38 58 26	106 50 56	2.00	2.000	1.00	.200	150	N	N	N	15	500
F130SS	38 59 14	106 51 35	5.00	3.000	.70	.300	500	N	N	N	30	500
F131R	39 13 8	107 11 24	.70	1.000	1.50	.200	200	N	N	N	N	100
F132R	39 15 52	107 8 29	3.00	.700	1.00	.150	150	N	N	N	N	500
F133SS	39 10 2	107 11 53	5.00	1.500	.30	.200	300	N	N	N	20	500
F134SS	39 9 16	107 12 30	3.00	2.000	.70	.300	300	N	N	N	30	500
F135SS	39 8 49	107 11 22	2.00	2.000	1.00	.200	200	N	N	N	30	300
F136SS	39 8 49	107 11 22	2.00	3.000	1.00	.200	1,000	N	N	N	50	500
F137SS	39 13 59	107 12 0	3.00	3.000	1.00	.300	700	N	N	N	30	500
F138SS	39 12 29	107 10 37	3.00	2.000	.50	.300	500	N	N	N	30	500
F139SS	39 11 21	107 10 2	2.00	3.000	1.50	.200	1,500	N	N	N	20	1,500
F140R	39 11 14	107 1 45	15.00	.150	.15	.070	20	N	1,000	N	50	150
F141SS	39 4 57	106 49 23	3.00	3.000	2.00	.300	1,500	N	N	N	20	700
F142PC	39 4 56	106 49 22	15.00	1.000	.50	.150	1,500	1.5	N	N	<10	3,000
F143SS	39 4 16	106 50 5	3.00	5.000	1.50	.300	700	N	N	N	20	200
F144SS	39 4 17	106 50 7	3.00	3.000	1.50	.300	2,000	1.5	N	N	30	1,500
F145R	39 4 41	106 49 58	7.00	<.020	<.05	.150	<10	10.0	N	N	<10	300
F146SS	39 5 10	106 49 39	2.00	2.000	1.50	.300	1,000	N	N	N	20	500
F147SS	39 3 31	106 55 40	2.00	1.500	.70	.150	1,500	N	N	N	<10	200
F148S	39 4 12	106 55 23	1.00	.500	.20	.100	3,000	N	N	N	<10	300
F149SS	39 5 6	106 55 9	2.00	2.000	5.00	.150	200	N	N	N	10	200
F150SS	39 5 25	106 55 0	3.00	.700	7.00	.070	3,000	7.0	N	N	<10	150
F151SS	39 5 50	106 54 59	1.50	1.000	.50	.150	200	N	N	N	10	300
F152SS	39 17 32	107 9 10	3.00	1.000	1.00	.300	300	N	N	N	30	500
F153SS	39 17 3	107 9 47	2.00	1.500	1.00	.300	500	<.5	N	N	20	500
F154R	39 16 28	107 9 42	2.00	1.000	2.00	.200	700	N	N	N	N	300
F156SS	39 12 12	107 0 3	2.00	.700	10.00	.300	300	N	N	N	20	1,500
F157R	39 12 17	107 0 9	.70	.500	5.00	.070	300	N	N	N	<10	30
F158S	39 12 21	107 0 17	1.50	.300	.15	.200	500	N	N	N	15	300
F159S	39 12 22	107 0 24	2.00	.500	.15	.300	500	N	N	N	20	500
F160S	39 12 24	107 0 32	2.00	1.000	.20	.300	500	N	N	N	20	500
F161S	39 12 30	107 0 36	2.00	.500	.15	.300	500	N	N	N	20	300
F162R	39 12 51	107 0 26	.50	.200	.15	.050	150	N	N	N	<10	20
F163R	39 12 48	107 0 27	.30	.200	.10	.050	70	N	N	N	<10	N
F165R	39 12 48	107 0 25	.70	.500	.15	.050	100	7.0	N	N	<10	150
F166R	39 12 48	107 0 25	.50	.200	.15	.050	100	.5	N	N	10	200
F167R	39 12 48	107 0 25	.70	.500	.07	.070	70	7.0	N	N	15	1,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
F121SS	2.0	N	N	5	50	15	150	N	<20	20	20	N
F122PC	1.0	N	N	50	50	70	70	N	<20	30	20	N
F123SS	2.0	N	N	7	10	15	50	N	<20	10	15	N
F124SS	5.0	N	N	10	<10	15	50	N	<20	10	15	N
F125PC	<1.0	N	N	20	50	5	30	N	<20	15	10	N
F126SS	2.0	N	N	10	30	10	50	N	<20	15	10	N
F127SS	2.0	N	N	15	50	20	100	N	<20	30	10	N
F128PC	<1.0	N	N	15	30	5	50	N	<20	10	<10	N
F129SS	2.0	N	N	15	20	10	50	N	<20	15	10	N
F130SS	2.0	N	N	15	30	15	50	N	<20	30	20	N
F131R	<1.0	N	N	<5	<10	<5	30	N	N	5	<10	N
F132R	<1.0	N	N	5	<10	<5	30	N	<20	5	<10	N
F133SS	1.0	N	N	10	10	15	50	N	<20	20	20	N
F134SS	1.5	N	N	7	20	7	50	N	<20	20	20	N
F135SS	<1.0	N	N	7	10	10	30	N	<20	15	20	N
F136SS	2.0	N	N	15	30	20	50	N	<20	20	100	N
F137SS	2.0	N	N	15	30	15	50	N	<20	30	15	N
F138SS	2.0	N	N	15	50	10	100	N	<20	20	15	N
F139SS	2.0	N	N	15	30	15	50	N	<20	20	15	N
F140R	N	N	N	<5	N	5	N	200	20	5	N	N
F141SS	2.0	N	N	50	50	50	50	N	<20	50	20	N
F142PC	<1.0	N	N	70	30	70	150	N	<20	70	20	N
F143SS	2.0	N	N	30	20	30	70	N	<20	30	20	N
F144SS	2.0	N	N	50	50	50	70	10	<20	50	15	N
F145R	N	N	N	15	N	30	70	N	<20	5	10	N
F146SS	2.0	N	N	20	30	30	70	N	<20	30	15	N
F147SS	<1.0	N	N	10	<10	70	20	70	<20	10	N	N
F148S	<1.0	N	N	10	10	10	50	<5	<20	5	N	N
F149SS	<1.0	N	N	10	10	15	50	N	<20	15	<10	N
F150SS	1.5	N	N	7	<10	150	50	N	<20	<5	700	N
F151SS	1.0	N	N	<5	20	15	50	N	<20	5	<10	N
F152SS	1.5	N	N	5	30	10	70	N	<10	5	10	N
F153SS	1.5	N	N	7	30	20	50	N	<10	10	20	N
F154R	1.0	N	N	5	<10	<5	70	N	<20	<5	50	N
F156SS	2.0	N	N	N	70	30	<20	5	N	15	15	N
F157R	N	N	N	N	20	<5	N	<5	N	5	N	N
F158S	2.0	N	N	5	30	15	20	N	N	15	10	N
F159S	2.0	N	N	7	50	20	30	N	N	15	15	N
F160S	3.0	N	N	7	70	30	20	N	N	20	20	N
F161S	2.0	N	N	5	50	15	<20	N	N	15	15	N
F162R	N	N	N	N	N	15	N	N	N	<5	N	N
F163R	N	N	N	N	N	<5	N	N	N	<5	N	N
F165R	N	N	N	N	N	2,000	N	N	N	<5	N	N
F166R	1.0	N	N	N	10	30	N	N	N	<5	20	N
F167R	1.5	N	N	N	10	2,000	N	N	N	<5	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
F121SS	20	N	100	100	N	50	N	300	<.05	--
F122PC	5	N	100	200	N	20	N	300	<.25	.10
F123SS	10	N	100	100	N	30	N	150	<.05	--
F124SS	7	N	100	70	N	15	N	200	<.05	--
F125PC	5	N	200	200	N	20	N	300	<.17	.10
F126SS	10	N	100	100	N	20	N	300	<.05	--
F127SS	20	N	100	100	N	50	N	300	<.05	--
F128PC	5	N	100	100	N	20	N	300	<.17	.08
F129SS	10	N	100	70	N	30	N	300	<.05	--
F130SS	10	N	100	70	N	20	N	200	<.05	--
F131R	7	N	100	30	N	20	N	100	<.05	.07
F132R	5	N	300	50	N	20	N	150	<.05	.05
F133SS	10	N	100	70	N	20	N	300	<.05	--
F134SS	10	N	<100	70	N	20	N	300	<.05	--
F135SS	5	N	<100	50	N	10	N	200	<.05	--
F136SS	20	N	100	70	N	50	500	300	<.05	--
F137SS	20	N	100	100	N	50	N	300	<.05	--
F138SS	15	N	100	100	N	50	N	200	<.05	--
F139SS	20	N	100	70	N	50	N	200	<.05	--
F140R	N	N	<100	20	N	<10	N	30	<.05	.14
F141SS	20	N	100	150	N	50	N	300	<.05	--
F142PC	5	N	150	150	N	20	N	150	.58	.10
F143SS	20	N	200	150	N	50	N	300	<.05	--
F144SS	20	N	200	150	N	50	N	300	<.05	--
F145R	5	N	<100	50	N	70	N	200	.07	.18
F146SS	20	N	150	150	N	50	N	300	<.05	--
F147SS	<5	N	100	50	N	10	N	70	--	--
F148S	5	N	100	50	N	10	N	70	--	.09
F149SS	5	N	100	50	N	15	N	70	<.05	--
F150SS	<5	N	200	20	N	20	1,000	50	<.05	--
F151SS	<5	N	100	50	N	10	N	70	<.05	--
F152SS	7	N	300	150	N	30	N	700	<.05	--
F153SS	10	N	200	150	N	20	N	500	<.05	--
F154R	10	N	500	30	N	30	N	200	<.05	.02
F156SS	7	N	200	50	N	20	N	300	<.05	.02
F157R	5	N	N	30	N	10	N	150	.05	.08
F158S	7	N	<100	70	N	10	N	200	<.05	N
F159S	10	N	<100	100	N	20	N	300	<.05	N
F160S	15	N	<100	100	N	30	N	300	<.05	<.02
F161S	10	N	N	70	N	20	N	200	<.05	.12
F162R	N	N	N	N	N	10	N	70	.05	.02
F163R	N	N	N	20	N	N	N	70	.05	<.02
F165R	N	N	N	20	N	N	N	150	<.05	<.02
F166R	5	N	N	20	N	10	N	70	<.05	.08
F167R	7	N	N	20	N	10	N	100	<.05	.04

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
F168R	39 12 48	107 0 25	.50	.300	1.00	.070	200	.7	N	N	10	150
F169R	39 12 48	107 0 25	.70	.500	.07	.070	50	3.0	N	N	10	150
F171SS	38 57 33	106 54 15	2.00	1.000	.70	.500	500	N	N	N	30	500
F172SS	38 57 21	106 54 19	5.00	1.000	1.00	.500	1,000	N	N	N	50	500
F173R	38 57 13	106 54 46	10.00	.150	.70	.010	700	N	N	N	<10	N
F174R	38 57 24	106 54 39	3.00	1.000	1.00	.200	200	N	N	N	<10	300
F175R	38 57 24	106 54 34	5.00	2.000	3.00	.500	500	N	N	N	<10	1,500
F176R	38 57 38	106 54 0	1.50	5.000	2.00	.050	150	N	N	N	<10	N
F177R	38 58 1	106 54 33	3.00	2.000	1.00	.500	700	N	N	N	<10	1,000
F178R	38 57 59	106 55 5	3.00	.700	.50	.500	700	N	N	N	30	700
F179R	38 57 46	106 54 10	3.00	.150	<.05	.070	300	1.0	N	N	<10	>5,000
F180SS	38 57 26	106 53 53	5.00	.500	1.50	.500	700	N	N	N	20	1,500
F181SS	38 58 4	106 53 40	5.00	1.000	1.00	.700	700	N	N	N	10	700
F182SS	38 58 9	106 53 44	5.00	1.000	.50	.500	300	N	N	N	10	500
F183R	38 58 25	106 53 36	.50	5.000	3.00	.070	150	N	N	N	<10	150
F184R	38 58 25	106 53 36	1.00	5.000	3.00	.050	100	N	N	N	<10	150
F185R	38 58 27	106 53 36	7.00	5.000	3.00	.500	1,500	N	N	N	<10	1,500
F186SS	38 58 50	106 53 55	3.00	.500	.30	.500	500	N	N	N	20	500
F187R	38 57 11	106 53 24	.30	.200	2.00	.070	300	N	N	N	<10	N
F188R	38 58 24	106 51 53	.70	3.000	5.00	.030	300	3.0	N	N	<10	500
F189S	38 58 32	106 51 59	2.00	3.000	7.00	.200	1,500	N	N	N	20	300
F190R	38 59 0	106 51 16	1.00	.500	.50	.150	300	20.0	N	N	<10	700
F191R	38 59 4	106 51 17	1.50	.500	1.00	.150	200	N	N	N	<10	2,000
F192S	39 16 12	107 12 27	2.00	.300	.50	.300	500	N	N	N	20	500
F193S	39 15 59	107 12 35	2.00	.300	.50	.300	300	N	N	N	30	500
F194R	39 17 13	107 10 52	3.00	1.000	2.00	.300	300	N	N	N	<10	1,000
F195R	39 14 41	107 11 38	5.00	1.500	2.00	.300	700	N	N	N	<10	2,000
F196R	39 14 43	107 11 37	3.00	1.000	2.00	.200	500	N	N	N	<10	2,000
F197R	39 14 47	107 11 41	5.00	1.000	2.00	.300	500	N	N	N	<10	1,500
F198R	39 14 49	107 11 39	3.00	1.000	2.00	.200	500	N	N	N	<10	2,000
F199R	39 14 29	107 11 15	3.00	1.500	2.00	.200	700	N	N	N	<10	1,500
F200R	39 14 26	107 10 49	1.50	1.500	3.00	.200	700	N	N	N	<10	2,000
F201R	39 14 26	107 10 46	1.50	.300	3.00	.200	200	N	N	N	<10	300
F202R	39 14 28	107 10 42	1.00	.150	2.00	.300	200	N	N	N	<10	700
F203SS	39 9 56	106 56 22	3.00	.700	.15	.500	200	N	N	N	50	500
F204SS	39 9 23	106 57 7	3.00	.500	.10	.300	200	N	N	N	30	300
F205R	39 9 23	106 57 7	.30	.070	<.05	.100	30	N	N	N	<10	100
F206S	39 3 45	106 48 47	3.00	1.000	.30	.300	300	N	N	N	15	700
F207S	39 3 47	106 49 17	5.00	1.000	.50	.500	300	N	N	N	10	700
F208S	39 3 43	106 49 37	5.00	.300	.30	.500	200	N	N	N	<10	300
F209R	39 3 47	106 49 40	2.00	1.000	2.00	.300	300	N	N	N	<10	1,000
F210S	39 3 57	106 49 40	5.00	.500	.30	.500	200	N	N	N	30	500
F211S	39 4 14	106 49 33	1.50	.200	.20	.300	150	N	N	N	20	300
F212S	39 4 21	106 49 16	2.00	.300	.15	.500	700	N	N	N	15	500
F213R	39 4 23	106 49 6	2.00	1.500	3.00	.500	300	N	N	N	10	200

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
F168R	1.0	N	N	N	<10	70	N	N	N	<5	70	N
F169R	1.5	N	N	N	<10	200	20	N	N	<5	15	N
F171SS	2.0	N	N	<5	50	15	30	N	N	15	70	N
F172SS	3.0	N	N	5	30	10	70	N	N	10	200	N
F173R	2.0	N	N	50	N	30	30	N	N	<5	200	N
F174R	1.0	N	N	<5	10	N	50	N	N	5	<10	N
F175R	1.0	N	N	5	10	<5	70	N	N	5	10	N
F176R	1.0	N	N	10	20	20	N	N	N	<5	N	N
F177R	2.0	N	N	7	10	7	50	N	N	10	20	N
F178R	5.0	N	N	5	20	10	50	N	N	10	30	N
F179R	N	N	N	<5	N	5,000	N	N	N	<5	N	N
F180SS	1.5	N	N	50	N	7	50	N	N	10	15	N
F181SS	1.5	N	N	5	10	15	70	N	N	7	15	N
F182SS	1.5	N	N	<5	30	15	70	N	N	10	20	N
F183R	N	N	N	7	20	15	N	N	N	<5	N	N
F184R	1.0	N	N	<5	50	30	N	7	N	<5	N	N
F185R	1.0	N	N	10	20	7	50	N	N	7	10	N
F186SS	1.5	N	N	5	20	10	50	N	N	10	20	N
F187R	N	N	N	N	10	<5	N	N	N	<5	N	N
F188R	N	N	N	N	N	20	N	5	N	<5	30	N
F189S	1.5	N	N	5	50	30	30	10	N	15	<10	N
F190R	1.0	N	<20	<5	N	1,000	20	N	N	<5	700	<100
F191R	2.0	N	N	<5	N	<5	50	N	N	5	N	N
F192S	2.0	N	N	<5	50	15	20	N	N	10	15	N
F193S	1.5	N	N	5	50	15	30	N	N	15	20	N
F194R	1.0	N	N	7	<10	5	50	N	N	5	<10	N
F195R	2.0	N	N	10	N	<5	70	N	N	5	N	N
F196R	1.0	N	N	5	10	<5	50	N	N	5	10	N
F197R	1.5	N	N	5	N	<5	50	N	N	5	10	N
F198R	1.5	N	N	<5	<10	<5	150	N	N	5	15	N
F199R	1.5	N	N	5	N	<5	20	N	N	5	10	N
F200R	1.5	N	N	<5	N	<5	30	N	N	5	<10	N
F201R	2.0	N	N	<5	N	15	20	N	N	5	N	N
F202R	<1.0	N	N	20	N	7	30	N	N	5	30	N
F203SS	1.0	N	N	<5	50	15	20	N	N	15	15	N
F204SS	1.0	N	N	N	70	10	20	N	N	15	15	N
F205R	1.0	N	N	5	20	15	20	N	N	5	15	N
F206S	1.0	N	N	5	70	20	30	N	N	15	10	N
F207S	1.0	N	N	5	50	20	30	N	N	15	10	N
F208S	1.0	N	N	<5	30	20	50	N	N	5	<10	N
F209R	1.5	N	N	<5	N	<5	30	N	N	<5	N	N
F210S	1.0	N	N	5	50	30	30	N	N	10	15	N
F211S	1.0	N	N	N	30	10	<20	N	N	10	<10	N
F212S	1.0	N	N	<5	70	20	20	N	N	10	<10	N
F213R	2.0	N	N	<5	N	<5	50	N	N	<5	N	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
F168R	<5	N	N	20	N	10	N	100	<.05	.04
F169R	5	N	N	20	N	10	N	100	.05	.02
F171SS	10	N	100	70	N	20	200	300	<.05	N
F172SS	15	N	100	70	N	50	700	300	<.05	.18
F173R	N	N	N	20	N	N	700	N	<.05	<.02
F174R	15	N	200	70	N	20	N	100	<.05	.02
F175R	15	N	1,000	100	N	50	N	200	<.05	.02
F176R	5	N	N	30	N	10	N	100	.05	N
F177R	15	N	300	100	N	30	N	150	<.05	.02
F178R	15	N	150	70	N	30	200	300	<.05	.06
F179R	10	N	1,500	30	N	10	N	50	.05	N
F180SS	15	N	100	100	N	30	N	200	<.05	.02
F181SS	20	N	150	150	N	50	N	300	<.05	N
F182SS	15	N	100	100	N	30	N	300	<.05	.14
F183R	5	N	N	30	N	10	N	50	<.05	<.02
F184R	5	N	200	30	N	10	N	70	.05	N
F185R	15	N	700	200	N	30	N	150	<.05	.02
F185SS	15	N	N	100	N	30	N	150	<.05	.08
F187R	N	N	N	20	N	<10	N	70	.05	N
F188R	N	N	100	10	N	10	N	20	.05	<.02
F189S	10	N	100	70	N	20	N	100	<.05	.15
F190R	7	N	<100	70	N	15	700	70	.30	.06
F191R	<5	N	700	20	N	10	N	100	<.05	.02
F192S	10	N	150	50	N	15	N	200	<.05	.06
F193S	15	N	100	70	N	20	N	700	<.05	.08
F194R	15	N	1,000	100	N	30	N	300	<.05	<.02
F195R	10	N	200	100	N	30	N	150	<.05	<.02
F196R	10	N	700	50	N	30	N	100	<.05	<.02
F197R	10	N	700	100	N	30	N	150	<.05	.02
F198R	7	N	1,000	70	N	20	N	100	<.05	.02
F199R	10	N	500	70	N	15	N	100	<.05	.02
F200R	10	N	500	50	N	10	N	70	<.05	.02
F201R	10	N	200	50	N	20	N	100	<.05	.04
F202R	10	N	100	70	N	20	N	100	<.05	.06
F203SS	10	N	<100	70	N	30	N	1,000	<.05	<.02
F204SS	7	N	<100	50	N	20	N	500	<.05	N
F205R	5	N	N	30	N	10	N	200	.05	.06
F206S	10	N	100	100	N	15	N	300	<.05	.06
F207S	10	N	150	150	N	20	N	300	<.05	.02
F208S	15	N	100	70	N	20	N	300	<.05	N
F209R	10	N	700	50	N	10	N	70	<.05	.02
F210S	15	N	150	150	N	15	N	300	<.10	N
F211S	5	N	<100	30	N	10	N	500	<.10	.02
F212S	7	N	100	70	N	20	N	500	<.05	N
F213R	15	N	100	100	N	30	N	100	<.05	.02

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
F214S	39 4 36	106 49 4	3.00	.300	.20	.300	300	N	N	N	15	1,000
F215S	39 4 21	106 48 53	3.00	.500	.50	.500	1,000	N	N	N	20	1,000
F216S	39 6 32	106 50 55	5.00	.700	.50	.500	700	N	N	N	20	700
F217S	39 6 8	106 50 47	5.00	1.000	.30	.500	300	N	N	N	20	500
F218S	39 5 49	106 50 38	1.50	.100	.07	.300	30	N	N	N	10	300
F219S	39 5 28	106 50 32	2.00	.300	.20	.300	100	N	N	N	10	500
F220S	39 5 8	106 50 27	3.00	.500	.20	.500	200	N	N	N	10	700
F221S	39 4 50	106 50 42	2.00	.300	.20	.500	100	N	N	N	<10	300
F222R	39 4 33	106 50 34	1.00	.300	2.00	.150	200	10.0	N	N	<10	150
F223S	39 4 38	106 50 26	2.00	.500	.20	.300	200	N	N	N	20	300
F224S	39 4 43	106 50 8	2.00	.700	.30	.500	1,500	N	N	N	20	500
F225S	39 4 51	106 49 48	3.00	1.500	.30	.500	300	N	N	N	20	500
F226S	39 5 3	106 49 34	3.00	1.000	.50	.700	500	N	N	N	20	700
F227R	39 12 31	107 7 3	1.50	5.000	5.00	.030	3,000	1.0	N	N	<10	100
F228SS	39 12 41	107 6 49	5.00	1.000	.30	.700	700	N	N	N	10	1,000
F229SS	39 12 36	107 6 37	5.00	.700	.20	.700	700	N	N	N	30	700
F230S	39 2 13	106 49 38	2.00	1.500	.50	.500	1,000	N	N	N	30	300
F231R	39 1 40	106 50 20	2.00	.150	.20	.100	100	N	N	N	<10	N
F232SS	39 1 35	106 50 26	5.00	1.000	.50	.500	1,000	15.0	N	N	20	700
F233SS	39 1 35	106 50 30	7.00	1.500	.50	.500	1,500	15.0	N	N	20	700
F234PC	39 2 19	106 49 9	5.00	2.000	3.00	.300	700	N	N	N	<10	>5,000
F235SS	39 2 20	106 49 6	7.00	2.000	1.00	.500	1,000	N	N	N	50	1,500
F236R	39 11 12	107 2 40	1.00	10.000	10.00	.100	500	N	N	N	10	300
F238R	39 10 11	107 1 39	3.00	1.500	2.00	.500	1,000	150.0	N	N	10	500
F239R	38 58 30	106 55 15	3.00	5.000	5.00	.150	700	N	N	N	<10	200
F240R	38 58 29	106 55 9	10.00	2.000	2.00	.100	1,000	N	N	N	<10	300
F241S	38 58 26	106 54 46	3.00	.500	.70	.300	700	N	N	N	<10	300
F242R	38 58 37	106 54 36	3.00	1.000	7.00	.200	1,000	N	N	N	<10	150
F243R	38 58 41	106 54 23	10.00	5.000	1.00	.200	500	N	N	N	<10	200
F244R	38 58 52	106 52 52	2.00	1.000	2.00	.200	200	N	N	N	<10	200
F245R	38 58 58	106 52 59	3.00	.200	.50	.200	300	N	N	N	<10	700
F246R	38 59 8	106 53 9	1.50	.700	20.00	.020	2,000	N	N	N	<10	100
F247R	38 59 12	106 53 24	2.00	.300	.50	.200	100	3.0	1,000	N	<10	70
F248R	38 59 12	106 53 24	3.00	.500	.50	.200	300	N	N	N	<10	700
F249R	38 59 12	106 53 30	10.00	2.000	3.00	.007	5,000	20.0	700	N	<10	>5,000
F250R	38 59 14	106 54 56	1.00	.500	.70	.150	150	N	N	N	<10	1,000
F251R	38 59 19	106 54 50	3.00	3.000	5.00	.200	1,000	N	N	N	<10	300
F252R	38 59 25	106 54 52	10.00	3.000	5.00	.150	300	10.0	500	N	<10	5,000
F253R	38 59 39	106 54 25	2.00	.300	1.50	.030	1,000	15.0	5,000	N	<10	70
F254R	38 59 39	106 54 25	1.00	1.000	2.00	.150	200	N	N	N	<10	<20
F255R	38 59 52	106 54 33	2.00	2.000	7.00	.100	2,000	N	N	N	<10	100
F256R	38 58 48	106 50 3	2.00	.100	3.00	.100	1,000	N	N	N	<10	100
F257R	38 58 32	106 49 52	3.00	2.000	1.50	.200	200	N	N	N	<10	300
F258R	38 59 38	106 54 7	5.00	1.500	2.00	.020	1,000	1.0	N	N	<10	20
F259R	38 59 46	106 54 19	5.00	2.000	3.00	.070	1,500	2.0	N	N	<10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
F214S	1.0	N	N	<5	30	20	20	N	N	10	50	N
F215S	1.5	N	N	5	70	30	20	N	N	15	20	N
F216S	1.5	N	N	5	70	20	20	N	N	15	20	N
F217S	1.5	N	N	5	70	20	30	N	N	15	15	N
F218S	1.0	N	N	N	50	7	N	N	N	7	N	N
F219S	1.0	N	N	<5	70	7	N	N	N	10	10	N
F220S	1.5	N	N	<5	70	7	50	N	N	15	10	N
F221S	<1.0	N	N	<5	70	5	<20	N	N	7	<10	N
F222R	1.0	N	N	5	30	30	20	N	N	5	70	N
F223S	1.0	N	N	5	70	15	30	N	N	15	10	N
F224S	1.0	N	N	5	70	20	20	N	N	10	10	N
F225S	<1.0	N	N	5	70	20	50	N	N	15	20	N
F226S	1.0	N	N	5	70	30	30	N	N	15	15	N
F227R	N	N	N	20	10	3,000	200	N	N	5	10	N
F228SS	2.0	N	N	7	70	10	30	N	N	15	15	N
F229SS	2.0	N	N	7	100	15	20	N	N	20	20	N
F230S	1.5	N	N	5	50	30	30	N	N	15	20	N
F231R	N	N	N	<5	30	10	N	N	N	5	30	N
F232SS	3.0	N	<20	5	100	200	20	N	N	20	1,500	N
F233SS	3.0	N	<20	10	150	300	50	N	N	20	2,000	N
F234PC	1.5	N	N	10	100	20	50	N	N	20	20	N
F235SS	3.0	N	N	10	150	30	70	N	N	20	50	N
F236R	N	N	N	<5	20	7	20	5	N	5	N	N
F238R	1.5	N	N	10	70	>20,000	50	7	<20	30	50	N
F239R	1.0	N	N	<5	30	7	<20	N	N	7	N	N
F240R	2.0	N	N	70	30	30	N	N	N	50	<10	N
F241S	1.5	N	N	5	50	30	20	N	N	5	100	N
F242R	<1.0	N	N	N	N	30	30	N	N	<5	N	N
F243R	1.0	N	N	70	50	200	<20	N	N	20	10	N
F244R	1.0	N	N	<5	N	<5	20	N	N	<5	N	N
F245R	1.0	N	N	N	N	5	N	N	N	<5	N	N
F246R	N	N	N	N	N	<5	<20	15	N	N	N	N
F247R	1.0	N	N	5	30	10	20	N	N	5	20	N
F248R	1.5	N	N	5	N	<5	30	N	N	5	N	N
F249R	N	<10	20	<5	10	5,000	N	10	N	<5	700	200
F250R	1.0	N	N	N	N	<5	20	N	N	<5	N	N
F251R	2.0	N	N	5	150	150	20	N	N	20	15	N
F252R	1.0	N	N	10	50	5,000	150	N	N	30	700	N
F253R	<1.0	N	N	10	N	30	N	15	N	10	150	N
F254R	<1.0	N	N	N	N	<5	70	N	N	5	20	N
F255R	N	N	N	10	30	15	N	N	N	7	10	N
F256R	<1.0	N	<20	<5	30	<5	30	N	N	7	70	N
F257R	1.0	N	N	7	N	50	20	N	N	<5	50	N
F258R	N	N	N	70	20	20	<20	10	N	15	100	N
F259R	N	N	N	70	20	30	N	5	N	20	150	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
F214S	7	N	100	100	N	20	N	300	<.05	.02
F215S	10	N	150	100	N	20	N	500	<.05	.02
F216S	10	N	150	70	N	20	N	500	<.05	N
F217S	15	N	100	100	N	20	N	500	<.05	<.02
F218S	N	N	<100	30	N	N	N	500	<.05	N
F219S	5	N	100	70	N	<10	N	200	<.05	<.02
F220S	7	N	100	100	N	20	N	700	<.05	<.02
F221S	7	N	<100	70	N	10	N	700	<.05	<.02
F222R	7	N	<100	30	N	15	N	100	.40	.04
F223S	10	N	<100	70	N	20	N	300	<.20	<.02
F224S	10	N	100	100	N	20	N	500	<.20	N
F225S	10	N	150	100	N	20	N	500	<.05	.02
F226S	15	N	200	100	N	20	N	500	<.05	.10
F227R	N	15	N	50	N	50	N	N	.05	.02
F228SS	15	N	<100	100	N	50	N	1,000	<.05	N
F229SS	15	N	<100	150	N	30	N	>1,000	<.05	N
F230S	10	N	100	70	N	30	N	500	<.05	<.02
F231R	5	N	N	30	N	10	N	150	.10	<.02
F232SS	15	N	100	100	N	50	700	500	.05	.20
F233SS	15	N	100	150	N	50	700	300	.05	.14
F234PC	10	N	500	150	N	20	N	200	.05	.02
F235SS	15	N	150	150	N	50	N	300	<.05	.06
F236R	5	N	<100	20	N	15	N	150	<.05	.10
F238R	10	<10	150	500	N	20	N	300	<.05	<.02
F239R	7	N	<100	70	N	15	N	100	.10	.02
F240R	5	N	<100	50	N	15	N	70	<.05	.02
F241S	15	N	N	70	N	30	500	500	<.05	.12
F242R	7	N	<100	30	N	20	N	70	.10	.08
F243R	10	N	<100	200	N	10	N	50	<.05	N
F244R	10	N	100	100	N	10	N	100	<.05	.04
F245R	<5	N	<100	30	N	N	N	50	<.05	.02
F246R	N	N	<100	10	N	10	N	15	<.05	.02
F247R	7	N	N	30	N	20	500	150	.40	.06
F248R	<5	N	<100	70	N	<10	N	150	<.05	<.02
F249R	<5	N	300	20	N	<10	1,500	N	.10	.84
F250R	<5	N	500	30	N	10	N	70	<.05	<.02
F251R	15	N	200	70	N	20	N	20	<.05	.02
F252R	7	N	150	30	N	20	700	30	.05	.24
F253R	N	N	N	20	N	20	200	15	.60	.02
F254R	5	N	N	30	N	10	N	100	<.05	.02
F255R	7	N	<100	30	N	10	N	20	.05	.02
F256R	7	N	<100	30	N	20	700	70	.05	.06
F257R	10	N	200	70	N	20	N	100	<.05	<.02
F258R	7	N	N	20	N	15	500	N	.05	<.02
F259R	10	N	N	30	N	30	500	<10	.05	.02

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
F260R	38 59 55	106 53 57	5.00	2.000	3.00	.100	700	7.0	N	N	<10	5,000
F261R	39 0 0	106 53 55	1.00	.070	.15	.070	50	N	N	N	<10	1,500
F262R	39 8 49	107 4 36	2.00	.500	2.00	.150	500	N	N	N	<10	1,000
F263R	39 11 11	107 3 56	3.00	1.000	1.00	.200	300	N	N	N	<10	1,000
F264R	39 10 39	107 3 30	2.00	.200	3.00	.070	700	N	N	N	<10	150
F265R	39 10 25	107 3 50	3.00	.050	.20	.200	50	N	N	N	<10	200
F267R	39 10 17	107 3 31	2.00	1.000	10.00	.150	1,000	N	N	N	50	300
F268R	39 10 30	107 6 24	.30	.700	1.00	.070	150	N	N	N	10	200
F269R	39 9 20	107 5 57	1.00	.150	.30	.100	100	N	N	N	<10	1,000
F270R	39 9 6	107 5 41	3.00	.700	1.00	.200	200	N	N	N	<10	1,000
F271R	39 8 57	107 5 33	20.00	.300	20.00	.020	700	N	N	N	N	N
F272R	39 9 49	107 4 51	2.00	.500	1.50	.150	300	N	N	N	<10	700
F273SS	39 5 49	107 1 53	1.50	.500	.20	.200	300	.7	N	N	15	300
F274R	39 5 44	107 1 49	2.00	2.000	3.00	.200	1,000	N	N	N	<10	700
F275R	39 5 15	107 0 49	5.00	5.000	5.00	.200	1,000	N	N	N	<10	1,000
F277SS	39 4 59	106 59 57	2.00	.700	.30	.300	200	N	N	N	15	300
F278R	39 8 12	107 10 56	7.00	.700	7.00	.500	2,000	N	N	N	10	500
F279R	39 8 12	107 11 4	10.00	.100	.20	.500	300	5.0	N	N	<10	200
F280R	39 8 12	107 11 4	5.00	1.000	10.00	.500	1,000	<.5	N	N	20	1,500
F281R	39 9 18	107 0 57	3.00	1.000	2.00	.300	500	<.5	N	N	10	2,000
F282R	39 4 9	106 50 20	20.00	.300	2.00	.100	>5,000	7.0	N	N	10	>5,000
F283R	39 4 19	106 50 42	5.00	.200	.50	.700	1,500	.5	N	N	20	500
F284R	39 4 14	106 50 46	7.00	.700	1.50	.500	200	1.0	N	N	<10	500
F285R	39 3 55	106 50 50	20.00	.500	.15	.300	>5,000	50.0	N	N	20	2,000
F286R	39 3 54	106 51 5	15.00	.700	.70	.300	500	1.0	N	N	<10	500
F287R	39 3 47	106 51 2	10.00	2.000	2.00	.500	300	7.0	N	N	<10	500
F288R	39 4 29	106 56 44	2.00	.070	.05	.200	30	1.5	N	N	10	20
S002SS	39 13 23	107 11 43	3.00	1.500	7.00	.300	500	N	N	N	30	500
S004SS	39 13 11	107 11 26	7.00	2.000	2.00	.500	700	N	N	N	70	700
S005SS	39 12 35	107 10 28	10.00	1.500	.50	.700	700	N	N	N	10	700
S006SS	39 12 38	107 10 51	2.00	.700	5.00	.150	300	N	N	N	<10	500
S007PC	39 14 3	107 12 7	>20.00	.200	.30	.500	700	N	N	N	N	500
S008SS	39 14 12	107 2 34	3.00	.700	3.00	.300	500	N	N	N	70	300
S009PC	39 8 28	107 5 51	20.00	.700	3.00	.700	2,000	N	N	N	N	300
S010SS	39 8 19	107 5 37	3.00	.700	2.00	.300	700	N	N	N	<10	700
S011SS	39 8 13	107 5 46	3.00	1.000	1.50	.300	700	N	N	N	15	300
S012SS	39 8 53	107 6 8	5.00	.700	1.50	.300	300	N	N	N	<10	300
S013SS	39 9 3	107 6 21	5.00	.700	1.50	.300	700	N	N	N	<10	300
S014SS	39 9 7	107 6 33	3.00	.500	1.50	.300	200	N	N	N	<10	500
S015SS	39 9 8	107 6 44	5.00	1.500	3.00	.300	700	N	N	N	30	500
S016PC	39 8 54	107 7 7	15.00	.700	1.00	.500	500	N	N	N	<10	700
S017PC	39 8 53	107 7 7	>20.00	.200	1.00	.500	500	N	N	N	N	200
S018SS	39 8 54	107 7 7	7.00	.700	1.50	.300	700	N	N	N	15	500
S019SS	39 8 53	107 7 7	5.00	.700	1.50	.300	300	N	N	N	10	300
S020SS	39 9 7	107 7 53	5.00	.700	1.50	.300	500	N	N	N	<10	300

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
F260R	1.0	N	30	<5	20	1,000	N	N	N	10	1,000	<100
F261R	2.0	N	N	N	N	50	<20	N	N	<5	N	N
F262R	1.0	N	N	N	N	<5	30	N	N	<5	10	N
F263R	2.0	N	N	5	N	7	20	N	N	<5	10	N
F264R	1.5	N	N	N	N	10	<20	5	N	<5	N	N
F265R	1.0	N	N	7	N	1,000	N	20	N	<5	N	N
F267R	<1.0	N	N	5	70	10	20	10	N	15	10	N
F268R	<1.0	N	N	N	20	<5	<20	N	N	<5	N	N
F269R	N	N	N	N	N	N	70	N	N	<5	N	N
F270R	N	N	N	5	20	100	N	5	N	<5	N	N
F271R	N	N	N	70	10	500	N	N	N	10	N	N
F272R	<1.0	N	N	N	N	<5	50	N	N	<5	N	N
F273SS	2.0	N	N	<5	50	7	20	N	N	10	20	N
F274R	1.5	N	N	5	70	30	20	N	N	15	15	N
F275R	1.0	N	N	30	100	70	<20	N	N	15	20	N
F277SS	2.0	N	N	5	50	10	30	N	N	15	20	N
F278R	1.0	N	N	20	<10	5	50	N	N	7	<10	N
F279R	N	N	N	50	<10	150	N	5	<10	5	200	N
F280R	<1.0	N	N	15	70	30	70	N	<10	50	50	N
F281R	1.5	<10	N	7	<10	150	50	N	<10	<5	20	N
F282R	N	10	N	15	15	500	N	N	N	20	20	N
F283R	<1.0	N	N	20	20	30	70	N	<10	30	10	N
F284R	<1.0	<10	N	10	10	15	70	<5	<10	10	20	N
F285R	1.0	30	<20	100	50	300	20	N	<10	50	10	300
F286R	1.0	N	N	15	10	200	70	30	<10	5	10	N
F287R	1.0	20	N	10	20	50	70	N	N	10	1,500	<100
F288R	<1.0	10	N	15	30	100	100	N	<20	5	10	N
S002SS	2.0	N	N	10	30	5	20	N	<20	15	15	N
S004SS	3.0	N	N	15	50	15	30	N	20	15	15	N
S005SS	3.0	N	N	15	50	15	30	N	30	15	20	N
S006SS	1.0	N	N	10	N	N	30	N	<20	5	10	N
S007PC	2.0	N	N	70	300	<5	20	N	N	20	50	N
S008SS	2.0	N	N	10	20	15	30	N	20	20	15	N
S009PC	1.5	N	N	20	50	15	200	N	N	10	10	N
S010SS	2.0	N	N	10	N	7	20	N	<20	7	15	N
S011SS	2.0	N	N	10	N	15	30	N	<20	10	10	N
S012SS	2.0	N	N	10	N	15	30	N	<20	10	15	N
S013SS	2.0	N	N	5	N	<5	30	N	20	<5	10	N
S014SS	2.0	N	N	5	N	<5	50	N	<20	N	10	N
S015SS	3.0	N	N	15	N	15	50	N	20	10	15	N
S016PC	1.0	N	N	15	30	10	150	N	N	N	10	N
S017PC	N	N	N	30	70	20	150	N	N	10	N	N
S018SS	2.0	N	N	15	N	15	30	100	20	10	15	N
S019SS	3.0	N	N	15	N	15	30	N	20	10	15	N
S020SS	2.0	N	N	5	N	N	30	N	30	N	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
F260R	7	N	<100	30	N	15	3,000	70	.05	1.80
F261R	N	N	N	30	N	<10	N	150	<.05	<.02
F262R	5	N	700	50	N	10	N	70	<.05	N
F263R	7	N	500	70	N	10	N	70	<.05	<.02
F264R	<5	N	100	20	N	20	N	50	<.05	N
F265R	5	N	300	30	N	N	N	100	.10	<.02
F267R	7	N	100	30	N	20	N	70	<.05	N
F268R	<5	N	100	15	N	10	N	70	<.05	N
F269R	<5	N	200	30	N	20	N	50	<.05	N
F270R	7	N	200	30	N	15	N	100	<.05	N
F271R	N	N	<100	30	N	N	N	N	<.05	N
F272R	10	N	700	30	N	20	N	50	<.05	<.02
F273SS	5	N	<100	50	N	20	N	150	<.05	<.02
F274R	10	N	150	30	N	20	N	100	<.05	N
F275R	20	N	700	200	N	20	N	50	<.05	N
F277SS	10	N	<100	70	N	20	N	150	<.40	.10
F278R	15	N	200	150	N	30	N	150	<.05	N
F279R	10	N	100	100	N	20	300	300	<.05	.12
F280R	10	N	300	100	N	50	300	300	<.05	N
F281R	5	N	1,000	100	N	10	N	200	<.05	N
F282R	10	<10	700	50	N	20	<200	50	<.05	.08
F283R	10	N	<100	150	N	20	N	300	<.05	N
F284R	10	N	500	150	N	15	N	200	<.05	.04
F285R	15	<10	<100	100	<50	20	N	150	.15	.28
F286R	10	N	300	200	N	15	N	200	<.05	.02
F287R	10	N	300	150	N	30	N	200	<.05	N
F288R	<5	N	N	50	N	50	N	300	.12	<.02
S002SS	7	N	<100	50	N	20	N	200	<.05	--
S004SS	10	N	100	100	N	30	N	200	<.05	--
S005SS	10	N	<100	100	N	30	N	700	<.05	--
S006SS	<5	N	<100	20	N	10	N	150	<.05	--
S007PC	5	N	N	1,000	N	70	N	1,000	<.05	N
S008SS	5	N	<100	150	N	15	N	150	<.05	--
S009PC	5	N	300	200	N	70	200	150	<.36	<.02
S010SS	5	N	700	50	N	15	N	150	<.05	--
S011SS	7	N	200	50	N	20	N	150	<.05	--
S012SS	10	N	200	70	N	20	N	150	<.05	--
S013SS	10	N	150	50	N	20	N	150	<.05	--
S014SS	10	N	200	50	N	30	N	150	<.05	--
S015SS	10	N	150	70	N	20	N	200	<.05	--
S016PC	5	N	200	200	N	30	N	500	<.17	.02
S017PC	10	N	N	700	N	100	N	700	<.28	.02
S018SS	10	N	200	100	N	30	N	200	<.05	--
S019SS	10	N	200	70	N	20	N	150	<.05	--
S020SS	10	N	200	70	N	20	N	150	<.05	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
S021PC	39 9 7	107 7 53	>20.00	.300	1.00	.300	500	N	N	N	N	500
S022SS	39 9 32	107 8 12	5.00	3.000	2.00	.300	700	N	N	N	70	500
S023SS	39 12 50	107 4 24	3.00	1.500	1.50	.300	1,000	N	N	N	30	700
S024SS	39 12 56	107 3 50	3.00	1.000	.70	.200	500	N	N	N	20	700
S025R	39 14 56	107 8 52	7.00	.700	15.00	.100	150	N	N	N	N	30
S026R	39 14 56	107 8 52	15.00	3.000	>20.00	.100	1,000	N	N	N	N	30
S027SS	39 15 27	107 8 0	3.00	.500	1.00	.300	200	N	N	N	10	500
S028PC	39 9 5	107 1 24	10.00	.700	3.00	1.000	500	N	N	N	<10	500
S029SS	39 9 5	107 1 25	3.00	.700	1.50	.200	500	N	N	N	10	300
S030R	39 9 6	107 1 26	3.00	2.000	5.00	.100	1,000	<.5	N	N	<10	500
S031SS	39 13 45	107 0 22	3.00	1.500	1.50	.200	200	N	N	N	50	300
S032SS	39 13 12	107 1 23	3.00	.700	.70	.150	500	N	N	N	70	300
S033SS	39 11 29	107 10 40	3.00	1.500	.30	.150	700	N	N	N	10	700
S034SS	39 11 20	107 10 41	5.00	1.500	.70	.200	700	N	N	N	10	1,000
S035R	39 11 26	107 10 30	2.00	3.000	7.00	.200	700	N	N	N	15	300
S036R	39 12 36	107 10 33	>20.00	.150	.20	.700	1,000	N	N	N	N	700
S037SS	39 7 25	107 13 35	3.00	.700	1.50	.300	700	N	N	N	50	300
S038PC	39 7 25	107 13 35	>20.00	.200	.70	1.000	500	N	N	N	N	5,000
S039SS	39 8 1	107 12 42	5.00	1.500	.70	.300	700	N	N	N	30	700
S040SS	39 7 59	107 12 30	7.00	1.500	1.50	.700	700	N	N	N	20	700
S041SS	39 7 56	107 12 14	3.00	1.500	1.50	.700	700	N	N	N	30	500
S042SS	39 7 37	107 11 36	3.00	.700	.70	.700	700	N	N	N	50	300
S043SS	39 7 32	107 11 27	7.00	.700	.70	.500	2,000	N	N	N	20	300
S044SS	39 7 48	107 11 34	5.00	1.000	1.50	.500	1,500	N	N	N	70	200
S045R	39 7 47	107 11 33	7.00	2.000	15.00	.150	3,000	N	N	N	15	200
S046SS	39 7 47	107 11 56	5.00	1.000	.30	.500	700	N	N	N	30	500
S047SS	39 5 15	107 11 5	3.00	.700	1.50	.200	300	N	N	N	10	200
S048SS	39 5 17	107 11 5	3.00	.700	1.50	.300	500	N	N	N	10	300
S049SS	39 5 41	107 10 51	5.00	.700	1.50	.300	700	N	N	N	10	500
S050SS	39 6 15	107 10 39	5.00	1.500	1.50	.300	1,000	N	N	N	10	300
S051SS	39 6 23	107 10 32	5.00	.700	1.00	.300	1,500	N	N	N	<10	500
S052SS	39 6 33	107 10 9	5.00	1.500	.70	.300	2,000	N	N	N	20	500
S053SS	39 6 42	107 9 30	5.00	1.000	.70	.200	700	N	N	N	20	300
S054SS	39 6 43	107 9 30	5.00	1.000	1.00	.200	1,000	N	N	N	10	300
S055SS	39 6 8	107 8 22	5.00	1.500	1.00	.200	1,500	N	N	N	10	300
S056SS	39 6 8	107 8 22	3.00	.700	1.00	.200	500	N	N	N	10	300
S057SS	39 16 14	107 8 37	1.50	.700	.70	.200	150	N	N	N	10	300
S058SS	39 17 20	107 12 10	7.00	1.000	.70	.500	700	N	N	N	10	500
S059SS	39 10 17	106 59 6	3.00	1.000	.70	.500	700	N	N	N	20	500
S060SS	39 9 52	106 59 4	3.00	.700	.70	.300	300	N	N	N	10	300
S061SS	39 8 43	106 58 53	3.00	.700	.30	.300	500	N	N	N	10	300
S062SS	39 13 14	107 2 57	1.50	2.000	1.00	.200	1,000	N	N	N	70	300
S063SS	39 13 36	107 3 13	2.00	.700	.50	.200	200	N	N	N	15	300
S064SS	39 13 0	107 8 43	3.00	.700	.30	.300	700	N	N	N	10	500
S065SS	39 13 3	107 8 44	15.00	.700	.30	.500	1,000	N	N	N	<10	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
S021PC	1.0	N	N	20	20	7	150	N	N	10	N	N
S022SS	3.0	N	N	15	70	15	50	N	30	20	50	N
S023SS	3.0	N	N	15	30	15	30	N	20	15	20	N
S024SS	1.5	N	N	N	N	15	30	N	N	10	15	N
S025R	1.0	N	N	20	N	15	20	N	N	30	N	N
S026R	1.5	N	N	30	20	200	<20	N	N	30	10	N
S027SS	2.0	N	N	5	30	10	30	N	20	10	15	N
S028PC	2.0	N	N	5	20	<5	100	N	N	7	10	N
S029SS	2.0	N	N	10	N	15	20	N	20	10	15	N
S030R	1.0	N	N	10	10	5	<20	N	<20	20	50	N
S031SS	3.0	N	N	10	50	15	20	N	N	20	15	N
S032SS	3.0	N	N	15	70	20	30	N	20	30	20	N
S033SS	3.0	N	N	15	50	15	50	N	N	15	20	N
S034SS	3.0	N	N	15	50	15	30	N	N	15	20	N
S035R	2.0	N	N	5	50	10	30	N	N	15	<10	N
S036R	1.5	N	N	70	200	<5	20	N	N	15	50	N
S037SS	3.0	N	N	15	30	15	20	N	N	15	30	N
S038PC	2.0	N	N	70	200	20	500	N	N	15	50	N
S039SS	3.0	N	N	15	50	10	30	N	N	15	15	N
S040SS	3.0	N	N	15	70	10	20	N	N	15	20	N
S041SS	3.0	N	N	15	50	15	30	N	N	15	20	N
S042SS	3.0	N	N	15	50	20	20	N	N	30	150	N
S043SS	3.0	N	N	15	20	15	20	N	N	10	20	N
S044SS	3.0	N	N	15	30	20	30	N	N	20	150	N
S045R	1.0	N	N	10	30	20	50	N	N	15	30	N
S046SS	3.0	N	N	15	70	15	30	N	N	15	15	N
S047SS	1.5	N	N	10	N	15	20	N	N	7	10	N
S048SS	2.0	N	N	10	30	15	20	N	N	15	15	N
S049SS	2.0	N	N	15	N	15	20	N	N	15	10	N
S050SS	2.0	N	N	15	N	10	30	N	N	10	15	N
S051SS	2.0	N	N	15	N	10	30	N	N	10	15	N
S052SS	3.0	N	N	15	N	15	30	N	N	10	15	N
S053SS	2.0	N	N	15	N	15	30	N	N	10	20	N
S054SS	1.5	N	N	10	N	5	30	N	N	5	10	N
S055SS	1.5	N	N	10	N	10	30	N	N	5	15	N
S056SS	2.0	N	N	15	N	15	20	N	N	7	20	N
S057SS	2.0	N	N	N	N	20	30	N	N	10	15	N
S058SS	3.0	N	N	15	50	10	30	N	N	15	15	N
S059SS	3.0	N	N	15	30	15	30	N	N	15	15	N
S060SS	3.0	N	N	10	30	20	30	N	N	15	15	N
S061SS	2.0	N	N	5	N	<5	20	N	N	10	15	N
S062SS	3.0	N	N	15	30	20	50	N	<20	30	15	N
S063SS	1.5	N	N	10	10	10	50	N	<20	15	<10	N
S064SS	2.0	N	N	15	30	7	20	N	N	15	15	N
S065SS	3.0	N	N	20	70	7	20	N	N	10	30	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
S021PC	5	N	200	500	N	30	N	500	--	.02
S022SS	10	N	150	70	N	30	N	300	<.05	--
S023SS	10	N	100	70	N	30	N	200	<.05	--
S024SS	5	N	100	50	N	15	N	150	<.05	--
S025R	5	N	<100	50	N	10	N	50	<.05	N
S026R	10	N	200	50	N	20	N	50	<.05	<.02
S027SS	5	N	100	50	N	20	N	300	<.05	--
S028PC	10	N	500	150	N	50	N	300	<.29	.02
S029SS	5	N	300	30	N	15	N	200	<.05	--
S030R	5	N	200	30	N	15	<200	100	<.05	.13
S031SS	5	N	100	70	N	20	N	150	<.05	--
S032SS	5	N	100	150	N	20	N	300	<.05	--
S033SS	5	N	<100	50	N	20	N	150	<.05	--
S034SS	5	N	100	70	N	20	N	150	<.05	--
S035R	5	N	<100	70	N	20	N	200	<.05	.02
S036R	5	N	N	700	N	30	N	700	--	.08
S037SS	5	N	100	100	N	20	N	150	<.05	--
S038PC	7	N	100	700	N	300	N	700	<.05	.03
S039SS	10	N	100	50	N	20	N	150	<.05	--
S040SS	10	N	100	70	N	20	N	200	<.05	--
S041SS	10	N	N	50	N	20	N	200	<.05	--
S042SS	10	N	N	150	N	20	1,000	150	<.05	--
S043SS	15	N	200	100	N	20	N	150	<.05	--
S044SS	15	N	N	70	N	30	500	300	<.05	--
S045R	5	N	100	30	N	50	N	70	<.05	N
S046SS	5	N	N	70	N	20	N	200	<.05	--
S047SS	5	N	150	30	N	10	N	150	<.05	--
S048SS	5	N	100	50	N	15	N	200	<.05	--
S049SS	10	N	200	50	N	20	N	200	<.05	--
S050SS	15	N	200	50	N	20	N	100	<.05	--
S051SS	10	N	150	50	N	20	N	150	<.05	--
S052SS	15	N	150	70	N	30	N	150	<.05	--
S053SS	10	N	150	50	N	30	N	150	<.05	--
S054SS	10	N	150	50	N	30	N	150	<.05	--
S055SS	10	N	200	70	N	20	N	150	<.05	--
S056SS	5	N	200	50	N	15	N	150	<.05	--
S057SS	10	N	100	50	N	20	N	150	<.05	--
S058SS	10	N	100	100	N	30	N	500	<.05	--
S059SS	10	N	100	70	N	30	N	700	<.05	--
S060SS	10	N	100	50	N	50	N	150	<.05	--
S061SS	5	N	N	50	N	10	N	150	<.05	--
S062SS	10	N	100	70	N	30	N	300	<.05	--
S063SS	5	N	100	70	N	30	N	300	<.05	--
S064SS	5	N	N	30	N	15	N	100	<.05	--
S065SS	5	N	N	300	N	30	N	700	<.05	--

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
S066SS	39 11 12	107 6 23	5.00	1.000	1.00	.300	300	N	N	N	15	700
S067SS	39 11 47	107 5 22	7.00	2.000	.30	.300	300	N	N	N	10	300
S068SS	39 10 18	107 5 19	7.00	2.000	1.00	.300	500	N	N	N	30	1,000
S069SS	39 10 25	107 5 7	3.00	3.000	1.00	.200	300	N	N	N	30	500
S070SS	39 12 7	107 4 57	7.00	2.000	1.00	.300	500	N	N	N	30	1,000
S071SS	39 12 32	107 3 29	2.00	1.500	.20	.300	700	N	N	N	30	500
S072SS	39 10 45	107 11 34	10.00	1.500	.15	.300	500	N	N	N	10	500
S073SS	39 11 23	107 12 13	10.00	.700	.20	.300	700	N	N	N	<10	300
S074SS	39 11 23	107 12 13	7.00	2.000	.20	.200	500	N	N	N	30	1,000
S075SS	39 10 44	107 11 34	7.00	1.500	.20	.200	500	N	N	N	10	700
S076SS	39 10 44	107 9 5	3.00	3.000	7.00	.300	300	N	N	N	30	500
S078SS	39 1 43	106 50 42	3.00	3.000	1.00	.200	500	N	N	N	30	500
S079R	39 1 47	106 50 41	7.00	1.500	.05	.200	50	<.5	N	N	<10	1,500
S080R	39 1 47	106 50 41	7.00	1.500	.15	.150	70	2.0	N	N	<10	700
S081SS	39 1 53	106 50 27	3.00	5.000	1.00	.200	1,000	N	N	N	30	300
S082R	39 1 53	106 50 20	2.00	1.000	.30	.100	200	N	N	N	N	500
S083R	39 1 53	106 50 20	5.00	1.500	.70	.200	150	N	N	N	30	300
S084R	39 2 0	106 50 14	3.00	2.000	3.00	.200	500	N	N	N	50	300
S085R	39 2 17	106 49 22	3.00	1.000	2.00	.200	300	N	N	N	N	700
S085SS	39 2 13	106 48 36	3.00	3.000	1.00	.200	1,500	5.0	N	N	30	3,000
S087SS	39 11 32	107 1 41	3.00	1.000	1.00	.300	300	N	N	N	50	500
S088SS	39 3 20	106 49 49	2.00	2.000	.70	.200	500	N	N	N	20	200
S089SS	39 3 20	106 49 48	2.00	2.000	.70	.200	1,000	N	N	N	30	300
S090SS	39 3 29	106 49 0	2.00	1.000	.70	.200	1,500	1.0	N	N	50	200
S091SS	39 4 8	106 48 40	2.00	1.500	.70	.300	700	1.0	N	N	30	500
S092SS	39 3 8	106 55 50	3.00	5.000	2.00	.300	1,500	N	N	N	10	500
S093S	39 4 51	106 55 13	2.00	3.000	.50	.200	300	N	N	N	10	200
S094S	39 5 41	106 54 51	2.00	1.500	.30	.200	700	N	N	N	20	300
S095R	39 6 18	106 54 47	2.00	1.000	5.00	.200	700	N	N	N	70	300
T001R	39 10 54	107 2 42	.30	.200	2.00	.150	100	N	N	N	<10	500
T002R	39 10 46	107 2 43	1.50	5.000	10.00	.070	500	N	N	N	30	20
T003R	39 10 46	107 2 43	1.00	.700	5.00	.050	700	N	N	N	10	1,000
T004R	38 59 7	106 55 21	2.00	.150	.07	.100	200	10.0	500	N	<10	500
T005SS	38 59 46	106 55 19	2.00	2.000	.70	.200	500	N	N	N	50	500
T006SS	38 59 48	106 55 37	2.00	1.000	.50	.300	200	N	N	N	<10	500
T007R	38 59 53	106 55 26	2.00	.300	.50	.150	700	5.0	N	N	<10	1,000
T008R	38 59 53	106 55 26	3.00	1.500	1.50	.200	1,500	N	N	N	<10	1,500
T009R	38 59 53	106 55 26	3.00	1.000	.15	.200	2,000	5.0	N	N	<10	1,000
T010R	38 59 57	106 51 42	1.50	.300	1.00	.200	700	1.0	N	N	<10	200
T011R	38 59 51	106 52 16	5.00	5.000	3.00	.500	700	N	N	N	<10	1,000
T012R	39 0 9	106 52 15	2.00	1.000	5.00	.150	1,000	N	N	N	<10	1,000
T013R	39 0 9	106 52 15	2.00	.300	2.00	.150	300	N	N	N	<10	1,500
T014R	39 0 16	106 51 38	.30	.050	.07	.070	50	1,000.0	N	N	<10	100
T015SS	38 59 53	106 51 46	2.00	1.500	.50	.200	300	N	N	N	30	500
T016R	38 59 47	106 51 12	2.00	.500	.07	.200	150	100.0	300	N	<10	70

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
S066SS	2.0	N	N	10	20	10	70	N	<20	15	10	N
S067SS	1.5	N	N	10	20	10	50	N	<20	15	15	N
S068SS	1.5	N	N	10	20	15	50	N	<20	15	20	N
S069SS	1.5	N	N	10	20	7	50	N	<20	20	<10	N
S070SS	1.5	N	N	10	20	15	50	N	<20	15	20	N
S071SS	2.0	N	N	15	30	15	50	N	<20	20	10	N
S072SS	1.5	N	N	15	30	15	50	N	<20	10	30	N
S073SS	1.5	N	N	15	100	10	50	N	<20	10	30	N
S074SS	2.0	N	N	15	20	15	50	N	<20	20	30	N
S075SS	1.5	N	N	10	20	10	50	N	<20	15	20	N
S076SS	2.0	N	N	10	20	7	50	N	<20	20	70	N
S078SS	2.0	N	N	20	50	30	70	N	<20	50	50	N
S079R	N	N	N	<5	10	5	50	N	<20	5	20	N
S080R	<1.0	N	N	5	10	15	20	N	<20	20	10	N
S081SS	2.0	N	N	20	50	50	70	N	<20	50	30	N
S082R	<1.0	N	N	5	15	<5	<20	N	N	5	<10	N
S083R	3.0	N	N	20	30	<5	70	N	<20	50	<10	N
S084R	1.5	N	N	10	50	<5	50	N	<20	30	<10	N
S085R	1.0	N	N	15	<10	5	50	N	<20	<5	10	N
S086SS	2.0	N	N	20	30	300	50	N	<20	30	150	N
S087SS	2.0	N	N	20	20	10	70	N	<20	20	10	N
S088SS	2.0	N	N	15	30	30	50	N	<20	20	20	N
S089SS	2.0	N	N	15	20	15	50	N	<20	15	15	N
S090SS	2.0	N	N	15	20	30	50	N	<20	20	70	N
S091SS	2.0	N	N	15	30	20	50	N	<20	20	30	N
S092SS	2.0	N	N	50	30	700	100	20	<20	50	15	N
S093S	1.0	N	N	15	50	15	50	<5	<20	15	N	N
S094S	<1.0	N	N	15	30	20	50	<5	<20	15	10	N
S095R	1.0	N	N	7	70	7	30	N	<20	20	<10	N
T001R	2.0	N	N	<5	N	<5	30	N	N	5	N	N
T002R	N	N	N	<5	50	15	20	20	N	20	10	N
T003R	1.0	N	N	N	N	N	20	N	N	5	10	N
T004R	2.0	N	N	N	N	10	20	N	N	5	N	N
T005SS	2.0	N	N	<5	50	10	30	N	N	10	15	N
T006SS	1.5	N	N	<5	20	7	30	N	N	5	15	N
T007R	2.0	N	N	N	N	5	20	30	N	5	10	N
T008R	2.0	N	N	N	N	<5	30	5	N	5	<10	N
T009R	3.0	N	N	<5	N	100	30	N	N	5	200	N
T010R	1.5	N	N	<5	50	15	20	<5	N	10	N	N
T011R	2.0	N	N	15	70	15	30	N	N	20	<10	N
T012R	1.5	N	N	<5	50	500	20	N	N	10	N	N
T013R	<1.0	N	N	<5	N	100	20	N	N	5	20	N
T014R	N	N	N	N	20	150	<20	10	N	5	20	500
T015SS	3.0	N	N	5	100	10	30	N	N	15	10	N
T016R	N	N	N	<5	70	100	N	20	N	10	50	100

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
S066SS	10	N	100	70	N	30	N	300	<.05	--
S067SS	10	N	<100	70	N	30	N	500	<.05	--
S068SS	10	N	100	70	N	30	N	200	<.05	--
S069SS	10	N	100	50	N	20	N	300	<.05	--
S070SS	10	N	100	70	N	30	N	200	<.05	--
S071SS	10	N	100	70	N	20	N	500	<.05	--
S072SS	10	N	<100	200	N	20	N	500	<.05	--
S073SS	10	N	<100	200	N	20	N	300	<.05	--
S074SS	10	N	<100	70	N	30	N	150	<.05	--
S075SS	7	N	<100	70	N	10	N	200	<.05	--
S076SS	10	N	100	50	N	20	N	300	<.05	--
S078SS	20	N	150	100	N	50	N	200	<.05	--
S079R	5	N	100	70	N	15	N	100	.05	.02
S080R	5	N	100	70	N	10	N	150	.07	.02
S081SS	20	N	100	100	N	50	N	300	<.05	--
S082R	<5	N	100	30	N	15	N	100	<.05	.03
S083R	10	N	100	50	N	50	N	150	<.05	.04
S084R	10	N	100	70	N	30	N	500	<.05	.02
S085R	7	N	700	70	N	20	N	150	<.05	.05
S086SS	15	N	150	100	N	50	500	300	<.05	--
S087SS	10	N	150	150	N	50	N	300	<.05	--
S088SS	20	N	150	150	N	30	N	200	<.05	--
S089SS	20	N	100	100	N	20	N	300	<.05	--
S090SS	20	N	100	100	N	50	N	200	<.05	--
S091SS	20	N	100	150	N	50	N	300	<.05	--
S092SS	20	N	500	150	N	50	200	300	.06	--
S093S	7	N	100	70	N	20	N	200	<.05	.04
S094S	7	N	100	70	N	10	N	100	<.05	.08
S095R	7	N	150	50	N	20	N	200	<.05	.08
T001R	<5	N	100	20	N	10	N	150	<.05	<.02
T002R	7	N	<100	70	N	10	N	20	.05	N
T003R	N	N	<100	20	N	<10	N	50	<.05	<.02
T004R	5	N	N	30	N	20	N	150	<.05	<.02
T005SS	10	N	100	50	N	20	N	200	<.05	.02
T006SS	10	N	150	70	N	20	N	200	<.05	<.02
T007R	7	N	<100	50	N	10	N	70	<.05	<.02
T008R	10	N	500	100	N	20	N	150	<.05	<.02
T009R	10	N	100	70	N	20	200	100	<.05	<.02
T010R	10	N	N	50	N	10	N	150	<.05	.02
T011R	15	N	700	200	N	20	N	150	<.05	.02
T012R	10	N	100	70	N	20	N	50	<.05	<.02
T013R	5	N	100	70	N	<10	N	50	<.05	<.02
T014R	N	N	N	20	N	<10	N	100	.30	<.02
T015SS	10	N	100	70	N	30	N	300	<.05	N
T015R	10	N	N	150	N	15	N	150	.20	.04

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
T017R	38 59 35	106 53 50	15.00	.200	.07	.150	700	N	N	N	10	100
T018R	38 59 35	106 53 20	1.50	.300	1.50	.100	500	N	N	N	<10	3,000
T019R	39 9 2	107 3 47	2.00	.300	1.50	.150	300	N	N	N	<10	700
T020R	39 9 46	107 4 23	3.00	7.000	10.00	.200	700	N	N	N	<10	100
T021R	39 9 46	107 4 23	3.00	.500	.70	.200	70	N	N	N	<10	700
T022R	39 9 59	107 3 50	5.00	.700	.70	.200	50	N	N	N	<10	1,500
T023SS	39 10 5	107 3 16	1.00	.300	.20	.150	300	N	N	N	20	300
T024R	39 10 8	107 3 8	.20	.030	3.00	.150	200	N	N	N	20	150
T025R	39 10 9	107 6 5	1.50	3.000	7.00	.150	500	N	N	N	<10	200
T026R	39 10 50	107 5 38	1.50	3.000	3.00	.200	700	N	N	N	15	300
T027R	39 10 47	107 4 21	1.00	2.000	3.00	.200	300	N	N	N	10	500
T028R	39 11 5	107 4 29	.70	7.000	20.00	.030	700	N	N	N	100	20
T029R	39 9 40	107 10 42	.70	.500	20.00	.070	700	.7	N	N	<10	300
T030R	39 10 10	107 10 10	.70	.700	2.00	.150	300	N	N	N	<10	300
T031R	39 10 38	107 9 36	1.00	2.000	5.00	.150	700	N	N	N	10	700
T032R	39 10 33	107 10 39	2.00	1.000	2.00	.150	700	N	N	N	<10	700
T033R	39 0 54	107 1 16	10.00	1.500	3.00	.500	200	.5	N	N	<10	200
T034R	39 1 14	107 1 11	>20.00	.020	N	.070	150	200.0	3,000	N	<10	70
T035R	39 1 14	107 1 11	>20.00	1.500	5.00	.050	1,000	20.0	<200	N	<10	100
T036R	39 1 2	107 0 47	5.00	2.000	10.00	.200	300	.7	N	N	15	1,000
T037R	39 1 2	107 0 47	15.00	3.000	15.00	.500	1,000	N	N	N	10	100
T038R	39 1 2	107 0 47	20.00	1.500	20.00	.150	1,000	<.5	N	N	70	<20
T039R	39 0 59	107 0 50	5.00	2.000	20.00	.200	1,000	N	N	N	<10	700
T040S	39 1 23	107 1 11	10.00	1.000	1.50	.300	500	<.5	N	N	70	1,000
T041SS	39 1 21	107 1 12	10.00	1.000	2.00	.500	1,000	1.5	N	N	30	1,000
T042S	39 1 30	107 1 32	5.00	.700	.70	.500	300	<.5	N	N	70	700
T043R	39 1 27	107 1 50	15.00	3.000	5.00	1.000	1,000	N	N	N	10	500
T044R	39 1 20	107 1 55	10.00	3.000	2.00	1.000	700	<.5	N	N	10	1,500
T045R	39 1 17	107 1 53	7.00	1.000	.10	1.000	150	7.0	N	N	10	1,000
T046R	39 1 17	107 1 53	5.00	.700	.15	.700	100	<.5	N	N	15	1,000
T047R	39 1 17	107 1 53	.20	.100	.05	.050	20	7.0	<200	N	<10	150
T048R	39 1 14	107 1 51	.50	.700	<.05	.200	70	20.0	<200	N	10	500
T049R	39 1 14	107 1 51	5.00	1.000	.10	.700	150	3.0	N	N	10	700
T050R	39 0 14	106 56 23	3.00	.300	.20	.500	50	70.0	N	N	<10	500
T051R	39 0 21	106 56 19	10.00	2.000	.10	.200	300	5.0	N	N	<10	500
T052R	39 0 8	106 56 14	5.00	1.000	3.00	.500	300	N	N	N	<10	2,000
T053R	39 0 9	106 55 59	7.00	.200	.20	.500	70	7.0	N	N	<10	200
T054R	39 0 3	106 55 57	>20.00	1.000	7.00	.100	500	N	N	N	<10	50
T055R	39 2 10	106 51 7	5.00	3.000	15.00	.200	1,000	<.5	N	N	<10	2,000
T056R	39 2 10	106 51 7	1.50	.700	7.00	.150	1,000	<.5	N	N	<10	1,500
T057R	39 1 47	106 50 42	7.00	.700	.30	.200	200	1.0	N	N	<10	300
T058R	39 1 47	106 50 42	10.00	1.000	.05	.300	100	1.5	N	N	<10	5,000
T059R	39 1 47	106 50 42	7.00	.500	.05	.500	50	1.0	N	N	<10	3,000
T060R	39 1 40	106 50 20	>20.00	.070	<.05	.030	N	5.0	N	N	10	50
T061R	39 1 30	106 49 54	10.00	.050	<.05	.050	<10	200.0	300	N	<10	>5,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
T017R	1.5	15	N	50	70	30	N	50	N	50	50	N
T018R	1.0	N	N	<5	N	15	20	N	N	<5	N	N
T019R	<1.0	N	N	N	N	<5	<20	N	N	<5	<10	N
T020R	1.5	N	N	10	70	100	100	N	N	30	30	N
T021R	<1.0	N	N	7	N	70	70	30	N	<5	N	N
T022R	<1.0	N	N	N	N	100	70	N	N	<5	500	N
T023SS	<1.0	N	N	N	20	7	N	N	N	<5	10	N
T024R	N	N	N	N	50	<5	<20	N	N	<5	N	N
T025R	1.0	N	N	N	50	<5	20	5	N	5	N	N
T026R	<1.0	N	N	N	50	7	20	N	N	7	10	N
T027R	1.0	N	N	<5	70	<5	<20	N	N	7	N	N
T028R	N	N	N	<5	15	<5	<20	20	N	5	10	N
T029R	<1.0	N	N	N	20	1,000	N	15	N	<5	N	N
T030R	1.5	N	N	<5	70	10	20	N	N	7	<10	N
T031R	1.0	N	N	5	50	15	30	5	N	10	10	N
T032R	1.0	N	N	5	30	7	20	N	N	10	15	N
T033R	1.5	N	N	20	70	200	100	<5	10	50	10	N
T034R	N	N	N	<5	10	500	<20	<5	N	5	30	<100
T035R	1.5	N	N	<5	20	150	<20	<5	N	10	50	N
T036R	2.0	N	N	5	70	10	N	5	N	50	<10	N
T037R	1.5	N	N	15	150	10	70	N	<10	100	<10	N
T038R	3.0	N	N	<5	100	500	200	<5	N	15	<10	N
T039R	2.0	<10	N	10	100	30	<20	5	<10	50	<10	N
T040S	3.0	<10	N	15	70	50	50	10	<10	70	30	N
T041SS	3.0	<10	N	15	50	150	70	15	<10	70	30	N
T042S	1.0	<10	N	10	50	30	30	<5	10	50	20	N
T043R	1.0	N	N	30	15	50	70	N	N	20	15	N
T044R	1.5	N	N	15	15	50	100	<5	<10	15	15	N
T045R	2.0	N	N	10	10	150	50	300	10	<5	500	N
T046R	3.0	N	N	5	10	20	70	N	10	5	20	N
T047R	<1.0	<10	N	N	15	20	N	700	<10	5	1,000	N
T048R	2.0	<10	N	N	50	10	20	1,000	N	<5	5,000	150
T049R	1.5	N	N	15	300	20	20	100	N	50	500	N
T050R	N	N	N	N	10	50	20	100	N	<5	300	150
T051R	N	<10	N	5	30	15	N	N	N	20	50	N
T052R	1.0	N	N	7	N	<5	70	5	<10	<5	15	N
T053R	<1.0	N	N	100	15	30	200	70	15	5	<10	N
T054R	5.0	N	N	70	30	<5	N	N	N	15	N	N
T055R	2.0	N	N	10	100	70	70	N	N	30	15	N
T056R	N	<10	N	7	20	100	N	N	N	15	20	N
T057R	N	N	N	20	N	30	50	15	<10	<5	<10	N
T058R	N	10	N	N	50	30	30	N	<10	10	50	N
T059R	<1.0	<10	N	N	50	5	N	N	<10	15	30	N
T060R	N	N	N	200	N	10	20	N	N	100	10	N
T061R	N	N	<20	<5	N	500	<20	N	N	5	20,000	500

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
T017R	7	N	N	100	N	15	N	100	<.05	.18
T018R	N	N	100	15	N	15	N	70	.05	.10
T019R	5	N	1,000	30	N	15	N	70	<.05	<.02
T020R	10	N	500	30	N	20	N	150	.10	.04
T021R	10	N	200	70	N	20	N	70	.05	N
T022R	10	N	500	50	N	15	N	100	<.05	N
T023SS	5	N	100	30	N	15	N	200	<.05	N
T024R	5	N	<100	20	N	10	N	150	<.05	N
T025R	7	N	100	30	N	20	N	100	<.05	N
T026R	7	N	<100	30	N	20	N	200	<.05	N
T027R	10	N	<100	30	N	20	N	200	<.05	N
T028R	<5	N	150	20	N	10	N	<10	<.05	.04
T029R	N	N	300	15	N	15	N	50	<.05	N
T030R	7	N	<100	50	N	15	N	150	<.05	N
T031R	7	N	100	30	N	20	N	100	<.05	N
T032R	10	N	100	70	N	20	N	100	<.05	N
T033R	15	N	200	500	N	50	N	200	<.05	N
T034R	5	N	N	50	N	<10	200	<10	.80	.80
T035R	5	N	100	50	N	10	<200	<10	.10	N
T036R	10	N	300	300	N	15	N	50	<.05	N
T037R	15	N	500	1,000	N	30	N	150	.10	N
T038R	15	N	<100	500	N	30	300	50	<.05	N
T039R	15	N	500	700	N	30	N	100	<.05	N
T040S	15	N	100	200	N	30	<200	300	<.05	.04
T041SS	10	N	150	200	N	30	<200	300	<.05	N
T042S	7	N	N	150	N	20	N	300	<.05	.04
T043R	30	N	1,000	500	N	30	N	200	<.05	N
T044R	20	N	700	500	N	30	N	200	<.05	N
T045R	15	N	<100	200	N	15	<200	300	<.05	N
T046R	10	N	<100	150	N	30	<200	300	<.05	N
T047R	N	N	N	100	N	N	500	<10	.30	N
T048R	7	N	N	300	<50	<10	<200	100	.05	.02
T049R	20	N	N	300	N	<10	200	200	<.05	N
T050R	10	N	100	150	N	20	N	100	<.05	N
T051R	7	N	<100	100	N	15	N	200	<.05	.04
T052R	10	N	1,500	150	N	20	N	200	<.05	N
T053R	10	<10	200	150	N	15	N	500	<.05	.04
T054R	10	N	200	500	N	20	N	30	<.05	N
T055R	15	N	500	150	N	30	N	200	<.05	N
T056R	7	N	150	70	N	30	N	150	<.05	.04
T057R	7	N	200	50	N	20	N	300	<.05	N
T058R	15	N	100	150	N	30	N	200	<.05	.02
T059R	10	N	<100	150	N	10	N	300	<.05	.02
T060R	N	N	N	10	N	10	N	10	.50	.02
T061R	N	N	>5,000	15	N	N	<200	10	<.05	.10

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
T062R	39 1 29	106 49 54	>20.00	<.020	<.05	.002	<10	300.0	300	N	<10	2,000
T063R	39 1 55	106 49 41	10.00	2.000	1.50	1.000	300	N	N	N	10	500
WMC1PC2	39 4 52	106 58 10	10.00	2.000	7.00	.700	1,000	N	N	N	<20	100
WMC1PC3	39 4 52	106 58 10	3.00	1.000	7.00	>2.000	500	10.0	N	N	20	5,000
Z001SS	38 58 1	106 54 36	3.00	.500	.30	.500	500	N	N	N	15	300
Z002SS	38 58 1	106 54 41	2.00	.700	.50	.300	700	N	N	N	10	500
Z003SS	38 57 33	106 53 53	7.00	.700	.50	.500	700	N	N	N	10	2,000
Z004SS	38 57 43	106 53 44	10.00	1.000	1.00	.500	1,000	N	N	N	15	700
Z005SS	38 58 52	106 53 53	7.00	.700	.30	.500	700	N	N	N	30	500
Z006PC	38 57 10	106 53 51	15.00	.070	.30	.150	200	N	N	N	N	>5,000
Z007R	38 58 38	106 50 14	15.00	.300	1.00	.050	200	1.0	N	N	<10	100
Z008R	38 58 40	106 50 10	3.00	5.000	5.00	.300	700	N	N	N	<10	1,500
Z009S	38 58 31	106 50 12	2.00	7.000	10.00	.500	1,000	N	N	N	100	200
Z010S	38 58 15	106 50 13	5.00	1.500	1.00	.500	1,500	N	N	N	15	700
Z011R	38 58 30	106 49 51	.30	3.000	10.00	.007	300	N	N	N	<10	N
Z012SS	38 58 19	106 50 5	2.00	1.500	.30	.300	300	N	N	N	20	300
Z013S	38 58 4	106 50 7	3.00	.700	.30	.500	1,500	N	N	N	30	300
Z016R	39 16 10	107 12 14	5.00	1.000	1.50	.500	500	N	N	N	<10	1,000
Z017R	39 16 53	107 11 23	3.00	1.000	1.50	.300	500	N	N	N	<10	1,500
Z018R	39 14 26	107 10 54	1.50	.300	1.50	.300	200	N	N	N	<10	500
Z019R	39 3 33	106 49 36	1.00	.500	1.50	.150	300	N	N	N	<10	500
Z020S	39 3 17	106 49 10	5.00	1.000	.50	.700	1,000	N	N	N	20	700
Z021S	39 3 19	106 48 50	5.00	1.500	.50	.500	500	N	N	N	20	500
Z022S	39 3 31	106 48 52	5.00	1.000	.50	.500	500	N	N	N	15	700
Z023S	39 7 15	106 50 56	3.00	1.000	.50	.500	700	N	N	N	20	700
Z024S	39 6 54	106 50 56	3.00	1.000	.30	.500	1,000	N	N	N	20	700
Z025PC	39 13 53	107 4 24	20.00	.200	1.50	.500	500	N	N	N	<10	1,000
Z026SS	39 13 53	107 4 24	2.00	.500	1.00	.300	300	N	N	N	50	500
Z027SS	39 12 10	107 4 57	2.00	.700	.30	.500	300	N	N	N	10	300
Z028PC	39 11 35	107 5 11	15.00	1.000	3.00	.500	300	N	N	N	<10	700
Z029SS	39 11 35	107 5 11	2.00	1.000	1.00	.200	500	N	N	N	30	500
Z030SS	39 11 40	107 5 23	2.00	.700	1.50	.300	300	N	N	N	30	300
Z031SS	39 11 47	107 5 23	3.00	.500	.20	.500	300	N	N	N	20	500
Z032SS	39 1 43	106 50 4	3.00	1.000	.70	.300	700	3.0	N	N	15	300
Z033R	39 1 52	106 49 59	3.00	5.000	3.00	.150	1,500	N	N	N	<10	70
Z034SS	39 1 57	106 49 54	3.00	2.000	.70	.300	500	N	N	N	10	300
Z035SS	39 2 0	106 49 46	3.00	1.500	1.00	.300	300	N	N	N	15	300
Z036SS	39 10 24	107 3 10	2.00	.300	.50	.150	300	N	N	N	<10	300
Z037SS	39 10 20	107 2 58	1.50	.300	.50	.300	300	N	N	N	20	200
Z038SS	39 10 59	107 2 46	2.00	.300	.30	.300	500	N	N	N	30	300
Z039SS	39 11 19	107 2 33	5.00	.500	.50	.300	500	N	N	N	10	500
Z040SS	39 11 28	107 2 20	3.00	.500	.20	.300	500	N	N	N	10	500
Z041PC	39 11 37	107 1 31	10.00	.300	1.00	.200	500	N	N	N	<10	700
Z042SS	39 11 43	107 1 26	3.00	.500	.20	.300	300	N	N	N	20	300
Z043S	39 11 51	107 1 11	1.50	.300	.70	.200	500	N	N	N	30	300

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
T062R	N	50	N	70	N	200	N	N	N	20	2,000	N
T063R	1.0	N	N	10	20	<5	70	N	<10	15	<10	N
WMC1PC2	<2.0	N	N	15	100	20	100	N	<50	30	20	N
WMC1PC3	<2.0	700	N	N	70	<10	200	N	<50	10	2,000	N
Z001SS	1.5	N	N	5	50	15	20	N	N	7	20	N
Z002SS	1.5	N	N	<5	30	10	50	N	N	10	30	N
Z003SS	2.0	N	N	10	50	7	150	N	N	15	20	N
Z004SS	2.0	N	N	20	30	15	70	N	N	20	70	N
Z005SS	2.0	N	N	7	20	10	70	N	N	10	20	N
Z006PC	N	N	N	20	30	50	50	N	N	15	20	N
Z007R	N	N	N	15	15	10	N	N	N	<5	N	N
Z008R	3.0	N	N	5	100	<5	50	5	N	30	N	N
Z009S	3.0	N	N	5	70	30	20	5	N	20	50	N
Z010S	2.0	N	N	<5	20	15	50	N	N	10	15	N
Z011R	N	N	N	N	N	<5	N	7	N	<5	N	N
Z012SS	2.0	N	N	5	50	10	50	N	N	15	10	N
Z013S	2.0	N	N	5	30	20	30	N	N	10	10	N
Z016R	1.0	N	N	10	10	20	70	N	<20	5	20	N
Z017R	1.5	N	N	<5	N	<5	70	N	N	<5	10	N
Z018R	2.0	N	N	<5	N	<5	50	N	N	5	<10	N
Z019R	<1.0	N	N	5	N	<5	<20	N	N	<5	N	N
Z020S	1.5	N	N	5	70	30	50	N	N	15	20	N
Z021S	2.0	N	N	7	70	70	30	N	N	20	20	N
Z022S	1.0	N	N	7	70	30	50	N	N	15	30	N
Z023S	1.5	N	N	5	70	30	30	N	N	15	20	N
Z024S	1.0	N	N	5	70	30	30	N	N	30	15	N
Z025PC	1.5	N	N	30	200	<5	150	N	N	15	30	N
Z026SS	1.5	N	N	5	50	5	50	N	N	10	15	N
Z027SS	1.5	N	N	<5	50	10	20	N	N	15	15	N
Z028PC	N	N	N	10	100	15	200	N	N	20	1,500	N
Z029SS	1.5	N	N	<5	50	7	50	N	N	10	20	N
Z030SS	2.0	N	N	5	70	10	30	N	N	10	15	N
Z031SS	2.0	N	N	5	50	7	20	N	N	15	15	N
Z032SS	2.0	N	N	7	50	30	50	N	N	20	100	N
Z033R	N	N	N	5	N	<5	20	N	N	<5	N	N
Z034SS	2.0	N	N	7	70	20	30	N	N	20	30	N
Z035SS	2.0	N	N	7	70	30	30	N	N	15	30	N
Z036SS	2.0	N	N	N	N	7	50	N	N	<5	15	N
Z037SS	1.5	N	N	<5	30	10	20	N	N	5	10	N
Z038SS	1.5	N	N	N	30	10	30	N	N	7	10	N
Z039SS	1.5	N	N	<5	30	7	20	N	N	5	<10	N
Z040SS	1.5	N	N	5	70	10	20	N	N	10	10	N
Z041PC	1.0	N	N	5	50	5	300	N	N	5	15	N
Z042SS	1.5	N	N	<5	50	10	<20	N	N	10	10	N
Z043S	1.5	N	N	N	50	50	50	N	N	10	15	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
T062R	N	N	<100	50	N	10	<200	N	.40	.58
T063R	15	N	200	500	N	30	N	150	<.05	N
WMC1PC2	15	N	200	200	N	50	N	500	--	--
WMC1PC3	<10	20	200	70	100	500	N	>2,000	--	--
Z001SS	10	N	100	70	N	20	N	300	<.05	.12
Z002SS	15	N	150	70	N	30	N	300	<.05	.10
Z003SS	15	N	100	50	N	50	N	500	<.05	.02
Z004SS	15	N	100	100	N	50	300	200	<.05	N
Z005SS	15	N	100	100	N	50	N	200	<.05	N
Z006PC	<5	N	700	150	N	20	N	>1,000	<.05	N
Z007R	N	N	N	20	N	N	N	50	.60	N
Z008R	15	N	100	150	N	50	N	150	<.05	.04
Z009S	10	N	100	70	N	15	N	150	<.05	N
Z010S	10	N	150	70	N	30	N	300	<.05	.14
Z011R	N	N	200	N	N	N	N	N	<.05	N
Z012SS	10	N	100	50	N	30	N	200	<.05	.02
Z013S	10	N	100	70	N	15	N	300	<.05	N
Z015R	10	N	700	100	N	20	N	200	<.05	<.02
Z017R	10	N	700	70	N	50	N	70	<.05	.02
Z018R	10	N	100	100	N	20	N	70	.05	<.02
Z019R	7	N	300	50	N	10	N	50	<.05	<.02
Z020S	10	N	150	100	N	20	N	500	<.05	<.02
Z021S	15	N	150	150	N	20	N	200	<.05	.04
Z022S	15	N	150	150	N	20	N	700	<.05	.02
Z023S	10	N	150	70	N	20	N	500	<.05	N
Z024S	10	N	150	100	N	20	N	500	<.05	.02
Z025PC	7	N	100	500	N	50	N	>1,000	.05	N
Z026SS	7	N	150	50	N	30	N	500	<.05	N
Z027SS	10	N	100	70	N	20	N	700	<.05	N
Z028PC	10	N	150	200	N	50	N	1,000	<.05	N
Z029SS	7	N	100	50	N	20	N	150	<.05	N
Z030SS	15	N	<100	70	N	30	N	300	<.05	N
Z031SS	15	N	N	100	N	70	N	300	<.05	N
Z032SS	15	N	<100	70	N	30	500	200	<.05	.12
Z033R	10	N	N	70	N	10	N	50	<.05	<.02
Z034SS	15	N	100	70	N	20	N	300	.05	N
Z035SS	15	N	150	70	N	30	N	300	<.05	<.02
Z036SS	7	N	200	30	N	20	N	300	<.05	<.02
Z037SS	10	N	150	30	N	20	N	700	<.05	.22
Z038SS	10	N	100	30	N	30	N	500	<.05	.12
Z039SS	5	N	300	100	N	15	N	300	<.05	N
Z040SS	10	N	100	100	N	30	N	500	<.05	N
Z041PC	5	N	200	150	N	30	N	500	<.05	N
Z042SS	5	N	<100	50	N	20	N	300	<.05	N
Z043S	7	N	100	50	N	20	N	200	<.05	.58

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
Z044S	39 12 9	107 0 40	3.00	1.000	.30	.500	700	N	N	N	20	700
Z045SS	39 5 1	107 3 1	3.00	.700	.70	.200	500	N	N	N	30	300
Z046SS	39 5 3	107 4 44	3.00	.700	.50	.500	300	N	N	N	150	500
Z047PC	39 5 3	107 4 44	7.00	.500	2.00	.300	500	N	N	N	<10	1,500
Z048SS	39 5 2	107 4 47	3.00	1.000	1.50	.300	300	N	N	N	50	300
Z049SS	39 5 2	107 4 47	5.00	1.000	5.00	.300	300	N	N	N	70	700
Z050R	39 8 55	107 0 44	2.00	1.500	.30	.150	700	N	N	N	10	700
Z051R	39 14 26	107 10 52	1.00	10.000	10.00	.070	700	N	N	N	50	100
Z052S	38 58 11	106 54 56	1.50	.200	.20	.300	300	N	N	N	10	300
Z053R	38 58 42	106 53 56	5.00	5.000	3.00	.200	300	N	N	N	<10	300
Z054SS	38 58 31	106 52 28	3.00	2.000	1.00	.300	700	N	N	N	20	300
Z055SS	38 58 32	106 52 23	2.00	1.500	.70	.300	700	N	N	N	10	300
Z056R	38 59 8	106 53 13	15.00	2.000	5.00	.020	>5,000	N	N	N	10	>5,000
Z057R	39 9 4	107 2 35	10.00	.500	20.00	.150	700	N	N	N	<10	<20
Z058R	39 9 23	107 1 47	7.00	5.000	3.00	.300	500	N	N	N	50	1,500
Z059R	39 6 18	107 11 34	1.50	.700	.10	.300	500	N	N	N	<10	200
Z060R	39 6 12	107 11 53	3.00	.300	.10	.300	500	N	N	N	<10	1,000
Z061R	39 6 23	107 12 11	.70	.150	.30	.150	300	N	N	N	15	500
Z063R	39 6 33	107 12 30	1.50	.300	.70	.150	500	N	N	N	<10	300
Z064R	39 6 38	107 12 50	1.50	.200	3.00	.150	3,000	N	N	N	<10	1,000

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
Z044S	2.0	N	N	5	70	30	30	N	N	30	20	N
Z045SS	1.5	N	N	5	50	15	30	N	N	15	15	N
Z046SS	1.0	N	N	5	70	7	50	N	N	10	<10	N
Z047PC	N	N	N	5	50	5	70	5	N	15	10	N
Z048SS	2.0	N	N	7	150	30	N	10	N	50	15	N
Z049SS	2.0	N	N	7	70	20	100	7	N	70	30	N
Z050R	2.0	N	N	<5	N	<5	30	N	N	5	50	N
Z051R	N	N	N	5	30	15	<20	10	N	10	20	N
Z052S	1.0	N	N	N	30	10	20	N	N	5	15	N
Z053R	1.5	N	N	70	50	<5	<20	<5	N	30	N	N
Z054SS	2.0	N	N	7	70	15	30	N	N	15	15	N
Z055SS	1.5	N	N	5	50	15	20	N	N	15	15	N
Z056R	N	N	N	5	20	30	20	15	N	5	N	N
Z057R	N	N	N	N	30	<5	N	10	N	5	N	N
Z058R	3.0	N	N	10	150	N	50	N	N	30	<10	N
Z059R	N	N	N	<5	30	10	30	N	N	15	10	N
Z060R	1.5	N	N	5	20	7	50	N	N	7	100	N
Z061R	<1.0	N	N	N	30	5	30	N	N	5	10	N
Z063R	<1.0	N	N	N	20	7	20	N	N	5	<10	N
Z064R	1.5	N	N	5	30	5	20	N	N	10	10	N

ANALYTICAL DATA FOR 1505 SAMPLES FROM THE MAROON BELLS-SNOWMASS WILDERNESS--Continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	AA-AU	INST-HG
Z044S	10	N	<100	70	N	20	N	300	<.05	N
Z045SS	5	N	N	50	N	20	N	200	<.05	<.02
Z046SS	10	N	<100	100	N	30	N	>1,000	<.05	.02
Z047PC	7	N	150	150	N	20	N	1,000	<.05	N
Z048SS	15	N	100	300	N	20	N	200	<.05	.06
Z049SS	15	N	300	200	N	30	N	150	.05	.02
Z050R	<5	N	200	70	N	<10	N	50	<.05	.06
Z051R	5	N	<100	50	N	20	N	50	.05	.02
Z052S	7	N	<100	50	N	20	N	200	<.05	.22
Z053R	15	N	100	70	N	20	N	70	.05	N
Z054SS	15	N	100	70	N	30	N	150	<.05	.12
Z055SS	10	N	<100	70	N	20	N	150	<.10	.12
Z056R	5	N	1,500	20	N	20	N	N	<.05	<.02
Z057R	15	N	150	50	N	30	N	100	.10	N
Z058R	15	N	300	150	N	50	N	70	<.05	N
Z059R	7	N	N	30	N	20	N	>1,000	<.05	N
Z060R	10	N	100	50	N	20	N	200	.05	.04
Z061R	<5	N	<100	30	N	10	N	150	<.05	N
Z063R	7	N	100	30	N	15	N	100	<.05	N
Z064R	5	N	200	50	N	20	N	70	<.05	.02