UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality map of rock samples from the White Mountains Recreation Area, Livengood and Circle quadrangles, east-central Alaska

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

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STUDIES RELATED TO BLM

Bureau of Land Management Recreation Areas

The Federal Land Policy and Management Act (Public Law 94-579, October 21, 1976) requires the U.S. Geological Survey to conduct mineral surveys on certain areas to determine their mineral values, if any. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical survey of the White Mountains Recreation Area, Livengood and Circle quadrangles, Alaska.

INTRODUCTION

In June 1986, the U.S. Geological Survey conducted a reconnaissance geochemical survey of the White Mountains Recreation Area, Livengood and Circle 1° x 3° quadrangles, east-central Alaska.

The White Mountains Recreation Area comprises about 1,200 mi^2 (3,100 km^2) (770,000 acres) in the eastern Livengood and western Circle quadrangles, Alaska, and lies about 50 mi (80 km) north of Fairbanks, Alaska (fig. 1). Access to the study area is provided on the southeast by a dirt road from the Steese Highway to Nome Creek, and via Beaver Creek to the southern, western, and northern parts of the study area.

The following summary of the geology in the White Mountain study area is taken from Weber and others, 1985:

The White Mountains study area comprises a northeasterly trending sequence of Precambrian to Mesozoic sedimentary, metasedimentary, and volcanic rocks in the northwestern part of the Yukon-Tanana Upland. These rocks consist mostly of Cambrian-Precambrian quartzite, quartz mica schist, bimodal quartzite ("grit"), phyllite, and argillite Ordovician slate, chert, minor limestone and Jurassic-Cretaceous conglomerate, graywacke, quartzite, and slate. The White Mountains themselves are made up primarily of Ordovician basalt and agglomerate and Silurian limestone. Cretaceous-Tertiary granitic intrusions form topographic highs at Cache Mountain and Victoria Mountain. Syenite is present in one ridge east of Cache Mountain and a narrow band of mafic/ultramafic rocks crosses the study area paralleling the regional northeast strike. Quaternary loess blankets a major part of the southern 1/3 of the area and alluvial deposits fill the major drainage courses. Much of the area is underlain by permafrost. Outcrops are scarce except where relief is high.

Two periods of tectonism and metamorphism in the region produced first, sub-isoclinal northeast-vergent northwest-trending folds, and second, northeast-trending folds and northwest-verging thrust faults that control the distribution of rock types presently exposed. Generally, though, the rocks strike northeast and dip northwest.

The topographic relief in the study area is about 4,300 ft (1,300 m), with a maximum elevation of 5,286 ft (1,611 m) at Mount Prindle. The White Mountains Recreation Area comprises most of the drainage basins of Victoria and Beaver Creeks above their confluence. The climate of the area is arid to semiarid. The high-latitude tundra prohibits ground-water seepage and enhances surface runoff.

This report lists the analytical results for rock samples from the White Mountains Recreation Area and is one of three U.S. Geological Survey reports on analytical results of various sample media from the area. Sutley and others (1987) report the analytical results for stream-sediment, moss-trap

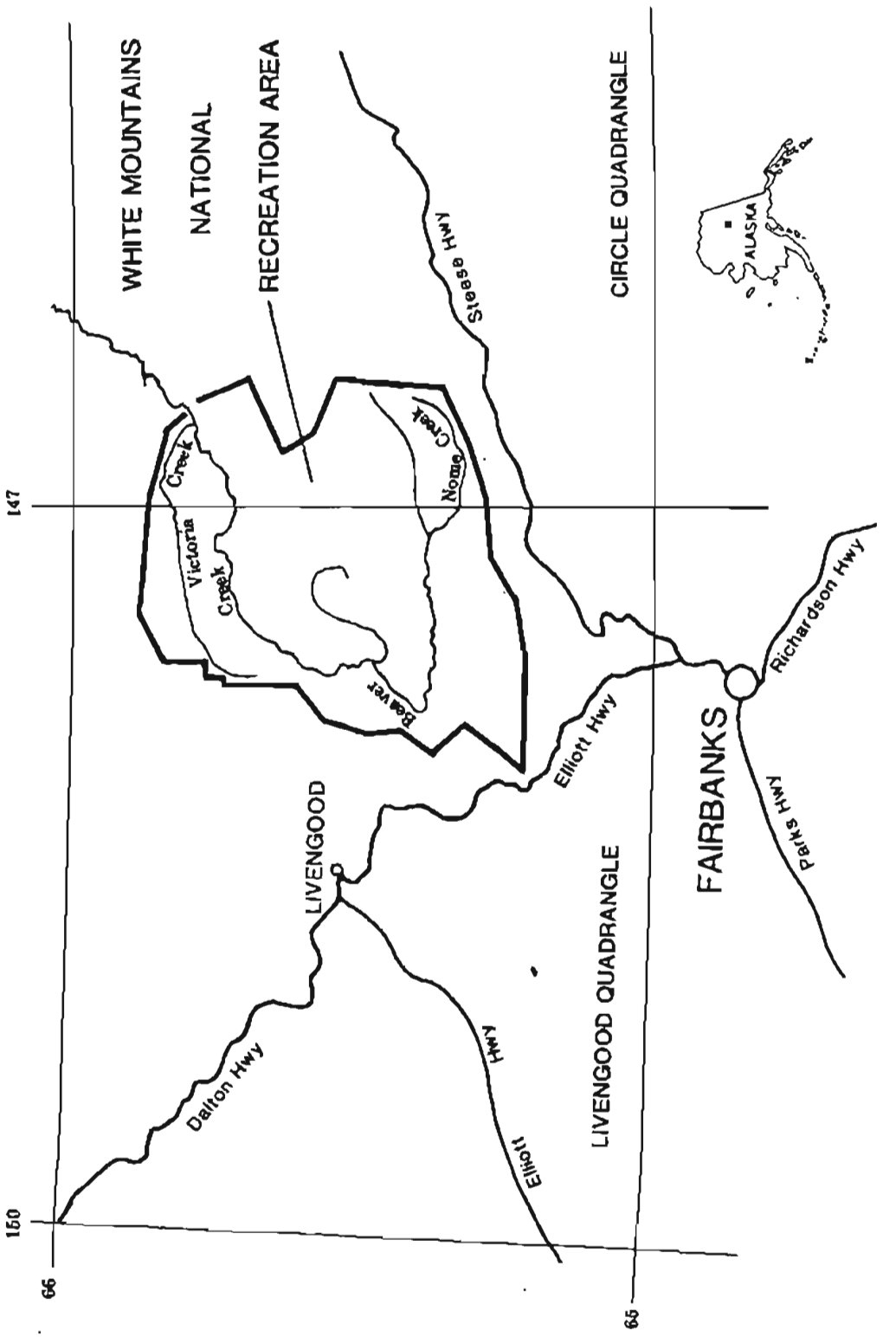

Figure 1. Index map showing location of the White Mountains Recreation Area, Alaska.

sediment, and heavy-mineral-concentrate samples collected by the U.S.G.S. Bailey and others (1986) report the results for semiquantitative emission spectrographic analyses of stream-sediment samples collected during the National Uranium Resource Evaluation Program (NURE) conducted under the auspices of the Earth Resources Development Administration (ERDA).

METHODS OF STUDY

Sample Media

Rock samples were collected at 483 sites (plate 1) from outcrops in the vicinity of the plotted site location. The average sampling density was about one sample site per 2.2 mi^2. Samples of unaltered and, where they were present, altered and/or mineralized rocks were collected. Rock samples were crushed and then pulverized to minus 0.15 mm with ceramic plates.

Analyses of unaltered or unmineralized rock samples provide background geochemical data for individual rock units. Analyses of altered or mineralized rocks may provide useful geochemical information about the major- and trace-element assemblages associated with mineralized systems.

Rock samples were collected at 483 sites (plate 1) from outcrops or exposures in the vicinity of the plotted site location. Samples were collected from unaltered and/or altered and/or mineralized rocks. The average sampling density was about one sample site per 2.2 mi^2. Rock samples were crushed and then pulverized to minus 0.15 mm with ceramic plates.

Sample Analysis

Spectrographic method

The 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 derived from the sample against 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). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram). Analytical data for the rock samples from the White Mountains Recreation Area are listed in table 3.

Atomic-absorption methods

Rock samples from the White Mountains Recreation Area were analyzed for As, Bi, Cd, Sb, and Zn by atomic-absorption spectrometry using a modification of Viets (1978) (table 2). Rock samples containing at least 20 ppm As, 2 ppm Bi, or 4 ppm Sb, were analyzed for Au using a modification of Viets (1978). These elements are commonly associated with the geohchemical occurrence of Au.

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 TABLES

Table 3 lists the results of analyses for the rock samples. The data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the site location map (plate 1). Columns in which the element headings show the letter "s" below 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. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. The symbol "--" indicates the element was excluded from the analyses. Because of the formatting used in the computer program that produced table 2, some of the elements listed in the table (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant zeros to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

Table 2 also identifies the general rock types according to RASS code. Rock types corresponding to the code numbers designated in the rock-type column in table 2 are as follows:

	Rock Type
11	unidentified rock
12	sedimentary rock
13	metamorphic rock
14	igneous rock
16	conglomerate
17	sandstone
18	siltstone
19	claystone
20	shale
21	limestone or dolomite
24	schist
25	quartzite
28	phyllite or slate
29	felsic igneous
30	intermediate igneous
31	mafic igneous
32	ultramafic igneous
34	chert or jasperoid
35	other

REFERENCES CITED

Bailey, E. A., Lee, G. K., and Light, T. D., 1986, Semiquantitative emission spectrographic analytical results and sample locality map of stream-sediment samples collected during the National Uranium Resource Evaluation Program from the Livengood and western 1/3 of the Circle quadrangles, east-central Alaska: U.S. Geological Survey Open-File Report 86- (in press).

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Weber, F. R., Smith, T. E., Hall, M. H., and Forbes, R. B., 1985, Geologic guide to the Fairbanks-Livengood area, east-central Alaska: Alaska Geological Society Guidebook, 44 p.

TABLE 1.—Limits of determination for the spectrographic analysis of rocks based on a 10-mg sample

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.--Chemical methods used

[AA = atomic absorption]

Element or constituent determined	Method	Determination limit (micrograms/ gram or ppm)	Reference
Gold (Au)	AA	0.05	Modification of Viets, 1978.
Arsenic (As)	AA	10	Modification of Viets, 1978.
Antimony (Sb)	AA	2	
Zinc (Zn)	AA	5	
Bismuth (Bi)	AA	1	
Cadmium (Cd)	AA	0.1	

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
62TB322	65 23 46	147 37 38	1.50	.70	1.00	.500	700	N	N	N	20	500
62TB326	65 27 13	147 44 18	15.00	7.00	20.00	>1.000	2,000	N	N	N	20	50
62TB327B	65 30 46	147 19 56	10.00	1.50	2.00	1.000	2,000	N	N	N	<10	500
65MR131B	65 40 38	147 38 40	15.00	5.00	20.00	1.000	2,000	N	N	N	N	300
65MR131C	65 40 38	147 38 40	10.00	>10.00	<.05	.005	700	N	N	N	30	N
68MR101B	65 48 0	146 39 37	10.00	2.00	5.00	.700	3,000	N	N	N	150	1,500
68MR101E	65 48 0	146 39 37	15.00	2.00	.10	1.000	1,500	N	N	N	150	200
68MR140A	65 35 29	147 0 41	7.00	1.50	.10	.300	1,000	N	N	N	20	100
68MR140B	65 35 29	147 0 41	5.00	1.00	.07	.200	1,000	N	N	N	10	100
68MR140C	65 35 29	147 0 41	7.00	2.00	<.05	.700	200	N	N	N	20	1,000
68MR141A	65 36 57	147 2 7	1.00	.20	.05	.200	200	N	N	N	50	500
68MR141B	65 36 57	147 2 7	5.00	1.00	N	.300	100	N	N	N	70	500
68MR142A	65 36 49	147 2 13	15.00	5.00	20.00	>1.000	1,500	N	N	N	<10	300
68MR143B	65 36 34	147 1 44	7.00	2.00	.05	1.000	500	N	N	N	70	3,000
68MR143C	65 36 34	147 1 44	20.00	10.00	20.00	1.000	2,000	N	N	N	N	300
68MR144B	65 36 27	147 2 28	7.00	2.00	1.50	.700	300	N	N	N	50	500
68MR145A	65 36 33	147 3 20	5.00	1.50	<.05	.500	200	N	N	N	150	1,000
68MR146A	65 36 39	147 3 19	.70	1.00	>20.00	.050	500	N	N	N	N	300
68MR146B	65 36 39	147 3 19	.70	1.00	>20.00	.030	500	N	N	N	N	300
68MR147B	65 36 47	147 3 30	7.00	2.00	.20	.700	100	N	N	N	100	2,000
68MR148	65 37 33	147 3 42	5.00	1.50	20.00	.500	2,000	N	N	N	20	200
68MR149C	65 38 9	147 4 39	1.00	.50	.07	.300	100	N	N	N	70	1,000
68MR150A	65 37 26	147 5 32	2.00	1.50	.05	1.000	200	N	N	N	200	3,000
68MR151A	65 33 15	147 10 24	2.00	1.00	.05	.300	200	N	N	N	50	500
68MR151B	65 33 15	147 10 24	15.00	2.00	<.05	.700	300	N	N	N	100	1,000
68MR152	65 33 24	147 10 48	15.00	7.00	5.00	1.000	1,000	N	N	N	N	200
68MR153A	65 33 40	147 11 41	7.00	1.50	.05	.500	500	N	N	N	50	500
68MR153B	65 33 40	147 11 41	.70	.20	<.05	.150	150	N	N	N	20	1,000
68MR154	65 33 51	147 12 2	10.00	2.00	.15	1.000	700	N	N	N	100	1,500
68MR155	65 34 4	147 12 24	5.00	1.00	.15	.300	300	N	N	N	50	700
68MR156	65 34 28	147 12 25	2.00	.10	.20	.150	1,500	N	N	N	20	500
68MR157	65 34 38	147 12 26	5.00	2.00	<.05	1.000	1,000	<.5	N	N	100	3,000
68MR158	65 34 49	147 12 22	5.00	1.00	.20	.700	2,000	N	N	N	50	700
68MR160	65 35 7	147 12 39	2.00	.10	.05	.200	1,000	N	N	N	30	300
68MR161	65 35 19	147 12 36	1.00	.15	<.05	.300	100	N	N	N	30	700
68MR163A	65 36 27	147 10 18	3.00	.70	<.05	.300	150	N	N	N	50	500
68MR163B	65 36 27	147 10 18	7.00	2.00	.07	1.000	200	N	N	N	100	2,000
68MR164	65 36 19	147 12 48	7.00	2.00	.05	.500	200	N	N	N	100	1,500
68MR165	65 36 32	147 12 44	15.00	5.00	20.00	1.000	3,000	N	N	N	10	>5,000
68MR166	65 36 41	147 12 42	2.00	1.00	.05	.500	700	N	N	N	50	1,500
68MR166B	65 36 41	147 12 42	3.00	.70	>20.00	.300	>5,000	N	N	N	10	300
68MR179B	65 52 58	147 14 52	15.00	5.00	20.00	>1.000	2,000	N	N	N	<10	700
68MR180	65 52 32	147 16 42	1.00	1.00	>20.00	.050	500	N	N	N	N	70
68MR181	65 52 19	147 17 25	2.00	.15	1.00	.300	1,000	N	N	N	30	500
68MR182	65 52 9	147 17 12	2.00	.70	.15	.300	500	N	N	N	50	500

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
62TB322	<1.0	N	N	N	20	5	N	N	N	10	20	N	5	N
62TB326	N	N	N	50	500	150	20	N	20	100	10	N	50	N
62TB327B	2.0	N	N	7	70	<5	700	<5	20	N	30	N	30	N
65MR131B	N	N	N	30	50	100	N	N	N	20	N	N	50	N
65MR131C	N	N	N	100	1,000	<5	N	N	N	5,000	N	N	5	N
68MR101B	1.0	N	N	10	100	7	50	N	N	50	10	N	30	N
68MR101E	1.5	N	N	50	100	<5	50	N	<20	50	15	N	30	N
68MR140A	N	N	N	20	50	15	N	N	N	50	50	N	<5	N
68MR140B	N	N	N	<5	15	7	N	N	N	7	15	N	<5	N
68MR140C	N	N	N	15	150	20	50	N	N	20	10	N	15	N
68MR141A	<1.0	N	N	N	<10	<5	N	N	N	7	<10	N	<5	N
68MR141B	1.0	<10	N	7	70	50	50	N	N	20	15	N	7	N
68MR142A	N	N	N	70	300	100	N	N	20	50	N	N	50	N
68MR143B	1.0	N	N	15	200	30	70	N	<20	30	20	N	20	N
68MR143C	<1.0	N	N	100	1,000	150	50	N	50	500	20	N	30	N
68MR144B	1.0	N	N	15	100	15	30	N	N	50	10	N	7	N
68MR145A	<1.0	N	N	N	30	10	50	N	N	10	15	N	10	N
68MR146A	N	N	N	N	20	<5	N	N	N	N	<10	N	N	N
68MR146B	N	N	N	N	20	5	N	N	N	N	10	N	N	N
68MR147B	<1.0	N	N	20	150	70	70	N	<20	50	<10	N	15	N
68MR148	N	N	N	15	100	15	N	N	N	50	30	N	10	N
68MR149C	1.0	N	N	N	20	5	N	N	N	N	<10	N	7	N
68MR150A	<1.0	N	N	5	150	5	70	N	20	7	50	N	15	N
68MR151A	<1.0	N	N	5	30	10	30	N	N	20	15	N	<5	N
68MR151B	1.0	N	N	20	200	70	50	N	<20	50	50	N	20	N
68MR152	N	N	N	70	500	70	30	N	70	100	20	N	20	N
68MR153A	1.0	N	N	10	50	15	30	N	<20	30	20	N	10	N
68MR153B	N	N	N	<5	20	<5	N	N	N	N	N	N	N	N
68MR154	1.0	N	N	15	200	50	100	N	<20	50	15	N	20	N
68MR155	<1.0	N	N	10	30	10	N	N	N	20	15	N	5	N
68MR156	N	N	N	N	20	<5	N	N	N	<5	10	N	<5	N
68MR157	1.0	N	N	20	150	70	70	N	<20	30	<10	N	20	N
68MR158	<1.0	N	N	10	50	15	N	N	N	15	10	N	7	N
68MR160	N	N	N	N	20	5	N	N	N	10	15	N	<5	N
68MR161	N	N	N	N	20	<5	N	N	N	N	<10	N	<5	N
68MR163A	N	N	N	<5	50	7	50	N	N	15	15	N	5	N
68MR163B	<1.0	N	N	15	200	30	100	N	<20	20	20	N	20	N
68MR164	1.0	N	N	15	100	30	50	N	<20	30	<10	N	10	N
68MR165	<1.0	N	N	70	50	100	100	N	30	30	20	N	20	N
68MR166	N	N	N	5	30	15	N	N	N	10	30	N	5	N
68MR166B	N	N	N	N	30	<5	30	N	N	N	30	N	5	N
68MR179B	N	N	N	50	150	70	50	N	20	50	15	N	30	N
68MR180	N	N	N	N	30	7	N	N	N	5	10	N	N	N
68MR181	<1.0	N	N	7	20	<5	N	N	N	7	10	N	<5	N
68MR182	1.0	N	N	7	30	10	N	N	N	10	20	N	5	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
62TB322	<100	50	N	10	<200	300	N	--	--	--	--	--	--	11
62TB326	2,000	300	N	30	200	150	N	--	--	--	--	--	--	11
62TB327B	N	100	N	300	N	1,000	N	--	--	--	--	--	--	11
65MR131B	300	500	N	50	N	70	N	--	--	--	--	--	--	11
65MR131C	N	20	N	N	N	N	N	--	--	--	--	--	--	11
68MR101B	<100	150	N	50	N	150	N	--	--	--	--	--	--	11
68MR101E	200	200	N	50	N	150	N	--	--	--	--	--	--	11
68MR140A	N	30	N	30	N	500	N	--	--	--	--	--	--	11
68MR140B	N	20	N	<10	N	150	N	--	--	--	--	--	--	11
68MR140C	200	100	N	20	N	100	N	--	--	--	--	--	--	11
68MR141A	N	20	N	10	N	500	N	--	--	--	--	--	--	11
68MR141B	N	70	N	15	N	100	N	--	--	--	--	--	--	11
68MR142A	1,500	300	N	30	200	150	N	--	--	--	--	--	--	11
68MR143B	<100	200	N	30	N	300	N	--	--	--	--	--	--	11
68MR143C	500	300	N	50	200	150	N	--	--	--	--	--	--	11
68MR144B	150	70	N	15	N	300	N	--	--	--	--	--	--	11
68MR145A	N	100	N	20	N	300	N	--	--	--	--	--	--	11
68MR146A	3,000	20	N	10	N	20	N	--	--	--	--	--	--	11
68MR146B	2,000	10	N	10	N	20	N	--	--	--	--	--	--	11
68MR147B	100	200	N	50	N	200	N	--	--	--	--	--	--	11
68MR148	500	150	N	15	N	1,000	N	--	--	--	--	--	--	11
68MR149C	<100	70	N	10	N	300	N	--	--	--	--	--	--	11
68MR150A	N	100	N	70	N	>1,000	N	--	--	--	--	--	--	11
68MR151A	N	50	N	15	N	200	N	--	--	--	--	--	--	11
68MR151B	N	200	N	30	N	150	N	--	--	--	--	--	--	11
68MR152	500	150	N	30	N	150	N	--	--	--	--	--	--	11
68MR153A	100	70	N	20	N	300	N	--	--	--	--	--	--	11
68MR153B	N	15	N	<10	N	200	N	--	--	--	--	--	--	11
68MR154	200	150	N	50	N	100	N	--	--	--	--	--	--	11
68MR155	<100	50	N	10	N	200	N	--	--	--	--	--	--	11
68MR156	<100	30	N	<10	N	200	N	--	--	--	--	--	--	11
68MR157	N	150	N	20	N	100	N	--	--	--	--	--	--	11
68MR158	<100	70	N	15	N	300	N	--	--	--	--	--	--	11
68MR160	N	30	N	10	N	200	N	--	--	--	--	--	--	11
68MR161	N	30	N	10	N	300	N	--	--	--	--	--	--	11
68MR163A	N	30	N	10	N	300	N	--	--	--	--	--	--	11
68MR163B	<100	200	N	30	N	200	N	--	--	--	--	--	--	11
68MR164	N	100	N	20	N	200	N	--	--	--	--	--	--	11
68MR165	500	300	N	30	200	300	N	--	--	--	--	--	--	11
68MR166	100	50	N	<10	N	300	N	--	--	--	--	--	--	11
68MR166B	2,000	30	N	20	N	500	N	--	--	--	--	--	--	11
68MR179B	1,500	200	N	30	N	200	N	--	--	--	--	--	--	11
68MR180	5,000	<10	N	15	N	100	N	--	--	--	--	--	--	11
68MR181	N	30	N	10	N	200	N	--	--	--	--	--	--	11
68MR182	N	70	N	10	N	150	N	--	--	--	--	--	--	11

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
68WR183	65 52 5	147 17 31	10.00	2.00	.10	.700	700	N	N	N	70	1,000
68WR184A	65 52 1	147 18 0	.20	.10	<.05	.050	150	N	N	N	50	150
68WR184B	65 52 1	147 18 0	5.00	2.00	<.05	.700	200	N	N	N	70	500
68WR185B	65 52 13	147 18 30	2.00	1.00	.07	.300	500	N	N	N	50	1,000
68WR186	65 51 28	147 19 12	.50	.15	<.05	.030	100	N	N	N	50	70
68WR187B	65 51 12	147 18 21	2.00	2.00	5.00	.200	1,500	N	N	N	70	500
68WR188	65 50 36	147 18 48	.15	.15	.05	.030	150	N	N	N	100	150
68WR189	65 50 41	147 16 56	5.00	2.00	.10	.500	150	N	N	N	100	2,000
68WR190A	65 50 34	147 16 27	5.00	1.50	.05	.500	500	N	N	N	50	300
68WR191B	65 50 22	147 16 30	15.00	2.00	.05	1.000	1,500	<.5	N	N	<10	2,000
68WR192A	65 50 9	147 15 42	7.00	2.00	<.05	1.000	150	N	N	N	70	1,500
68WR193	65 50 3	147 15 29	1.50	1.00	<.05	.200	150	N	N	N	30	700
68WR195	65 49 50	147 15 26	.15	.10	<.05	.030	50	N	N	N	200	100
68WR196	65 49 37	147 15 35	5.00	1.00	.05	.700	300	N	N	N	50	3,000
68WR197C	65 34 18	147 30 41	10.00	1.50	5.00	>1.000	300	N	N	N	20	500
68WR197B	65 34 18	147 30 41	.10	1.00	>20.00	.100	50	N	N	N	N	100
68WR198	65 34 8	147 30 24	.20	.20	>20.00	.005	150	N	N	N	N	100
68WR199	65 33 49	147 29 53	15.00	5.00	7.00	>1.000	3,000	N	N	N	<10	300
68WR200A	65 33 55	147 28 0	7.00	5.00	10.00	.500	1,500	N	N	N	10	200
68WR201	65 33 26	147 27 31	.05	.50	>20.00	.005	50	N	N	N	N	50
68WR202	65 33 26	147 39 3	7.00	2.00	.50	.500	1,000	N	N	N	20	1,000
68WR203	65 33 51	147 32 23	10.00	5.00	10.00	1.000	1,500	N	N	N	<10	700
68WR206	65 32 28	147 36 7	15.00	5.00	7.00	1.000	1,000	N	N	N	10	1,000
68WR211A	65 46 58	147 6 35	.20	>10.00	>20.00	.010	500	N	N	N	N	50
68WR212	65 46 48	147 7 7	.07	10.00	>20.00	.002	500	N	N	N	N	<20
68WR213A	65 44 45	147 7 14	10.00	5.00	>20.00	<.002	>5,000	N	N	N	N	1,000
68WR213B	65 46 45	147 7 14	15.00	2.00	3.00	1.000	1,500	N	N	N	10	2,000
68WR214	65 44 34	147 7 13	.50	.10	.20	.020	50	1.5	N	N	20	200
68WR215	65 46 40	147 7 57	.10	>10.00	>20.00	<.002	100	N	N	N	N	<20
68WR216A	65 44 38	147 8 54	.15	7.00	>20.00	.005	150	N	N	N	N	50
68WR216B	65 46 38	147 8 54	.10	7.00	>20.00	.003	150	N	N	N	N	30
68WR217	65 44 46	147 9 28	1.50	>10.00	>20.00	.010	1,000	N	N	N	N	100
68WR218	65 47 9	147 9 24	.07	1.00	3.00	.007	150	N	N	N	20	30
68WR220	65 47 32	147 9 48	N	.10	>20.00	<.002	50	N	N	N	N	100
68WR221A	65 47 37	147 9 57	1.00	2.00	20.00	.050	300	<.5	N	N	20	500
68WR221B	65 47 37	147 9 57	.50	10.00	>20.00	.070	300	.5	N	N	<10	100
68WR222A	65 47 50	147 10 12	2.00	1.50	.15	.200	150	N	N	N	20	>5,000
68WR223	65 48 1	147 9 56	10.00	7.00	1.00	1.000	1,000	N	N	N	<10	300
68WR224	65 48 9	147 9 53	15.00	5.00	7.00	>1.000	1,500	N	N	N	10	2,000
68WR225A	65 48 15	147 10 1	7.00	7.00	5.00	.500	700	N	N	N	70	300
68WR225B	65 48 15	147 10 1	10.00	5.00	.15	1.000	700	N	N	N	20	500
68WR226A	65 48 34	147 10 1	7.00	1.50	<.05	.300	150	.5	N	N	70	5,000
68WR226B	65 48 34	147 10 1	10.00	1.00	<.05	.500	700	<.5	N	N	100	3,000
68WR227A	65 49 27	147 8 28	.15	.02	<.05	.010	20	N	N	N	20	70
68WR227B	65 49 27	147 8 28	2.00	10.00	>20.00	.100	1,000	N	N	N	N	50

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm	Bi-ppm	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm	Sb-ppm	Sc-ppm	Sn-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s	s
68WR183	<1.0	N	N	10	100	15	50	N	<20	20	10	N	15	N
68WR184A	<1.0	N	N	N	N	10	N	N	N	N	N	N	N	N
68WR184B	<1.0	N	N	20	70	<5	20	N	<20	30	<10	N	10	N
68WR185B	<1.0	N	N	7	50	10	50	N	N	5	20	N	7	N
68WR186	N	N	N	N	<10	10	N	N	N	N	N	N	N	N
68WR187B	<1.0	N	N	10	50	10	30	N	N	20	20	N	10	N
68WR188	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
68WR189	1.0	N	N	20	100	20	20	N	N	30	30	N	20	N
68WR190A	<1.0	N	N	10	30	7	20	N	N	20	15	N	10	N
68WR191B	<1.0	N	N	5	150	20	100	N	N	20	15	N	20	N
68WR192A	2.0	N	N	7	200	30	50	<5	<20	30	50	N	20	N
68WR193	1.0	N	N	N	20	30	N	N	N	10	20	N	10	N
68WR195	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
68WR196	1.0	N	N	7	30	5	50	N	N	15	20	N	7	N
68WR197C	N	N	N	20	300	50	N	N	20	50	N	N	30	N
68WR197D	N	N	N	N	20	N	N	N	N	N	N	N	N	N
68WR198	N	N	N	N	N	N	N	N	N	N	N	N	N	N
68WR199	N	N	N	50	30	70	30	N	30	30	15	N	20	N
68WR200A	N	N	N	20	300	70	N	N	N	50	N	N	30	N
68WR201	N	N	N	N	N	N	N	N	N	N	10	N	N	N
68WR202	N	N	N	15	200	30	30	N	N	50	20	N	20	N
68WR203	N	N	N	30	50	70	N	N	N	50	<10	N	30	N
68WR206	N	N	N	30	500	20	N	N	N	50	30	N	20	N
68WR211A	N	N	N	N	<10	N	N	N	N	N	N	N	N	N
68WR212	N	N	N	N	N	N	N	N	N	N	N	N	N	N
68WR213A	N	N	N	N	N	20	N	N	N	20	50	N	N	N
68WR213B	<1.0	N	N	10	<10	50	50	N	30	N	N	N	20	N
68WR214	N	N	N	N	10	20	N	N	N	7	N	N	N	N
68WR215	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
68WR216A	N	N	N	N	<10	N	N	N	N	N	<10	N	N	N
68WR216B	N	N	N	N	N	N	N	N	N	N	N	N	N	N
68WR217	N	N	N	N	N	<5	N	N	N	N	<10	N	N	N
68WR218	N	N	N	N	N	N	N	N	N	N	N	N	N	N
68WR220	N	N	N	N	N	N	N	N	N	N	N	N	N	N
68WR221A	N	N	N	<5	30	50	N	N	N	15	N	N	<5	N
68WR221B	N	N	N	N	20	15	N	N	N	5	10	N	N	N
68WR222A	10.0	N	N	N	N	<5	100	N	70	N	N	N	10	10
68WR223	N	N	50	20	500	10	N	N	N	70	10	N	20	N
68WR224	<1.0	N	N	30	50	50	30	N	20	N	15	N	15	N
68WR225A	<1.0	N	N	20	500	30	N	N	N	70	30	N	20	N
68WR225B	<1.0	N	N	20	1,000	50	N	N	N	200	10	N	20	N
68WR226A	1.5	N	N	7	150	100	30	N	N	50	10	N	20	N
68WR226B	1.5	N	N	20	150	100	N	N	N	50	15	N	20	N
68WR227A	N	N	N	N	N	5	N	N	N	N	15	N	N	N
68WR227B	N	N	N	10	<10	N	N	N	N	10	N	N	<5	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
68WR183	<100	100	N	20	N	150	N	—	—	—	—	—	—	11
68WR184A	N	10	N	<10	N	10	N	—	—	—	—	—	—	11
68WR184B	N	50	N	20	N	150	N	—	—	—	—	—	—	11
68WR185B	<100	70	N	30	N	300	N	—	—	—	—	—	—	11
68WR186	N	15	N	<10	N	20	N	—	—	—	—	—	—	11
68WR187B	100	70	N	15	N	100	N	—	—	—	—	—	—	11
68WR188	N	15	N	<10	N	20	N	—	—	—	—	—	—	11
68WR189	N	100	N	30	<200	150	N	—	—	—	—	—	—	11
68WR190A	100	50	N	15	N	300	N	—	—	—	—	—	—	11
68WR191B	N	150	N	50	N	100	N	—	—	—	—	—	—	11
68WR192A	N	200	N	50	N	200	N	—	—	—	—	—	—	11
68WR193	<100	70	N	15	N	100	N	—	—	—	—	—	—	11
68WR195	N	10	N	<10	N	15	N	—	—	—	—	—	—	11
68WR196	<100	70	N	15	N	500	N	—	—	—	—	—	—	11
68WR197C	N	100	N	20	N	150	N	—	—	—	—	—	—	11
68WR197D	500	10	N	N	N	20	N	—	—	—	—	—	—	11
68WR198	200	10	N	N	N	N	N	—	—	—	—	—	—	11
68WR199	700	200	N	30	N	150	N	—	—	—	—	—	—	11
68WR200A	500	150	N	20	N	70	N	—	—	—	—	—	—	11
68WR201	300	<10	N	N	N	N	N	—	—	—	—	—	—	11
68WR202	<100	150	N	30	N	200	N	—	—	—	—	—	—	11
68WR203	500	200	N	30	N	100	N	—	—	—	—	—	—	11
68WR206	200	150	N	20	N	100	N	—	—	—	—	—	—	11
68WR211A	100	10	N	N	N	N	N	—	—	—	—	—	—	11
68WR212	N	<10	N	N	N	N	N	—	—	—	—	—	—	11
68WR213A	N	100	N	<10	N	N	N	—	—	—	—	—	—	11
68WR213B	200	20	N	70	N	700	N	—	—	—	—	—	—	11
68WR214	N	200	N	N	N	10	N	—	—	—	—	—	—	11
68WR215	N	<10	N	N	N	N	N	—	—	—	—	—	—	11
68WR216A	200	<10	N	N	N	N	N	—	—	—	—	—	—	11
68WR216B	N	<10	N	<10	N	N	N	—	—	—	—	—	—	11
68WR217	<100	<10	N	N	N	<10	N	—	—	—	—	—	—	11
68WR218	N	10	N	10	N	N	N	—	—	—	—	—	—	11
68WR220	150	10	N	N	N	N	N	—	—	—	—	—	—	11
68WR221A	200	500	N	20	N	20	N	—	—	—	—	—	—	11
68WR221B	100	150	N	10	N	10	N	—	—	—	—	—	—	11
68WR222A	N	<10	N	100	N	>1,000	N	—	—	—	—	—	—	11
68WR223	100	150	N	15	2,000	70	N	—	—	—	—	—	—	11
68WR224	1,000	100	N	50	N	200	N	—	—	—	—	—	—	11
68WR225A	1,000	70	N	20	N	100	N	—	—	—	—	—	—	11
68WR225B	N	300	N	20	<200	100	N	—	—	—	—	—	—	11
68WR226A	N	200	N	30	N	150	N	—	—	—	—	—	—	11
68WR226B	N	200	N	30	N	150	N	—	—	—	—	—	—	11
68WR227A	N	10	N	N	N	N	N	—	—	—	—	—	—	11
68WR227B	500	15	N	10	N	<10	N	—	—	—	—	—	—	11

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
68WR228	65 32 8	147 52 21	7.00	3.00	5.00	.500	1,000	N	N	N	20	1,000
68WR229	65 38 29	147 14 48	15.00	5.00	10.00	>1.000	1,500	N	N	N	<10	500
68WR231	65 38 19	147 14 23	10.00	5.00	3.00	>1.000	1,000	N	N	N	10	>5,000
68WR232A	65 38 12	147 14 13	10.00	5.00	10.00	1.000	1,500	N	N	N	10	700
68WR232B	65 38 12	147 14 13	3.00	2.00	.05	.200	150	N	N	N	15	500
68WR233	65 38 5	147 14 3	2.00	2.00	>20.00	.200	300	N	N	N	N	300
68WR235	65 37 48	147 13 37	10.00	5.00	5.00	>1.000	1,000	N	N	N	10	5,000
68WR236	65 40 6	147 13 2	10.00	7.00	7.00	1.000	1,000	N	N	N	10	>5,000
68WR238B	65 40 22	147 11 39	.50	.20	.07	.100	150	7.0	N	N	10	500
68WR239B	65 41 5	147 14 25	10.00	2.00	.15	.500	2,000	N	N	N	100	1,000
68WR240	65 38 39	147 20 46	10.00	7.00	3.00	.700	1,500	N	N	N	N	<20
68WR241A	65 38 13	147 20 51	2.00	2.00	2.00	.500	200	N	N	N	<10	300
68WR242	65 38 17	147 19 57	2.00	1.50	.07	.500	200	N	N	N	50	700
68WR245	65 20 22	147 49 2	3.00	1.50	<.05	.500	200	N	N	N	100	1,000
68WR250B	65 22 18	147 55 55	.10	2.00	>20.00	.010	50	N	N	N	N	100
68WR251A	65 21 40	147 54 40	2.00	.30	.15	.200	500	N	N	N	30	700
68WR251B	65 21 40	147 54 40	15.00	2.00	<.05	.700	700	N	N	N	150	1,500
68WR252	65 24 0	147 54 11	20.00	5.00	10.00	>1.000	2,000	N	N	N	10	500
68WR253	65 24 33	147 54 8	5.00	1.50	.05	.500	300	N	N	N	50	1,000
68WR254	65 24 52	147 54 21	.10	1.00	<.05	.300	100	<.5	N	N	100	5,000
68WR272A	65 45 42	147 1 50	15.00	3.00	.50	.700	1,000	N	N	N	100	1,000
68WR273B	65 46 52	147 0 44	15.00	3.00	2.00	1.000	3,000	<.5	N	N	150	2,000
68WR274	65 47 43	147 0 57	1.00	.50	<.05	.100	150	N	N	N	50	300
68WR275	65 48 5	147 1 2	15.00	10.00	10.00	.700	2,000	N	N	N	20	2,000
68WR276	65 45 4	147 26 52	7.00	7.00	2.00	.700	700	N	N	N	20	1,000
68WR277B	65 45 9	147 27 13	7.00	2.00	3.00	.500	700	N	N	N	20	2,000
68WR278	65 30 0	147 30 0	7.00	2.00	1.00	.700	700	<.5	N	N	100	3,000
68WR279	65 45 39	147 28 30	10.00	2.00	.05	1.000	1,000	N	N	N	150	1,000
68WR280A	65 45 47	147 28 47	15.00	2.00	<.05	1.000	3,000	N	N	N	150	700
68WR281	65 46 32	147 29 48	.50	.15	<.05	1.000	50	N	N	N	30	1,000
68WR282	65 46 36	147 37 55	10.00	3.00	10.00	1.000	2,000	N	N	N	20	3,000
68WR283	65 40 27	147 45 37	7.00	2.00	.05	.700	700	N	N	N	70	700
68WR284	65 40 46	147 46 34	15.00	5.00	7.00	>1.000	1,000	N	N	N	50	700
68WR285	65 41 6	147 46 28	15.00	7.00	10.00	1.000	2,000	N	N	N	<10	100
68WR286B	65 41 12	147 46 37	15.00	3.00	1.50	.700	1,000	N	N	N	50	1,000
68WR287A	65 27 32	147 50 50	5.00	1.00	.05	.300	200	N	N	N	50	300
68WR287B	65 27 32	147 50 50	15.00	5.00	15.00	1.000	3,000	N	N	N	<10	200
68WR288	65 27 54	147 49 42	.10	.02	<.05	.200	20	N	N	N	70	150
68WR290A	65 28 54	147 49 59	15.00	3.00	.50	1.000	3,000	N	N	N	20	300
68WR291A	65 25 51	147 54 9	20.00	5.00	20.00	1.000	2,000	N	N	N	20	150
68WR292	65 24 17	147 47 49	10.00	1.50	.10	.500	500	N	N	N	70	1,000
68WR294	65 28 31	147 24 29	3.00	.50	.07	.300	500	N	N	N	10	30
68WR295	65 29 20	147 22 11	3.00	.20	.50	.200	500	N	N	N	30	300
68WR296B	65 28 39	147 24 12	2.00	1.50	2.00	.300	1,500	N	N	N	20	50
68WR297	65 30 23	147 24 26	7.00	1.50	<.05	.500	500	N	N	N	50	500

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
68WR228	N	N	N	15	200	50	N	N	N	30	10	N	30	N
68WR229	<1.0	N	N	50	50	70	50	N	20	20	15	N	30	N
68WR231	<1.0	N	N	15	N	30	70	N	30	N	10	N	20	N
68WR232A	N	N	N	30	500	100	N	N	<20	50	10	N	50	N
68WR232B	N	N	N	<5	15	<5	N	N	N	N	N	N	5	N
68WR233	N	N	N	<5	50	10	30	N	N	7	10	N	5	N
68WR235	N	N	N	70	200	150	N	N	20	50	10	N	30	N
68WR236	N	N	N	50	200	100	N	N	<20	50	N	N	50	N
68WR238B	N	N	N	N	<10	15	N	N	N	N	N	N	N	N
68WR239B	<1.0	N	N	30	200	50	N	N	N	50	20	N	20	N
68WR240	N	N	N	30	<10	N	20	N	20	50	N	N	7	N
68WR241A	N	N	N	15	150	<5	70	N	N	20	15	N	15	N
68WR242	<1.0	N	N	10	30	N	N	N	N	10	N	N	7	N
68WR245	1.0	N	N	10	100	20	70	N	N	30	20	N	10	N
68WR250B	N	N	N	N	10	N	N	N	N	N	N	N	N	N
68WR251A	N	N	N	N	30	10	N	N	N	7	10	N	7	N
68WR251B	1.0	N	N	15	200	30	70	N	<20	50	30	N	30	N
68WR252	N	N	N	70	50	70	50	N	70	30	N	N	30	N
68WR253	<1.0	N	N	5	30	15	50	N	N	20	20	N	10	N
68WR254	1.5	N	N	N	20	<5	N	10	N	N	15	N	10	N
68WR272A	N	N	N	20	150	50	N	N	N	50	30	N	20	N
68WR273B	1.0	N	N	20	200	100	30	N	N	70	50	N	30	N
68WR274	N	N	N	N	10	50	N	N	N	N	N	N	<5	N
68WR275	N	N	N	70	700	30	N	N	N	150	10	N	50	N
68WR276	N	N	N	15	700	30	N	N	N	200	<10	N	20	N
68WR277B	1.0	N	N	10	100	15	70	N	<20	10	50	N	20	<10
68WR278	1.0	N	N	10	200	70	20	N	N	70	20	N	20	N
68WR279	<1.0	N	N	15	150	50	70	N	<20	50	20	N	20	N
68WR280A	1.0	N	N	15	300	30	50	N	<20	30	15	N	20	N
68WR281	N	N	N	N	10	15	N	N	N	50	N	N	<5	N
68WR282	1.0	N	N	15	20	70	100	N	100	7	20	N	7	N
68WR283	<1.0	N	N	10	100	30	N	N	N	50	N	N	15	N
68WR284	N	N	N	70	300	70	N	N	N	70	N	N	30	N
68WR285	<1.0	N	N	30	300	50	N	N	N	50	10	N	30	N
68WR286B	N	N	N	15	30	70	N	N	N	15	10	N	30	N
68WR287A	N	N	N	N	20	10	N	N	N	10	<10	N	N	N
68WR287B	N	N	N	50	150	150	N	N	N	50	<10	N	30	N
68WR288	N	N	N	N	10	<5	N	N	N	N	N	N	N	N
68WR290A	N	N	N	20	150	50	N	N	N	50	10	N	20	N
68WR291A	N	N	N	30	200	150	N	N	N	50	N	N	30	N
68WR292	<1.0	N	N	<5	30	20	30	N	N	20	15	N	7	N
68WR294	N	N	N	N	15	7	N	N	N	N	N	N	<5	150
68WR295	1.0	N	N	N	<10	10	100	N	N	N	30	N	5	30
68WR296B	N	N	N	N	20	10	N	N	N	N	10	N	N	20
68WR297	N	N	N	N	70	10	20	N	N	7	N	N	7	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
68WR228	500	200	N	30	N	100	N	--	--	--	--	--	--	11
68WR229	150	300	N	50	N	200	N	--	--	--	--	--	--	11
68WR231	1,000	70	N	70	N	200	N	--	--	--	--	--	--	11
68WR232A	700	300	N	20	N	70	N	--	--	--	--	--	--	11
68WR232B	N	200	N	10	N	50	N	--	--	--	--	--	--	11
68WR233	1,000	30	N	15	N	50	N	--	--	--	--	--	--	11
68WR235	300	200	N	20	N	100	N	--	--	--	--	--	--	11
68WR236	500	200	N	30	N	100	N	--	--	--	--	--	--	11
68WR238B	N	10	N	<10	N	300	N	--	--	--	--	--	--	11
68WR239B	N	300	N	50	N	150	N	--	--	--	--	--	--	11
68WR240	N	150	N	30	N	150	N	--	--	--	--	--	--	11
68WR241A	200	100	N	50	N	200	N	--	--	--	--	--	--	11
68WR242	<100	50	N	15	N	300	N	--	--	--	--	--	--	11
68WR245	<100	70	N	20	N	150	N	--	--	--	--	--	--	11
68WR250B	300	<10	N	N	N	<10	N	--	--	--	--	--	--	11
68WR251A	N	50	N	15	N	500	N	--	--	--	--	--	--	11
68WR251B	<100	150	N	30	N	150	N	--	--	--	--	--	--	11
68WR252	500	500	N	50	N	300	N	--	--	--	--	--	--	11
68WR253	N	50	N	30	N	>1,000	N	--	--	--	--	--	--	11
68WR254	N	500	N	20	N	100	N	--	--	--	--	--	--	11
68WR272A	<100	300	N	30	N	150	N	--	--	--	--	--	--	11
68WR273B	100	500	N	50	300	200	N	--	--	--	--	--	--	11
68WR274	N	50	N	<10	N	20	N	--	--	--	--	--	--	11
68WR275	N	300	N	30	N	70	N	--	--	--	--	--	--	11
68WR276	<100	200	N	20	N	200	N	--	--	--	--	--	--	11
68WR277B	<100	70	N	70	N	300	N	--	--	--	--	--	--	11
68WR278	<100	500	N	30	200	200	N	--	--	--	--	--	--	11
68WR279	100	150	N	30	N	200	N	--	--	--	--	--	--	11
68WR280A	<100	150	N	30	N	150	N	--	--	--	--	--	--	11
68WR281	<100	150	N	10	N	50	N	--	--	--	--	--	--	11
68WR282	>5,000	100	N	50	N	300	N	--	--	--	--	--	--	11
68WR283	N	100	N	15	N	150	N	--	--	--	--	--	--	11
68WR284	200	300	N	20	N	150	N	--	--	--	--	--	--	11
68WR285	1,000	200	N	30	N	150	N	--	--	--	--	--	--	11
68WR286B	200	200	N	20	N	150	N	--	--	--	--	--	--	11
68WR287A	<100	50	N	10	N	700	N	--	--	--	--	--	--	11
68WR287B	500	700	N	20	N	100	N	--	--	--	--	--	--	11
68WR288	N	15	N	<10	N	500	N	--	--	--	--	--	--	11
68WR290A	<100	500	N	30	N	150	N	--	--	--	--	--	--	11
68WR291A	N	500	N	30	N	100	N	--	--	--	--	--	--	11
68WR292	<100	100	N	20	N	300	N	--	--	--	--	--	--	11
68WR294	<100	20	N	20	N	>1,000	N	--	--	--	--	--	--	11
68WR295	N	10	N	70	N	100	N	--	--	--	--	--	--	11
68WR296B	<100	20	N	10	N	500	N	--	--	--	--	--	--	11
68WR297	<100	70	N	15	N	300	N	--	--	--	--	--	--	11

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
68MR298B	65 30 42	147 23 32	7.00	2.00	<.05	1.000	700	N	N	N	200	2,000
68MR299	65 30 0	147 30 0	2.00	.10	1.00	.150	300	N	N	N	50	150
B6BD04	65 37 23	147 20 40	10.00	5.00	1.00	.700	500	N	N	N	20	300
B6BB05B	65 37 16	147 21 11	20.00	.20	1.00	.050	150	<.5	N	N	N	200
B6BB06B	65 30 58	147 34 38	7.00	3.00	1.00	1.000	1,000	<.5	N	N	10	100
B6BB08	65 30 52	147 34 33	<.05	2.00	20.00	.010	10	N	N	N	N	<20
B6BB09	65 30 50	147 34 28	.20	.30	>20.00	.010	100	N	N	N	N	<20
B6BB10	65 30 47	147 34 24	.30	.30	20.00	.070	200	N	N	N	10	30
B6BD13A	65 37 45	147 12 58	2.00	2.00	15.00	.200	700	N	N	N	30	2,000
B6BD13B	65 37 45	147 12 58	5.00	2.00	1.50	.700	300	N	N	N	70	>5,000
B6BD18	65 43 20	147 45 33	N	.70	>20.00	.005	100	N	N	N	N	30
B6BB24	65 37 17	147 23 5	<.05	.30	>20.00	.010	10	N	N	N	N	5,000
B6BB40	65 29 12	147 33 9	.07	.30	20.00	.010	10	N	N	N	10	30
B6BB43	65 29 30	147 32 50	5.00	2.00	2.00	.500	500	N	N	N	<10	500
B6BB45	65 29 29	147 32 18	.05	.30	>20.00	.010	10	N	N	N	<10	70
B6BB46	65 35 18	146 53 15	2.00	1.00	5.00	.200	500	N	N	N	N	100
B6BB48	65 38 26	147 10 10	.10	.30	>20.00	.030	70	N	N	N	<10	100
B6BB49	65 34 48	147 27 30	<.05	.20	>20.00	.005	15	N	N	N	N	50
B6CA01	65 39 19	147 46 20	5.00	2.00	5.00	.500	1,000	N	N	N	<10	150
B6CA02	65 39 18	147 46 25	1.00	1.00	2.00	.150	150	N	N	N	10	700
B6CA03	65 39 14	147 46 35	3.00	10.00	7.00	.070	700	N	N	N	<10	500
B6CA04A	65 39 14	147 46 37	.70	.30	.05	.150	70	N	N	N	30	500
B6CA04B	65 39 14	147 46 37	.50	.10	<.05	.050	70	N	N	N	50	200
B6CA05	65 39 10	147 46 30	5.00	3.00	5.00	.500	1,000	N	N	N	<10	50
B6CA06	65 39 12	147 46 19	5.00	>10.00	2.00	.200	1,000	N	N	N	15	20
B6CA09	65 38 32	147 46 34	5.00	>10.00	.20	.020	700	N	N	N	10	N
B6CA12A	65 38 21	147 36 30	7.00	3.00	5.00	1.000	1,000	N	N	N	<10	30
B6CA12B	65 38 21	147 36 30	7.00	2.00	5.00	.700	1,000	N	N	N	<10	<20
B6CA14	65 37 49	147 35 40	3.00	2.00	.15	.300	700	N	N	N	50	500
B6CA17	65 42 38	147 31 20	3.00	5.00	3.00	.150	1,000	N	N	N	20	20
B6CA21	65 42 16	147 32 30	5.00	7.00	10.00	.100	700	N	N	N	15	50
B6CA24	65 41 47	147 34 40	5.00	5.00	2.00	.500	1,500	N	N	N	30	100
B6CA25A	65 44 8	146 33 35	.50	.20	<.05	.200	20	3.0	N	N	200	5,000
B6CA26	65 43 25	146 29 0	.20	.10	.05	.070	10	N	N	N	30	1,000
B6CA27	65 44 37	147 21 23	5.00	5.00	2.00	.700	1,500	N	N	N	10	50
B6CA28	65 44 26	147 21 38	5.00	5.00	5.00	.200	1,000	N	N	N	50	100
B6CA30	65 45 57	147 11 56	3.00	2.00	.10	.300	1,000	N	N	N	30	100
B6CA31	65 27 13	147 47 19	2.00	1.00	.70	.200	700	N	N	N	20	200
B6CA32	65 27 20	148 46 8	5.00	5.00	5.00	.500	1,000	N	N	N	<10	500
B6CA33	65 27 20	148 46 8	5.00	>10.00	N	.002	500	N	N	N	30	<20
B6CA34	65 27 20	148 45 45	1.00	1.50	.70	.100	200	N	N	N	<10	>5,000
B6CA37	65 26 20	147 36 10	5.00	5.00	2.00	.300	1,000	N	N	N	30	100
B6CA39A	65 26 17	147 37 25	2.00	7.00	5.00	.010	500	N	N	N	10	20
B6CA39C	65 26 17	147 37 25	10.00	5.00	2.00	1.000	1,000	<.5	N	N	<10	20
B6CA40	65 26 45	147 39 1	2.00	1.00	3.00	.200	300	N	N	N	50	30

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA --Continued

Sample	Ba-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
68MR298B	<1.0	N	N	5	300	15	70	N	<20	N	10	N	20	10
68MR299	2.0	N	N	N	N	N	70	N	20	N	50	N	7	<10
B6BB04	<1.0	N	N	30	200	30	<20	N	20	50	<10	N	15	N
B6BB05B	N	N	N	N	20	15	<20	<5	N	15	30	N	<5	N
B6BB06B	<1.0	N	N	70	50	200	20	N	30	50	N	N	20	N
B6BB08	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6BB09	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
B6BB10	<1.0	N	N	N	<10	5	N	N	N	7	10	N	<5	N
B6BB13A	<1.0	N	N	20	70	20	<20	N	N	30	N	N	10	N
B6BB13B	<1.0	N	N	30	50	50	<20	N	20	30	<10	N	15	N
B6BD1B	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6BB24	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6BB40	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6BB43	<1.0	N	N	30	200	5	<20	N	N	20	<10	N	15	N
B6BB45	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6BB46	<1.0	N	N	30	200	15	30	N	20	100	<10	N	7	N
B6BB48	N	N	N	N	<10	N	N	N	N	<5	20	N	<5	N
B6BB49	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6CA01	<1.0	N	N	50	<10	70	N	N	N	10	N	N	30	N
B6CA02	N	N	N	10	10	N	N	N	N	10	<10	N	5	N
B6CA03	N	N	N	70	300	50	N	N	N	150	N	N	20	N
B6CA04A	<1.0	N	N	10	10	10	N	N	N	30	N	N	5	N
B6CA04B	N	N	N	<5	<10	5	N	N	N	7	N	N	<5	N
B6CA05	N	N	N	50	100	70	N	N	N	50	N	N	50	N
B6CA06	N	N	N	70	2,000	15	N	N	N	1,000	N	N	20	N
B6CA09	N	N	N	50	>5,000	100	N	N	N	1,000	N	N	7	N
B6CA12A	<1.0	N	N	50	150	20	N	N	N	70	N	N	30	N
B6CA12B	<1.0	N	N	50	10	50	N	N	N	10	N	N	30	N
B6CA14	<1.0	N	N	10	70	10	N	N	N	20	N	N	10	N
B6CA17	N	N	N	30	100	7	N	N	N	50	N	N	30	N
B6CA21	N	N	N	50	500	50	N	N	N	200	N	N	20	N
B6CA24	N	N	N	30	100	10	N	N	N	30	N	N	20	N
B6CA25A	1.0	N	N	N	200	30	N	15	N	15	10	N	7	N
B6CA26	N	N	N	N	<10	<5	N	N	N	7	N	N	<5	N
B6CA27	N	N	N	30	150	20	N	N	N	70	N	N	30	N
B6CA28	N	N	N	50	50	50	N	N	N	10	N	N	30	N
B6CA30	<1.0	N	N	15	70	15	N	N	N	30	<10	N	15	N
B6CA31	<1.0	N	N	15	300	10	N	N	N	100	<10	N	15	N
B6CA32	N	N	N	30	20	<5	N	N	N	30	N	N	30	N
B6CA33	N	N	N	70	5,000	10	N	N	N	1,500	N	N	10	N
B6CA34	N	N	N	15	50	N	N	N	N	50	N	N	<5	N
B6CA37	N	N	N	30	200	30	N	N	N	50	N	N	30	N
B6CA39A	N	N	N	50	150	200	N	N	N	500	N	N	<5	N
B6CA39C	<1.0	N	N	50	150	50	N	N	N	30	N	N	50	N
B6CA40	N	N	N	10	N	20	N	N	N	20	N	N	5	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
68WR2988	<100	300	N	50	N	150	N	—	—	—	—	—	—	11
68WR299	N	<10	N	150	N	300	N	—	—	—	—	—	—	11
B6BB04	100	150	N	20	N	150	N	—	N	N	N	N	100	31
B6BB05B	N	100	N	N	200	15	N	N	20	N	2.30	6	300	31
B6BB06B	<100	200	N	30	N	100	N	--	N	N	N	N	85	20
B6BB08	150	10	N	N	N	10	N	—	N	N	N	N	N	21
B6BB09	100	15	N	N	N	10	N	--	N	N	N	N	5	21
B6BB10	N	20	N	20	N	30	N	--	N	N	.60	N	40	21
B6BB13A	150	100	N	20	N	50	N	—	N	N	N	N	60	12
B6BB13B	<100	150	N	20	N	100	N	--	N	N	N	N	110	21
B6BB18	200	N	N	N	N	N	N	—	N	N	.10	N	10	21
B6BB24	200	<10	N	N	N	<10	N	--	N	N	N	N	N	21
B6BB40	200	10	N	N	N	10	N	—	N	N	N	N	5	21
B6BB43	200	100	N	20	N	150	N	--	N	N	.20	N	75	32
B6BB45	150	<10	N	N	N	10	N	—	N	N	N	N	10	21
B6BB46	200	70	N	10	N	100	N	—	N	N	N	N	75	21
B6BB48	700	15	N	10	N	10	N	--	N	N	.40	N	20	21
B6BB49	300	<10	N	N	N	<10	N	--	N	N	N	N	5	21
B6CA01	200	200	N	30	N	70	N	--	N	N	.10	N	45	31
B6CA02	500	30	N	N	N	100	N	--	N	N	.10	N	60	29
B6CA03	300	70	N	N	N	N	N	—	N	N	.20	N	60	31
B6CA04A	N	70	N	10	N	50	N	--	N	N	.20	N	25	28
B6CA04B	N	20	N	N	N	20	N	--	N	N	.10	N	35	34
B6CA05	200	200	N	30	N	50	N	--	N	N	.10	2	40	32
B6CA06	N	100	N	10	N	20	N	--	N	N	.30	N	30	32
B6CA09	N	50	N	N	N	N	N	—	N	N	.10	N	20	0
B6CA12A	150	200	N	50	N	70	N	--	N	N	.10	N	65	31
B6CA12B	150	200	N	30	N	70	N	--	N	N	.10	N	30	31
B6CA14	<100	100	N	10	N	70	N	—	N	N	.20	N	55	17
B6CA17	<100	150	N	10	N	N	N	—	N	N	.20	N	5	32
B6CA21	N	70	N	10	N	N	N	--	N	N	.20	N	N	32
B6CA24	100	300	N	20	N	50	N	--	N	N	.20	N	65	31
B6CA25A	<100	500	N	50	N	100	N	N	N	N	.20	N	5	28
B6CA26	N	50	N	<10	N	30	N	--	N	N	.10	N	10	28
B6CA27	100	200	N	30	N	70	N	--	N	N	.10	N	100	31
B6CA28	100	200	N	10	N	N	N	--	N	N	.20	N	45	31
B6CA30	100	150	N	15	N	70	N	--	N	N	.30	N	95	17
B6CA31	100	100	N	20	N	100	N	--	N	N	.60	N	95	17
B6CA32	200	300	N	10	N	30	N	--	N	N	.20	N	75	32
B6CA33	N	70	N	N	N	N	N	--	N	N	.20	N	40	32
B6CA34	700	30	N	N	N	70	N	--	N	N	.20	N	15	31
B6CA37	100	200	N	15	N	50	N	--	N	N	.20	N	80	31
B6CA39A	N	N	N	N	N	<10	N	--	N	N	.20	N	10	32
B6CA39C	<100	200	N	50	N	100	N	--	N	N	.20	N	30	31
B6CA40	200	50	N	10	N	20	N	—	N	N	.20	N	5	31

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
86CA41A	65 25 49	147 39 31	5.00	2.00	2.00	.700	1,000	N	N	N	<10	70
86CA41B	65 25 49	147 39 31	3.00	>10.00	N	.002	500	N	N	N	30	N
86CA41C	65 25 49	147 39 31	5.00	>10.00	N	.002	500	N	N	N	50	N
86CA45	65 23 45	147 48 7	5.00	2.00	1.50	.500	1,000	N	N	N	10	100
86CA46	65 23 0	147 49 20	5.00	>10.00	N	<.002	500	N	N	N	20	<20
86CA47	65 22 55	147 49 30	7.00	10.00	2.00	1.000	1,000	N	N	N	15	50
86DD002	65 36 36	147 19 2	5.00	2.00	3.00	.700	700	N	N	N	50	2,000
86DD003	65 36 34	147 18 43	5.00	3.00	3.00	.700	700	N	N	N	<10	>5,000
86DD004	65 36 32	147 18 27	5.00	2.00	5.00	.500	1,000	N	N	N	30	1,000
86DD008	65 37 30	147 18 0	5.00	2.00	2.00	.500	700	N	N	N	100	700
86DD009	65 37 38	147 17 55	1.50	1.00	<.05	.500	70	<.5	N	N	150	1,000
86DD010	65 37 25	147 17 48	2.00	2.00	20.00	.700	1,000	N	N	N	<10	500
86DD032A	65 35 13	148 28 52	.10	<.02	<.05	.015	15	N	N	N	50	200
86DD033	65 34 33	148 28 55	.05	.02	.05	.015	<10	N	N	N	15	200
86DD034B	65 34 30	148 28 30	<.05	5.00	20.00	<.002	10	N	N	N	15	N
86DD036	65 33 53	148 30 20	<.05	7.00	>20.00	<.002	20	N	N	N	<10	<20
86DD040A	65 30 51	148 51 15	.30	.30	20.00	.050	150	N	N	N	20	150
86DD040B	65 30 51	148 51 15	1.00	1.00	>20.00	.050	5,000	N	N	N	15	500
86DD040C	65 30 51	148 51 15	3.00	2.00	.07	.300	300	N	N	N	70	1,000
86DD043A	65 30 56	148 31 15	.70	.50	.05	.100	70	N	N	N	50	300
86DD046A	65 30 43	148 31 17	1.00	.50	.20	.100	100	N	N	N	50	200
86DD062A	65 36 2	147 32 42	1.50	.70	<.05	.200	500	N	N	N	20	200
86DD062B	65 36 2	147 32 42	2.00	1.00	.07	.200	500	N	N	N	30	500
86DD063A	65 35 46	147 32 19	2.00	.70	20.00	.150	1,500	N	N	N	50	150
86DD063B	65 35 46	147 32 19	.05	.05	<.05	.002	<10	N	N	N	<10	<20
86DD064	65 35 47	147 32 10	.07	<.02	<.05	.100	10	N	N	N	20	50
86DD065A	65 35 40	147 28 48	5.00	5.00	5.00	.700	1,000	N	N	N	20	100
86DD065B	65 35 40	147 28 48	5.00	5.00	5.00	.500	1,000	N	N	N	50	300
86DD065C	65 35 40	147 28 48	3.00	1.50	3.00	.300	1,000	N	N	N	<10	700
86DD065D	65 35 40	147 28 48	7.00	5.00	2.00	.700	1,000	N	N	N	10	20
86DD066	65 35 45	147 29 19	5.00	2.00	5.00	.500	1,000	N	N	N	20	1,000
86DD067A	65 35 40	147 29 5	5.00	2.00	2.00	.700	1,500	N	N	N	20	300
86DD067B	65 35 40	147 29 5	5.00	2.00	3.00	.700	1,500	N	N	N	20	30
86DD068A	65 36 0	147 31 15	.05	<.02	<.05	.100	10	N	N	N	<10	30
86DD068B	65 36 0	147 31 15	.05	<.02	<.05	.100	30	N	N	N	<10	30
86DD069A	65 36 40	147 27 50	10.00	3.00	2.00	1.000	1,500	N	N	N	20	1,000
86DD069B	65 36 40	147 27 50	5.00	2.00	2.00	.700	1,000	N	N	N	10	5,000
86DD070A	65 36 35	147 27 35	.05	.50	>20.00	.015	20	N	N	N	N	30
86DD071A	65 36 53	147 29 7	5.00	1.50	2.00	1.000	1,000	N	N	N	10	500
86DD072A	65 36 48	147 30 9	5.00	2.00	2.00	.700	1,000	N	N	N	10	200
86DD073A	65 36 35	147 29 50	.05	.02	<.05	.070	10	N	N	N	15	300
86DD074A	65 40 18	147 19 42	.50	.05	.10	.100	500	<.5	N	N	70	100
86DD074B	65 40 18	147 19 42	1.00	.10	<.05	.200	200	<.5	N	N	150	200
86DD075A	65 41 13	147 20 53	3.00	1.50	.30	.300	1,000	N	N	N	20	100
86DD075B	65 41 13	147 20 53	2.00	1.00	.50	.300	1,000	N	N	N	15	150

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
86CA41A	N	N	N	30	N	30	N	N	N	5	N	N	30	N
86CA41B	N	N	N	70	2,000	10	N	N	N	1,000	N	N	10	N
86CA41C	N	N	N	70	2,000	N	N	N	N	1,000	N	N	10	N
86CA45	<1.0	N	N	30	10	20	N	N	N	20	N	N	20	N
86CA46	N	N	N	100	2,000	<5	N	N	N	1,000	N	N	10	N
86CA47	N	N	N	50	300	50	N	N	N	70	N	N	50	N
86DB002	1.0	N	N	50	200	50	<20	N	N	70	<10	N	30	N
86DB003	1.0	N	N	50	200	30	20	N	N	70	N	N	20	N
86DB004	<1.0	N	N	70	500	70	<20	N	N	200	N	N	30	N
86DB008	<1.0	N	N	50	300	50	N	N	20	70	N	N	20	N
86DD009	1.5	N	N	N	100	7	50	N	30	10	<10	N	15	N
86DD010	1.0	N	N	50	300	20	50	N	20	70	<10	N	20	N
86DB032A	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
86DD033	N	N	N	N	N	7	N	N	N	<5	N	N	N	N
86DB034B	N	N	N	N	N	N	N	N	N	N	N	N	N	N
86DD036	N	N	N	N	N	N	N	N	N	N	N	N	N	N
86DB040A	<1.0	N	N	N	<10	10	N	N	N	7	<10	N	<5	N
86DD040B	<1.0	N	N	5	20	10	N	N	N	20	<10	N	5	N
86DD040C	1.0	N	N	20	200	50	N	N	N	100	10	N	15	N
86DD043A	<1.0	N	N	7	10	7	N	N	N	15	N	N	5	N
86DD046A	<1.0	N	N	7	10	10	N	N	N	15	N	N	5	N
86DB062A	<1.0	N	N	15	70	10	N	N	N	30	N	N	10	N
86DD062D	<1.0	N	N	15	100	15	N	N	N	30	N	N	10	N
86DB063A	<1.0	N	N	10	150	10	N	N	N	30	<10	N	10	N
86DB063B	N	N	N	N	N	N	N	N	N	N	N	N	N	N
86DD064	N	N	N	N	<10	N	N	N	N	N	20	N	N	N
86DD065A	<1.0	N	N	50	200	50	N	N	<20	70	N	N	30	N
86DB065B	<1.0	N	N	50	200	30	N	N	<20	70	N	N	20	N
86DB065C	N	N	N	15	150	100	N	N	N	30	<10	N	15	N
86DD065D	<1.0	N	N	70	500	20	50	N	20	100	N	N	30	N
86DB066	<1.0	N	N	50	70	30	<20	N	<20	50	N	N	20	N
86DD067A	1.0	N	N	50	50	70	50	N	30	70	N	N	30	N
86DD067B	1.0	N	N	50	50	50	50	N	20	50	<10	N	30	N
86DD068A	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
86DB068B	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
86DD069A	<1.0	N	N	70	100	50	50	N	50	70	N	N	30	N
86DD069B	<1.0	N	N	50	50	50	50	N	20	50	N	N	20	N
86DD070A	N	N	N	N	N	N	N	N	N	N	N	N	N	N
86DB071A	<1.0	N	N	50	N	100	30	N	N	50	N	N	30	N
86DB072A	<1.0	N	N	50	100	70	N	N	N	70	N	N	30	N
86DD073A	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
86DD074A	<1.0	N	N	5	20	5	N	N	N	20	N	N	<5	N
86DD074B	1.0	N	N	7	30	10	N	N	N	20	<10	N	7	N
86DD075A	<1.0	N	N	20	100	30	N	N	N	50	<10	N	20	N
86DB075B	<1.0	N	N	20	100	15	N	N	N	50	<10	N	20	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6CA41A	200	200	N	30	N	50	N	--	N	N	.20	N	40	31
B6CA41B	N	30	N	<10	N	N	N	--	N	N	.20	N	25	32
B6CA41C	N	15	N	N	N	N	N	--	N	N	.10	N	10	32
B6CA45	100	150	N	50	N	70	N	--	N	N	.20	N	95	31
B6CA46	N	20	N	N	N	N	N	--	N	N	.20	N	65	32
B6CA47	<100	200	N	50	N	70	N	--	N	N	.10	N	55	31
B6DD002	300	200	N	20	N	100	N	--	N	N	N	N	50	31
B6DD003	100	200	N	20	N	100	N	--	N	N	.10	N	95	31
B6DD004	500	100	N	20	N	70	N	--	N	N	N	N	45	31
B6DD008	500	100	N	20	N	20	N	--	10	N	N	N	N	--
B6DD009	<100	100	N	20	N	200	N	--	N	N	N	N	35	31
B6DD010	200	100	N	20	N	100	N	--	N	N	N	N	40	31
B6DD032A	N	10	N	N	N	10	N	--	N	N	N	N	N	34
B6DD033	N	100	N	N	N	15	N	--	N	N	.20	N	20	34
B6DD034B	<100	N	N	N	N	<10	N	--	N	N	.20	N	10	21
B6DD036	100	N	N	N	N	<10	N	--	N	N	N	N	N	21
B6DD040A	500	50	N	10	N	15	N	--	N	N	.10	N	20	18
B6DD040B	500	50	N	15	N	20	N	--	N	N	N	N	30	18
B6DD040C	100	100	N	20	N	100	N	--	N	N	.20	N	110	18
B6DD043A	N	30	N	10	N	50	N	--	N	N	N	N	15	34
B6DD046A	N	50	N	15	N	70	N	--	N	N	.10	N	30	34
B6DD062A	<100	70	N	15	N	150	N	--	N	N	.20	N	55	16
B6DD062D	<100	100	N	15	N	70	N	--	N	N	.10	N	55	17
B6DD063A	1,000	70	N	15	N	70	N	--	N	N	.10	N	25	17
B6DD063B	N	10	N	N	N	N	N	--	N	N	N	N	N	13
B6DD064	N	10	N	<10	N	300	N	--	N	N	N	N	<5	25
B6DD065A	300	150	N	20	N	70	N	--	N	N	.10	N	45	32
B6DD065B	500	100	N	20	N	70	N	--	N	N	<.10	N	35	32
B6DD065C	200	100	N	15	N	50	N	--	N	N	.20	N	35	--
B6DD065D	<100	150	N	30	N	100	N	--	N	N	<.10	N	50	32
B6DD066	500	100	N	20	N	70	N	--	N	N	.10	N	55	32
B6DD067A	500	200	N	50	N	100	N	--	N	N	<.10	N	75	32
B6DD067B	700	200	N	30	N	150	N	--	N	N	<.10	N	40	32
B6DD068A	N	15	N	N	N	300	N	--	N	N	N	N	N	25
B6DD068B	N	15	N	N	N	300	N	--	N	N	.10	N	20	25
B6DD069A	300	300	N	50	N	100	N	--	N	N	.20	N	80	31
B6DD069B	500	200	N	30	N	100	N	--	N	N	.10	N	65	31
B6DD070A	300	10	N	N	N	<10	N	--	N	N	.10	N	<5	21
B6DD071A	200	200	N	50	N	100	N	--	N	N	.10	N	80	31
B6DD072A	300	200	N	20	N	50	N	--	N	N	.10	N	45	31
B6DD073A	N	20	N	<10	N	300	N	--	N	N	<.10	N	200	25
B6DD074A	N	100	N	10	200	300	N	--	N	N	1.10	N	290	25
B6DD074B	N	150	N	15	<200	300	N	--	N	N	.40	N	170	18
B6DD075A	100	150	N	20	N	70	N	--	N	N	.10	N	55	16
B6DD075B	150	150	N	20	N	70	N	--	N	N	.30	N	60	25

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
86D0076	65 41 0	147 15 30	2.00	.70	.05	.200	500	N	N	N	100	200
86D0077A	65 40 22	147 12 10	2.00	.70	<.05	.300	150	.7	N	N	150	1,000
86D0077B	65 40 22	147 12 10	3.00	1.00	1.00	.700	1,000	.7	N	N	10	2,000
86D0077C	65 40 22	147 12 10	5.00	5.00	3.00	1.000	1,000	N	N	N	50	1,500
86D0077D	65 40 22	147 12 10	5.00	2.00	3.00	.700	1,000	N	N	N	20	1,000
86D0078A	65 42 28	147 6 15	2.00	.70	.30	.100	1,500	N	N	N	100	150
86D0078B	65 42 28	147 6 15	2.00	1.00	.20	.500	500	N	N	N	200	700
86D0079A	65 41 43	147 6 30	2.00	.50	<.05	.200	200	N	N	N	100	100
86D0079B	65 41 43	147 6 30	2.00	.70	<.05	.150	200	N	N	N	100	300
86D0079C	65 41 43	147 6 30	2.00	.70	.05	.200	500	<.5	N	N	100	300
86D0080	65 41 51	147 5 59	.70	<.02	<.05	.150	200	N	N	N	15	50
86D0084B	65 46 25	146 35 50	.50	.05	<.05	.200	70	N	N	N	50	200
86D0085	65 46 32	146 35 39	.50	.03	<.05	.100	200	N	N	N	20	200
86D0086A	65 45 45	146 37 45	.50	.20	N	.300	10	.7	N	N	200	2,000
86D0086B	65 45 45	146 37 45	.70	.20	1.50	.005	150	N	N	N	10	70
86D0093	65 43 18	147 32 29	3.00	2.00	<.05	.200	300	N	N	N	50	700
86D0099	65 42 43	147 45 31	N	.15	>20.00	.005	300	N	N	N	N	<20
86D0100A	65 42 30	147 38 40	3.00	1.00	.20	.500	500	N	N	N	70	300
86D0100B	65 42 30	147 38 40	1.50	.20	N	.150	100	N	N	N	50	200
86D0101A	65 44 0	147 36 16	3.00	1.00	<.05	.300	700	N	N	N	150	500
86D0101B	65 44 0	147 36 10	5.00	3.00	3.00	.500	1,000	N	N	N	10	700
86D0102A	65 43 53	147 28 0	3.00	.70	<.05	.500	500	N	N	N	150	300
86D0102B	65 43 53	147 28 0	5.00	.70	<.05	.500	200	N	N	N	200	300
86D0103A	65 43 51	147 27 55	5.00	7.00	20.00	.020	>5,000	N	N	N	<10	20
86D0103B	65 43 51	147 27 55	3.00	7.00	20.00	.020	>5,000	<.5	N	N	10	<20
86D0105	65 43 45	146 46 0	.50	.03	<.05	.100	100	N	N	N	30	1,000
86D0106A	65 43 30	146 39 14	.05	.02	<.05	.070	10	N	N	N	20	1,000
86D0108	65 45 47	146 32 28	2.00	.50	.05	.300	300	N	N	N	150	700
86D0110A	65 45 8	146 44 59	.20	.05	N	.100	<10	<.5	N	N	50	1,000
86D0110B	65 45 8	146 44 59	.50	.05	N	.070	10	<.5	N	N	50	1,500
86D0110C	65 45 8	146 44 59	>20.00	<.02	N	.015	20	.5	N	N	N	150
86D0110D	65 45 8	146 44 59	.15	<.02	1.00	<.002	20	<.5	N	N	<10	30
86D0111A	65 45 20	146 45 0	.07	.02	N	.030	<10	N	N	N	20	1,000
86D0111B	65 45 20	146 45 0	<.05	.02	N	.100	<10	N	N	N	20	700
86D0111C	65 45 20	146 45 0	.15	.02	N	.100	<10	N	N	N	30	700
86D0112A	65 47 0	147 1 58	.20	.05	N	.050	100	N	N	N	15	100
86D0112B	65 47 0	147 1 58	1.50	.50	N	.200	15	<.5	N	N	200	5,000
86D0114A	65 47 26	147 4 18	.07	10.00	>20.00	.010	100	N	N	N	<10	50
86D0116A	65 43 21	147 29 45	.10	.05	.07	.015	500	N	N	N	20	70
86D0116B	65 43 21	147 29 45	3.00	.70	<.05	.300	2,000	N	N	N	100	500
86D0123A	65 45 26	147 23 10	.20	.03	.05	.020	30	N	N	N	15	300
86D0123B	65 45 26	147 23 10	3.00	1.00	.05	.300	100	<.5	N	N	100	500
86D0123C	65 45 26	147 23 10	1.50	.70	.15	.200	700	N	N	N	20	500
86D0124	65 45 20	147 22 53	.50	N	N	.002	300	N	N	N	<10	100
86D0125	65 45 18	147 22 45	<.05	>10.00	>20.00	<.002	50	N	N	N	N	<20

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6D0076	1.0	N	N	15	30	10	N	N	N	50	<10	N	7	N
B6D0077A	2.0	N	<20	5	50	15	N	N	30	20	100	N	10	N
B6D0077B	1.0	N	20	20	N	7	50	N	70	N	150	N	10	N
B6D0077C	<1.0	N	<20	70	500	70	20	N	<20	200	<10	N	30	N
B6D0077D	<1.0	N	N	30	150	50	30	N	<20	50	<10	N	30	N
B6D0078A	<1.0	N	N	15	10	10	N	N	N	30	N	N	5	N
B6D0078B	2.0	N	N	7	50	15	100	N	<20	20	<10	N	15	N
B6D0079A	<1.0	N	N	7	15	15	20	N	<20	30	<10	N	7	N
B6D0079B	<1.0	N	N	15	10	15	<20	N	N	30	N	N	5	N
B6D0079C	<1.0	N	N	<5	20	10	<20	N	N	30	<10	N	7	N
B6D0080	N	N	N	N	<10	<5	N	N	N	5	N	N	5	N
B6D0084B	<1.0	N	N	5	70	7	N	N	N	20	N	N	7	N
B6D0085	<1.0	N	N	5	50	<5	N	N	N	20	N	N	5	N
B6D0086A	1.5	N	N	N	50	N	<20	7	N	5	10	N	10	N
B6D0086B	N	N	N	N	N	15	N	N	N	20	<10	N	<5	N
B6D0093	1.0	N	N	20	150	20	N	N	N	100	<10	N	15	N
B6D0099	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6D0100A	1.0	N	N	10	<10	15	<20	N	N	10	<10	N	15	N
B6D0100B	<1.0	N	N	10	10	<5	<20	N	N	10	N	N	7	N
B6D0101A	2.0	N	N	15	70	15	50	N	N	30	<10	N	10	N
B6D0101B	1.0	N	N	50	150	50	N	N	N	100	<10	N	15	N
B6D0102A	2.0	N	N	20	70	5	70	N	N	50	<10	N	15	N
B6D0102B	3.0	N	N	20	70	7	50	N	N	50	<10	N	10	N
B6D0103A	N	N	N	7	15	7	N	N	N	30	<10	N	<5	N
B6D0103B	N	N	<20	N	10	50	N	N	N	10	300	N	<5	N
B6D0105	N	N	N	N	10	<5	N	N	N	5	N	N	N	N
B6D0106A	<1.0	N	N	N	N	N	N	N	N	N	N	N	N	N
B6D0108	1.0	N	N	15	100	20	20	N	N	70	N	N	20	N
B6D0110A	<1.0	N	N	N	<10	5	N	N	N	5	N	N	7	N
B6D0110B	<1.0	N	N	N	<10	10	N	N	N	5	N	N	5	N
B6D0110C	N	N	N	N	N	20	N	N	N	N	<10	N	N	N
B6D0110D	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
B6D0111A	<1.0	N	N	N	<10	N	N	N	N	N	N	N	N	N
B6D0111B	N	N	N	N	<10	N	N	N	N	<5	N	N	<5	N
B6D0111C	N	N	N	N	10	<5	N	N	N	N	N	N	N	N
B6D0112A	<1.0	N	N	N	N	5	N	N	N	5	N	N	N	N
B6D0112B	1.5	N	N	N	70	115	20	N	N	50	N	N	10	N
B6D0114A	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6D0116A	N	N	N	N	N	<5	N	N	N	<5	N	N	<5	N
B6D0116B	2.0	N	N	30	50	10	30	N	N	50	10	N	10	N
B6D0123A	N	N	N	N	<10	5	N	N	N	N	30	N	N	N
B6D0123B	1.0	N	N	15	150	20	N	N	N	70	10	N	10	N
B6D0123C	2.0	N	N	<5	N	<5	50	N	N	10	20	N	10	N
B6D0124	N	N	N	N	N	5	N	N	N	<5	N	N	N	N
B6D0125	N	N	N	N	N	N	N	N	N	N	<10	N	N	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6D0076	N	150	N	15	N	100	N	--	N	N	.10	N	60	28
B6D0077A	N	150	N	20	200	150	N	--	N	N	2.00	N	250	25
B6D0077B	500	100	N	50	1,000	150	N	--	N	N	8.90	N	1,100	28
B6D0077C	500	200	N	20	300	100	N	--	N	N	2.50	N	310	31
B6D0077D	500	200	N	20	N	100	N	--	N	N	.20	N	60	31
B6D0078A	N	50	N	20	N	150	N	--	N	N	1.10	N	50	28
B6D0078B	N	100	N	20	N	100	N	--	N	N	.30	N	65	--
B6D0079A	N	70	N	20	N	200	N	--	N	N	.20	N	70	18
B6D0079B	N	70	N	10	N	150	N	--	N	N	.10	N	55	18
B6D0079C	N	70	N	20	N	150	N	--	N	N	.40	N	110	18
B6D0080	N	30	N	15	N	300	N	--	N	N	.10	N	25	25
B6D0084B	N	100	N	10	N	100	N	--	N	N	.30	N	30	25
B6D0085	N	70	N	<10	N	50	N	--	N	N	.30	N	25	25
B6D0086A	N	300	N	15	N	100	N	N	N	N	.10	10	N	28
B6D0086B	100	10	N	<10	N	<10	N	--	10	N	2.10	N	35	13
B6D0093	N	100	N	20	N	70	N	--	N	N	.20	N	95	28
B6D0099	700	<10	N	N	N	10	N	--	N	N	.10	N	5	21
B6D0100A	100	150	N	20	N	100	N	--	N	N	.20	N	75	28
B6D0100B	N	50	N	<10	N	50	N	--	N	N	.10	N	15	34
B6D0101A	N	100	N	20	N	100	N	--	N	N	.20	N	95	28
B6D0101B	500	100	N	20	N	70	N	--	N	N	.20	N	85	31
B6D0102A	<100	100	N	20	N	100	N	--	N	N	.10	N	70	28
B6D0102B	<100	100	N	20	N	100	N	--	N	N	.20	N	75	28
B6D0103A	200	15	N	10	N	N	N	--	N	N	1.10	N	250	21
B6D0103B	150	15	N	10	300	N	N	--	10	N	3.70	N	540	21
B6D0105	N	20	N	<10	N	200	N	--	N	N	N	2	20	25
B6D0106A	N	15	N	<10	N	100	N	--	N	N	N	N	N	25
B6D0108	<100	200	N	30	N	100	N	--	N	N	.20	N	45	28
B6D0110A	N	150	N	10	N	50	N	N	N	N	N	8	N	18
B6D0110B	N	100	N	<10	N	30	N	N	N	N	N	6	N	18
B6D0110C	N	20	N	N	N	<10	N	N	10	N	.10	14	220	35
B6D0110D	200	<10	N	15	N	N	N	--	N	N	.10	N	5	13
B6D0111A	N	50	N	<10	N	50	N	N	N	N	<.10	8	N	16
B6D0111B	N	70	N	<10	N	100	N	--	N	N	<.10	N	N	29
B6D0111C	N	70	N	<10	N	150	N	--	N	N	<.10	N	N	25
B6D0112A	N	20	N	N	N	20	N	--	N	N	<.10	N	10	28
B6D0112B	N	200	N	10	N	100	N	--	N	N	.50	N	30	25
B6D0114A	150	<10	N	N	N	<10	N	--	N	N	<.10	N	5	21
B6D0116A	N	20	N	N	N	<10	N	--	N	N	<.10	N	5	34
B6D0116B	N	50	N	15	N	70	N	--	N	N	.10	N	45	28
B6D0123A	N	100	N	10	N	20	N	--	N	N	.10	N	20	17
B6D0123B	N	100	N	20	N	70	N	--	N	N	.30	N	100	28
B6D0123C	N	20	N	30	N	150	N	--	N	N	.30	N	20	25
B6D0124	N	10	N	N	N	N	N	--	N	N	.40	N	200	13
B6D0125	<100	N	N	N	N	N	N	--	N	N	.30	N	65	21

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6D0135A	65 52 47	147 15 53	1.00	.03	.05	.070	150	N	N	N	10	<20
B6KM04	65 36 33	147 18 44	5.00	2.00	3.00	.700	1,000	N	N	N	20	3,000
B6KM07	65 34 29	147 18 30	5.00	2.00	2.00	.700	700	N	N	N	20	1,500
B6KM09	65 36 26	147 18 20	5.00	2.00	3.00	.700	700	N	N	N	20	1,000
B6KM14	65 36 5	147 16 22	.50	.07	.07	.050	150	N	N	N	15	200
B6KM15	65 36 5	147 16 5	.70	.05	<.05	.070	50	N	N	N	30	500
B6KM16B	65 41 8	147 10 18	1.00	.50	10.00	.100	150	N	<200	N	50	300
B6KM34A	65 42 19	147 6 10	.10	.02	<.05	.010	50	N	N	N	<10	20
B6KM34B	65 42 22	147 6 25	.70	.05	.05	.100	5,000	N	N	N	70	150
B6KM36B	65 42 22	147 6 25	1.00	<.02	N	<.002	700	N	N	N	<10	30
B6KM49	65 43 40	147 24 40	.15	.07	N	.070	10	<.5	N	N	50	100
B6KM50	65 43 56	147 20 25	5.00	2.00	1.00	.200	700	.5	N	N	50	200
B6KM55	65 47 43	147 2 19	.50	1.50	1.50	.050	200	N	N	N	20	100
B6KM56	65 47 52	147 2 19	3.00	3.00	1.00	.500	700	N	N	N	<10	150
B6KM58	65 38 23	147 10 6	5.00	3.00	2.00	.700	700	N	N	N	20	2,000
B6KM59	65 23 51	147 46 51	3.00	1.50	.50	.500	1,000	N	N	N	20	50
B6KM62	65 24 0	147 47 45	2.00	.70	.05	.200	200	N	N	N	50	500
B6KM68A	65 37 15	147 21 10	5.00	2.00	1.00	.700	700	N	N	N	15	1,500
B6KM68B	65 37 15	147 21 10	5.00	2.00	1.00	.500	700	N	N	N	10	2,000
B6KM68C	65 37 15	147 21 10	7.00	2.00	1.00	.700	500	N	N	N	10	1,500
B6KM68F	65 37 15	147 21 10	2.00	1.50	2.00	.300	500	N	N	N	50	500
B6KM69	65 34 0	147 8 41	3.00	1.00	.05	.500	300	N	N	N	100	700
B6KM70	65 34 2	147 8 45	1.50	.70	.15	.200	300	N	N	N	50	300
B6KM70C	65 34 2	147 8 45	1.00	.50	.10	.200	200	N	N	N	150	300
B6KM73	65 34 42	147 9 30	1.00	.30	.10	.200	500	N	N	N	20	200
B6KM75	65 34 47	147 10 18	5.00	2.00	1.00	.300	1,000	<.5	N	N	10	700
B6MC03	65 48 5	146 49 11	.50	.30	.05	.150	70	N	N	N	100	700
B6MC04C	65 45 8	146 44 58	.05	.05	N	.050	<10	7.0	N	N	50	700
B6MC05	65 45 48	146 37 31	3.00	2.00	2.00	.100	1,000	N	N	N	70	300
B6MC06	65 29 9	147 4 31	.50	<.02	2.00	N	1,000	N	1,000	N	300	70
B6MC07	65 16 37	147 12 49	.20	.05	<.05	.050	70	N	N	N	<10	<20
B6MC08	65 16 53	147 1 17	1.00	.30	<.05	.100	100	N	N	N	30	150
B6MC09	65 22 0	147 2 27	.20	<.02	.05	.030	100	N	N	N	30	<20
B6MC10	65 28 51	147 18 11	1.50	1.00	<.05	.200	100	N	N	N	50	300
B6MC11	65 28 29	147 18 3	1.00	.07	.07	.070	150	N	N	N	10	100
B6MC12	65 28 20	147 18 25	.70	.05	.05	.070	200	N	N	N	20	100
B6MC13	65 28 14	147 18 29	.50	.03	.07	.050	150	N	N	N	20	100
B6MC14	65 28 9	147 18 31	.50	.03	.07	.050	150	N	N	N	20	50
B6MC15	65 28 49	147 16 20	3.00	1.00	<.05	.050	300	.7	N	N	<10	<20
B6MC17	65 28 28	147 23 2	2.00	.70	<.05	.500	70	<.5	N	N	70	500
B6MC19	65 41 44	147 11 55	2.00	.70	<.05	.300	150	.5	N	N	100	200
B6RI04B	65 45 52	146 41 15	10.00	2.00	1.50	.070	2,000	.5	N	N	20	500
B6RI06	65 29 3	147 4 30	1.00	.05	<.05	.100	100	N	N	N	70	700
B6RI09	65 28 13	147 9 7	.50	.07	.07	.050	100	N	N	N	30	50
B6RI17	65 30 34	147 19 45	1.50	.15	.15	.150	200	N	N	N	20	300

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
86DD135A	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
86KM04	<1.0	N	N	50	10	30	<20	N	<20	20	<10	N	15	N
86KM07	<1.0	N	N	70	200	100	N	N	<20	70	N	N	30	N
86KM09	<1.0	N	N	50	100	50	50	N	<20	50	N	N	30	N
86KM14	3.0	N	N	N	<10	<5	30	N	N	<5	20	N	<5	N
86KM15	<1.0	N	N	N	<10	<5	30	N	N	5	15	N	<5	N
86KM16B	<1.0	N	N	N	50	<5	N	N	N	N	N	N	<5	N
86KM34A	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
86KM36B	N	N	<20	20	<10	<5	N	N	N	30	N	N	<5	N
86KM36D	N	N	N	N	N	N	N	N	N	N	N	N	N	N
86KM49	<1.0	N	N	N	<10	7	N	N	N	N	N	N	<5	N
86KM50	<1.0	N	N	30	100	30	N	N	N	50	20	N	10	N
86KM55	N	N	N	N	<10	5	N	N	N	7	N	N	N	N
86KM56	<1.0	N	N	70	300	20	N	N	N	300	N	N	20	N
86KM58	<1.0	N	N	50	150	50	N	N	<20	50	<10	N	20	N
86KM59	1.0	N	N	30	<10	15	N	N	20	15	10	N	15	N
86KM62	1.0	N	N	<5	20	15	N	N	N	15	10	N	7	N
86KM68A	<1.0	N	N	70	200	100	N	N	30	70	<10	N	30	N
86KM68B	<1.0	N	N	50	100	20	N	N	20	50	10	N	20	N
86KM68C	<1.0	N	N	50	100	50	N	N	20	70	N	N	30	N
86KM68F	1.0	N	N	20	100	10	<20	N	<20	50	N	N	10	N
86KM69	2.0	N	N	20	100	20	70	N	<20	50	10	N	20	N
86KM70	1.0	N	N	10	50	10	<20	N	N	20	15	N	10	N
86KM70C	1.5	N	N	10	20	10	<20	N	N	20	<10	N	7	N
86KM73	<1.0	N	N	7	20	5	N	N	N	10	<10	N	5	N
86KM75	<1.0	N	N	50	100	100	N	N	N	50	10	N	20	N
86MC03	15.0	N	N	N	<10	7	N	N	30	N	N	N	<5	10
86MC04C	<1.0	N	N	N	<10	N	N	N	N	N	N	100	<5	N
86MC05	<1.0	N	<20	10	20	20	N	N	N	50	20	N	7	N
86MC06	7.0	N	N	15	N	N	>1,000	N	N	N	50	N	N	N
86MC07	N	N	N	N	N	<5	N	N	N	<5	N	N	<5	N
86MC08	<1.0	N	N	7	20	7	300	N	N	10	20	N	5	N
86MC09	5.0	N	N	N	N	<5	30	N	N	<5	20	N	N	N
86MC10	1.0	N	N	5	20	5	50	N	N	5	<10	N	7	N
86MC11	7.0	N	N	<5	N	<5	70	N	N	N	30	N	5	N
86MC12	7.0	N	N	<5	N	N	70	N	N	N	30	N	5	<10
86MC13	5.0	N	N	N	N	<5	50	N	N	N	30	N	<5	<10
86MC14	10.0	N	N	N	N	N	50	N	N	<5	30	N	N	<10
86MC15	1.0	N	<20	20	<10	100	N	<5	N	10	200	N	<5	N
86MC17	2.0	N	N	N	70	10	100	N	N	5	50	N	15	N
86MC19	1.0	N	N	N	30	15	30	N	20	20	<10	N	10	N
86RI04B	<1.0	N	<20	30	30	15	N	N	N	200	15	N	5	N
86RI04	7.0	N	N	N	N	N	50	N	<20	N	50	N	N	N
86RI09	3.0	N	N	N	N	N	20	N	N	<5	30	N	<5	N
86RI17	3.0	N	N	<5	N	N	70	N	20	<5	50	N	7	<10

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6B01135A	N	20	N	10	N	1,000	N	—	N	N	N	N	20	25
B6KM04	100	200	N	15	N	70	N	—	N	N	N	N	85	31
B6KM07	500	200	N	20	N	70	N	—	N	N	.20	N	90	31
B6KM09	700	200	N	30	N	100	N	—	N	N	N	N	70	31
B6KM14	<100	10	N	30	N	100	N	—	N	N	N	N	20	25
B6KM15	<100	50	N	10	N	200	N	—	N	N	N	N	25	25
B6KM16B	150	50	N	15	N	300	N	N	180	N	.10	2	10	25
B6KM34A	N	10	N	<10	N	10	N	—	N	N	N	N	25	35
B6KM36B	N	50	N	10	N	100	N	—	N	N	6.10	N	150	17
B6KM36B	N	N	N	<10	N	N	N	—	N	N	.20	N	20	35
B6KM49	N	100	N	<10	N	50	N	—	N	N	N	N	N	28
B6KM50	<100	150	N	20	N	100	N	—	30	N	.50	N	140	28
B6KM53	<100	70	N	10	N	15	N	—	10	N	.20	2	30	21
B6KM56	<100	150	N	20	N	50	N	—	N	N	.20	N	80	21
B6KM58	700	200	N	15	N	70	N	—	N	N	.10	N	80	17
B6KM59	<100	200	N	20	N	100	N	—	N	N	N	N	250	28
B6KM62	<100	100	N	20	N	300	N	—	10	N	.20	N	75	17
B6KM68A	200	200	N	20	N	200	N	—	N	N	N	N	95	16
B6KM68B	200	200	N	20	N	100	N	—	N	N	.10	N	100	16
B6KM68C	200	200	N	20	N	100	N	—	N	N	N	N	110	31
B6KM68F	<100	150	N	20	N	100	N	—	N	N	N	N	65	17
B6KM69	<100	100	N	30	N	100	N	—	10	N	N	N	100	28
B6KM70	<100	70	N	20	N	150	N	—	N	N	N	N	65	25
B6KM70C	N	70	N	20	N	150	N	—	N	N	N	N	40	28
B6KM73	N	50	N	10	N	200	N	—	N	N	N	N	35	25
B6KM75	200	150	N	20	<200	50	N	—	20	N	.20	N	190	31
B6MC03	N	50	N	<10	N	100	N	N	40	2	N	N	55	29
B6MC04C	N	70	N	N	N	20	N	N	20	N	N	120	5	28
B6MC05	500	50	N	N	N	70	N	N	20	N	3.50	6	50	17
B6MC06	1,000	N	N	>2,000	N	<10	>2,000	N	>2,000	2	.40	38	85	14
B6MC07	N	<10	N	10	N	70	N	—	10	N	N	N	15	25
B6MC08	<100	20	N	70	N	300	200	—	20	N	N	N	25	25
B6MC09	N	<10	N	20	N	70	N	—	N	N	N	N	15	25
B6MC10	<100	30	N	20	N	70	N	—	10	N	N	N	45	29
B6MC11	<100	10	N	30	N	70	N	—	N	N	N	N	20	29
B6MC12	N	10	N	70	N	70	N	—	N	N	N	N	15	29
B6MC13	N	<10	N	50	N	50	N	—	N	N	N	N	20	29
B6MC14	N	<10	N	50	N	70	N	—	N	N	N	N	15	29
B6MC15	N	10	N	20	200	100	N	—	10	N	26.00	N	620	25
B6MC17	<100	70	N	20	N	100	N	—	N	N	N	N	25	25
B6MC19	N	100	N	30	N	150	N	—	N	N	.20	N	95	28
B6RI04B	200	70	N	20	N	20	N	N	20	N	N	6	170	28
B6RI06	500	20	N	20	N	300	N	—	20	N	N	N	40	30
B6RI09	N	<10	N	30	N	200	N	—	10	N	.20	N	20	29
B6RI17	<100	15	N	70	N	150	N	—	N	N	N	N	25	—

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
86RI18	65 30 43	147 19 49	1.50	.30	.20	.200	300	N	N	N	700	500
86RI19A	65 30 47	147 19 55	.50	.05	.15	.070	150	N	N	N	20	100
86RI19B	65 30 47	147 19 55	.70	.07	.15	.070	200	N	N	N	15	70
86RI20	65 30 55	147 19 39	1.00	.30	.20	.150	300	N	N	N	50	500
86RI21	65 31 0	147 19 33	1.00	.20	.20	.200	500	N	N	N	20	500
86RI22A	65 31 6	147 19 25	.70	.10	.15	.100	200	N	N	N	50	100
86RI22C	65 31 6	147 19 25	.30	.02	.10	.030	100	N	N	N	15	<20
86RI23	65 31 12	147 19 29	.70	.05	.05	.050	150	N	N	N	50	20
86RI24	65 31 12	147 19 0	.50	.10	.07	.100	100	N	N	N	30	200
86RI25	65 28 50	147 23 30	.50	<.02	.05	.003	70	N	N	N	20	<20
86RI26	65 27 56	147 21 12	2.00	1.00	<.05	.150	100	N	N	N	30	150
86RI28	65 38 55	147 23 19	3.00	2.00	7.00	.500	1,000	N	N	N	15	200
86RI29	65 38 45	147 23 9	3.00	2.00	10.00	.500	1,000	N	N	N	<10	70
86RI30	65 38 42	147 23 2	5.00	3.00	5.00	.700	700	N	N	N	10	20
86RI31	65 38 39	147 21 58	5.00	3.00	5.00	.500	1,000	N	N	N	30	300
86RI32	65 38 40	147 21 9	5.00	3.00	2.00	.700	1,000	<.5	N	N	50	2,000
86RI33	65 38 35	147 20 19	7.00	2.00	1.50	.700	1,000	N	N	N	10	500
86RI34	65 38 26	147 20 5	3.00	2.00	3.00	.300	300	N	N	N	50	300
86RI35	65 38 3	147 19 35	5.00	3.00	3.00	1.000	1,000	N	N	N	15	300
86RI36	65 36 36	147 18 50	5.00	2.00	2.00	.500	500	N	N	N	30	3,000
86RI37	65 40 17	147 19 39	.20	<.02	.10	.100	100	N	N	N	20	50
86RI38	65 40 33	147 22 15	3.00	1.50	.20	.300	1,000	.7	N	N	20	500
86RI39	65 34 50	147 9 32	.70	.20	<.05	.150	100	N	N	N	50	200
86RM02A	65 37 43	148 11 32	5.00	3.00	1.00	.700	700	N	N	N	10	1,000
86RM03A	65 38 57	147 2 5	5.00	3.00	.50	1.000	500	N	N	N	20	300
86RM03B	65 38 57	147 2 5	5.00	3.00	.50	1.000	1,000	N	N	N	15	>5,000
86RM04A	65 39 4	147 2 45	2.00	1.50	3.00	.150	300	N	N	N	30	1,500
86RM04B	65 39 4	147 2 45	.70	.50	2.00	.100	200	N	N	N	15	100
86RM04C	65 39 4	147 2 45	.50	.70	10.00	.100	300	N	N	N	20	150
86RM04F	65 39 4	147 2 45	7.00	3.00	2.00	.700	1,000	N	N	N	10	1,000
86RM05A	65 39 18	147 2 41	.50	.10	N	.050	50	N	N	N	15	300
86RM06A	65 39 25	147 3 24	.50	.30	10.00	.200	500	N	N	N	10	200
86RM06B	65 39 25	147 3 24	1.50	1.00	.30	.300	100	N	N	N	10	1,500
86RM07A	65 39 41	147 3 40	.50	1.50	20.00	.050	200	N	N	N	20	200
86RM07D	65 39 41	147 3 40	5.00	5.00	1.50	.700	700	N	N	N	15	>5,000
86RM08A	65 39 51	147 4 0	5.00	5.00	1.50	.500	700	N	N	N	10	300
86RM09A	65 39 58	147 4 9	1.00	1.00	.20	.150	150	N	N	N	20	500
86RM09B	65 39 58	147 4 9	1.50	.70	<.05	.100	70	N	N	N	20	700
86RM10A	65 40 6	147 4 20	2.00	1.50	.20	.500	500	N	N	N	<10	700
86RM10B	65 40 6	147 4 20	2.00	1.00	<.05	.500	100	N	N	N	200	1,500
86RM11C	65 37 29	147 12 18	7.00	2.00	1.00	.700	700	N	N	N	10	500
86RM12A	65 37 31	147 21 52	1.00	.10	.30	.050	500	N	N	N	10	3,000
86RM12C	65 37 31	147 21 52	3.00	2.00	20.00	.200	1,500	N	N	N	<10	300
86RM13B	65 37 28	147 21 43	<.05	5.00	20.00	.010	20	N	N	N	N	100
86RM13D	65 37 28	147 21 43	N	.70	>20.00	.010	10	N	N	N	N	20

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6RI18	2.0	N	N	5	<10	N	50	N	N	<5	30	N	7	10
B6RI19A	5.0	N	N	N	N	N	50	N	N	<5	20	N	5	N
B6RI19B	3.0	N	N	N	N	N	30	N	N	<5	20	N	5	<10
B6RI20	3.0	N	N	<5	N	N	50	N	N	<5	30	N	5	<10
B6RI21	3.0	N	N	N	N	<5	50	N	<20	<5	20	N	7	<10
B6RI22A	5.0	N	N	N	N	N	50	N	<20	<5	50	N	5	<10
B6RI22C	5.0	N	N	N	N	N	50	N	<20	<5	30	N	<5	<10
B6RI23	10.0	N	N	N	N	5	100	N	<20	<5	20	N	<5	10
B6RI24	3.0	N	N	N	N	N	30	N	N	<5	20	N	<5	<10
B6RI25	30.0	30	N	N	N	5	N	N	<20	N	20	N	10	10
B6RI26	2.0	N	N	10	20	10	20	N	N	20	10	N	7	N
B6RI28	<1.0	N	N	50	150	20	N	N	N	70	N	N	20	N
B6RI29	<1.0	N	N	30	70	70	N	N	N	50	<10	N	15	N
B6RI30	<1.0	N	N	70	300	<5	N	N	<20	100	N	N	30	N
B6RI31	<1.0	N	N	50	200	70	N	N	N	70	N	N	30	N
B6RI32	<1.0	N	N	70	200	200	20	N	<20	70	N	N	50	N
B6RI33	<1.0	N	N	50	100	7	N	<5	30	30	N	N	10	N
B6RI34	<1.0	N	N	15	70	10	30	N	N	20	20	N	15	N
B6RI35	<1.0	N	N	70	100	20	20	N	20	50	<10	N	20	N
B6RI36	1.0	N	N	50	<10	50	20	N	<20	30	N	N	20	N
B6RI37	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
B6RI38	<1.0	N	<20	20	100	15	N	N	N	30	300	N	20	N
B6RI39	<1.0	N	N	7	20	<5	N	N	N	10	<10	N	7	N
B6RM02A	<1.0	N	N	70	70	70	30	N	30	70	N	N	50	N
B6RM03A	1.0	N	N	70	200	70	30	N	20	200	<10	N	50	N
B6RM03B	1.0	N	N	50	100	50	30	N	20	50	100	N	30	N
B6RM04A	<1.0	N	N	7	50	15	N	N	N	20	<10	N	7	N
B6RM04B	<1.0	N	N	<5	10	<5	N	N	N	5	N	N	N	N
B6RM04C	<1.0	N	N	<5	15	<5	N	N	N	5	N	N	5	N
B6RM04F	N	N	N	70	300	70	30	N	<20	150	N	N	30	N
B6RM05A	<1.0	N	N	N	<10	10	N	N	N	<5	N	N	N	N
B6RM06A	N	N	N	<5	20	<5	N	N	N	5	<10	N	10	N
B6RM06B	<1.0	N	N	10	30	7	30	N	50	15	10	N	10	N
B6RM07A	<1.0	N	N	5	15	<5	N	N	N	5	10	N	<5	N
B6RM07D	N	N	N	50	150	50	20	N	20	70	10	N	30	N
B6RM08A	N	N	N	70	300	70	<20	N	N	200	N	N	30	N
B6RM09A	<1.0	N	N	N	20	15	N	N	N	20	N	N	7	N
B6RM09B	<1.0	N	N	N	15	15	<20	N	N	10	N	N	5	N
B6RM10A	<1.0	N	N	30	70	20	N	N	N	30	N	N	15	N
B6RM10B	1.5	N	N	10	100	20	20	N	20	30	N	N	20	N
B6RM11C	<1.0	N	N	50	200	30	N	N	20	50	<10	N	30	N
B6RM12A	<1.0	N	N	N	10	10	30	10	70	10	N	N	<5	N
B6RM12C	<1.0	N	N	20	50	15	N	N	N	30	N	N	10	N
B6RM13B	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6RM13D	N	N	N	N	N	N	N	N	N	N	N	N	N	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppb aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6RI18	<100	20	N	30	N	100	N	—	N	N	N	N	45	—
B6RI19A	N	<10	N	70	N	100	N	—	10	N	N	N	30	—
B6RI19B	N	10	N	30	N	70	N	—	N	N	N	N	25	—
B6RI20	<100	20	N	20	N	100	N	—	10	N	N	N	30	—
B6RI21	<100	20	N	30	N	100	N	—	N	N	.20	N	50	—
B6RI22A	N	<10	N	30	N	100	N	—	N	N	N	N	25	—
B6RI22C	N	<10	N	30	N	70	N	—	N	N	N	N	10	—
B6RI23	N	<10	N	50	N	150	N	N	10	6	N	N	15	29
B6RI24	<100	10	N	20	N	50	N	--	N	N	N	N	30	29
B6RI25	N	<10	N	20	N	30	N	N	10	56	N	N	N	29
B6RI26	N	20	N	20	N	200	N	--	30	N	N	N	65	25
B6RI28	300	100	N	20	N	70	N	--	N	N	N	N	60	13
B6RI29	500	100	N	20	N	50	N	--	10	N	N	N	25	13
B6RI30	<100	100	N	20	N	70	N	--	N	N	N	N	50	13
B6RI31	200	150	N	20	N	50	N	--	N	N	N	N	60	14
B6RI32	200	200	N	30	N	70	N	--	N	N	.10	N	80	14
B6RI33	300	100	N	20	N	100	N	--	N	N	.20	N	100	14
B6RI34	200	70	N	20	N	100	N	--	N	N	.10	N	55	25
B6RI35	500	150	N	20	N	100	N	--	N	N	.10	N	100	14
B6RI36	300	200	N	20	N	100	N	--	N	N	N	N	100	16
B6RI37	N	20	N	10	N	500	N	--	N	N	.50	N	90	25
B6RI38	100	150	N	20	500	100	N	--	N	N	2.00	N	900	16
B6RI39	N	50	N	15	N	200	N	--	N	N	N	N	15	25
B6RM02A	150	200	N	50	N	200	N	--	N	N	.20	N	105	31
B6RM03A	100	200	N	50	200	150	N	--	20	N	2.00	N	320	31
B6RM03B	300	200	N	30	200	150	N	--	N	N	.70	N	320	31
B6RM04A	500	200	N	15	N	100	N	--	N	N	.30	N	80	20
B6RM04B	200	70	N	10	N	150	N	--	N	N	.20	N	25	25
B6RM04C	700	70	N	10	N	100	N	--	N	N	.10	N	10	22
B6RM04F	300	200	N	20	N	150	N	--	N	N	.10	N	80	31
B6RM05A	N	70	N	N	N	20	N	--	N	N	.10	N	5	34
B6RM06A	500	70	N	30	N	70	N	--	N	N	.10	N	10	21
B6RM06B	<100	100	N	30	N	200	N	--	N	N	.20	N	50	25
B6RM07A	700	20	N	<10	N	20	N	--	N	N	<.10	N	60	21
B6RM07B	500	200	N	20	<200	100	N	--	N	N	1.70	N	320	31
B6RM08A	<100	150	N	15	N	70	N	--	N	N	.30	N	110	31
B6RM09A	N	100	N	10	N	100	N	--	N	N	.20	N	45	34
B6RM09B	N	100	N	10	N	100	N	--	N	N	.10	N	30	18
B6RM10A	150	100	N	10	N	70	N	--	N	N	.20	N	95	18
B6RM10B	<100	100	N	30	N	200	N	--	N	N	.10	N	30	32
B6RM11C	500	150	N	30	N	100	N	--	N	N	.10	N	85	32
B6RM12A	200	15	N	70	N	200	N	—	N	N	.10	N	10	29
B6RM12C	500	100	N	15	N	50	N	--	N	N	<.10	N	45	17
B6RM13B	N	10	N	N	N	10	N	—	N	N	N	N	N	21
B6RM13D	150	<10	N	N	N	10	N	—	N	N	.10	N	N	21

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6RM14A	65 37 3	147 22 47	3.00	2.00	2.00	.300	700	N	N	N	10	300
B6RM14C	65 37 3	147 22 47	5.00	3.00	2.00	.700	1,000	N	N	N	N	200
B6RM14D	65 37 3	147 22 47	<.05	.30	>20.00	.010	15	N	N	N	N	<20
B6RM15A	65 37 9	147 22 51	1.00	.70	>20.00	.010	150	N	N	N	N	50
B6RM16A	65 37 29	147 23 10	.50	.20	.70	.100	100	N	N	N	30	200
B6RM17A	65 37 32	147 23 25	7.00	2.00	1.50	.700	1,000	N	N	N	15	1,000
B6RM17B	65 37 32	147 23 25	5.00	2.00	2.00	.700	1,000	N	N	N	10	500
B6RM18A	65 48 18	146 54 54	2.00	3.00	5.00	1.000	700	N	N	N	15	20
B6RM18B	65 48 18	146 54 54	5.00	2.00	2.00	.300	1,000	N	N	N	<10	50
B6RM19A	65 48 0	146 54 31	5.00	2.00	.30	.500	1,000	N	N	N	100	500
B6RM19C	65 48 0	146 54 31	3.00	1.00	.20	.300	300	N	N	N	100	300
B6RM25A	65 23 34	147 9 52	3.00	1.50	10.00	.500	700	N	N	N	N	300
B6RM25B	65 23 34	147 9 52	5.00	1.00	.50	.500	700	.7	N	N	10	300
B6RM30A	65 28 0	147 18 42	2.00	.70	.07	.150	100	N	N	N	100	100
B6RM33A	65 27 54	147 20 19	5.00	1.50	<.05	.300	200	<.5	N	N	100	300
B6RM35B	65 27 37	147 18 39	1.00	.05	<.05	.020	700	.7	N	N	200	50
B6RM36A	65 27 33	147 18 37	5.00	1.50	N	.300	200	N	N	N	100	500
B6RM40A	65 26 44	147 19 15	2.00	.50	<.05	.200	70	N	N	N	50	200
B6RM41A	65 26 22	147 19 55	3.00	.50	N	.200	100	N	N	N	30	150
B6RM44A	65 23 54	147 46 59	1.50	2.00	5.00	.100	200	.5	N	N	50	1,000
B6RM45B	65 23 58	147 46 59	5.00	3.00	3.00	.500	100	N	N	N	30	3,000
B6MR001A	65 36 33	147 20 0	20.00	.02	.05	.020	100	N	N	N	<10	500
B6MR001B	65 36 33	147 20 0	10.00	2.00	.50	1.000	500	N	N	N	<10	1,500
B6MR002	65 33 45	147 8 30	5.00	1.00	.15	.700	500	N	N	N	150	500
B6MR003	65 23 8	147 32 49	.50	.07	<.05	.100	15	N	N	N	30	1,000
B6MR004	65 24 16	147 47 54	.50	.10	<.05	.150	15	N	N	N	20	700
B6MR005	65 24 20	147 48 5	<.05	.30	>20.00	.010	10	N	N	N	N	150
B6MR007	65 26 29	147 39 55	N	.10	10.00	.002	N	N	N	N	N	20
B6MR008	65 37 22	147 14 51	5.00	5.00	1.50	1.000	1,000	N	N	N	10	1,000
B6MR009	65 37 27	147 14 45	.07	1.00	>20.00	.005	200	N	N	N	N	70
B6MR010A	65 39 42	147 8 41	7.00	2.00	2.00	.700	1,000	N	N	N	20	2,000
B6MR010B	65 39 42	147 8 41	.70	1.50	20.00	.150	700	N	N	N	20	200
B6MR011A	65 39 50	147 8 41	7.00	3.00	3.00	1.000	1,500	N	N	N	10	300
B6MR011B	65 39 50	147 8 41	.15	.05	5.00	.070	1,000	N	N	N	30	50
B6MR012E	65 39 38	147 8 40	5.00	3.00	2.00	.500	1,000	N	N	N	<10	70
B6MR014A	65 31 33	149 37 5	3.00	<.02	2.00	.015	200	.5	N	N	10	70
B6MR014B	65 31 33	149 37 5	.30	1.00	10.00	.015	300	.5	N	N	20	200
B6MR015	65 31 15	147 39 0	10.00	2.00	1.50	.500	700	<.5	N	N	<10	30
B6MR016	65 31 15	147 39 0	.30	<.02	<.05	.070	15	<.5	N	N	10	1,000
B6MR017	65 31 15	147 39 0	2.00	.50	<.05	.500	100	<.5	N	N	200	700
B6MR01B	65 31 57	147 39 19	2.00	1.00	.30	.300	700	N	N	N	50	300
B6MR01BB	65 31 57	147 39 19	.20	.20	>20.00	.050	1,500	N	N	N	10	20
B6MR01BC	65 31 57	147 39 19	3.00	1.00	2.00	.200	1,500	.5	N	N	30	150
B6MR019	65 32 32	147 36 21	3.00	3.00	2.00	.300	700	N	N	N	<10	20
B6MR020A	65 33 35	147 31 11	5.00	3.00	3.00	.700	700	N	N	N	15	30

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6RM14A	<1.0	N	N	20	150	15	20	N	N	50	10	N	20	N
B6RM14C	<1.0	N	N	50	200	10	<20	N	N	30	<10	N	20	N
B6RM14D	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6RM15A	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6RM16A	<1.0	N	N	<5	<10	<5	N	N	N	N	<10	N	N	N
B6RM17A	<1.0	N	N	70	150	50	20	N	20	50	N	N	30	N
B6RM17B	<1.0	N	N	50	100	30	30	N	20	50	<10	N	20	N
B6RM18A	N	N	N	30	500	20	N	N	N	70	N	N	20	N
B6RM18B	<1.0	N	N	50	30	20	N	N	N	20	<10	N	30	N
B6RM19A	1.0	N	N	50	100	15	50	<5	N	70	50	N	30	N
B6RM19C	<1.0	N	N	15	50	20	20	N	N	50	10	N	20	N
B6RM25A	<1.0	N	N	30	150	10	50	N	N	70	<10	N	15	N
B6RM25B	2.0	N	N	15	30	15	500	10	200	10	70	N	10	10
B6RM30A	3.0	N	N	15	20	7	N	N	N	30	10	N	7	N
B6RM33A	2.0	N	N	20	70	20	50	N	<20	30	10	N	15	<10
B6RM35B	10.0	N	N	N	N	10	N	N	30	<5	70	N	7	15
B6RM36A	1.0	N	N	15	100	20	100	N	N	50	50	N	20	N
B6RM40A	1.0	N	N	10	20	10	50	N	N	30	20	N	10	N
B6RM41A	1.0	N	N	10	20	10	30	<5	N	20	10	N	7	N
B6RM44A	1.0	N	N	7	30	50	20	N	N	20	10	N	5	N
B6RM45B	<1.0	N	N	30	100	70	<20	N	N	50	N	N	20	N
B6MR001A	1.5	N	N	N	N	5	N	5	N	20	N	N	N	N
B6MR001B	<1.0	N	N	30	N	30	N	N	20	20	N	N	15	N
B6MR002	1.0	N	N	20	70	20	30	N	20	30	10	N	15	N
B6MR003	<1.0	N	N	N	<10	<5	N	N	N	10	N	N	<5	N
B6MR004	<1.0	N	N	N	10	5	N	N	N	10	N	N	5	N
B6MR005	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6MR007	N	N	N	N	N	N	N	N	N	N	N	N	N	N
B6MR008	<1.0	N	N	50	200	70	N	N	N	100	<10	N	20	N
B6MR009	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR010A	<1.0	N	N	70	70	70	20	N	30	50	<10	N	20	N
B6MR010B	<1.0	N	N	N	30	10	N	N	N	7	10	N	5	N
B6MR011A	1.0	N	N	70	200	50	70	N	50	50	70	N	30	N
B6MR011B	N	N	N	N	<10	<5	N	N	N	N	<10	N	N	N
B6MR012X	N	N	N	50	200	70	N	N	N	50	N	N	20	N
B6MR014A	N	N	N	N	<10	70	N	N	N	<5	<10	N	N	N
B6MR014B	N	N	N	N	10	7	N	N	N	15	10	N	N	N
B6MR015	N	N	<20	50	30	100	N	N	N	50	15	N	30	N
B6MR016	N	N	N	N	<10	<5	N	N	N	<5	N	N	N	N
B6MR017	1.5	N	N	7	150	7	30	N	N	30	10	N	15	N
B6MR018	<1.0	N	<20	15	100	20	N	N	N	30	<10	N	15	N
B6MR018B	N	N	N	N	<10	7	N	N	N	<5	N	N	5	N
B6MR018C	N	N	N	20	200	15	N	N	N	30	20	N	15	N
B6MR019	<1.0	N	N	50	200	50	N	N	N	100	70	N	30	N
B6MR020A	<1.0	N	N	70	300	150	N	N	20	150	<10	N	30	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
BARM14A	300	100	N	30	N	10	N	—	N	N	.20	N	60	31
BARM14C	500	100	N	50	N	100	N	—	N	N	.20	N	70	31
BARM14D	200	<10	N	N	N	N	N	—	N	N	.10	N	N	21
BARM15A	100	20	N	N	N	N	N	—	N	N	N	N	50	21
BARM16A	<100	50	N	15	N	700	N	—	N	N	.90	N	10	16
BARM17A	300	150	N	30	N	100	N	—	N	N	.10	N	95	31
BARM17B	500	150	N	30	N	100	N	—	N	N	.10	N	80	31
BARM18A	100	100	N	10	N	10	N	—	N	N	.10	N	10	31
BARM18B	100	200	N	20	N	50	N	—	10	N	.10	N	90	31
BARM19A	100	200	N	50	<200	100	N	—	20	N	.10	N	100	13
BARM19C	100	150	N	50	N	100	N	—	10	N	.20	N	100	13
BARM25A	300	100	N	20	N	70	N	—	N	N	.20	N	65	21
BARM25B	500	15	N	150	300	1,000	N	—	N	N	.70	N	570	32
BARM30A	<100	50	N	20	N	100	N	—	N	N	.20	N	75	25
BARM33A	N	70	N	20	N	100	N	—	N	N	.50	N	135	25
BARM35B	<100	<10	N	70	N	50	N	—	N	N	.30	N	70	29
BARM36A	<100	100	N	50	N	100	N	—	N	N	.20	N	90	28
BARM40A	N	70	N	20	N	200	N	—	N	N	.20	N	50	25
BARM41A	N	50	N	20	N	200	N	—	N	N	.20	N	50	25
BARM44A	500	200	N	20	N	50	N	—	N	N	1.50	N	115	21
BARM45B	700	150	N	20	N	50	N	—	N	N	.20	N	80	31
BAWR001A	N	50	N	N	500	N	N	N	70	N	2.40	6	980	32
BAWR001B	<100	150	N	20	<200	100	N	—	20	N	.90	2	320	32
BAWR002	N	100	N	30	N	150	N	—	10	N	.10	2	130	28
BAWR003	N	70	N	10	N	70	N	—	N	N	N	N	15	16
BAWR004	N	100	N	<10	N	70	N	—	N	N	N	2	25	16
BAWR005	150	<10	N	N	N	<10	N	—	N	N	N	N	N	21
BAWR007	N	<10	N	N	N	10	N	—	N	N	N	N	N	21
BAWR008	200	150	N	20	N	70	N	—	N	N	.20	N	80	31
BAWR009	500	20	N	<10	N	<10	N	—	N	N	.20	N	35	26
BAWR010A	200	150	N	20	N	100	N	—	N	N	.10	N	65	31
BAWR010B	700	20	N	20	N	150	N	—	N	N	.30	N	35	28
BAWR011A	1,000	200	N	30	<200	100	N	—	N	N	.40	N	270	31
BAWR011B	100	10	N	15	N	300	N	—	N	N	.10	N	15	21
BAWR012I	150	150	N	20	N	50	N	—	N	N	N	N	55	25
BAWR014A	150	10	N	10	N	70	N	N	30	N	.10	6	10	21
BAWR014B	200	50	N	15	N	50	N	—	N	N	2.60	2	140	21
BAWR015	150	150	N	20	200	50	N	—	N	N	3.00	2	340	31
BAWR016	200	20	N	15	N	150	N	N	N	N	3.00	10	15	25
BAWR017	100	150	N	30	N	100	N	—	20	N	3.00	2	60	28
BAWR018	100	100	N	15	200	70	N	—	N	N	.10	2	70	25
BAWR018B	1,500	15	N	15	N	10	N	—	N	N	N	N	10	13
BAWR018C	500	100	N	15	N	50	N	—	30	N	N	N	40	28
BAWR019	150	200	N	20	N	70	N	—	N	N	1.60	2	140	25
BAWR020A	200	200	N	20	N	100	N	—	N	N	N	N	40	31

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pc s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6MR021A	65 41 0	147 9 55	5.00	2.00	2.00	.700	1,000	N	N	N	20	500
B6MR021B	65 41 0	147 9 55	2.00	.20	.50	.200	500	1.5	N	N	30	700
B6MR022	65 40 56	147 10 0	.20	<.02	<.05	.100	50	N	N	N	10	100
B6MR023	65 40 0	147 11 48	5.00	3.00	1.00	.700	700	N	N	N	10	1,500
B6MR024A	65 40 8	147 7 53	1.50	1.00	.05	.200	300	<.5	N	N	10	150
B6MR024B	65 40 8	147 7 53	7.00	3.00	2.00	.500	1,000	N	N	N	10	500
B6MR025A	65 40 28	147 7 49	.70	.10	3.00	.150	500	N	N	N	50	200
B6MR025B	65 40 28	147 7 49	5.00	1.50	.05	.300	500	N	N	N	100	500
B6MR026	65 40 2	147 8 48	5.00	2.00	5.00	.500	1,000	N	N	N	<10	3,000
B6MR027A	65 40 27	147 7 55	.70	1.00	20.00	.020	500	N	N	N	N	50
B6MR027B	65 40 27	147 7 55	3.00	1.00	2.00	.700	700	N	N	N	50	1,000
B6MR028A	65 39 55	147 10 57	2.00	1.50	10.00	.150	500	N	N	N	20	300
B6MR028B	65 39 55	147 10 57	1.00	.20	<.05	.100	100	N	N	N	30	300
B6MR030	65 40 20	147 10 42	7.00	2.00	1.00	.700	1,000	N	N	N	20	500
B6MR031	65 40 10	147 11 0	2.00	1.50	5.00	.200	300	N	N	N	50	700
B6MR034	65 40 44	146 56 0	5.00	2.00	.50	1.000	700	N	N	N	70	1,000
B6MR035	65 41 18	146 56 35	7.00	3.00	1.00	1.000	1,000	<.5	N	N	<10	1,000
B6MR036B	65 41 41	146 56 46	3.00	.50	<.05	.300	100	N	N	N	150	500
B6MR037	65 42 47	146 59 0	1.00	.03	<.05	.100	50	N	N	N	50	500
B6MR038	65 43 4	146 53 36	.05	.02	<.05	.050	<10	N	N	N	20	500
B6MR039	65 43 0	146 45 35	7.00	10.00	1.00	.200	700	N	N	N	50	30
B6MR040A	65 43 59	146 42 25	.10	<.02	<.05	.100	10	N	N	N	<10	50
B6MR040B	65 43 59	146 42 25	5.00	2.00	1.50	.200	1,000	N	N	N	50	100
B6MR041	65 44 35	146 42 45	.05	.02	N	.100	<10	N	N	N	30	700
B6MR042A	65 33 35	147 39 48	5.00	2.00	.30	.500	1,000	N	N	N	50	700
B6MR042B	65 33 35	147 39 48	3.00	1.50	.50	.200	1,000	N	N	N	20	500
B6MR043A	65 37 45	147 38 8	2.00	1.00	.05	.200	300	N	N	N	30	200
B6MR043B	65 37 45	147 38 8	2.00	1.50	.15	.300	700	N	N	N	20	150
B6MR044	65 42 38	147 27 40	.07	.05	N	.070	<10	N	N	N	100	>5,000
B6MR045A	65 32 3	147 52 20	3.00	1.50	.70	.300	1,000	N	N	N	15	500
B6MR045B	65 32 3	147 52 20	3.00	2.00	.70	.500	1,000	N	N	N	30	500
B6MR048	65 51 23	146 48 8	2.00	1.00	1.00	.300	300	N	N	N	100	300
B6MR049A	65 50 3	146 45 37	2.00	1.50	1.50	.200	300	N	N	N	150	500
B6MR049B	65 50 3	146 45 37	2.00	1.50	.50	.100	500	<.5	N	N	10	50
B6MR049C	65 50 3	146 45 37	.70	.50	.70	.070	500	N	N	N	15	70
B6MR050	65 49 9	146 34 20	3.00	.70	1.00	.300	1,500	<.5	N	N	20	200
B6MR052A	65 45 47	146 37 45	.50	.50	N	.300	20	.7	N	N	200	2,000
B6MR052B	65 45 47	146 37 45	2.00	.15	<.05	.150	300	1.5	200	N	100	1,000
B6MR052C	65 45 47	146 37 45	<.05	<.02	<.05	<.002	15	N	N	N	<10	70
B6MR055	65 40 22	147 45 36	.10	.10	N	.010	15	N	N	N	15	30
B6MR055B	65 40 22	147 45 36	.30	.20	<.05	.070	150	N	N	N	15	50
B6MR056B	65 43 16	147 32 29	3.00	3.00	.70	.200	700	N	N	N	20	300
B6MR056C	65 43 16	147 32 29	5.00	3.00	1.50	.300	700	N	N	N	15	100
B6MR057A	65 44 5	147 29 18	.20	1.50	2.00	.050	100	N	N	N	20	70
B6MR057B	65 44 5	147 29 18	.30	7.00	10.00	<.002	100	N	N	N	N	<20

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6MR021A	<1.0	N	N	50	200	150	N	N	N	50	<10	N	50	N
B6MR021B	<1.0	N	N	10	50	30	N	N	N	20	N	N	7	N
B6MR022	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
B6MR023	<1.0	N	N	50	200	50	N	N	N	70	N	N	30	N
B6MR024A	<1.0	N	N	30	30	70	N	N	N	50	30	N	7	N
B6MR024B	<1.0	N	N	70	300	70	N	N	<20	150	<10	N	20	N
B6MR025A	<1.0	N	N	5	<10	<5	N	N	N	5	N	N	5	N
B6MR025B	1.5	N	N	30	50	5	20	N	N	50	N	N	10	N
B6MR026	<1.0	N	N	50	200	100	50	N	30	50	<10	N	30	N
B6MR027A	N	N	N	N	<10	7	N	N	N	<5	<10	N	N	N
B6MR027B	<1.0	N	N	15	100	5	30	N	30	7	N	N	15	N
B6MR028A	<1.0	N	N	15	50	7	N	N	N	15	10	N	7	N
B6MR028B	<1.0	N	N	7	<10	<5	N	N	N	5	N	N	5	N
B6MR030	<1.0	N	<20	50	50	15	N	N	<20	50	50	N	20	N
B6MR031	1.0	N	N	10	70	10	30	N	N	20	15	N	15	N
B6MR034	<1.0	N	N	20	70	70	30	N	20	30	N	N	20	N
B6MR035	<1.0	N	N	30	200	30	20	N	20	50	<10	N	20	N
B6MR036B	3.0	N	N	15	100	20	50	N	<20	30	N	N	20	N
B6MR037	1.0	N	N	N	10	10	N	N	N	N	N	N	5	N
B6MR038	N	N	N	N	<10	N	N	N	N	N	N	N	<5	N
B6MR039	N	N	<20	100	1,000	70	N	N	N	1,000	70	N	20	N
B6MR040A	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
B6MR040B	<1.0	N	N	30	100	100	N	N	N	50	<10	N	20	N
B6MR041	N	N	N	N	<10	N	N	N	N	N	N	N	N	N
B6MR042A	<1.0	N	N	30	150	50	N	N	N	50	15	N	20	N
B6MR042B	<1.0	N	N	20	150	20	<20	N	N	50	<10	N	20	N
B6MR043A	<1.0	N	N	5	150	10	N	N	N	50	10	N	10	N
B6MR043B	<1.0	N	N	15	50	20	N	N	N	30	<10	N	20	N
B6MR044	<1.0	N	N	N	<10	5	N	N	N	N	N	N	N	N
B6MR045A	<1.0	N	N	20	100	20	N	N	N	30	<10	N	15	N
B6MR045B	<1.0	N	N	30	150	20	N	N	N	30	<10	N	20	N
B6MR048	1.5	N	N	10	30	7	N	N	N	30	30	N	10	N
B6MR049A	1.5	N	N	10	50	10	N	N	N	30	<10	N	10	N
B6MR049B	N	N	N	20	20	300	N	N	N	50	N	N	7	N
B6MR049C	<1.0	N	N	7	<10	50	N	N	N	10	N	N	5	N
B6MR050	<1.0	N	N	20	100	15	N	N	N	30	<10	N	15	N
B6MR052A	1.5	N	N	N	70	7	N	7	N	10	15	N	15	N
B6MR052B	1.0	N	N	<5	15	15	N	<5	N	20	30	N	5	10
B6MR052C	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR053	N	N	N	N	<10	<5	N	N	N	10	N	N	N	N
B6MR053B	N	N	N	N	<10	5	N	N	N	5	N	N	<5	N
B6MR054B	<1.0	N	N	20	700	20	N	N	N	200	<10	N	10	N
B6MR054C	<1.0	N	N	30	300	30	N	N	N	100	N	N	10	N
B6MR057A	N	N	N	N	10	10	N	N	N	7	N	N	N	N
B6MR057B	N	N	N	N	N	<5	N	N	N	N	N	N	N	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6MR021A	<100	200	N	30	N	70	N	N	10	N	N	4	90	31
B6MR021B	<100	70	N	20	N	150	N	N	120	N	N	30	15	25
B6MR022	N	20	N	10	N	300	N	N	50	N	N	2	5	25
B6MR023	500	100	N	20	N	70	N	—	N	N	.20	N	80	31
B6MR024A	100	100	N	15	N	100	N	N	100	N	.30	N	50	28
B6MR024B	200	100	N	20	N	70	N	—	N	N	.10	N	85	31
B6MR025A	500	20	N	15	N	100	N	—	N	N	N	N	10	25
B6MR025B	<100	50	N	20	<200	150	N	—	N	N	N	N	110	28
B6MR026	200	200	N	20	N	100	N	—	N	N	.10	N	85	31
B6MR027A	700	15	N	<10	N	10	N	—	N	N	N	N	10	21
B6MR027B	200	150	N	20	N	150	N	—	N	N	N	N	25	16
B6MR028A	500	70	N	15	N	70	N	—	30	N	.10	N	35	28
B6MR028B	N	20	N	10	N	200	N	—	N	N	N	2	25	25
B6MR030	500	150	N	20	200	100	N	—	N	N	2.60	N	420	31
B6MR031	300	50	N	15	N	100	N	—	N	N	N	N	45	28
B6MR034	200	200	N	20	N	100	N	—	N	N	.25	N	100	28
B6MR035	500	150	N	30	N	100	N	—	N	N	.80	N	240	31
B6MR036B	<100	100	N	20	N	150	N	N	N	N	.10	26	50	28
B6MR037	N	100	N	10	N	100	N	N	N	N	N	4	55	25
B6MR038	N	70	N	<10	N	50	N	—	N	N	N	N	N	16
B6MR039	<100	100	N	N	200	15	N	—	N	N	2.30	N	330	31
B6MR040A	N	20	N	N	N	200	N	—	30	N	2.30	N	5	25
B6MR040B	150	150	N	15	N	30	N	N	50	N	.10	4	55	30
B6MR041	N	50	N	10	N	70	N	—	N	N	N	2	N	30
B6MR042A	100	150	N	20	N	100	N	—	10	N	.40	2	110	25
B6MR042B	150	150	N	20	N	70	N	—	10	N	.30	N	85	16
B6MR043A	N	100	N	10	N	100	N	—	N	N	.10	N	50	17
B6MR043B	<100	100	N	20	N	100	N	—	N	N	.50	N	90	17
B6MR044	100	70	N	20	N	50	N	—	N	N	N	N	5	25
B6MR045A	150	150	N	20	N	70	N	—	N	N	.10	N	55	16
B6MR045B	150	150	N	20	N	70	N	—	N	N	.10	N	55	16
B6MR048	<100	70	N	20	N	150	N	—	N	N	.60	N	100	25
B6MR049A	100	70	N	20	N	100	N	—	N	N	N	N	20	25
B6MR049B	<100	100	N	20	N	20	N	—	N	N	N	N	20	31
B6MR049C	<100	100	N	20	N	20	N	—	10	N	N	N	N	34
B6MR050	<100	200	N	30	N	70	N	N	10	N	.10	4	65	16
B6MR052A	N	700	N	15	N	100	N	N	10	N	N	4	<5	20
B6MR052B	N	70	N	10	200	100	N	—	180	N	.50	32	350	25
B6MR052C	N	<10	N	70	N	N	N	—	10	N	.20	N	15	13
B6MR055	N	<10	N	N	N	10	N	—	10	N	N	N	10	34
B6MR055B	N	20	N	N	N	30	N	—	10	N	N	N	10	34
B6MR056B	<100	100	N	70	N	50	N	—	10	N	.20	N	55	17
B6MR056C	<100	100	N	15	N	50	N	—	N	N	.10	N	90	21
B6MR057A	N	70	N	<10	N	20	N	—	10	N	.20	N	45	34
B6MR057B	N	<10	N	N	N	N	N	—	N	N	.10	N	20	21

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6WR059B	65 45 22	147 21 36	7.00	5.00	2.00	1.000	700	N	N	N	<10	150
B6WR060A	65 45 17	147 21 37	.15	10.00	20.00	.002	300	N	N	N	N	N
B6WR060B	65 45 17	147 21 37	5.00	2.00	1.50	.700	500	N	N	N	10	5,000
B6WR061A	65 44 36	147 21 28	3.00	10.00	<.05	.005	300	N	N	N	50	N
B6WR061B	65 44 36	147 21 28	5.00	5.00	1.50	.500	1,000	N	N	N	<10	50
B6WR062B	65 43 33	147 29 47	2.00	.70	.05	.100	150	N	N	N	20	30
B6WR062C	65 43 33	147 29 47	.20	.70	>20.00	.015	3,000	N	N	N	N	N
B6WR063	65 43 50	147 29 59	.50	.05	.20	.050	200	N	N	N	30	70
B6WR064A	65 42 32	147 32 15	.20	.20	5.00	.020	50	<.5	N	N	70	150
B6WR064B	65 42 32	147 32 15	1.50	1.50	.70	.150	300	N	N	N	<10	30
B6WR065B	65 44 47	147 26 54	2.00	1.00	1.00	.150	700	N	N	N	50	200
B6WR066	65 44 41	147 24 48	.20	5.00	7.00	.005	300	N	N	N	<10	<20
B6WR066A	65 45 23	147 19 51	.10	.02	N	.020	20	N	N	N	20	50
B6WR067B	65 45 31	147 23 32	3.00	2.00	3.00	.150	2,000	N	N	N	20	200
B6WR068	65 45 36	147 23 51	5.00	3.00	3.00	.500	1,000	N	N	N	<10	150
B6WR069	65 45 25	147 23 40	2.00	.20	<.05	.200	200	N	N	N	30	700
B6WR070A	65 53 4	147 14 47	10.00	2.00	1.50	1.000	1,000	N	N	N	<10	300
B6WR070C	65 53 4	147 14 47	10.00	2.00	2.00	1.000	1,000	N	N	N	10	150
B6WR072	65 46 46	147 5 22	.20	.03	N	.050	50	.7	N	N	50	300
B6WR073A	65 46 24	147 4 41	1.00	10.00	7.00	.070	1,000	N	N	N	30	50
B6WR073B	65 46 24	147 4 41	>20.00	.02	<.05	<.002	3,000	N	N	N	N	150
B6WR074	65 46 18	147 4 35	5.00	3.00	5.00	.300	1,000	N	N	N	<10	<20
B6WR075A	65 46 15	147 4 32	5.00	2.00	.05	.500	1,000	N	N	N	100	500
B6WR076	65 46 8	147 4 38	.70	.05	.15	.050	500	N	N	N	500	50
B6WR077	65 52 31	147 16 40	.50	.50	>20.00	.100	200	N	N	N	50	50
B6WR080	65 47 35	147 4 22	.20	7.00	10.00	.003	300	N	N	N	N	<20
B6WR081A	65 47 38	147 4 22	.05	.20	>20.00	.005	100	N	N	N	N	50
B6WR081B	65 47 37	147 4 22	20.00	.15	.05	.030	200	3.0	200	N	<10	300
B6WR082	65 47 40	147 4 23	5.00	3.00	2.00	.500	700	N	N	N	10	<20
B6WR083	65 48 1	147 4 23	5.00	3.00	1.00	.700	1,000	<.5	N	N	<10	70
B6WR084	65 48 4	147 4 41	5.00	2.00	1.50	1.000	500	N	N	N	10	700
B6WR084A	65 48 4	147 4 41	2.00	1.50	.20	.300	200	N	N	N	20	700
B6WR084B	65 48 4	147 4 41	3.00	.50	<.05	.100	300	.5	N	N	20	700
B6WR085A	65 48 28	147 4 42	5.00	2.00	1.00	.700	1,000	N	N	N	<10	700
B6WR085B	65 48 28	147 4 42	10.00	1.50	2.00	1.000	1,500	.7	N	N	<10	2,000
B6WR085C	65 48 28	147 4 42	3.00	2.00	2.00	.300	1,000	N	N	N	20	200
B6WR085D	65 48 28	147 4 42	5.00	1.50	<.05	.500	300	N	N	N	100	500
B6WR086A	65 48 38	147 4 44	1.00	.30	<.05	.100	200	N	N	N	70	2,000
B6WR086B	65 48 38	147 4 44	3.00	.10	N	.070	100	<.5	200	N	20	1,000
B6WR087A	65 47 14	147 12 59	.70	10.00	20.00	.005	1,000	N	N	N	<10	30
B6WR087B	65 47 14	147 12 59	5.00	2.00	1.00	.700	500	N	N	N	15	500
B6WR088	65 47 21	147 13 18	7.00	5.00	.05	.500	500	N	N	N	<10	500
B6WR090A	65 47 48	146 58 49	3.00	5.00	.70	.050	500	N	N	N	N	<20
B6WR090B	65 47 48	146 58 49	1.00	.30	<.05	.150	50	N	N	N	50	200
B6WR090C	65 47 48	146 58 49	.70	.10	<.05	.030	50	N	N	N	20	100

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Ba-ppm	Bi-ppm	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm	Sb-ppm	Sc-ppm	Sn-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s	s
B6MR059B	<1.0	N	N	50	500	30	20	N	<20	300	N	N	15	N
B6MR060A	N	N	N	N	N	5	N	N	N	N	N	N	N	N
B6MR060B	<1.0	N	N	30	200	50	N	N	N	150	N	N	20	N
B6MR061A	N	N	N	50	3,000	<5	N	N	N	1,000	N	N	10	N
B6MR061B	N	N	N	50	300	30	N	N	N	70	N	N	30	N
B6MR062B	<1.0	N	N	10	<10	7	N	N	N	20	N	N	5	N
B6MR062C	N	N	N	10	10	<5	N	N	N	20	15	N	N	N
B6MR063	<1.0	N	N	N	<10	10	N	N	N	7	N	N	<5	N
B6MR064A	N	N	N	N	<10	70	N	N	N	5	N	N	N	N
B6MR064B	1.0	N	N	7	30	20	N	N	N	30	N	N	10	N
B6MR065B	<1.0	N	N	10	150	10	N	N	N	50	<10	N	7	N
B6MR066	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
B6MR066A	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
B6MR067B	<1.0	N	N	15	500	15	N	N	N	100	N	N	7	N
B6MR068	<1.0	N	N	50	300	30	N	N	N	70	N	N	20	N
B6MR069	1.5	N	N	7	<10	<5	50	N	N	7	<10	N	7	<10
B6MR070A	<1.0	N	N	70	200	20	30	N	30	70	<10	N	15	N
B6MR070C	1.0	N	N	50	200	30	50	N	20	70	<10	N	20	N
B6MR072	N	N	N	N	10	15	N	N	N	N	20	N	<5	N
B6MR073A	N	N	N	N	15	5	N	N	N	10	N	N	5	N
B6MR073B	N	N	N	N	N	7	N	N	N	15	<10	N	N	N
B6MR074	N	N	N	20	10	70	N	N	N	15	N	N	20	N
B6MR075A	<1.0	N	N	20	150	30	20	N	N	50	<10	N	20	N
B6MR076	5.0	N	N	N	N	<5	N	N	<20	<5	N	N	<5	N
B6MR077	N	N	N	N	20	5	N	N	N	5	15	N	<5	N
B6MR080	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR081A	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR081B	<1.0	N	N	50	30	70	N	50	N	50	200	100	5	N
B6MR082	N	N	N	30	300	50	N	N	N	100	N	N	20	N
B6MR083	<1.0	N	N	70	200	30	N	N	N	50	10	N	30	N
B6MR084	1.0	N	<20	70	20	5	<20	N	<20	20	N	N	20	N
B6MR084A	<1.0	N	N	15	200	<5	N	N	N	70	10	N	20	N
B6MR084B	5.0	N	30	5	20	30	50	20	30	150	50	N	7	N
B6MR085A	1.0	N	N	20	<10	5	30	5	N	7	20	N	10	N
B6MR085B	<1.0	N	N	50	N	20	50	N	<20	<5	10	N	10	N
B6MR085C	<1.0	N	<20	30	200	5	N	N	N	50	150	N	15	N
B6MR085D	1.0	N	N	20	200	50	30	N	N	100	<10	N	20	N
B6MR086A	2.0	N	N	N	N	<5	N	N	N	7	10	N	7	<10
B6MR086B	1.0	N	N	15	50	70	<20	7	N	70	<10	N	7	N
B6MR087A	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR087B	1.0	N	N	20	20	20	N	N	N	50	<10	N	15	N
B6MR088	<1.0	N	<20	70	500	50	N	N	N	150	<10	N	30	N
B6MR090A	N	N	N	50	1,500	50	N	N	N	500	N	N	15	N
B6MR090B	<1.0	N	N	N	20	20	N	N	N	15	N	N	7	N
B6MR090C	N	N	N	N	15	7	N	N	N	5	N	N	<5	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6MR059B	100	100	N	15	300	100	N	N	40	N	.30	4	810	21
B6MR060A	<100	10	N	N	N	N	N	--	20	N	.20	N	30	21
B6MR060B	200	200	N	30	N	100	N	--	N	N	.20	N	100	31
B6MR061A	N	50	N	N	N	N	N	--	N	N	N	N	20	32
B6MR061B	<100	200	N	30	N	70	N	--	N	N	N	N	80	32
B6MR062B	N	30	N	10	N	30	N	--	10	N	N	N	70	--
B6MR062C	300	10	N	<10	N	10	N	--	N	N	N	N	130	21
B6MR063	N	50	N	<10	N	30	N	--	N	N	.20	N	75	34
B6MR064A	700	10	N	N	N	N	N	--	N	N	N	N	30	22
B6MR064B	N	100	N	<10	N	50	N	--	N	N	.10	N	30	34
B6MR065B	<100	70	N	15	N	200	N	--	10	N	.40	N	140	25
B6MR066	N	10	N	N	<200	N	N	--	N	N	.60	N	220	21
B6MR066A	N	20	N	N	N	15	N	--	N	N	N	N	55	34
B6MR067B	200	70	N	20	N	50	N	--	N	N	.20	N	75	25
B6MR068	100	100	N	20	N	70	N	--	N	N	.20	N	60	31
B6MR069	N	30	N	30	N	150	N	--	N	N	.10	N	35	25
B6MR070A	500	100	N	30	N	150	N	--	N	N	N	N	150	31
B6MR070C	700	150	N	30	N	150	N	--	N	N	N	N	100	16
B6MR072	N	70	N	N	N	20	N	--	N	N	N	2	5	34
B6MR073A	N	30	N	N	N	10	N	--	N	N	.10	N	30	21
B6MR073B	N	10	N	N	200	10	N	--	10	N	.20	N	85	21
B6MR074	100	150	N	20	N	50	N	--	N	N	N	N	70	31
B6MR075A	N	200	N	30	N	100	N	--	N	N	N	N	95	28
B6MR076	<100	<10	N	15	N	70	N	--	N	N	.10	N	15	29
B6MR077	1,500	10	N	15	N	70	N	--	N	N	N	N	5	21
B6MR080	N	<10	N	N	N	N	N	--	N	N	.10	N	30	21
B6MR081A	200	10	N	N	N	N	N	--	N	N	.40	N	190	21
B6MR081B	N	200	N	<10	<200	10	N	N	500	N	.60	82	250	21
B6MR082	200	100	N	20	N	20	N	--	N	N	.10	N	70	31
B6MR083	100	150	N	20	N	70	N	--	10	N	.20	N	75	31
B6MR084	150	200	N	50	200	100	N	--	N	N	4.10	N	430	31
B6MR084A	N	200	N	20	N	100	N	--	N	N	.20	N	190	25
B6MR084B	N	300	N	70	2,000	150	N	N	20	N	33.00	15	>2,000	34
B6MR085A	100	70	N	50	<200	100	N	--	N	N	1.30	N	190	31
B6MR085B	1,000	50	N	70	<200	100	N	--	N	N	.80	N	160	31
B6MR085C	200	100	N	20	200	70	N	--	10	N	2.50	N	560	30
B6MR085D	N	300	N	30	N	100	N	N	10	N	.20	4	85	19
B6MR086A	<100	15	N	50	N	70	N	--	10	N	.10	2	15	25
B6MR086B	<100	200	N	15	N	30	N	N	150	N	.10	14	45	34
B6MR087A	<100	15	N	N	N	10	N	--	N	N	.30	N	40	21
B6MR087B	<100	100	N	20	N	70	N	--	N	N	.30	N	120	25
B6MR088	N	150	N	20	200	50	N	--	10	N	4.00	N	260	13
B6MR090A	N	50	N	N	N	<10	N	--	N	N	.20	N	50	32
B6MR090B	N	100	N	<10	N	50	N	--	N	N	.10	N	15	34
B6MR090C	N	20	N	N	N	15	N	--	N	N	N	N	10	34

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6MR092	65 47 26	147 4 18	.10	10.00	20.00	.002	200	N	N	N	N	<20
B6MR093	65 22 23	146 54 27	2.00	.50	<.05	.200	300	N	N	N	20	<20
B6MR094	65 22 32	146 52 21	3.00	1.00	.05	.300	200	N	N	N	100	500
B6MR095	65 23 22	146 53 9	.20	.05	<.05	.150	1,000	N	N	N	10	100
B6MR096	65 28 49	147 19 19	1.00	.10	.15	.100	150	N	N	N	15	200
B6MR098	65 27 28	147 18 40	3.00	.70	<.05	.100	500	N	N	N	10	50
B6MR099A	65 25 8	147 21 35	.50	.05	.15	.070	300	N	N	N	15	50
B6MR099B	65 25 8	147 21 35	3.00	1.50	<.05	.500	150	N	N	N	150	1,000
B6MR100	65 25 18	147 25 35	1.00	.10	<.05	.050	50	N	N	N	10	100
B6MR101	65 27 7	147 23 15	5.00	1.00	N	.300	200	N	N	N	50	200
B6MR102	65 21 58	146 50 31	2.00	.20	<.05	.100	70	N	N	N	10	20
B6MR105	65 23 58	146 39 57	.50	.10	<.05	.070	100	N	N	N	<10	70
B6MR106A	65 21 52	146 33 9	1.00	.30	<.05	.150	100	N	N	N	30	100
B6MR106B	65 21 52	146 33 9	2.00	1.00	<.05	.500	150	N	N	N	100	500
B6MR108	65 20 3	147 1 20	.50	.10	<.05	.100	20	N	N	N	20	100
B6MR109	65 17 31	147 1 50	1.00	.30	<.05	.200	70	N	N	N	20	70
B6MR110	65 16 48	147 2 23	3.00	1.00	<.05	.300	100	N	N	N	200	300
B6MR111	65 16 54	147 5 0	1.50	.50	<.05	.100	100	N	N	N	10	150
B6MR112	65 16 12	147 7 10	1.00	.20	<.05	.150	300	N	N	N	10	100
B6MR113	65 19 8	147 27 2	.30	.05	N	.200	100	N	N	N	10	70
B6MR114	65 21 0	147 23 38	1.50	.30	N	.100	100	N	N	N	20	20
B6MR115	65 22 43	147 25 33	.70	.20	.15	.100	150	N	N	N	10	100
B6MR117	65 18 20	147 52 10	1.00	.50	N	.200	100	N	N	N	30	500
BB0113A	65 47 3	147 4 0	.07	<.02	<.05	.020	<10	N	N	N	30	100
LA029R	65 32 9	147 19 50	.50	.05	.05	.070	100	<.5	N	N	15	70
LA030R1	65 32 15	147 20 0	.70	.30	.20	.150	200	N	N	N	50	300
LA030R2	65 32 15	147 20 0	1.00	.70	.70	.200	500	N	N	N	20	150
LA031R	65 32 17	147 20 11	3.00	2.00	.20	.500	300	N	N	N	50	2,000
LA032R	65 32 18	147 20 25	1.00	.15	<.05	.100	200	N	N	N	50	200
LA033R	65 32 37	147 21 50	.70	.10	.05	.100	70	N	N	N	30	200
LA034R	65 32 49	147 22 9	1.00	.20	<.05	.100	150	<.5	N	N	30	100
LA035R	65 33 17	147 22 5	5.00	1.50	1.00	.300	1,000	N	N	N	200	500
LA036R	65 33 2	147 22 0	1.00	.15	<.05	.150	70	N	N	N	20	200
LA037R	65 33 48	147 22 34	2.00	.70	N	.300	50	1.5	N	N	200	500
LA101R	65 17 35	147 6 12	1.00	.05	N	.150	100	N	N	N	30	200
LA137R1	65 30 41	146 51 24	.50	.20	>20.00	.030	700	<.5	N	N	15	50
LA137R2	65 30 41	146 51 24	3.00	2.00	2.00	.300	500	N	N	N	70	300
LA137R3	65 30 41	146 51 24	2.00	2.00	3.00	.200	700	N	N	N	70	500
LA144R	65 34 39	147 21 57	1.00	.10	<.05	.150	200	N	N	N	30	300
LA150R	65 30 14	147 24 15	3.00	1.00	<.05	.500	200	N	N	N	70	500
LA152R	65 25 6	146 38 9	7.00	2.00	2.00	.700	1,000	N	N	N	10	300
LA154R	65 25 28	147 9 10	.70	.10	<.05	.050	70	N	N	N	15	50
LA179R	65 43 32	146 57 9	1.00	.70	<.05	.300	200	.7	N	N	200	>5,000
LA181R	65 42 36	146 51 47	1.50	.70	10.00	.100	1,000	N	N	N	20	300
LA188R	65 45 43	146 40 30	3.00	.50	<.05	.300	70	.5	N	N	200	2,000

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6MR092	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR093	<1.0	N	N	15	15	5	N	N	N	30	<10	N	5	N
B6MR094	2.0	N	N	7	70	7	N	N	N	7	15	N	10	N
B6MR095	<1.0	N	N	N	<10	N	N	N	N	<5	N	N	N	N
B6MR096	3.0	N	N	N	N	N	N	N	N	<5	50	N	5	N
B6MR098	<1.0	N	N	7	20	5	N	<5	N	20	10	N	5	N
B6MR099A	<1.0	N	N	<5	<10	<5	N	N	N	5	10	N	N	N
B6MR099B	1.0	N	N	20	200	30	70	N	N	30	30	N	20	<10
B6MR100	<1.0	N	N	N	<10	<5	N	N	N	5	30	N	N	N
B6MR101	1.0	N	N	7	50	15	20	N	N	30	20	N	10	N
B6MR102	<1.0	N	N	5	<10	<5	N	N	N	5	<10	N	5	N
B6MR105	<1.0	N	N	N	<10	<5	N	N	N	<5	N	N	N	N
B6MR106A	<1.0	N	N	5	10	<5	N	N	N	5	15	N	5	N
B6MR106B	1.0	N	N	<5	100	15	N	N	N	<5	20	N	20	N
B6MR108	<1.0	N	N	N	<10	<5	N	N	N	5	N	N	<5	N
B6MR109	<1.0	N	N	7	15	5	N	N	N	15	10	N	5	N
B6MR110	1.0	N	N	5	30	10	N	N	N	<5	20	N	10	N
B6MR111	1.0	N	N	7	10	15	N	N	N	10	15	N	5	N
B6MR112	<1.0	N	N	7	<10	<5	N	N	N	15	<10	N	<5	N
B6MR113	<1.0	N	N	<5	<10	<5	N	N	N	<5	N	N	<5	N
B6MR114	<1.0	N	N	<5	<10	<5	N	N	N	5	<10	N	<5	N
B6MR115	<1.0	N	N	7	10	<5	N	N	N	5	<10	N	<5	N
B6MR117	<1.0	N	N	7	50	10	N	N	N	10	10	N	7	N
BD0113A	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
LA029R	7.0	N	N	N	N	7	100	N	<20	5	50	100	7	10
LA030R1	<1.0	N	N	5	20	7	N	N	N	10	<10	<100	5	N
LA030R2	1.0	N	N	10	70	5	N	N	N	30	N	N	7	N
LA031R	1.0	N	N	30	150	<5	70	N	N	70	50	N	20	<10
LA032R	<1.0	N	N	5	10	5	<20	N	N	10	N	N	5	N
LA033R	1.0	N	N	<5	10	<5	N	N	N	7	N	N	<5	N
LA034R	<1.0	N	N	5	10	<5	20	N	N	5	20	N	5	N
LA035R	1.0	N	N	20	100	20	50	N	N	50	10	N	15	N
LA036R	N	N	N	5	10	<5	N	N	N	10	N	N	<5	N
LA037R	1.0	N	N	5	50	20	30	N	N	20	N	N	10	N
LA101R	<1.0	N	N	7	20	5	20	N	N	7	<10	N	5	N
LA137R1	N	N	N	N	<10	<5	N	N	N	5	30	N	N	N
LA137R2	1.0	N	N	20	70	15	20	N	N	30	20	N	15	N
LA137R3	1.0	N	N	15	70	10	20	N	N	30	20	N	10	N
LA144R	<1.0	N	N	<5	<10	5	N	N	N	7	50	N	<5	N
LA150R	1.0	N	N	5	100	30	70	N	<20	10	20	N	20	N
LA152R	<1.0	N	N	50	200	10	N	N	<20	100	<10	N	30	N
LA154R	<1.0	N	N	<5	<10	150	N	N	N	7	N	N	N	N
LA179R	1.0	N	N	5	30	10	<20	5	N	20	10	N	10	N
LA181R	N	N	N	5	10	<5	N	N	N	7	<10	N	<5	N
LA188R	1.0	N	N	10	70	50	30	30	N	30	30	N	15	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
BAMR092	N	N	N	N	N	<10	N	—	N	N	.10	N	20	21
BAMR093	N	30	N	20	N	300	N	—	N	N	N	N	55	24
BAMR094	100	100	N	20	N	200	N	—	N	N	N	N	60	24
BAMR095	N	20	N	<10	N	500	N	—	10	N	N	N	10	25
BAMR096	<100	10	N	70	N	,200	N	—	N	N	N	N	30	29
BAMR098	<100	30	N	15	N	200	N	—	N	N	N	N	65	25
BAMR099A	N	15	N	<10	N	100	N	—	N	N	N	N	20	25
BAMR099B	N	100	N	30	N	150	N	—	10	N	.30	N	55	28
BAMR100	N	20	N	<10	N	100	N	—	N	N	N	N	25	25
BAMR101	N	50	N	15	N	150	N	—	N	N	N	N	110	25
BAMR102	N	30	N	10	N	300	N	—	N	N	N	N	30	25
BAMR105	N	15	N	10	N	100	N	—	10	N	N	N	10	25
BAMR106A	<100	20	N	10	N	150	N	—	N	N	N	N	20	25
BAMR106B	<100	100	N	15	N	200	N	—	N	N	N	N	40	28
BAMR108	N	50	N	<10	N	100	N	—	10	N	N	N	10	25
BAMR109	N	50	N	15	N	500	N	—	N	N	N	N	20	25
BAMR110	N	70	N	15	N	500	N	—	N	N	N	N	60	25
BAMR111	<100	30	N	20	N	700	N	—	10	N	N	N	20	25
BAMR112	N	20	N	20	N	500	N	—	N	N	N	N	15	25
BAMR113	N	20	N	N	N	300	N	—	N	N	N	N	<5	25
BAMR114	N	20	N	20	N	300	N	—	N	N	N	N	30	25
BAMR115	<100	20	N	10	N	200	N	—	N	N	N	N	15	25
BAMR117	N	30	N	10	N	200	N	—	10	N	N	N	35	25
BD0113A	N	20	N	N	N	10	N	—	N	N	N	N	N	28
LA029R	N	<10	N	150	N	70	N	N	N	N	.10	38	15	0
LA030R1	<100	30	N	<10	N	200	N	N	N	N	.10	22	45	0
LA030R2	150	50	N	10	N	150	N	N	N	N	N	16	45	0
LA031R	200	50	N	30	N	100	N	N	N	N	<.10	12	70	0
LA032R	N	50	N	10	N	200	N	N	N	N	N	6	35	0
LA033R	N	30	N	N	N	200	N	N	N	N	N	4	20	0
LA034R	N	30	N	50	N	200	N	N	N	N	N	6	35	0
LA035R	100	70	N	20	N	100	N	—	N	N	N	N	85	0
LA036R	N	30	N	10	N	100	N	—	N	N	N	2	25	0
LA037R	N	70	N	20	N	100	N	N	N	N	N	2	50	0
LA101R	N	50	N	15	N	150	N	—	N	N	N	N	20	24
LA137R1	500	10	N	30	N	10	N	—	N	N	N	N	10	35
LA137R2	<100	70	N	20	N	100	N	—	N	N	N	N	75	18
LA137R3	<100	70	N	20	N	70	N	—	N	N	N	N	55	24
LA144R	N	30	N	15	N	500	N	—	N	N	.10	N	25	25
LA150R	<100	150	N	30	N	100	N	—	N	N	N	N	50	28
LA152R	<100	150	N	30	N	100	N	—	N	N	N	2	100	28
LA154R	N	15	N	N	N	70	N	—	N	N	N	2	20	24
LA179R	N	300	N	15	N	70	N	N	10	N	.60	10	90	20
LA181R	300	20	N	15	N	100	N	—	N	N	N	N	20	24
LA188R	<100	200	N	30	<200	150	N	N	50	N	N	10	110	20

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pc s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6MR021A	65 41 0	147 9 55	5.00	2.00	2.00	.700	1,000	N	N	N	20	500
B6MR021B	65 41 0	147 9 55	2.00	.20	.30	.200	500	1.5	N	N	30	700
B6MR022	65 40 36	147 10 0	.20	<.02	<.05	.100	50	N	N	N	10	100
B6MR023	65 40 0	147 11 48	5.00	3.00	1.00	.700	700	N	N	N	10	1,500
B6MR024A	65 40 8	147 7 53	1.50	1.00	.05	.200	300	<.5	N	N	10	150
B6MR024B	65 40 8	147 7 53	7.00	3.00	2.00	.500	1,000	N	N	N	10	500
B6MR025A	65 40 28	147 7 49	.70	.10	3.00	.150	500	N	N	N	50	200
B6MR025B	65 40 28	147 7 49	5.00	1.50	.05	.300	500	N	N	N	100	500
B6MR026	65 40 2	147 8 48	5.00	2.00	5.00	.500	1,000	N	N	N	<10	3,000
B6MR027A	65 40 27	147 7 55	.70	1.00	20.00	.020	500	N	N	N	N	50
B6MR027B	65 40 27	147 7 55	3.00	1.00	2.00	.700	700	N	N	N	50	1,000
B6MR028A	65 39 55	147 10 57	2.00	1.50	10.00	.150	500	N	N	N	20	300
B6MR028B	65 39 55	147 10 57	1.00	.20	<.05	.100	100	N	N	N	30	300
B6MR030	65 40 20	147 10 42	7.00	2.00	1.00	.700	1,000	N	N	N	20	500
B6MR031	65 40 10	147 11 0	2.00	1.50	5.00	.200	300	N	N	N	50	700
B6MR034	65 40 44	146 56 0	5.00	2.00	.50	1.000	700	N	N	N	70	1,000
B6MR035	65 41 18	146 56 35	7.00	3.00	1.00	1.000	1,000	<.5	N	N	<10	1,000
B6MR036B	65 41 41	146 56 46	3.00	.50	<.05	.300	100	N	N	N	150	500
B6MR037	65 42 47	146 59 0	1.00	.03	<.05	.100	50	N	N	N	50	500
B6MR038	65 43 4	146 53 36	.05	.02	<.05	.050	<10	N	N	N	20	500
B6MR039	65 43 0	146 45 35	7.00	10.00	1.00	.200	700	N	N	N	50	30
B6MR040A	65 43 59	146 42 25	.10	<.02	<.05	.100	10	N	N	N	<10	50
B6MR040B	65 43 59	146 42 25	5.00	2.00	1.50	.200	1,000	N	N	N	50	100
B6MR041	65 44 35	146 42 45	.05	.02	N	.100	<10	N	N	N	30	700
B6MR042A	65 33 35	147 39 48	5.00	2.00	.30	.500	1,000	N	N	N	50	700
B6MR042B	65 33 35	147 39 48	3.00	1.50	.50	.200	1,000	N	N	N	20	500
B6MR043A	65 37 45	147 38 8	2.00	1.00	.05	.200	300	N	N	N	30	200
B6MR043B	65 37 45	147 38 8	2.00	1.50	.15	.300	700	N	N	N	20	150
B6MR044	65 42 38	147 27 40	.07	.05	N	.070	<10	N	N	N	100	>5,000
B6MR045A	65 32 3	147 52 20	3.00	1.50	.70	.300	1,000	N	N	N	15	500
B6MR045B	65 32 3	147 52 20	3.00	2.00	.70	.500	1,000	N	N	N	30	500
B6MR048	65 51 23	146 48 8	2.00	1.00	1.00	.300	300	N	N	N	100	300
B6MR049A	65 50 3	146 45 37	2.00	1.50	1.50	.200	300	N	N	N	150	500
B6MR049B	65 50 3	146 45 37	2.00	1.50	.50	.100	500	<.5	N	N	10	50
B6MR049C	65 50 3	146 45 37	.70	.50	.70	.070	500	N	N	N	15	70
B6MR050	65 49 9	146 34 20	3.00	.70	1.00	.300	1,500	<.5	N	N	20	200
B6MR052A	65 45 47	146 37 45	.50	.50	N	.300	20	.7	N	N	200	2,000
B6MR052B	65 45 47	146 37 45	2.00	.15	<.05	.150	300	1.5	200	N	100	1,000
B6MR052C	65 45 47	146 37 45	<.05	<.02	<.05	<.002	15	N	N	N	<10	70
B6MR053	65 40 22	147 45 36	.10	.10	N	.010	15	N	N	N	15	30
B6MR053B	65 40 22	147 45 36	.30	.20	<.05	.070	150	N	N	N	15	50
B6MR056B	65 43 16	147 32 29	3.00	3.00	.70	.200	700	N	N	N	20	300
B6MR056C	65 43 16	147 32 29	5.00	3.00	1.50	.300	700	N	N	N	15	100
B6MR057A	65 44 5	147 29 18	.20	1.50	2.00	.050	100	N	N	N	20	70
B6MR057B	65 44 5	147 29 18	.30	7.00	10.00	<.002	100	N	N	N	N	<20

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6MR021A	<1.0	N	N	50	200	150	N	N	N	50	<10	N	50	N
B6MR021B	<1.0	N	N	10	50	30	N	N	N	20	N	N	7	N
B6MR022	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
B6MR023	<1.0	N	N	50	200	50	N	N	N	70	N	N	30	N
B6MR024A	<1.0	N	N	30	30	70	N	N	N	50	30	N	7	N
B6MR024B	<1.0	N	N	70	300	70	N	N	<20	150	<10	N	20	N
B6MR025A	<1.0	N	N	5	<10	<5	N	N	N	5	N	N	5	N
B6MR025B	1.5	N	N	30	50	5	20	N	N	50	N	N	10	N
B6MR026	<1.0	N	N	50	200	100	50	N	30	50	<10	N	30	N
B6MR027A	N	N	N	N	<10	7	N	N	N	<5	<10	N	N	N
B6MR027B	<1.0	N	N	15	100	5	30	N	30	7	N	N	15	N
B6MR028A	<1.0	N	N	15	50	7	N	N	N	15	10	N	7	N
B6MR028B	<1.0	N	N	7	<10	<5	N	N	N	5	N	N	5	N
B6MR030	<1.0	N	<20	50	50	15	N	N	<20	50	50	N	20	N
B6MR031	1.0	N	N	10	70	10	30	N	N	20	15	N	15	N
B6MR034	<1.0	N	N	20	70	70	30	N	20	30	N	N	20	N
B6MR035	<1.0	N	N	30	200	30	20	N	20	50	<10	N	20	N
B6MR036B	3.0	N	N	15	100	20	50	N	<20	30	N	N	20	N
B6MR037	1.0	N	N	N	10	10	N	N	N	N	N	N	5	N
B6MR038	N	N	N	N	<10	N	N	N	N	N	N	N	<5	N
B6MR039	N	N	<20	100	1,000	70	N	N	N	1,000	70	N	20	N
B6MR040A	N	N	N	N	<10	<5	N	N	N	N	N	N	N	N
B6MR040B	<1.0	N	N	30	100	100	N	N	N	50	<10	N	20	N
B6MR041	N	N	N	N	<10	N	N	N	N	N	N	N	N	N
B6MR042A	<1.0	N	N	30	150	50	N	N	N	50	15	N	20	N
B6MR042B	<1.0	N	N	20	150	20	<20	N	N	50	<10	N	20	N
B6MR043A	<1.0	N	N	5	150	10	N	N	N	50	10	N	10	N
B6MR043B	<1.0	N	N	15	50	20	N	N	N	30	<10	N	20	N
B6MR044	<1.0	N	N	N	<10	5	N	N	N	N	N	N	N	N
B6MR045A	<1.0	N	N	20	100	20	N	N	N	30	<10	N	15	N
B6MR045B	<1.0	N	N	30	150	20	N	N	N	30	<10	N	20	N
B6MR048	1.5	N	N	10	30	7	N	N	N	30	30	N	10	N
B6MR049A	1.5	N	N	10	50	10	N	N	N	30	<10	N	10	N
B6MR049B	N	N	N	20	20	300	N	N	N	50	N	N	7	N
B6MR049C	<1.0	N	N	7	<10	50	N	N	N	10	N	N	5	N
B6MR050	<1.0	N	N	20	100	15	N	N	N	30	<10	N	15	N
B6MR052A	1.5	N	N	N	70	7	N	7	N	10	15	N	15	N
B6MR052B	1.0	N	N	<5	15	15	N	<5	N	20	30	N	5	10
B6MR052C	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR055	N	N	N	N	<10	<5	N	N	N	10	N	N	N	N
B6MR055B	N	N	N	N	<10	5	N	N	N	5	N	N	<5	N
B6MR056B	<1.0	N	N	20	700	20	N	N	N	200	<10	N	10	N
B6MR056C	<1.0	N	N	30	300	30	N	N	N	100	N	N	10	N
B6MR057A	N	N	N	N	10	10	N	N	N	7	N	N	N	N
B6MR057B	N	N	N	N	N	<5	N	N	N	N	N	N	N	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
B6MR021A	<100	200	N	30	N	70	N	N	10	N	N	4	90	31
B6MR021B	<100	70	N	20	N	150	N	N	120	N	N	30	15	25
B6MR022	N	20	N	10	N	300	N	N	50	N	N	2	5	25
B6MR023	500	100	N	20	N	70	N	--	N	N	.20	N	80	31
B6MR024A	100	100	N	15	N	100	N	N	100	N	.30	N	50	28
B6MR024B	200	100	N	20	N	70	N	—	N	N	.10	N	85	31
B6MR025A	500	20	N	15	N	100	N	—	N	N	N	N	10	25
B6MR025B	<100	50	N	20	<200	150	N	—	N	N	N	N	110	28
B6MR026	200	200	N	20	N	100	N	—	N	N	.10	N	85	31
B6MR027A	700	15	N	<10	N	10	N	--	N	N	N	N	10	21
B6MR027B	200	150	N	20	N	150	N	--	N	N	N	N	25	16
B6MR028A	500	70	N	15	N	70	N	—	30	N	.10	N	55	28
B6MR028B	N	20	N	10	N	200	N	—	N	N	N	2	25	25
B6MR030	500	150	N	20	200	100	N	—	N	N	2.60	N	420	31
B6MR031	300	50	N	15	N	100	N	—	N	N	N	N	45	28
B6MR034	200	200	N	20	N	100	N	--	N	N	.25	N	100	28
B6MR035	500	150	N	30	N	100	N	—	N	N	.80	N	240	31
B6MR036B	<100	100	N	20	N	150	N	N	N	N	.10	26	50	28
B6MR037	N	100	N	10	N	100	N	N	N	N	N	4	55	25
B6MR038	N	70	N	<10	N	50	N	—	N	N	N	N	N	16
B6MR039	<100	100	N	N	200	15	N	—	N	N	2.30	N	330	31
B6MR040A	N	20	N	N	N	200	N	--	30	N	2.30	N	5	25
B6MR040B	150	150	N	15	N	30	N	N	50	N	.10	4	55	30
B6MR041	N	50	N	10	N	70	N	--	N	N	N	2	N	30
B6MR042A	100	150	N	20	N	100	N	—	10	N	.40	2	110	25
B6MR042B	150	150	N	20	N	70	N	—	10	N	.30	N	85	16
B6MR043A	N	100	N	10	N	100	N	--	N	N	.10	N	50	17
B6MR043B	<100	100	N	20	N	100	N	—	N	N	.50	N	90	17
B6MR044	100	70	N	20	N	50	N	—	N	N	N	N	5	25
B6MR045A	150	150	N	20	N	70	N	—	N	N	.10	N	55	16
B6MR045B	150	150	N	20	N	70	N	--	N	N	.10	N	55	16
B6MR048	<100	70	N	20	N	150	N	—	N	N	.60	N	100	25
B6MR049A	100	70	N	20	N	100	N	--	N	N	N	N	20	25
B6MR049B	<100	100	N	20	N	20	N	—	N	N	N	N	20	31
B6MR049C	<100	100	N	20	N	20	N	—	10	N	N	N	N	34
B6MR050	<100	200	N	30	N	70	N	N	10	N	.10	4	65	16
B6MR052A	N	700	N	15	N	100	N	N	10	N	N	4	<5	20
B6MR052B	N	70	N	10	200	100	N	—	180	N	.50	32	350	25
B6MR052C	N	<10	N	70	N	N	N	—	10	N	.20	N	15	13
B6MR055	N	<10	N	N	N	10	N	—	10	N	N	N	10	34
B6MR055B	N	20	N	N	N	30	N	—	10	N	N	N	10	34
B6MR056B	<100	100	N	70	N	50	N	--	10	N	.20	N	55	17
B6MR056C	<100	100	N	15	N	50	N	—	N	N	.10	N	90	21
B6MR057A	N	70	N	<10	N	20	N	—	10	N	.20	N	45	34
B6MR057B	N	<10	N	N	N	N	N	—	N	N	.10	N	20	21

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
86WR059B	65 45 22	147 21 36	7.00	5.00	2.00	1.000	700	N	N	N	<10	150
86WR060A	65 45 17	147 21 37	.15	10.00	20.00	.002	300	N	N	N	N	N
86WR060B	65 45 17	147 21 37	5.00	2.00	1.50	.700	500	N	N	N	10	5,000
86WR061A	65 44 36	147 21 28	3.00	10.00	<.05	.005	300	N	N	N	50	N
86WR061B	65 44 36	147 21 28	5.00	5.00	1.50	.500	1,000	N	N	N	<10	50
86WR062B	65 43 33	147 29 47	2.00	.70	.05	.100	150	N	N	N	20	30
86WR062C	65 43 33	147 29 47	.20	.70	>20.00	.015	3,000	N	N	N	N	N
86WR063	65 43 50	147 29 59	.50	.05	.20	.050	200	N	N	N	30	70
86WR064A	65 42 32	147 32 15	.20	.20	5.00	.020	50	<.5	N	N	70	150
86WR064B	65 42 32	147 32 15	1.50	1.50	.70	.150	300	N	N	N	<10	30
86WR065B	65 44 47	147 26 54	2.00	1.00	1.00	.150	700	N	N	N	50	200
86WR066	65 44 41	147 24 48	.20	5.00	7.00	.005	300	N	N	N	<10	<20
86WR066A	65 45 23	147 19 51	.10	.02	N	.020	20	N	N	N	20	50
86WR067B	65 45 31	147 23 32	3.00	2.00	3.00	.150	2,000	N	N	N	20	200
86WR068	65 45 36	147 23 51	5.00	3.00	3.00	.500	1,000	N	N	N	<10	150
86WR069	65 45 25	147 23 40	2.00	.20	<.05	.200	200	N	N	N	30	700
86WR070A	65 53 4	147 14 47	10.00	2.00	1.50	1.000	1,000	N	N	N	<10	300
86WR070C	65 53 4	147 14 47	10.00	2.00	2.00	1.000	1,000	N	N	N	10	150
86WR072	65 46 46	147 5 22	.20	.03	N	.050	30	.7	N	N	50	300
86WR073A	65 46 24	147 4 41	1.00	10.00	7.00	.070	1,000	N	N	N	30	50
86WR073B	65 46 24	147 4 41	>20.00	.02	<.05	<.002	3,000	N	N	N	N	150
86WR074	65 46 18	147 4 35	5.00	3.00	5.00	.300	1,000	N	N	N	<10	<20
86WR075A	65 46 15	147 4 32	5.00	2.00	.05	.500	1,000	N	N	N	100	500
86WR076	65 46 8	147 4 38	.70	.05	.15	.050	300	N	N	N	500	50
86WR077	65 52 31	147 16 40	.50	.50	>20.00	.100	200	N	N	N	50	50
86WR080	65 47 35	147 4 22	.20	7.00	10.00	.003	300	N	N	N	N	<20
86WR081A	65 47 38	147 4 22	.05	.20	>20.00	.005	100	N	N	N	N	50
86WR081B	65 47 37	147 4 22	20.00	.15	.05	.030	200	3.0	200	N	<10	300
86WR082	65 47 40	147 4 23	5.00	3.00	2.00	.500	700	N	N	N	10	<20
86WR083	65 48 1	147 4 23	5.00	3.00	1.00	.700	1,000	<.5	N	N	<10	70
86WR084	65 48 4	147 4 41	5.00	2.00	1.50	1.000	500	N	N	N	10	700
86WR084A	65 48 4	147 4 41	2.00	1.50	.20	.300	200	N	N	N	20	700
86WR084B	65 48 4	147 4 41	3.00	.50	<.05	.100	300	.5	N	N	20	700
86WR085A	65 48 28	147 4 42	5.00	2.00	1.00	.700	1,000	N	N	N	<10	700
86WR085B	65 48 28	147 4 42	10.00	1.50	2.00	1.000	1,500	.7	N	N	<10	2,000
86WR085C	65 48 28	147 4 42	3.00	2.00	2.00	.300	1,000	N	N	N	20	200
86WR085D	65 48 28	147 4 42	5.00	1.50	<.05	.300	300	N	N	N	100	500
86WR086A	65 48 38	147 4 44	1.00	.30	<.05	.100	200	N	N	N	70	2,000
86WR086B	65 48 38	147 4 44	3.00	.10	N	.070	100	<.5	200	N	20	1,000
86WR087A	65 47 14	147 12 59	.70	10.00	20.00	.005	1,000	N	N	N	<10	30
86WR087B	65 47 14	147 12 59	5.00	2.00	1.00	.700	500	N	N	N	15	500
86WR088	65 47 21	147 13 18	7.00	5.00	.05	.500	500	N	N	N	<10	500
86WR090A	65 47 48	146 58 49	3.00	5.00	.70	.050	500	N	N	N	N	<20
86WR090B	65 47 48	146 58 49	1.00	.30	<.05	.150	50	N	N	N	50	200
86WR090C	65 47 48	146 58 49	.70	.10	<.05	.030	50	N	N	N	20	100

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6MR059B	<1.0	N	N	50	500	30	20	N	<20	300	N	N	15	N
B6MR060A	N	N	N	N	N	5	N	N	N	N	N	N	N	N
B6MR060B	<1.0	N	N	50	200	50	N	N	N	150	N	N	20	N
B6MR061A	N	N	N	50	3,000	<5	N	N	N	1,000	N	N	10	N
B6MR061B	N	N	N	50	300	30	N	N	N	70	N	N	30	N
B6MR062B	<1.0	N	N	10	<10	7	N	N	N	20	N	N	5	N
B6MR062C	N	N	N	10	10	<5	N	N	N	20	15	N	N	N
B6MR063	<1.0	N	N	N	<10	10	N	N	N	7	N	N	<5	N
B6MR064A	N	N	N	N	<10	70	N	N	N	5	N	N	N	N
B6MR064B	1.0	N	N	7	30	20	N	N	N	30	N	N	10	N
B6MR065B	<1.0	N	N	10	150	10	N	N	N	50	<10	N	7	N
B6MR066	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
B6MR066A	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
B6MR067B	<1.0	N	N	15	500	15	N	N	N	100	N	N	7	N
B6MR068	<1.0	N	N	50	300	30	N	N	N	70	N	N	20	N
B6MR069	1.5	N	N	7	<10	<5	50	N	N	7	<10	N	7	<10
B6MR070A	<1.0	N	N	70	200	20	30	N	30	70	<10	N	15	N
B6MR070C	1.0	N	N	50	200	30	50	N	20	70	<10	N	20	N
B6MR072	N	N	N	N	10	15	N	N	N	N	20	N	<5	N
B6MR073A	N	N	N	N	15	5	N	N	N	10	N	N	5	N
B6MR073B	N	N	N	N	N	7	N	N	N	15	<10	N	N	N
B6MR074	N	N	N	20	10	70	N	N	N	15	N	N	20	N
B6MR075A	<1.0	N	N	20	150	30	20	N	N	50	<10	N	20	N
B6MR076	5.0	N	N	N	N	<5	N	N	<20	<5	N	N	<5	N
B6MR077	N	N	N	N	20	5	N	N	N	5	15	N	<5	N
B6MR080	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR081A	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR081B	<1.0	N	N	50	30	70	N	50	N	50	200	100	5	N
B6MR082	N	N	N	50	300	50	N	N	N	100	N	N	20	N
B6MR083	<1.0	N	N	70	200	30	N	N	N	50	10	N	30	N
B6MR084	1.0	N	<20	70	20	5	<20	N	<20	20	N	N	20	N
B6MR084A	<1.0	N	N	15	200	<5	N	N	N	70	10	N	20	N
B6MR084B	5.0	N	30	5	20	30	50	20	30	150	50	N	7	N
B6MR085A	1.0	N	N	20	<10	5	30	5	N	7	20	N	10	N
B6MR085B	<1.0	N	N	50	N	20	50	N	<20	<5	10	N	10	N
B6MR085C	<1.0	N	<20	30	200	5	N	N	N	50	150	N	15	N
B6MR085D	1.0	N	N	20	200	50	30	N	N	100	<10	N	20	N
B6MR086A	2.0	N	N	N	N	<5	N	N	N	7	10	N	7	<10
B6MR086B	1.0	N	N	15	50	70	<20	7	N	70	<10	N	7	N
B6MR087A	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR087B	1.0	N	N	20	20	20	N	N	N	50	<10	N	15	N
B6MR088	<1.0	N	<20	70	500	50	N	N	N	150	<10	N	30	N
B6MR090A	N	N	N	50	1,500	50	N	N	N	500	N	N	15	N
B6MR090B	<1.0	N	N	N	20	20	N	N	N	15	N	N	7	N
B6MR090C	N	N	N	N	15	7	N	N	N	5	N	N	<5	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	Th-ppm	Au-ppm	As-ppm	Bi-ppm	Cd-ppm	Sb-ppm	In-ppm	Rocktype
	s	s	s	s	s	s	s	aa	aa	aa	aa	aa	aa	
B6MR059B	100	100	N	15	300	100	N	N	40	N	.30	4	810	21
B6MR060A	<100	10	N	N	N	N	N	—	20	N	.20	N	30	21
B6MR060B	200	200	N	30	N	100	N	—	N	N	.20	N	100	31
B6MR061A	N	50	N	N	N	N	N	—	N	N	N	N	20	32
B6MR061B	<100	200	N	30	N	70	N	—	N	N	N	N	80	32
B6MR062B	N	30	N	10	N	30	N	—	10	N	N	N	70	—
B6MR062C	300	10	N	<10	N	10	N	—	N	N	N	N	130	21
B6MR063	N	50	N	<10	N	30	N	—	N	N	.20	N	75	34
B6MR064A	700	10	N	N	N	N	N	—	N	N	N	N	30	22
B6MR064B	N	100	N	<10	N	50	N	—	N	N	.10	N	30	34
B6MR065B	<100	70	N	15	N	200	N	—	10	N	.40	N	140	25
B6MR066	N	10	N	N	<200	N	N	—	N	N	.60	N	220	21
B6MR066A	N	20	N	N	N	15	N	—	N	N	N	N	55	34
B6MR067B	200	70	N	20	N	50	N	—	N	N	.20	N	75	25
B6MR068	100	100	N	20	N	70	N	—	N	N	.20	N	60	31
B6MR069	N	30	N	30	N	150	N	—	N	N	.10	N	35	25
B6MR070A	500	100	N	30	N	150	N	—	N	N	N	N	150	31
B6MR070C	700	150	N	30	N	150	N	—	N	N	N	N	100	16
B6MR072	N	70	N	N	N	20	N	—	N	N	N	2	5	34
B6MR073A	N	30	N	N	N	10	N	—	N	N	.10	N	30	21
B6MR073B	N	10	N	N	200	10	N	—	10	N	.20	N	85	21
B6MR074	100	150	N	20	N	50	N	—	N	N	N	N	70	31
B6MR075A	N	200	N	30	N	100	N	—	N	N	N	N	95	20
B6MR076	<100	<10	N	15	N	70	N	—	N	N	.10	N	15	29
B6MR077	1,500	10	N	15	N	70	N	—	N	N	N	N	5	21
B6MR080	N	<10	N	N	N	N	N	—	N	N	.10	N	30	21
B6MR081A	200	10	N	N	N	N	N	—	N	N	.40	N	190	21
B6MR081B	N	200	N	<10	<200	10	N	N	500	N	.60	82	250	21
B6MR082	200	100	N	20	N	20	N	—	N	N	.10	N	70	31
B6MR083	100	150	N	20	N	70	N	—	10	N	.20	N	75	31
B6MR084	150	200	N	30	200	100	N	—	N	N	4.10	N	430	31
B6MR084A	N	200	N	20	N	100	N	—	N	N	.20	N	190	25
B6MR084B	N	300	N	70	2,000	150	N	N	20	N	33.00	15	>2,000	34
B6MR085A	100	70	N	50	<200	100	N	—	N	N	1.30	N	190	31
B6MR085B	1,000	50	N	70	<200	100	N	—	N	N	.80	N	160	31
B6MR085C	200	100	N	20	200	70	N	—	10	N	2.50	N	560	30
B6MR085D	N	300	N	30	N	100	N	N	10	N	.20	4	85	19
B6MR086A	<100	15	N	50	N	70	N	—	10	N	.10	2	15	25
B6MR086B	<100	200	N	15	N	30	N	N	150	N	.10	14	45	34
B6MR087A	<100	15	N	N	N	10	N	—	N	N	.30	N	40	21
B6MR087B	<100	100	N	20	N	70	N	—	N	N	.30	N	120	25
B6MR088	N	150	N	20	200	50	N	—	10	N	4.00	N	260	13
B6MR090A	N	50	N	N	N	<10	N	—	N	N	.20	N	50	32
B6MR090B	N	100	N	<10	N	50	N	—	N	N	.10	N	15	34
B6MR090C	N	20	N	N	N	15	N	—	N	N	N	N	10	34

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
B6MR092	65 47 26	147 4 18	.10	10.00	20.00	.002	200	N	N	N	N	<20
B6MR093	65 22 23	146 54 27	2.00	.50	<.05	.200	300	N	N	N	20	<20
B6MR094	65 22 32	146 52 21	3.00	1.00	.05	.300	200	N	N	N	100	500
B6MR095	65 23 22	146 53 9	.20	.05	<.05	.150	1,000	N	N	N	10	100
B6MR096	65 28 49	147 19 19	1.00	.10	.15	.100	150	N	N	N	15	200
B6MR098	65 27 28	147 18 40	3.00	.70	<.05	.100	500	N	N	N	10	50
B6MR099A	65 25 8	147 21 35	.50	.05	.15	.070	300	N	N	N	15	50
B6MR099B	65 25 8	147 21 35	3.00	1.50	<.05	.500	150	N	N	N	150	1,000
B6MR100	65 25 18	147 25 35	1.00	.10	<.05	.050	50	N	N	N	10	100
B6MR101	65 27 7	147 23 15	5.00	1.00	N	.300	200	N	N	N	50	200
B6MR102	65 21 58	146 50 51	2.00	.20	<.05	.100	70	N	N	N	10	20
B6MR105	65 23 58	146 39 57	.50	.10	<.05	.070	100	N	N	N	<10	70
B6MR106A	65 21 52	146 33 9	1.00	.30	<.05	.150	100	N	N	N	30	100
B6MR106B	65 21 52	146 33 9	2.00	1.00	<.05	.500	150	N	N	N	100	500
B6MR108	65 20 3	147 1 20	.50	.10	<.05	.100	20	N	N	N	20	100
B6MR109	65 17 31	147 1 50	1.00	.30	<.05	.200	70	N	N	N	20	70
B6MR110	65 16 48	147 2 23	3.00	1.00	<.05	.300	100	N	N	N	200	300
B6MR111	65 16 54	147 5 0	1.50	.50	<.05	.100	100	N	N	N	10	150
B6MR112	65 16 12	147 7 10	1.00	.20	<.05	.150	300	N	N	N	10	100
B6MR113	65 19 8	147 27 2	.30	.05	N	.200	100	N	N	N	10	70
B6MR114	65 21 0	147 23 38	1.50	.30	N	.100	100	N	N	N	20	20
B6MR115	65 22 43	147 25 33	.70	.20	.15	.100	150	N	N	N	10	100
B6MR117	65 18 20	147 52 10	1.00	.50	N	.200	100	N	N	N	30	500
BB0113A	65 47 3	147 4 0	.07	<.02	<.05	.020	<10	N	N	N	30	100
LA029R	65 32 8	147 19 30	.50	.05	.05	.070	100	<.5	N	N	15	70
LA030R1	65 32 15	147 20 0	.70	.30	.20	.150	200	N	N	N	50	300
LA030R2	65 32 15	147 20 0	1.00	.70	.70	.200	500	N	N	N	20	150
LA031R	65 32 17	147 20 11	3.00	2.00	.20	.500	300	N	N	N	50	2,000
LA032R	65 32 18	147 20 25	1.00	.15	<.05	.100	200	N	N	N	50	200
LA033R	65 32 37	147 21 50	.70	.10	.05	.100	70	N	N	N	50	200
LA034R	65 32 49	147 22 9	1.00	.20	<.05	.100	150	<.5	N	N	30	100
LA035R	65 33 17	147 22 5	5.00	1.50	1.00	.300	1,000	N	N	N	200	500
LA036R	65 33 2	147 22 0	1.00	.15	<.05	.150	70	N	N	N	20	200
LA037R	65 33 48	147 22 34	2.00	.70	N	.300	50	1.5	N	N	200	500
LA101R	65 17 35	147 6 12	1.00	.05	N	.150	100	N	N	N	30	200
LA137R1	65 50 41	146 51 24	.50	.20	>20.00	.030	700	<.5	N	N	15	50
LA137R2	65 50 41	146 51 24	3.00	2.00	2.00	.300	500	N	N	N	70	300
LA137R3	65 50 41	146 51 24	2.00	2.00	3.00	.200	700	N	N	N	70	500
LA144R	65 34 39	147 21 57	1.00	.10	<.05	.150	200	N	N	N	30	300
LA150R	65 30 14	147 24 15	3.00	1.00	<.05	.500	200	N	N	N	70	500
LA152R	65 25 6	146 58 9	7.00	2.00	2.00	.700	1,000	N	N	N	10	300
LA154R	65 25 28	147 9 10	.70	.10	<.05	.050	70	N	N	N	15	50
LA179R	65 43 32	146 57 9	1.00	.70	<.05	.300	200	.7	N	N	200	>5,000
LA181R	65 42 36	146 51 47	1.50	.70	10.00	.100	1,000	N	N	N	20	300
LA188R	65 45 43	146 40 30	3.00	.50	<.05	.300	70	.5	N	N	200	2,000

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
B6MR092	N	N	N	N	N	N	N	N	N	N	<10	N	N	N
B6MR093	<1.0	N	N	15	15	5	N	N	N	30	<10	N	5	N
B6MR094	2.0	N	N	7	70	7	N	N	N	7	15	N	10	N
B6MR095	<1.0	N	N	N	<10	N	N	N	N	<5	N	N	N	N
B6MR096	3.0	N	N	N	N	N	N	N	N	<5	50	N	5	N
B6MR098	<1.0	N	N	7	20	5	N	<5	N	20	10	N	5	N
B6MR099A	<1.0	N	N	<5	<10	<5	N	N	N	5	10	N	N	N
B6MR099B	1.0	N	N	20	200	50	70	N	N	30	30	N	20	<10
B6MR100	<1.0	N	N	N	<10	<5	N	N	N	5	30	N	N	N
B6MR101	1.0	N	N	7	50	15	20	N	N	30	20	N	10	N
B6MR102	<1.0	N	N	5	<10	<5	N	N	N	5	<10	N	5	N
B6MR105	<1.0	N	N	N	<10	<5	N	N	N	<5	N	N	N	N
B6MR106A	<1.0	N	N	5	10	<5	N	N	N	5	15	N	5	N
B6MR106B	1.0	N	N	<5	100	15	N	N	N	<5	20	N	20	N
B6MR108	<1.0	N	N	N	<10	<5	N	N	N	5	N	N	<5	N
B6MR109	<1.0	N	N	7	15	5	N	N	N	15	10	N	5	N
B6MR110	1.0	N	N	5	30	10	N	N	N	<5	20	N	10	N
B6MR111	1.0	N	N	7	10	15	N	N	N	10	15	N	5	N
B6MR112	<1.0	N	N	7	<10	<5	N	N	N	15	<10	N	<5	N
B6MR113	<1.0	N	N	<5	<10	<5	N	N	N	<5	N	N	<5	N
B6MR114	<1.0	N	N	<5	<10	<5	N	N	N	5	<10	N	<5	N
B6MR115	<1.0	N	N	7	10	<5	N	N	N	5	<10	N	<5	N
B6MR117	<1.0	N	N	7	50	10	N	N	N	10	10	N	7	N
BB0113A	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
LA029R	7.0	N	N	N	N	7	100	N	<20	5	50	100	7	10
LA030R1	<1.0	N	N	5	20	7	N	N	N	10	<10	<100	5	N
LA030R2	1.0	N	N	10	70	5	N	N	N	30	N	N	7	N
LA031R	1.0	N	N	30	150	<5	70	N	N	70	50	N	20	<10
LA032R	<1.0	N	N	5	10	5	<20	N	N	10	N	N	5	N
LA033R	1.0	N	N	<5	10	<5	N	N	N	7	N	N	<5	N
LA034R	<1.0	N	N	5	10	<5	20	N	N	5	20	N	5	N
LA035R	1.0	N	N	20	100	20	50	N	N	50	10	N	15	N
LA036R	N	N	N	5	10	<5	N	N	N	10	N	N	<5	N
LA037R	1.0	N	N	5	50	20	30	N	N	20	N	N	10	N
LA101R	<1.0	N	N	7	20	5	20	N	N	7	<10	N	5	N
LA137R1	N	N	N	N	<10	<5	N	N	N	5	30	N	N	N
LA137R2	1.0	N	N	20	70	15	20	N	N	30	20	N	15	N
LA137R3	1.0	N	N	15	70	10	20	N	N	30	20	N	10	N
LA144R	<1.0	N	N	<5	<10	5	N	N	N	7	50	N	<5	N
LA150R	1.0	N	N	5	100	30	70	N	<20	10	20	N	20	N
LA152R	<1.0	N	N	50	200	10	N	N	<20	100	<10	N	30	N
LA154R	<1.0	N	N	<5	<10	150	N	N	N	7	N	N	N	N
LA179R	1.0	N	N	5	30	10	<20	5	N	20	10	N	10	N
LA181R	N	N	N	5	10	<5	N	N	N	7	<10	N	<5	N
LA186R	1.0	N	N	10	70	50	30	30	N	30	30	N	15	N

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
86WR092	N	N	N	N	N	<10	N	—	N	N	.10	N	20	21
86WR093	N	30	N	20	N	300	N	—	N	N	N	N	55	24
86WR094	100	100	N	20	N	200	N	—	N	N	N	N	60	24
86WR095	N	20	N	<10	N	500	N	—	10	N	N	N	10	25
86WR096	<100	10	N	70	N	200	N	—	N	N	N	N	30	29
86WR098	<100	30	N	15	N	200	N	—	N	N	N	N	65	25
86WR099A	N	15	N	<10	N	100	N	—	N	N	N	N	20	25
86WR099B	N	100	N	30	N	150	N	—	10	N	.30	N	55	28
86WR100	N	20	N	<10	N	100	N	—	N	N	N	N	25	25
86WR101	N	50	N	15	N	150	N	—	N	N	N	N	110	25
86WR102	N	30	N	10	N	300	N	—	N	N	N	N	30	25
86WR105	N	15	N	10	N	100	N	—	10	N	N	N	10	25
86WR106A	<100	20	N	10	N	150	N	—	N	N	N	N	20	25
86WR106B	<100	100	N	15	N	200	N	—	N	N	N	N	40	28
86WR108	N	50	N	<10	N	100	N	—	10	N	N	N	10	25
86WR109	N	50	N	15	N	500	N	—	N	N	N	N	20	25
86WR110	N	70	N	15	N	500	N	—	N	N	N	N	60	25
86WR111	<100	30	N	20	N	700	N	—	10	N	N	N	20	25
86WR112	N	20	N	20	N	500	N	—	N	N	N	N	15	25
86WR113	N	20	N	N	N	300	N	—	N	N	N	N	<5	25
86WR114	N	20	N	20	N	300	N	—	N	N	N	N	30	25
86WR115	<100	20	N	10	N	200	N	—	N	N	N	N	15	25
86WR117	N	30	N	10	N	200	N	—	10	N	N	N	35	25
BB0113A	N	20	N	N	N	10	N	—	N	N	N	N	N	28
LA029R	N	<10	N	150	N	70	N	N	N	N	.10	38	15	0
LA030R1	<100	30	N	<10	N	200	N	N	N	N	.10	22	45	0
LA030R2	150	50	N	10	N	150	N	N	N	N	N	16	45	0
LA031R	200	50	N	30	N	100	N	N	N	N	<.10	12	70	0
LA032R	N	50	N	10	N	200	N	N	N	N	N	6	35	0
LA033R	N	30	N	N	N	200	N	N	N	N	N	8	20	0
LA034R	N	30	N	50	N	200	N	N	N	N	N	6	35	0
LA035R	100	70	N	20	N	100	N	—	N	N	N	N	85	0
LA036R	N	30	N	10	N	100	N	—	N	N	N	2	25	0
LA037R	N	70	N	20	N	100	N	N	N	N	N	2	30	0
LA101R	N	50	N	15	N	150	N	—	N	N	N	N	20	24
LA137R1	500	10	N	30	N	10	N	—	N	N	N	N	10	35
LA137R2	<100	70	N	20	N	100	N	—	N	N	N	N	75	18
LA137R3	<100	70	N	20	N	70	N	—	N	N	N	N	55	24
LA144R	N	30	N	15	N	500	N	—	N	N	.10	N	25	25
LA150R	<100	150	N	30	N	100	N	—	N	N	N	N	50	28
LA152R	<100	150	N	30	N	100	N	—	N	N	N	2	100	28
LA154R	N	15	N	N	N	70	N	—	N	N	N	2	20	24
LA179R	N	300	N	15	N	70	N	N	10	N	.60	10	90	20
LA181R	300	20	N	15	N	100	N	—	N	N	N	N	20	24
LA188R	<100	200	N	30	<200	150	N	N	50	N	N	10	110	20

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm %	Ag-ppm %	As-ppm %	Au-ppm %	B-ppm %	Ba-ppm %
LA197R	65 44 39	146 29 45	5.00	.20	N	.300	50	<.5	N	N	150	3,000
LA199R	65 48 54	146 39 9	5.00	2.00	5.00	<.002	5,000	N	N	N	<10	70
LA207R1	65 21 15	146 47 20	1.00	.20	<.05	.050	200	N	N	N	<10	20
LA207R2	65 21 15	146 47 20	1.00	.10	<.05	.150	200	N	N	N	10	100
LA213R	65 41 0	147 15 30	3.00	1.00	.20	.300	2,000	.5	N	N	100	500
LA224R	65 52 7	147 13 38	1.50	.03	.05	.100	70	2.0	N	N	50	20
LA225R1	65 51 52	147 13 30	3.00	1.00	<.05	.300	200	N	N	N	150	300
LA225R2	65 51 52	147 13 30	2.00	1.00	<.05	.200	200	N	N	N	70	300
LA226R	65 51 35	147 13 21	2.00	.50	.05	.200	300	N	N	N	50	100
LA227R	65 51 28	147 13 14	1.00	.07	<.05	.150	150	N	N	N	20	150
LA229R	65 51 10	147 15 30	3.00	3.00	3.00	.500	700	N	N	N	10	100
LA231R	65 51 15	147 10 30	1.00	.20	.05	.100	300	N	N	N	N	<20
LA235R	65 49 10	146 59 52	2.00	1.50	.05	.300	200	N	N	N	300	500
LA237R	65 51 58	146 50 10	2.00	1.50	5.00	.200	500	N	N	N	100	200
LA240R	65 23 35	146 33 55	1.00	.10	.10	.070	300	N	N	N	300	150
LA241R	65 23 30	146 33 40	5.00	2.00	.20	.300	500	N	N	N	150	300
LA242R	65 20 55	146 35 45	.70	.10	N	.100	100	N	N	N	15	150
LA245R	65 28 35	147 18 2	1.00	.10	.07	.050	300	N	N	N	150	20
LA246R	65 28 28	147 18 12	1.00	.10	.15	.100	500	N	N	N	20	200
LA250R	65 31 35	147 20 22	1.00	.10	.70	.100	200	N	N	N	15	200
LA258R	65 16 12	147 46 44	.70	.05	<.05	.100	150	N	N	N	30	50
LA265R	65 29 9	147 4 31	.50	.10	.10	N	1,500	N	5,000	N	300	200
LA266R1	65 20 10	146 43 32	.70	.10	<.05	.100	100	N	N	N	<10	N
LA266R2	65 20 10	146 43 32	2.00	.20	<.05	.150	500	N	N	N	20	100
LA266R3	65 20 10	146 43 32	2.00	.30	<.05	.200	500	N	N	N	20	300
LA266R4	65 20 10	146 43 32	1.50	.05	.07	.050	500	N	N	N	30	<20
LA271R1	65 20 15	146 43 39	3.00	.03	<.05	.050	50	N	N	N	<10	20
LA271R2	65 20 15	146 43 39	2.00	.20	.05	.010	150	<.5	N	N	20	<20
LA271R3	65 20 15	146 43 39	5.00	.20	<.05	.070	100	N	N	N	10	50
LA271R4	65 20 15	146 43 39	2.00	.30	<.05	.100	150	N	N	N	15	150
LA272R1	65 21 26	146 36 42	1.00	.30	<.05	.200	200	N	N	N	10	100
LA272R2	65 21 26	146 36 42	1.00	.20	<.05	.150	100	N	N	N	10	70
LA272R3	65 21 26	146 36 42	.50	.05	<.05	.070	100	.5	N	N	<10	20
LA272R4	65 21 26	146 36 42	.50	.02	.10	.010	300	<.5	N	N	50	N
LA282R	65 21 43	146 34 15	2.00	.30	<.05	.100	150	.5	N	N	10	70
LA312R	65 20 5	146 51 22	2.00	.50	.70	.200	700	N	N	N	10	1,500
LA319R	65 50 24	146 56 56	.30	.02	N	.020	500	N	N	N	10	300
LA322R	65 49 59	146 45 34	5.00	5.00	1.00	1.000	500	N	N	N	<10	50
LA323R	65 32 20	147 20 40	2.00	.50	.20	.100	500	N	N	N	20	200
LA324R	65 32 22	147 20 50	1.50	.07	.15	.050	2,000	N	N	N	<10	20
LA325R	65 32 27	147 21 4	3.00	1.00	.30	.150	700	.7	N	N	10	30
LA326R1	65 32 28	147 21 15	1.00	.03	<.05	.050	300	N	N	N	<10	200
LA326R2	65 32 28	147 21 15	5.00	<.02	<.05	.050	2,000	10.0	N	N	N	70
LA327R	65 32 53	147 22 16	1.00	.20	N	.100	500	N	N	N	70	100
LA328R	65 33 1	147 22 14	2.00	.50	<.05	.200	500	N	N	N	30	150

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
LA197R	1.0	N	N	N	100	70	N	<5	N	20	N	N	15	N
LA199R	N	N	N	N	N	10	N	N	N	20	<10	N	N	N
LA207R1	N	N	N	10	N	<5	N	N	N	10	20	N	N	N
LA207R2	1.0	N	N	7	20	5	N	N	N	7	10	N	5	N
LA213R	2.0	N	N	20	70	50	30	N	N	70	20	N	20	N
LA224R	N	N	N	N	<10	10	N	N	N	5	N	N	5	N
LA225R1	2.0	N	N	20	70	5	100	N	N	50	<10	N	15	N
LA225R2	1.5	N	N	10	30	10	20	N	N	30	<10	N	10	N
LA226R	<1.0	N	N	10	30	7	20	N	N	15	10	N	7	N
LA227R	<1.0	N	N	<5	10	5	N	N	N	5	<10	N	5	N
LA229R	<1.0	N	N	30	150	30	N	N	N	50	<10	N	15	N
LA231R	N	N	N	10	<10	10	N	N	N	10	N	N	<5	N
LA235R	1.5	N	N	7	70	20	30	N	<20	20	<10	N	15	N
LA237R	1.0	N	N	10	50	10	20	N	N	30	30	N	10	N
LA240R	3.0	N	N	N	N	N	30	N	N	<5	50	N	5	20
LA241R	1.5	N	N	30	100	30	50	N	N	70	30	N	15	N
LA242R	1.0	N	N	N	<10	<5	N	N	N	<5	N	N	<5	N
LA245R	7.0	N	N	N	N	5	50	N	<20	N	70	N	7	10
LA246R	5.0	N	N	N	N	5	50	N	<20	N	70	N	5	<10
LA250R	5.0	N	N	N	N	N	50	N	N	N	50	N	5	N
LA258R	<1.0	N	N	<5	<10	<5	N	N	N	5	N	N	N	N
LA265R	5.0	N	N	15	N	15	>1,000	N	N	<5	100	N	N	N
LA266R1	N	N	N	N	<10	<5	N	N	N	<5	N	N	N	N
LA266R2	<1.0	N	N	N	<10	10	N	N	N	5	50	N	5	N
LA266R3	1.5	N	N	10	20	15	N	N	N	20	<10	N	7	N
LA266R4	10.0	N	N	N	N	<5	N	N	N	<5	30	N	5	20
LA271R1	<1.0	N	N	N	<10	<5	N	N	N	N	N	N	<5	N
LA271R2	2.0	N	N	7	<10	20	N	N	N	10	20	N	N	N
LA271R3	N	N	N	N	<10	<5	N	N	N	<5	<10	N	<5	N
LA271R4	<1.0	N	N	N	15	7	N	N	N	<5	<10	N	5	N
LA272R1	1.0	N	N	5	10	5	N	N	N	<5	<10	N	5	N
LA272R2	<1.0	N	N	N	10	5	N	N	N	N	N	N	<5	N
LA272R3	<1.0	N	N	N	<10	<5	N	N	N	<5	70	N	N	<10
LA272R4	20.0	<10	N	N	N	N	N	N	N	N	30	N	N	10
LA282R	<1.0	N	N	10	10	15	N	N	N	20	N	N	5	N
LA312R	2.0	N	N	10	20	<5	50	N	N	10	50	N	10	N
LA319R	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
LA322R	<1.0	N	N	100	500	70	N	N	20	500	N	N	15	N
LA323R	2.0	10	N	10	10	20	N	N	N	20	<10	N	5	10
LA324R	N	N	N	<5	N	<5	N	N	N	5	<10	N	<5	<10
LA325R	<1.0	N	20	30	30	20	<20	N	N	50	200	N	7	N
LA326R1	7.0	N	<20	N	N	10	<20	N	20	<5	300	N	<5	15
LA326R2	3.0	20	<20	10	N	200	<20	N	<20	N	7,000	N	<5	100
LA327R	<1.0	N	N	7	10	7	<20	N	N	7	30	N	5	N
LA328R	1.0	N	N	10	20	15	<20	N	N	20	15	N	5	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
LA197R	N	300	N	20	N	100	N	N	10	N	N	4	55	20
LA199R	N	<10	N	10	N	N	N	N	N	N	.20	4	130	33
LA207R1	N	10	N	N	N	10	N	--	N	N	N	N	30	13
LA207R2	100	30	N	10	N	200	N	--	N	N	N	N	25	13
LA213R	100	150	N	70	<200	100	N	--	20	N	.70	N	130	12
LA224R	N	50	N	N	N	30	N	N	N	N	N	4	15	13
LA225R1	150	100	N	20	N	100	N	--	N	N	N	N	70	12
LA225R2	<100	100	N	10	N	70	N	--	N	N	.10	N	60	13
LA226R	N	70	N	15	N	500	N	--	N	N	N	N	40	13
LA227R	N	50	N	10	N	300	N	--	N	N	N	N	20	13
LA229R	1,000	100	N	15	N	50	N	--	N	N	N	N	60	13
LA231R	100	20	N	10	N	200	N	--	N	N	N	N	25	13
LA235R	N	150	N	20	N	200	N	--	N	N	.30	N	70	13
LA237R	150	50	N	20	N	200	N	--	N	N	.30	N	60	13
LA240R	100	10	N	20	N	100	N	N	N	2	.10	N	30	14
LA241R	150	100	N	20	<200	100	N	N	10	N	.20	4	135	13
LA242R	N	30	N	<10	N	200	N	--	N	N	N	2	20	13
LA245R	N	<10	N	100	N	100	N	--	N	N	1.40	2	130	14
LA246R	N	10	N	100	N	100	N	--	N	N	.10	N	20	14
LA250R	<100	15	N	50	N	50	N	--	N	1	.10	N	30	13
LA258R	N	30	N	15	N	300	N	--	N	N	N	N	25	13
LA263R	N	20	N	>2,000	N	10	>2,000	N	>2,000	3	1.40	46	70	13
LA264R1	N	10	N	10	N	500	N	N	N	N	.10	4	10	13
LA266R2	N	20	N	10	N	150	N	--	N	N	N	N	30	13
LA266R3	<100	30	N	10	N	150	N	--	N	N	.10	N	30	13
LA266R4	N	N	N	20	N	20	N	N	N	2	<.10	N	25	14
LA271R1	N	10	N	<10	N	100	N	N	N	N	<.10	4	5	13
LA271R2	100	10	N	N	N	N	N	N	N	N	N	6	20	13
LA271R3	N	15	N	15	N	150	N	--	N	N	N	2	15	13
LA271R4	N	20	N	15	N	100	N	--	N	N	N	N	30	13
LA272R1	N	20	N	15	N	200	N	--	N	N	N	N	20	13
LA272R2	N	20	N	15	N	300	N	--	N	N	N	N	10	13
LA272R3	N	10	N	<10	<200	200	N	N	N	2	.60	2	280	13
LA272R4	N	N	N	30	N	10	N	N	N	3	N	2	5	13
LA282R	N	20	N	10	N	200	N	--	N	N	N	N	45	13
LA312R	1,500	100	N	20	N	100	N	--	N	N	.10	N	55	11
LA319R	N	<10	N	N	N	10	N	--	N	N	N	N	<5	13
LA322R	100	150	N	20	N	150	N	--	N	N	N	N	75	13
LA323R	<100	20	N	20	N	200	N	N	N	3	.20	N	55	29
LA324R	<100	10	N	15	N	100	N	--	N	N	.10	N	70	11
LA325R	300	50	N	15	1,000	50	N	--	N	N	15.00	N	1,300	13
LA326R1	<100	N	N	50	500	70	N	--	N	N	1.20	N	540	14
LA326R2	200	10	N	50	1,000	50	N	N	20	20	2.60	4	>2,000	14
LA327R	N	30	N	15	N	300	N	--	N	N	N	N	30	13
LA328R	N	50	N	20	N	150	N	--	N	N	N	N	80	13

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
LA329R	65 33 55	147 22 5	1.00	.20	.20	.150	700	N	N	N	30	100
LA330R	65 33 43	147 22 29	3.00	1.00	N	.300	200	N	N	N	150	300
LA331R	65 33 53	147 22 34	3.00	2.00	5.00	.500	1,000	N	N	N	<10	200
LA334R	65 30 32	147 19 42	1.00	.10	.15	.100	300	N	N	N	20	150
LA335R1	65 30 15	147 19 35	.50	<.02	.05	.020	200	.5	N	N	500	<20
LA335R2	65 30 15	147 19 35	1.50	.02	<.05	.020	200	.7	N	N	2,000	<20
LA335R3	65 30 15	147 19 35	.50	<.02	.05	.015	200	N	N	N	700	<20
LA336R	65 30 8	147 19 25	2.00	.20	.50	.200	300	N	N	N	20	700
LA337R	65 29 56	147 19 20	2.00	.20	.30	.200	500	N	N	N	15	500
LA338R1	65 29 44	147 19 5	1.00	.05	.15	.050	300	N	N	N	10	<20
LA338R2	65 29 44	147 19 5	.70	.05	.15	.050	300	N	N	N	10	20
LA339R1	65 29 30	147 19 0	1.00	.07	.10	.070	500	N	N	N	10	50
LA339R2	65 29 30	147 19 0	.70	.07	.15	.070	300	N	N	N	10	30
LA340R1	65 29 24	147 18 50	1.00	.10	.15	.100	500	N	N	N	15	100
LA340R2	65 29 24	147 18 50	1.50	.10	.10	.100	500	N	N	N	20	100
LA341R1	65 29 10	147 18 50	1.00	.10	.20	.100	300	N	N	N	15	70
LA341R2	65 29 10	147 18 50	.70	.10	.20	.070	300	N	N	N	15	70
LA341R3	65 29 10	147 18 50	1.00	.10	.20	.100	300	N	N	N	15	70
LA341R4	65 29 10	147 18 50	1.00	.10	.20	.100	300	N	N	N	20	100
LA343R1	65 28 44	147 17 56	.50	.07	.20	.050	200	N	N	N	20	<20
LA343R2	65 28 44	147 17 56	1.00	.10	.15	.070	200	N	N	N	20	20
LA343R3	65 28 44	147 17 56	.70	.07	.15	.070	200	N	N	N	20	<20
LA344R	65 28 40	147 17 50	1.50	.10	.15	.100	500	N	N	N	20	200
LA345R1	65 28 38	147 17 25	3.00	1.00	.20	.200	700	N	N	N	<10	50
LA345R2	65 28 38	147 17 25	2.00	.50	.30	.200	300	N	N	N	10	70
LA366R1	65 38 48	147 5 10	.70	.50	>20.00	.100	1,500	N	N	N	15	1,000
LA366R2	65 38 48	147 5 10	3.00	1.00	10.00	.500	700	N	N	N	10	500
LA370R	65 43 28	147 13 20	5.00	1.50	.05	.500	700	N	N	N	100	500
LA376R	65 31 36	148 26 15	.05	3.00	10.00	.002	50	N	N	N	<10	N
LA377R	65 31 35	148 26 13	.30	.15	<.05	.050	50	N	N	N	20	50
LA378R1	65 31 34	148 26 9	1.00	.20	.05	.200	50	<.5	7,000	N	20	300
LA378R2	65 31 34	148 26 9	1.00	.30	.05	.200	50	<.5	5,000	N	20	300
LA378R3	65 31 34	148 26 9	7.00	.20	<.05	.100	70	1.5	1,300	N	15	150
LA378R4	65 31 34	148 26 9	2.00	.30	<.05	.300	50	.5	1,000	N	30	300
LA379R1	65 30 40	148 30 51	5.00	.50	<.05	.500	70	.7	7,000	N	200	500
LA379R2	65 30 40	148 30 51	3.00	1.00	<.05	.300	50	<.5	500	N	70	500
LA379R3	65 30 40	148 30 51	5.00	.20	<.05	.500	30	.7	7,000	N	200	1,500
LA379R4	65 30 40	148 30 51	15.00	.02	N	.050	200	1.0	>10,000	10	20	300
LA382R	65 22 16	146 33 10	2.00	.50	<.05	.150	500	N	1,000	N	30	200
LA383R	65 22 11	146 34 31	.50	.20	.05	.150	150	N	N	N	15	70
LA444R	65 35 39	147 8 21	1.00	.05	N	.200	70	N	N	N	70	500
LA457R	65 29 16	147 37 45	<.05	2.00	>20.00	.002	50	N	N	N	<10	20
LA459R	65 38 7	147 2 31	2.00	.50	<.05	.200	150	N	N	N	100	700
LA465R	65 42 19	146 50 30	.07	<.02	<.05	.100	50	N	N	N	70	300
LA469R	65 44 12	146 50 40	.30	.03	<.05	.150	30	<.5	N	N	70	700

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Ba-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
LA329R	<1.0	N	N	5	15	7	<20	N	N	7	N	N	5	N
LA330R	1.5	N	N	30	70	20	50	N	<20	30	10	N	15	N
LA331R	N	N	N	50	30	5	<20	N	<20	30	<10	N	15	N
LA334R	3.0	N	N	N	N	N	70	N	<20	N	30	N	5	<10
LA335R1	5.0	20	N	N	N	<5	<20	N	20	N	30	N	<5	10
LA335R2	5.0	10	N	N	N	20	N	N	<20	N	20	N	5	20
LA335R3	5.0	N	N	N	N	N	50	N	N	N	50	N	N	10
LA336R	5.0	N	N	<5	<10	N	70	7	<20	<5	50	N	10	<10
LA337R	5.0	<10	N	<5	<10	<5	100	N	<20	<5	50	N	10	<10
LA338R1	5.0	N	N	N	N	N	20	N	<20	N	50	N	5	<10
LA338R2	7.0	N	N	N	N	<5	20	N	N	N	30	N	5	10
LA339R1	7.0	N	N	N	N	N	30	N	<20	N	30	N	5	<10
LA339R2	5.0	N	N	<5	N	<5	30	N	<20	N	30	N	5	<10
LA340R1	5.0	<10	N	<5	N	N	70	N	<20	<5	30	N	7	<10
LA340R2	5.0	<10	N	<5	N	5	70	N	<20	5	50	N	5	10
LA341R1	3.0	<10	N	N	N	N	100	N	<20	<5	100	N	5	N
LA341R2	5.0	N	N	N	N	<5	30	N	<20	<5	70	N	5	<10
LA341R3	20.0	N	N	N	N	<5	100	N	<20	<5	30	N	5	10
LA341R4	5.0	N	N	N	N	N	70	N	<20	<5	30	N	5	<10
LA343R1	10.0	N	N	N	N	<5	N	N	<20	<5	50	N	5	N
LA343R2	7.0	<10	N	N	N	<5	N	N	<20	<5	50	N	5	N
LA343R3	5.0	N	N	N	N	N	100	N	<20	<5	70	N	5	N
LA344R	5.0	N	N	N	<10	<5	100	N	<20	<5	70	N	7	<10
LA345R1	1.0	N	N	10	20	20	30	N	N	30	N	N	10	N
LA345R2	1.0	N	N	<5	15	5	N	N	N	10	10	N	7	N
LA366R1	N	N	N	5	20	20	20	N	N	15	<10	N	7	N
LA366R2	<1.0	N	N	15	30	20	50	N	<20	20	<10	N	15	N
LA370R	1.0	N	N	20	150	70	N	N	N	70	20	N	20	N
LA376R	N	N	N	N	N	N	N	N	N	N	N	N	N	N
LA377R	<1.0	N	N	N	<10	10	N	N	N	<5	N	N	N	N
LA378R1	1.0	N	N	N	20	20	30	N	N	<5	20	N	10	N
LA378R2	1.5	N	N	N	20	50	50	5	N	5	20	N	10	N
LA378R3	1.5	N	N	<5	20	30	<20	20	N	20	20	N	10	N
LA378R4	1.5	N	N	N	50	10	<20	<5	N	10	20	N	10	N
LA379R1	20.0	N	N	<5	150	20	30	N	N	20	10	N	20	<10
LA379R2	2.0	N	N	<5	150	15	50	N	N	30	15	N	20	N
LA379R3	2.0	N	N	N	<10	15	100	N	<20	7	30	100	15	N
LA379R4	1.0	N	N	10	50	200	<20	N	N	N	20	300	15	N
LA382R	<1.0	N	N	20	20	7	20	N	N	30	10	N	7	N
LA383R	<1.0	N	N	15	10	<5	<20	N	N	10	<10	N	<5	N
LA444R	<1.0	N	N	5	20	<5	20	N	N	15	<10	N	5	<10
LA457R	N	N	N	N	N	<5	N	N	N	N	N	N	N	N
LA459R	<1.0	N	N	<5	15	10	30	N	N	10	70	N	5	N
LA465R	N	N	N	N	10	<5	N	N	N	N	N	N	<5	N
LA469R	<1.0	N	N	N	20	<5	<20	N	N	7	N	N	5	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm g	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
LA329R	<100	30	N	15	N	300	N	--	N	N	N	N	30	13
LA330R	100	100	N	20	N	100	N	--	N	N	N	N	110	13
LA331R	1,000	150	N	15	N	50	N	--	N	N	N	N	65	13
LA334R	N	10	N	100	N	150	N	--	N	N	N	N	20	14
LA335R1	N	N	N	50	N	70	N	--	N	20	N	N	15	14
LA335R2	N	N	N	50	N	100	N	N	40	10	N	N	10	14
LA335R3	N	N	N	70	N	70	N	--	N	N	N	N	30	14
LA336R	100	20	N	70	N	200	N	--	N	N	N	N	30	14
LA337R	100	20	N	100	N	200	N	--	N	3	N	N	35	14
LA338R1	N	<10	N	50	N	100	N	--	N	N	N	N	15	14
LA338R2	N	<10	N	50	N	30	N	--	N	N	N	N	20	14
LA339R1	N	10	N	70	N	50	N	--	N	N	N	N	15	14
LA339R2	N	10	N	50	N	300	N	--	N	N	N	N	15	14
LA340R1	N	15	N	70	N	200	N	--	N	1	N	N	30	14
LA340R2	N	10	N	70	<200	100	N	N	N	6	N	N	120	14
LA341R1	N	10	N	100	N	150	N	--	N	N	N	N	80	14
LA341R2	N	10	N	30	<200	100	N	--	N	N	N	N	130	14
LA341R3	N	10	N	50	N	100	N	--	N	N	N	N	30	14
LA341R4	N	10	N	50	N	100	N	--	N	N	N	N	25	14
LA343R1	N	10	N	70	N	50	N	--	N	N	N	N	10	14
LA343R2	N	10	N	100	N	70	N	--	N	N	N	N	15	14
LA343R3	N	10	<50	30	N	30	N	--	N	N	N	N	10	14
LA344R	N	10	N	100	N	100	N	--	N	N	.50	N	70	14
LA345R1	100	50	N	30	N	150	N	--	N	N	N	N	85	14
LA345R2	150	50	N	20	N	200	N	--	N	N	N	N	45	13
LA366R1	1,000	70	N	20	N	30	N	--	N	N	.10	N	50	13
LA366R2	300	100	N	30	N	150	N	--	N	N	.10	N	50	13
LA370R	<100	200	N	20	<200	100	N	--	N	N	.10	2	130	13
LA376R	N	N	N	N	N	<10	N	--	N	N	N	N	<5	13
LA377R	N	50	N	N	N	15	N	--	30	N	N	2	15	13
LA378R1	200	200	N	20	N	100	N	.35	>2,000	N	.20	8	15	35
LA378R2	150	200	<50	20	N	200	N	.80	>2,000	N	.20	8	15	35
LA378R3	N	200	N	20	200	50	N	.15	1,900	N	.30	20	430	35
LA378R4	<100	200	<50	20	N	100	N	.15	900	N	N	12	60	35
LA379R1	500	200	300	30	N	100	N	33.00	>2,000	N	.30	32	50	13
LA379R2	150	200	<50	20	N	100	N	.10	500	N	N	6	30	11
LA379R3	700	100	200	30	N	200	N	1.10	>2,000	N	.10	36	30	14
LA379R4	N	70	N	10	N	20	N	16.00	>2,000	4	.40	160	25	35
LA382R	<100	50	N	20	N	200	N	.15	1,000	N	.10	2	35	35
LA383R	<100	15	N	15	N	300	N	--	N	N	N	2	15	35
LA444R	N	50	N	15	N	150	N	--	N	N	N	2	35	30
LA457R	150	<10	N	N	N	N	N	--	N	N	N	N	<5	21
LA459R	<100	50	N	20	N	500	N	--	N	N	N	N	100	11
LA465R	N	15	N	15	N	300	N	--	N	N	N	2	N	14
LA469R	N	100	N	15	N	100	N	--	N	N	N	2	15	16

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
LA514R	65 48 35	147 18 45	5.00	1.50	2.00	.500	700	N	N	N	10	500
LA517R	65 48 19	147 9 0	10.00	3.00	3.00	.700	1,000	N	N	N	<10	150
LA522R	65 30 19	146 50 18	.20	.07	<.05	.050	100	N	N	N	30	150
LA527R	65 23 48	147 11 53	1.50	.50	.50	.070	700	N	N	N	15	100
LA561R	65 19 36	146 47 50	.50	.10	<.05	.150	70	<.5	N	N	20	200
LA561R1	65 19 36	146 47 50	2.00	.50	N	.100	300	N	N	N	10	100
LA562R1	65 19 47	146 46 10	2.00	.70	.10	.100	200	N	N	N	<10	30
LA562R2	65 19 47	146 46 10	3.00	1.50	2.00	.100	700	N	N	N	10	70
LA562R3	65 19 47	146 46 10	2.00	.02	.15	.050	70	<.5	N	N	N	<20
LA565R	65 21 18	146 37 10	.50	.10	<.05	.100	70	N	N	N	15	200
LA617R	65 32 30	147 14 50	3.00	.70	<.05	.200	1,000	.5	N	N	30	200
LA650R	65 28 19	147 34 25	<.05	.50	>20.00	.003	10	N	N	N	<10	300
LA658R	65 37 9	147 6 30	1.50	.50	<.05	.100	700	N	N	N	20	200
LA674R	65 43 17	147 26 55	<.05	>10.00	20.00	.002	50	N	N	N	<10	<20
LA700R1	65 49 45	146 44 40	.70	.30	1.00	.030	300	N	N	N	10	300
LA700R2	65 49 45	146 44 40	5.00	1.00	.20	.200	1,000	<.5	N	N	100	500

TABLE 3.—ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA—Continued

Sample	Be-ppm	Bi-ppm	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm	Sb-ppm	Sc-ppm	Sn-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LA514R	1.0	N	N	20	N	7	200	N	<20	5	20	N	10	N
LA517R	<1.0	N	N	100	15	50	N	N	N	30	N	N	30	N
LA522R	<1.0	N	N	N	N	5	N	N	N	5	N	N	5	N
LA527R	<1.0	N	N	N	<10	15	N	N	N	7	<10	N	<5	N
LA561R	<1.0	N	N	N	<10	<5	N	N	N	<5	<10	N	<5	N
LA561R1	<1.0	N	N	7	<10	5	N	N	N	7	N	N	5	N
LA562R1	<1.0	N	N	10	<10	15	N	N	N	15	<10	N	5	N
LA562R2	<1.0	N	N	7	10	5	N	N	N	10	<10	N	5	N
LA562R3	N	N	N	7	N	150	N	N	N	10	<10	N	N	N
LA565R	<1.0	N	N	N	<10	<5	N	N	N	<5	<10	N	<5	N
LA617R	1.0	N	N	7	30	10	70	N	N	20	50	N	10	70
LA650R	N	N	N	N	N	N	N	N	N	N	N	N	N	N
LA658R	<1.0	N	N	15	50	7	20	N	N	15	10	N	5	N
LA674R	N	N	N	N	N	5	N	N	N	N	<10	N	N	N
LA700R1	N	N	N	N	N	10	N	N	N	5	<10	N	N	N
LA700R2	1.0	N	N	30	70	10	30	N	N	30	30	N	15	N

TABLE 3.--ANALYTICAL DATA FOR ROCK SAMPLES FROM THE WHITE MOUNTAINS NATIONAL RECREATION AREA--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppb aa	As-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa	Rocktype
LA514R	<100	100	N	100	N	200	200	N	40	N	3.00	N	65	11
LA517R	200	200	N	50	<200	100	N	--	N	N	.50	N	130	11
LA522R	N	15	N	<10	N	20	N	--	10	N	N	N	10	11
LA527R	<100	20	N	10	N	50	N	--	N	N	.10	N	25	11
LA561R	N	30	N	10	N	100	N	N	70	N	N	10	5	11
LA561R1	N	20	N	15	N	150	N	--	10	N	N	N	50	11
LA562R1	N	20	N	15	N	200	N	--	N	N	.30	2	150	11
LA562R2	200	20	N	20	N	100	N	--	10	N	.10	6	45	11
LA562R3	N	<10	N	<10	N	N	N	N	N	N	N	30	5	11
LA565R	N	20	N	10	N	150	N	--	N	N	N	N	5	11
LA617R	N	50	N	20	N	300	N	--	N	N	1.00	2	110	11
LA650R	500	<10	N	N	N	N	N	--	N	N	N	N	<5	21
LA658R	<100	20	N	15	N	300	N	--	N	N	N	2	100	30
LA674R	<100	<10	N	N	N	N	N	--	N	N	.70	N	130	21
LA700R1	<100	70	N	N	N	<10	N	--	10	N	N	2	10	35
LA700R2	<100	70	N	20	N	70	N	--	20	N	N	2	75	20