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Analytical results and sample locality map of stream-sediment, heavy-mineral-concentrate, and rock samples from the Southern Wah Wah Mountains, Utah

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INTRODUCTION

During the 1983, 1984, and 1985 field seasons the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Southern Wah Wah Mountains, Utah.

The Southern Wah Wah Mountains comprise about 192 mi^2 (499 km^2) in Iron and Beaver Counties, Utah, and lies about 5 mi (8 km) north of Lund, Utah. Access to the study area is provided on the Valley Road which runs north and bisects the southern area of the study area, and Jockey Road in the northern part of the study area, jeep trails and unimproved roads radiating from these two main arteries provide access to the more remote areas of the Southern Wah Wah Mountains.

The topographic relief in the study area is about 2,500 ft (762 m), with a maximum elevation of 7,953 ft (2,424 m). This low mountainous terrane is bordered by large pediment surfaces and broad alluvial basins. The climate is arid to semiarid.

GENERAL GEOLOGY

The southern Wah Wah Mountains lie on the eastern border of the Basin and Range Province, 30-45 mi west of the Colorado Plateau. The area is within the Blue Ribbon lineamant (Rowley and others, 1978), which is over a hundred miles in length and is marked by volcanic centers, mineral deposits, hydrothermally altered rocks and major faults. The area consists primarily of Oligocene and Miocene volcanic rocks that overlie and intrude Paleozoic and Mesozoic sedimentary rocks. The Laramide and Sevier orogenies in the late Mesozoic and early Tertiary terminated the extensive sedimentation and resulted in a series of thrust faults that brought Paleozoic carbonate rocks over Mesozoic clastic strata. Beginning about 33 m.y. ago, explosive volcanic activity resulted in deposition of the thick, calc-alkaline ash-flow tuffs of the Needles Range Group (Best and others, 1983). During the Miocene, magmatism shifted from voluminous eruptions of intermediate composition to a bimodal mafic-rhyolite assemblage. Two distinct pulses of bimodal volcanism occurred: the first at 23 m.y. and the second at 13 m.y. Both episodes were characterized by mafic flows, rhyolitic tuffs and lavas, and shallow intrusive porphyries, and both were accompanied by alteration and mineralization. Eruption of the bimodal rocks was approximately coincident with the onset of extensional tectonism in the Basin and Range Province that resulted in a series of high angle normal faults that trend north to northeast.

METHODS OF STUDY

Sample Media

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. Heavy-mineral-concentrate samples provide information about the chemistry of certain minerals in rock material eroded from the drainage basin upstream from each sample site. The selective concentration of minerals, many of which may be ore-related, permits determination of some elements that are not easily detected in stream-sediment samples.

Analyses of unaltered or unmineralized rock samples provide background geochemical data for individual rock units. On the other hand, analyses of altered or mineralized rocks, where present, may provide useful geochemical information about the major- and trace-element assemblages associated with a mineralizing system.

Sample Collection

Samples were collected at 185 sites. At nearly all of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. Where suitable outcrop was available, rock samples were collected. Sampling density was about 1 sample site per square mile for the stream sediments and heavy-mineral concentrates, and about 1 sample site per .8 mi^2 for the rocks. The area of the drainage basins sampled ranged from 1 mi^2 to 2 mi^2.

Stream-sediment samples

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale = 1:24,000). Each sample was composited from several localities within an area that may extend as much as 200 ft from the site plotted on the map.

Heavy-mineral-concentrate samples

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

Rock samples

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

Sample Preparation

The stream sediment samples were air dried, then sieved using 80 mesh (0.17 mm) stainless steel sieves. Both the plus 80-mesh and minus 80-mesh fractions were saved for analysis.

After air drying, bromoform (specific gravity 2.8) was used to remove the remaining quartz and feldspar from the heavy-mineral-concentrate samples that had been panned in the field. The resultant heavy mineral sample was separated into three fractions using a large electromagnet (in this case a modified Frantz Isodynamic Separator). The most magnetic material, primarily magnetite, was not analyzed. The second fraction, largely ferromagnesian silicates and iron oxides, was saved for analysis/archival storage. The third fraction (the least magnetic material which may include the nonmagnetic ore minerals, zircon, sphene, etc.) was split using a Jones splitter. One split was hand-ground for spectrographic analysis; the other split was saved for mineralogical analysis. These magnetic separates are the same separates that

would be produced by using a Frantz Isodynamic Separator set at a slope of 15, and a tilt of 10, with a current of 0.1 ampere to remove the magnetite and ilmenite, and a current of 1.0 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

Rock samples were crushed and then pulverized to minus 0.15 mm with ceramic plates.

Sample Analysis

Spectrographic method

The stream-sediment, heavy-mineral-concentrate, and rock samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 1. Spectrographic results were obtained by visual comparison of spectra 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 samples from the Southern Wah Wah Mountains are listed in tables 3-6.

Chemical Methods

Other methods of analysis used on the rock samples from the Southern Wah Wah Mountains are summarized in table 2.

Analytical results for rock samples are listed in table 6.

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, 1976).

DESCRIPTION OF DATA TABLES

Tables 3-6 list the analyses for the samples of minus 80-mesh stream sediment, plus 80-mesh stream sedimentar, heavy-mineral concentrate, and rock, respectively. For tables 3-6, 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), except that on the plate the first two numbers of the sample ID have been omitted. On the rock analyses table (Table 2) an additional column has been added ahead of the sample number column. This column gives a general description of the collected sample. As

explained in the table header the description is restricted to four rock types: volcanic, chert or jasperoid, carbonate, or highly altered. Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses; "aa" indicates atomic absorption analyses; SI indicates specific ion; and inst indicates instrumental. 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. If an element was not looked for in a sample, two dashes (--) are entered in tables 3-6 in place of an analytical value. Because of the formatting used in the computer program that produced tables 3-6, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

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

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

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

Table 2.--Commonly used chemical methods

[AA = atomic absorption; SI = specific ion; and F = fluorometry]

Element or constituent determined	Method	Determination limit (micrograms/ gram or ppm)	Reference
Gold (Au)	AA	0.05	Thompson and others, 1968
Arsenic (As)	AA	5 or 10	Modification of Viets, 1978
Fluorine (F)	SI	100	Hopkins, 1977.
Uranium (U)	F	0.05 or 1	Modification of Centanni and others, 1956.

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS

[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
83B2	38 10 55	113 30 24	3.0	1.5	2.0	.50	700	N	N	N	50	1,500
83B18	38 8 12	113 33 25	2.0	3.0	3.0	.20	300	N	N	N	50	300
83B19	38 7 57	113 33 31	2.0	3.0	5.0	.30	700	N	N	N	70	500
83B20	38 8 5	113 33 8	2.0	5.0	10.0	.30	500	N	N	N	70	500
83B21	38 8 7	113 32 56	2.0	3.0	5.0	.20	300	N	N	N	30	300
83B22	38 8 21	113 32 52	2.0	7.0	3.0	.20	200	N	N	N	50	300
83B23	38 8 31	113 32 50	2.0	5.0	10.0	.20	500	N	N	N	30	300
83B26	38 8 50	113 33 6	7.0	1.5	1.0	.70	700	N	N	N	70	1,000
83B27	38 8 48	113 33 23	5.0	2.0	2.0	.30	500	N	N	N	70	700
83B28	38 8 52	113 33 51	3.0	2.0	1.5	.30	500	N	N	N	50	700
83B29	38 7 49	113 33 51	2.0	3.0	3.0	.15	500	N	N	N	50	500
83B30	38 7 49	113 34 50	3.0	2.0	2.0	.50	700	N	N	N	70	1,000
83B31	38 8 22	113 31 29	3.0	1.5	2.0	.50	1,000	N	N	N	50	1,000
83B32	38 8 28	113 34 35	3.0	1.0	1.0	.50	700	N	N	N	50	1,000
83B33	38 12 53	113 31 50	3.0	.7	2.0	.50	700	N	N	N	30	1,000
83B34	38 13 25	113 32 6	2.0	2.0	3.0	.20	700	N	N	N	20	500
83B35	38 13 28	113 32 4	5.0	1.5	2.0	.50	700	N	N	N	20	700
83B36	38 13 27	113 32 0	1.5	3.0	5.0	.10	500	N	N	N	30	500
83B37	38 13 54	113 32 41	1.0	7.0	7.0	.10	500	N	N	N	20	300
83B38	38 14 4	113 33 10	2.0	1.5	1.5	.20	700	.5	N	N	70	500
83B39	38 11 53	113 31 50	3.0	1.0	1.5	.30	1,000	N	N	N	30	1,000
83B40	38 12 1	113 31 50	5.0	1.0	1.0	.30	700	N	N	N	20	500
83B41	38 10 56	113 32 16	3.0	1.0	2.0	.30	700	<.5	N	N	30	1,000
83B44	38 10 48	113 33 45	3.0	.7	.7	.30	700	N	N	N	50	1,000
83B45	38 12 1	113 34 50	2.0	1.0	1.5	.30	700	N	N	N	50	1,000
83B46	38 12 40	113 35 4	2.0	1.5	2.0	.30	700	N	N	N	50	1,000
83B47	38 12 59	113 35 37	1.5	5.0	5.0	.20	700	N	N	N	30	500
83B50	38 7 11	113 38 19	5.0	.7	1.0	.50	1,000	N	N	N	20	700
83B51	38 1 21	113 35 31	2.0	.7	1.0	.20	700	N	N	N	30	500
83B52	38 1 34	113 35 55	5.0	.7	2.0	.50	1,000	N	N	N	30	700
83B53	38 2 7	113 36 40	5.0	1.0	2.0	.50	1,500	N	N	N	30	500
83B54	38 2 38	113 37 10	2.0	1.0	2.0	.30	700	N	N	N	50	500
83B55	38 2 46	113 37 35	2.0	1.0	2.0	.30	700	N	N	N	50	500
83B56	38 3 10	113 38 8	3.0	.7	1.5	.30	500	N	N	N	50	500
83B57	38 3 50	113 38 26	3.0	.7	.7	.30	700	N	N	N	30	500
83B58	38 4 4	113 38 54	3.0	.7	.7	.50	700	N	N	N	50	700
83B59	38 4 19	113 38 40	2.0	.7	.7	.30	700	N	N	N	50	500
83B60	38 5 6	113 38 35	1.0	.5	.5	.15	700	N	N	N	20	300
83B61	38 5 8	113 38 24	5.0	1.0	.7	.50	1,500	N	N	N	50	700
83B62	38 5 1	113 38 24	3.0	.7	1.0	.30	1,000	N	N	N	50	500
83B63	38 6 5	113 38 35	2.0	1.0	1.0	.30	1,000	N	N	N	50	700
83B64	38 5 53	113 38 26	2.0	.7	.5	.20	1,000	N	N	N	50	500
83B65	38 7 0	113 38 45	2.0	.7	.5	.20	700	N	N	N	50	500
83B66	38 7 14	113 35 44	5.0	.7	.5	.50	1,000	N	N	N	50	500
83B67	38 7 1	113 35 42	10.0	1.0	1.5	1.00	1,000	N	N	N	50	500

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B2	1.5	N	N	15	50	15	100	N	20	15	20
83B18	1.0	N	N	7	30	20	<20	N	N	20	20
83B19	1.0	N	N	7	50	15	50	N	N	15	50
83B20	<1.0	N	N	10	50	15	50	N	<20	20	20
83B21	<1.0	N	N	7	20	15	50	N	N	15	30
83B22	1.0	N	N	7	30	15	<20	<5	N	20	30
83B23	<1.0	N	N	10	30	15	<20	N	<20	20	50
83B26	2.0	N	N	20	150	50	70	<5	20	30	50
83B27	1.0	N	N	15	50	30	50	N	<20	30	50
83B28	1.5	N	N	15	50	20	50	<5	<20	20	20
83B29	1.0	N	N	10	20	15	N	N	<20	15	30
83B30	2.0	N	N	15	70	20	70	N	20	30	30
83B31	2.0	N	N	10	100	50	<20	<5	N	30	30
83B32	3.0	N	N	10	50	50	50	N	<20	15	30
83B33	3.0	N	N	10	50	50	30	5	<20	10	50
83B34	3.0	N	N	5	30	15	20	N	N	10	50
83B35	3.0	N	N	20	50	30	30	N	<20	15	50
83B36	2.0	N	N	5	50	10	<20	<5	N	10	50
83B37	1.0	N	N	5	50	10	N	<5	N	15	30
83B38	3.0	N	N	5	70	15	<20	<5	N	30	20
83B39	3.0	N	N	10	50	20	20	N	N	10	30
83B40	2.0	N	N	10	50	20	20	N	N	10	30
83B41	3.0	N	N	5	30	10	20	N	N	10	30
83B44	5.0	N	N	10	50	20	20	N	30	20	30
83B45	5.0	N	N	10	50	20	30	N	<20	10	30
83B46	5.0	N	N	10	50	15	50	N	<20	20	30
83B47	2.0	N	N	5	50	15	N	N	N	20	30
83B50	5.0	N	N	10	100	10	200	N	20	10	30
83B51	5.0	N	N	5	30	10	<20	N	<20	10	30
83B52	5.0	N	N	10	70	20	20	N	70	20	30
83B53	5.0	N	N	5	30	10	<20	N	30	20	50
83B54	7.0	N	N	10	50	15	30	N	<20	15	50
83B55	5.0	N	N	10	30	15	20	N	<20	15	30
83B56	5.0	N	N	10	50	10	<20	N	20	20	30
83B57	5.0	N	N	5	50	10	<20	N	20	15	30
83B58	5.0	N	N	7	50	10	50	N	20	10	30
83B59	7.0	N	N	7	30	10	<20	<5	20	10	30
83B60	7.0	N	N	<5	20	5	<20	N	50	15	30
83B61	7.0	N	N	5	50	15	<20	N	50	20	30
83B62	7.0	N	N	5	50	10	20	N	70	10	30
83B63	7.0	N	N	5	50	20	20	N	20	15	50
83B64	7.0	N	N	<5	50	15	<20	N	30	10	50
83B65	5.0	N	N	<5	20	10	20	N	20	10	30
83B66	5.0	N	N	10	50	10	50	N	<20	20	30
83B67	2.0	N	N	20	70	20	100	N	<20	20	50

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B2	N	10	N	200	70	N	50	N	1,000	N
83B18	N	5	N	150	50	N	50	N	200	N
83B19	N	5	N	200	70	N	20	N	300	N
83B20	N	7	N	200	70	N	30	N	500	N
83B21	N	5	N	200	50	N	20	N	200	N
83B22	N	5	N	150	50	N	15	N	150	N
83B23	N	5	N	200	50	N	15	N	150	N
83B26	N	20	N	200	150	N	50	N	1,000	N
83B27	N	7	N	200	70	N	20	N	500	N
83B28	N	7	N	200	70	N	20	N	200	N
83B29	N	5	N	200	50	N	15	N	150	N
83B30	N	10	N	300	100	N	50	N	700	N
83B31	N	10	N	300	70	N	30	<200	200	N
83B32	N	10	N	500	70	N	20	<200	200	N
83B33	N	7	N	300	100	N	20	<200	300	N
83B34	N	7	N	300	70	N	20	<200	200	N
83B35	N	10	N	300	150	N	30	<200	200	N
83B36	N	5	N	200	50	N	15	<200	100	N
83B37	N	<5	N	100	30	N	10	<200	100	N
83B38	N	5	N	100	70	N	30	<200	300	N
83B39	N	10	N	500	100	N	30	<200	300	N
83B40	N	10	N	200	100	N	20	<200	300	N
83B41	N	10	N	700	100	N	20	<200	300	N
83B44	N	10	N	300	100	N	30	<200	500	N
83B45	N	10	N	300	70	N	20	<200	200	N
83B46	N	10	N	300	100	N	30	<200	700	N
83B47	N	5	N	200	50	N	20	<200	150	N
83B50	N	10	N	500	100	N	50	<200	700	N
83B51	N	5	N	300	50	N	30	<200	200	N
83B52	N	5	N	300	100	N	50	<200	200	N
83B53	N	<5	N	<100	100	N	20	<200	1,000	N
83B54	N	7	N	300	100	N	50	<200	200	N
83B55	N	7	N	500	100	N	20	<200	200	N
83B56	N	7	N	300	100	N	20	<200	500	N
83B57	N	5	N	200	70	N	50	<200	300	N
83B58	N	5	N	300	70	N	30	<200	500	N
83B59	N	5	N	200	50	N	30	<200	300	N
83B60	N	<5	20	100	20	N	20	<200	150	N
83B61	N	5	N	200	50	N	30	<200	500	N
83B62	N	5	20	200	100	N	30	<200	500	N
83B63	N	5	N	300	70	N	30	<200	500	N
83B64	N	<5	N	200	50	N	50	<200	200	N
83B65	N	<5	N	200	50	N	20	<200	200	N
83B66	N	10	20	300	100	N	30	<200	1,000	N
83B67	N	15	N	300	300	N	30	<200	>1,000	N

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B68	38 5 52	113 34 58	2.0	.5	.5	.30	1,500	N	N	N	50	500
83B69	38 5 36	113 34 41	2.0	7.0	10.0	.20	700	N	N	N	20	300
83B70	38 7 10	113 36 55	2.0	.7	.7	.30	1,000	N	N	N	50	500
83B71	38 7 59	113 26 34	7.0	1.0	2.0	.50	1,000	N	N	N	50	500
83B72	38 7 54	113 26 38	10.0	1.0	2.0	.50	1,000	N	N	N	50	500
83B73	38 8 41	113 25 39	5.0	1.0	2.0	.30	500	N	N	N	30	200
83B74	38 12 51	113 28 1	10.0	1.0	1.5	.50	1,000	N	N	N	50	500
83B75	38 11 47	113 28 7	3.0	1.0	2.0	.20	1,000	N	N	N	50	500
83B76	38 11 16	113 26 50	3.0	5.0	5.0	.30	1,000	N	N	N	50	500
83B80	38 0 44	113 34 34	10.0	.7	1.0	.50	1,500	N	N	N	30	500
83B81	38 0 44	113 34 3	5.0	.7	1.0	.50	1,000	N	N	N	50	700
83B82	38 0 25	113 32 41	2.0	.7	1.0	.30	1,500	N	N	N	70	700
83B83	38 2 6	113 32 22	2.0	1.0	10.0	.30	1,000	N	N	N	50	500
83B84	38 2 35	113 32 26	2.0	.7	1.0	.30	1,500	N	N	N	50	700
83B85	38 2 40	113 32 30	5.0	.7	1.5	.50	1,000	N	N	N	30	1,000
83B86	38 2 44	113 32 47	5.0	.7	1.0	.50	1,000	N	N	N	50	1,000
83B87	38 2 46	113 33 13	20.0	.5	1.0	1.00	1,000	N	N	N	30	500
83B88	38 2 44	113 33 23	5.0	.7	2.0	.50	1,000	N	N	N	20	700
83B89	38 3 17	113 33 15	7.0	.7	2.0	.50	1,000	N	N	N	20	700
83B90	38 4 47	113 32 37	5.0	1.0	2.0	.50	1,000	N	N	N	20	700
83B91	38 4 50	113 32 41	7.0	.7	2.0	.50	1,000	N	N	N	30	700
83B92	38 5 24	113 32 52	2.0	1.5	2.0	.30	500	N	N	N	30	700
83B93	38 4 38	113 32 59	7.0	.7	2.0	.50	1,000	N	N	N	20	700
83B94	38 1 51	113 32 14	5.0	.7	1.0	.50	1,000	N	N	N	50	500
83B95	38 1 8	113 30 15	5.0	.7	1.5	.50	1,000	N	N	N	50	700
83B96	38 1 8	113 30 27	5.0	.7	1.5	.50	1,000	N	N	N	50	500
83B97	38 3 31	113 30 57	3.0	.7	1.5	.30	1,000	N	N	N	50	700
83B98	38 3 28	113 31 14	5.0	.7	1.0	.50	1,000	N	N	N	50	700
83B99	38 3 10	113 31 5	2.0	.7	2.0	.30	1,000	N	N	N	50	700
83B100	38 3 29	113 31 11	5.0	.7	1.0	.50	1,000	N	N	N	50	700
83B101	38 2 58	113 31 17	5.0	.7	1.0	.50	1,000	N	N	N	50	700
83B102	38 2 26	113 31 6	3.0	.7	1.0	.30	1,000	N	N	N	50	700
83B103	38 2 4	113 30 55	3.0	.7	2.0	.30	1,000	N	N	N	50	700
83B104	38 1 37	113 35 22	2.0	.5	1.0	.20	1,000	N	N	N	30	300
83B106	38 13 5	113 27 50	2.0	1.5	2.0	.30	1,000	N	N	N	50	500
83B107	38 13 5	113 27 51	5.0	1.0	1.5	.30	1,000	N	N	N	50	700
83B108	38 14 31	113 28 21	5.0	.5	1.0	.50	2,000	N	N	N	50	500
83B109	38 14 29	113 28 16	2.0	.5	.5	.20	1,000	N	N	N	50	200
83B110	38 14 24	113 28 10	2.0	.5	.5	.30	1,000	N	N	N	50	200
83B111	38 12 27	113 28 16	20.0	.5	1.0	>1.00	1,500	N	N	N	50	500
83B112	38 11 10	113 27 20	5.0	7.0	15.0	.30	1,000	N	N	N	10	100
83B113	38 12 8	113 26 57	1.5	10.0	20.0	.15	500	N	N	N	15	200
83B114	38 12 8	113 26 50	1.5	5.0	10.0	.30	700	N	N	N	20	500
83B115	38 11 55	113 26 45	2.0	7.0	10.0	.20	700	N	N	N	10	700
83B116	38 12 9	113 24 49	3.0	1.5	3.0	1.00	1,000	N	N	N	20	1,000

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B68	5.0	N	N	10	30	10	<20	N	50	10	50
83B69	1.0	N	N	<5	30	20	<20	N	<20	10	50
83B70	5.0	N	N	5	50	20	20	N	50	10	70
83B71	5.0	N	N	20	100	30	<20	N	<20	20	20
83B72	5.0	N	N	20	100	30	50	N	<20	20	30
83B73	2.0	N	N	10	100	20	N	N	N	20	<10
83B74	5.0	N	N	15	100	20	20	N	<20	20	10
83B75	5.0	N	N	10	70	20	<20	N	N	30	50
83B76	3.0	N	N	10	50	30	<20	10	N	15	50
83B80	5.0	N	N	20	100	30	20	N	<20	30	30
83B81	5.0	N	N	10	50	20	20	N	N	20	20
83B82	5.0	N	N	10	20	20	<20	N	N	10	30
83B83	5.0	N	N	10	50	30	<20	10	N	20	30
83B84	5.0	N	N	5	30	30	<20	N	N	20	30
83B85	3.0	N	N	10	50	30	<20	N	<20	20	30
83B86	3.0	N	N	10	70	30	<20	N	<20	20	30
83B87	1.0	N	N	50	200	50	<20	N	<20	50	20
83B88	2.0	N	N	10	50	20	<20	N	N	20	30
83B89	2.0	N	N	15	70	20	<20	N	N	20	20
83B90	2.0	N	N	5	10	10	20	N	N	10	50
83B91	2.0	N	N	5	50	10	<20	5	50	20	50
83B92	3.0	N	N	10	20	10	<20	<5	N	20	20
83B93	5.0	N	N	20	50	20	<20	N	N	20	30
83B94	5.0	N	N	15	50	20	<20	N	N	20	20
83B95	5.0	N	N	15	50	30	<20	N	<20	30	20
83B96	5.0	N	N	10	50	20	<20	N	<20	30	20
83B97	5.0	N	N	10	20	20	<20	N	<20	20	20
83B98	5.0	N	N	20	30	20	50	N	<20	30	20
83B99	5.0	N	N	10	20	20	<20	N	N	10	30
83B100	5.0	N	N	20	30	30	<20	N	N	20	30
83B101	5.0	N	N	15	30	30	<20	N	N	20	30
83B102	5.0	N	N	7	20	20	<20	N	N	10	20
83B103	5.0	N	N	5	20	20	20	N	N	10	20
83B104	10.0	N	N	5	20	10	<20	N	<20	10	20
83B106	5.0	N	N	10	20	30	20	N	N	15	30
83B107	10.0	N	N	10	20	20	20	N	<20	20	20
83B108	10.0	N	N	10	30	20	20	N	50	20	30
83B109	10.0	N	N	5	20	10	<20	N	50	15	30
83B110	10.0	N	N	5	20	10	<20	N	100	20	20
83B111	1.0	N	N	100	500	70	20	N	20	100	30
83B112	<1.0	N	N	10	50	10	N	15	N	20	50
83B113	<1.0	N	N	5	30	5	30	N	N	10	15
83B114	1.0	N	N	7	20	7	50	N	N	10	10
83B115	1.0	N	N	10	50	10	50	N	N	20	10
83B116	1.5	N	N	20	100	20	50	N	N	30	20

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B68	N	5	20	300	50	N	30	<200	300	N
83B69	N	<5	N	200	50	N	20	<200	200	N
83B70	N	5	N	300	50	N	50	<200	200	N
83B71	N	10	N	500	200	N	50	<200	300	N
83B72	N	10	N	500	200	N	50	<200	700	N
83B73	N	5	N	100	200	N	10	<200	200	N
83B74	N	10	N	200	200	N	20	<200	500	N
83B75	N	5	N	500	100	N	20	<200	200	N
83B76	N	5	N	300	100	N	20	<200	200	N
83B80	N	10	N	300	300	N	30	<200	300	N
83B81	N	5	N	500	200	N	20	<200	500	N
83B82	N	5	N	500	100	N	20	<200	200	N
83B83	N	5	N	1,000	70	N	20	<200	200	N
83B84	N	5	N	500	70	N	20	<200	200	N
83B85	N	10	N	500	100	N	30	<200	200	N
83B86	N	10	N	500	200	N	20	<200	200	N
83B87	N	20	N	500	500	N	50	1,000	500	N
83B88	N	10	N	700	200	N	20	<200	300	N
83B89	N	20	N	500	200	N	20	<200	200	N
83B90	N	5	N	300	100	N	20	<200	200	N
83B91	N	5	N	200	200	N	20	<200	300	N
83B92	N	5	N	300	100	N	20	<200	300	N
83B93	N	10	N	500	300	N	20	<200	500	N
83B94	N	10	N	300	100	N	50	<200	500	N
83B95	N	10	N	300	100	N	50	<200	500	N
83B96	N	10	N	500	100	N	20	<200	200	N
83B97	N	10	N	700	100	N	20	<200	200	N
83B98	N	15	N	500	100	N	70	<200	200	N
83B99	N	7	N	500	50	N	20	<200	200	N
83B100	N	10	N	500	100	N	20	<200	200	N
83B101	N	10	N	500	100	N	20	<200	300	N
83B102	N	5	N	500	70	N	20	<200	200	N
83B103	N	5	N	500	100	N	50	<200	300	N
83B104	N	<5	N	200	50	N	50	<200	100	N
83B106	N	10	N	200	100	N	30	<200	200	N
83B107	N	10	N	500	100	N	50	<200	200	N
83B108	N	10	100	200	200	N	70	<200	200	N
83B109	N	5	N	100	50	N	20	<200	200	N
83B110	N	5	<10	100	50	N	20	<200	200	N
83B111	N	30	<10	100	1,000	N	70	1,000	700	N
83B112	N	5	N	<100	200	N	10	<200	500	N
83B113	N	7	N	200	50	N	15	N	100	N
83B114	N	5	N	300	70	N	10	N	70	N
83B115	N	10	N	300	70	N	20	N	150	N
83B116	N	15	N	300	200	N	20	N	500	N

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B117	38 12 11	113 24 50	20.0	5.0	5.0	>1.00	3,000	N	N	N	20	2,000
83B118	38 12 21	113 24 44	3.0	7.0	15.0	.50	1,500	N	N	N	50	700
83B119	38 12 47	113 24 28	2.0	7.0	15.0	.50	700	N	N	N	15	500
83B120	38 12 45	113 24 27	15.0	2.0	5.0	>1.00	2,000	N	N	N	20	1,000
83B121	38 12 50	113 24 14	3.0	3.0	7.0	.50	1,000	<.5	N	N	20	1,000
83B122	38 13 11	113 24 17	3.0	1.5	2.0	.50	500	N	N	N	10	200
83B123	38 14 45	113 24 57	20.0	2.0	5.0	>1.00	2,000	N	N	N	10	700
83B124	38 14 40	113 24 50	10.0	3.0	5.0	>1.00	1,500	N	N	N	20	1,000
83B125	38 14 10	113 24 18	10.0	2.0	5.0	>1.00	1,500	.7	N	N	50	1,500
83B126	38 13 10	113 22 37	1.5	2.0	7.0	.20	1,000	N	N	N	50	300
83B127	38 13 20	113 22 50	10.0	2.0	5.0	>1.00	3,000	N	N	N	10	1,000
83B128	38 11 42	113 29 17	5.0	2.0	5.0	1.00	>5,000	N	N	N	15	2,000
83B129	38 10 28	113 26 47	5.0	5.0	10.0	.70	1,500	N	N	N	30	1,000
83B130	38 8 49	113 25 55	20.0	5.0	10.0	>1.00	3,000	<.5	N	N	30	1,500
83B131	38 7 34	113 26 1	5.0	1.5	3.0	1.00	2,000	N	N	N	30	700
83B132	38 9 35	113 27 45	7.0	1.0	2.0	1.00	1,000	N	N	N	50	700
83B133	38 9 22	113 28 48	3.0	1.0	3.0	.50	1,000	N	N	N	50	1,000
83B134	38 9 27	113 28 44	5.0	1.5	5.0	.70	1,000	N	N	N	50	700
83B135	38 10 20	113 29 45	5.0	2.0	3.0	.50	1,000	N	N	N	30	700
83B136	38 10 15	113 29 50	10.0	3.0	5.0	1.00	2,000	N	N	N	50	1,000
83B137	38 7 35	113 35 5	3.0	1.0	1.0	.50	2,000	N	N	N	70	1,000
83B138	38 7 15	113 35 56	5.0	.5	.7	>1.00	1,500	N	N	N	20	700
83B139	38 7 8	113 36 57	10.0	.7	1.5	>1.00	2,000	N	N	N	30	500
83B140	38 7 30	113 37 9	3.0	1.5	3.0	.70	1,500	N	N	N	50	1,500
83B141	38 7 27	113 37 7	7.0	1.0	1.5	>1.00	1,500	N	N	N	30	700
83B142	38 7 11	113 37 46	15.0	1.0	2.0	>1.00	2,000	N	N	N	30	700
83B143	38 7 9	113 37 29	3.0	.5	1.0	1.00	2,000	N	N	N	20	700
83B144	38 6 54	113 35 46	3.0	.7	1.0	.30	1,000	N	N	N	50	500
83B145	38 6 22	113 35 32	5.0	1.0	1.5	.50	1,500	N	N	N	50	700
83B146	38 6 5	113 35 11	3.0	1.0	1.0	1.00	1,500	N	N	N	70	700
83B147	38 6 10	113 34 35	5.0	7.0	15.0	1.00	2,000	N	N	N	50	1,000
83B148	38 5 46	113 34 46	5.0	10.0	15.0	>1.00	1,500	3.0	N	N	30	700
83B149	38 4 56	113 34 40	1.5	.3	.5	.15	1,000	N	N	N	30	200
83B150	38 4 56	113 34 40	3.0	1.0	1.5	.20	1,000	N	N	N	50	300
83B151	38 3 50	113 34 20	1.5	2.0	10.0	.20	1,500	N	N	N	30	200
83B152	38 3 42	113 34 11	7.0	1.5	5.0	1.00	1,000	N	N	N	20	1,500
83B153	38 3 24	113 33 45	1.5	.3	.3	.15	1,000	N	N	N	30	200
83B154	38 2 29	113 37 24	5.0	1.0	2.0	1.00	1,000	N	N	N	30	1,500
83B155	38 0 20	113 39 1	7.0	1.0	2.0	1.00	2,000	N	N	N	30	1,500
83B156	38 0 45	113 39 5	20.0	1.0	1.5	>1.00	2,000	N	N	N	20	1,000
83B157	38 1 10	113 39 7	10.0	1.0	2.0	1.00	1,500	.5	N	N	20	2,000
83B158	38 1 43	113 39 38	>20.0	.7	1.0	>1.00	2,000	N	N	N	50	1,000
83B161	38 1 58	113 41 30	3.0	1.0	1.0	.70	1,000	N	N	N	20	1,000
83B162	38 2 1	113 41 22	5.0	1.0	1.0	.70	1,000	N	N	N	20	1,000
83B163	38 2 19	113 41 5	10.0	1.5	2.0	>1.00	1,500	N	N	N	50	2,000

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B117	2.0	N	N	30	300	70	100	5	N	50	100
83B118	1.5	N	N	15	100	20	50	N	N	20	50
83B119	1.5	N	N	5	70	7	20	N	N	15	10
83B120	1.5	N	N	30	200	50	100	5	N	50	70
83B121	1.5	N	N	15	100	30	50	N	N	15	50
83B122	1.0	N	N	10	50	5	N	N	N	15	<10
83B123	1.5	N	N	30	150	15	100	7	<20	30	100
83B124	1.5	N	N	20	100	20	70	<5	<20	20	70
83B125	1.5	N	N	20	100	20	70	N	20	20	70
83B126	1.0	N	N	5	50	10	N	N	N	10	50
83B127	1.5	N	N	20	150	30	100	N	<20	20	50
83B128	2.0	N	N	30	50	10	50	<5	20	20	70
83B129	2.0	N	N	15	70	10	70	N	N	15	70
83B130	2.0	N	N	30	200	30	100	N	<20	50	100
83B131	2.0	N	N	30	100	20	50	<5	N	30	50
83B132	2.0	N	N	20	100	30	70	N	20	30	50
83B133	3.0	N	N	15	50	15	70	N	N	15	50
83B134	3.0	N	N	15	70	15	100	N	<20	20	70
83B135	2.0	N	N	15	70	15	50	N	N	15	50
83B136	1.5	N	N	30	100	20	100	N	N	20	50
83B137	3.0	N	N	15	50	15	50	N	20	15	70
83B138	2.0	N	N	20	70	10	70	N	N	20	20
83B139	2.0	N	N	20	70	10	200	N	<20	20	30
83B140	2.0	N	N	15	70	15	70	N	<20	20	70
83B141	2.0	N	N	20	100	20	100	N	<20	30	70
83B142	1.5	N	N	30	150	30	100	5	20	50	100
83B143	5.0	N	N	15	70	15	50	N	<20	50	50
83B144	7.0	N	N	15	70	15	50	N	20	20	100
83B145	7.0	N	N	15	100	20	70	N	30	20	100
83B146	10.0	N	N	15	70	20	70	N	30	20	70
83B147	2.0	N	N	20	100	20	70	N	<20	20	50
83B148	1.5	N	N	20	150	20	50	N	<20	30	70
83B149	10.0	N	N	5	15	7	50	N	50	10	50
83B150	7.0	N	N	10	50	10	70	N	50	15	70
83B151	1.5	N	N	5	20	5	N	N	20	7	10
83B152	1.5	N	N	15	70	15	150	N	N	20	20
83B153	10.0	N	N	N	15	10	50	N	30	7	70
83B154	1.5	N	N	15	50	20	70	N	N	20	70
83B155	1.5	N	N	15	70	20	70	N	N	20	50
83B156	1.5	N	N	20	150	30	100	N	20	30	50
83B157	1.5	N	N	15	70	20	70	N	N	20	70
83B158	1.0	N	N	30	150	30	100	N	20	50	70
83B161	1.5	N	N	10	50	15	70	N	<20	20	50
83B162	2.0	N	N	10	50	10	70	N	<20	15	30
83B163	3.0	N	N	20	70	15	70	N	<20	20	50

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B117	N	20	N	500	500	N	50	N	500	N
83B118	N	15	N	300	100	N	30	N	150	N
83B119	N	7	N	200	150	N	15	N	200	N
83B120	N	20	N	500	700	N	50	N	1,000	N
83B121	N	15	N	500	100	N	20	N	100	N
83B122	N	<5	N	N	150	N	10	N	700	N
83B123	N	20	N	300	700	N	50	N	1,000	N
83B124	N	15	N	300	500	N	30	N	700	N
83B125	N	20	N	700	300	N	50	N	500	N
83B126	N	5	N	N	50	N	10	N	500	N
83B127	N	20	N	300	500	N	30	N	1,000	N
83B128	N	10	N	700	100	N	30	N	200	N
83B129	N	15	N	700	70	N	50	N	200	N
83B130	N	20	N	500	300	N	50	N	500	N
83B131	N	10	N	500	200	N	30	N	200	N
83B132	N	10	N	300	200	N	50	N	300	N
83B133	N	7	N	700	100	N	50	N	200	N
83B134	N	10	N	500	150	N	30	N	150	N
83B135	N	10	N	300	150	N	20	N	300	N
83B136	N	20	N	500	200	N	50	N	500	N
83B137	N	7	N	500	100	N	70	N	200	N
83B138	N	10	N	500	200	N	30	N	500	N
83B139	N	7	N	500	150	N	50	N	150	N
83B140	N	10	N	700	100	N	30	N	300	N
83B141	N	10	N	500	200	N	50	N	500	N
83B142	N	15	N	500	300	N	70	N	500	N
83B143	N	7	N	500	150	N	30	N	300	N
83B144	N	7	N	100	100	N	50	N	200	N
83B145	N	10	N	200	100	N	70	N	200	N
83B146	N	10	N	200	100	N	70	N	500	N
83B147	N	15	N	500	150	N	50	N	700	N
83B148	N	15	N	500	200	N	30	N	150	N
83B149	N	<5	N	100	30	N	50	N	200	N
83B150	N	7	50	200	70	N	70	N	150	N
83B151	N	5	N	100	50	N	20	N	300	N
83B152	N	15	N	700	150	N	30	N	200	N
83B153	N	<5	N	N	30	N	50	N	300	N
83B154	N	15	N	500	150	N	30	N	300	N
83B155	N	15	N	700	100	N	30	N	300	N
83B156	N	15	N	500	300	N	50	N	500	N
83B157	N	15	N	700	150	N	20	N	150	N
83B158	N	20	N	200	500	N	50	N	500	N
83B161	N	10	N	300	50	N	30	N	300	N
83B162	N	10	N	300	50	N	30	N	100	N
83B163	N	20	N	300	150	N	30	N	500	N

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83W28	38 12 20	113 30 42	5.0	1.5	1.0	.50	1,500	N	N	N	50	500
83W29	38 12 21	113 30 47	5.0	1.5	1.5	.30	1,500	N	N	N	30	500
83W30	38 12 21	113 30 47	3.0	1.5	.7	.30	700	N	N	N	70	700
83W31	38 11 53	113 26 50	3.0	1.0	.5	.50	500	N	N	N	70	700
83W34	38 11 53	113 26 50	2.0	7.0	10.0	.20	300	N	N	N	50	300
83W38	38 10 40	113 30 53	2.0	3.0	2.0	.30	500	N	N	N	50	500
83W48	38 11 12	113 33 4	5.0	1.5	1.5	.50	700	N	N	N	70	500
85K417	38 16 0	113 26 44	1.5	.3	.5	.15	700	N	N	N	70	150
85K419	38 16 20	113 26 25	1.5	.5	.5	.15	500	N	N	N	50	200
85K420	38 16 5	113 26 17	2.0	.3	.5	.20	700	N	N	N	50	200
85K421	38 16 2	113 26 7	.7	.5	1.0	.07	700	N	N	N	50	100
85K425	38 15 52	113 26 11	1.5	.7	1.0	.30	700	N	N	N	50	300
85K426	38 15 52	113 26 55	1.0	.5	1.0	.05	1,000	N	N	N	30	30
85K429	38 16 20	113 26 0	2.0	.7	.7	.30	700	N	N	N	50	300
85K430	38 15 35	113 27 12	1.5	.5	.5	.15	700	N	N	N	50	200
85K433	38 10 56	113 24 0	1.5	.7	.5	.30	300	N	N	N	70	300
85K434	38 11 5	113 24 30	1.0	7.0	15.0	.15	200	N	N	N	30	150
85K435	38 11 19	113 24 35	5.0	3.0	7.0	.70	1,000	N	N	N	20	500
85K438	38 9 55	113 26 8	10.0	2.0	3.0	1.00	1,000	N	N	N	30	500
85K439	38 10 47	113 26 40	5.0	1.5	5.0	1.00	1,000	N	N	N	50	500
85K454	38 15 20	113 28 10	2.0	.3	.3	.20	1,000	N	N	N	70	200
85K455	38 15 9	113 28 40	3.0	.7	1.0	.50	1,000	N	N	N	50	500
85K456	38 15 5	113 29 5	3.0	1.0	1.0	.70	700	N	N	N	70	500
85K459	38 13 11	113 29 34	10.0	3.0	7.0	.70	1,000	N	N	N	50	700
85K460	38 13 0	113 28 40	7.0	1.0	2.0	.70	1,000	N	N	N	50	500
85K461	38 14 38	113 31 10	1.0	7.0	10.0	.10	300	N	N	N	20	200
85K462	38 14 13	113 29 52	15.0	1.5	5.0	>1.00	1,500	N	N	N	30	1,000
85K463	38 13 41	113 26 38	1.5	10.0	20.0	.10	500	N	N	N	30	200
85K467	38 14 10	113 26 30	10.0	1.0	1.5	1.00	700	N	N	N	50	1,000
85K468	38 13 27	113 28 20	5.0	.7	1.0	1.00	700	N	N	N	70	700
85K517	38 5 18	113 36 12	2.0	.3	.3	.20	700	N	N	N	50	200
85K519	38 6 19	113 35 38	2.0	.5	.5	.20	700	N	N	N	50	300
85K520	38 7 10	113 35 36	15.0	1.5	5.0	1.00	1,000	N	N	N	30	700
85K521	38 3 54	113 34 35	2.0	.5	1.5	.30	1,000	N	N	N	50	300
85K523	38 6 0	113 34 35	3.0	.5	.5	.50	1,000	N	N	N	50	200
85K524	38 4 25	113 37 0	3.0	.7	2.0	.50	700	N	N	N	30	700
85K525	38 4 4	113 38 20	3.0	.5	.5	.30	700	N	N	N	50	200
85W284	38 10 10	113 24 17	.7	2.0	5.0	.15	200	N	N	N	30	300
85W285	38 9 55	113 24 10	2.0	3.0	10.0	.20	500	N	N	N	50	200

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83W28	1.5	N	N	10	20	30	50	N	<20	15	30
83W29	1.0	N	N	15	20	30	50	N	<20	15	50
83W30	1.0	N	N	10	30	30	50	5	<20	15	30
83W31	1.0	N	N	15	20	30	50	10	<20	10	50
83W34	1.0	N	N	10	20	20	<20	5	N	15	50
83W38	1.0	N	N	10	20	15	<20	N	<20	20	50
83W48	1.5	N	N	15	30	30	50	N	20	20	30
85K417	7.0	N	N	10	20	15	20	5	70	10	30
85K419	5.0	N	N	10	20	10	30	<5	50	10	30
85K420	10.0	N	N	10	20	5	30	<5	70	15	20
85K421	10.0	N	N	5	10	<5	70	N	70	5	20
85K425	5.0	N	N	10	30	15	70	<5	20	15	20
85K426	10.0	N	N	7	<10	<5	50	<5	70	10	30
85K429	7.0	N	N	10	20	15	50	N	30	20	30
85K430	7.0	N	N	10	20	10	70	N	30	10	30
85K433	1.5	N	N	10	30	10	20	N	<20	10	15
85K434	1.0	N	N	10	20	10	<20	N	N	10	20
85K435	1.5	N	N	15	100	20	30	<5	N	20	20
85K438	1.5	N	N	20	100	20	70	N	N	20	30
85K439	1.5	N	N	20	70	20	70	N	<20	20	20
85K454	10.0	N	N	7	20	7	20	N	100	10	30
85K455	1.5	N	N	15	50	10	150	N	<20	15	30
85K456	1.5	N	N	15	50	20	70	N	<20	15	30
85K459	2.0	N	N	20	150	20	70	<5	<20	30	50
85K460	3.0	N	N	15	70	15	150	N	20	20	20
85K461	1.5	N	N	5	20	10	<20	N	<20	7	30
85K462	1.5	N	N	20	150	30	150	N	20	30	50
85K463	1.0	N	N	10	30	15	20	N	<20	20	20
85K467	2.0	N	N	15	50	20	150	N	<20	7	50
85K468	3.0	N	N	15	50	20	100	<5	30	15	30
85K517	7.0	N	N	7	20	10	30	N	50	5	30
85K519	5.0	N	N	10	20	15	50	N	50	7	30
85K520	1.5	N	N	20	70	20	200	<5	20	20	30
85K521	10.0	N	N	10	20	7	150	N	50	7	20
85K523	5.0	N	N	10	50	15	70	5	100	10	30
85K524	5.0	N	N	15	30	15	100	N	<20	15	30
85K525	5.0	N	N	10	30	10	70	N	50	15	30
85W284	1.0	N	N	5	15	<5	N	N	<20	<5	10
85W285	1.5	N	N	10	50	20	<20	N	<20	10	20

TABLE 3.--ANALYSES OF MINUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83W28	N	7	N	200	70	N	30	N	700	N
83W29	N	10	N	200	70	N	20	N	500	N
83W30	N	10	N	200	50	N	30	N	500	N
83W31	N	7	N	200	70	N	30	N	700	N
83W34	N	5	N	150	50	N	20	N	200	N
83W38	N	5	N	200	50	N	50	N	200	N
83W48	N	7	N	300	70	N	30	N	1,000	N
85K417	N	<5	20	N	50	N	50	N	200	N
85K419	N	5	N	100	50	N	30	N	200	N
85K420	N	5	15	100	70	N	50	N	300	N
85K421	N	<5	N	100	30	N	150	N	150	N
85K425	N	7	N	150	100	N	50	N	200	N
85K426	N	N	30	N	20	N	50	N	150	100
85K429	N	7	N	200	100	N	30	N	200	N
85K430	N	5	N	100	30	N	30	N	150	N
85K433	N	7	N	100	70	N	15	N	200	N
85K434	N	N	N	100	50	N	15	N	150	N
85K435	N	15	N	300	200	N	20	N	200	N
85K438	N	10	N	300	300	N	20	N	100	N
85K439	N	20	N	500	200	N	30	N	200	N
85K454	N	5	30	100	70	N	20	N	500	N
85K455	N	15	N	200	70	N	50	N	500	N
85K456	N	15	N	200	150	N	30	N	500	N
85K459	N	15	N	300	200	N	50	N	700	N
85K460	N	10	N	200	200	N	50	N	700	N
85K461	N	N	N	N	50	N	<10	N	100	N
85K462	N	15	N	200	700	N	50	<200	1,000	N
85K463	N	N	N	100	70	N	10	N	100	N
85K467	N	10	N	200	200	N	50	N	700	N
85K468	N	10	<10	300	150	N	50	N	500	N
85K517	N	5	30	100	50	N	50	N	500	N
85K519	N	7	N	100	70	N	50	N	500	N
85K520	N	10	N	300	300	N	30	N	700	N
85K521	N	5	N	150	100	N	50	N	500	N
85K523	N	7	20	100	100	N	50	N	700	N
85K524	N	10	N	300	100	N	50	N	200	N
85K525	N	7	10	150	100	N	50	N	200	N
85W284	N	N	N	100	50	N	10	N	300	N
85W285	N	7	N	150	70	N	20	N	200	N

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS

[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
83B31	38 8 22	113 34 29	5.00	1.00	2.00	.30	700	N	N	N	20	1,500
83B32	38 8 28	113 34 35	5.00	.70	1.00	.50	700	N	N	N	20	1,000
83B33	38 12 53	113 31 50	5.00	.70	1.50	.50	700	N	N	N	20	1,500
83B34	38 13 25	113 32 6	2.00	1.50	3.00	.20	1,000	N	N	N	15	300
83B35	38 13 28	113 32 4	10.00	2.00	2.00	1.00	500	N	N	N	15	700
83B36	38 13 27	113 32 0	2.00	5.00	5.00	.20	300	N	N	N	10	300
83B37	38 13 54	113 32 41	.70	10.00	10.00	.07	700	N	N	N	<10	20
83B38	38 14 1	113 33 10	1.50	3.00	5.00	.20	1,000	.5	N	N	50	300
83B39	38 11 53	113 31 50	7.00	.70	2.00	.50	1,000	N	N	N	10	1,000
83B40	38 12 1	113 31 50	5.00	1.00	1.00	.50	1,000	N	N	N	10	500
83B41	38 10 56	113 32 16	5.00	.70	2.00	.50	1,000	N	N	N	15	1,000
83B44	38 10 48	113 33 45	5.00	.50	.70	.50	1,000	N	N	N	50	5,000
83B45	38 12 1	113 34 50	2.00	.70	1.50	.30	1,000	N	N	N	50	1,000
83B46	38 12 40	113 35 4	7.00	2.00	3.00	.70	700	N	N	N	20	500
83B47	38 12 59	113 35 37	.70	7.00	7.00	.10	700	N	N	N	10	200
83B50	38 7 11	113 38 19	5.00	.50	1.50	.70	1,000	N	N	N	20	1,000
83B51	38 1 21	113 35 31	2.00	.50	1.00	.30	1,000	N	N	N	30	1,000
83B52	38 1 34	113 35 55	2.00	.70	1.00	.30	1,000	N	N	N	20	700
83B53	38 2 7	113 36 40	1.00	.30	.50	.10	700	N	N	N	20	200
83B54	38 2 38	113 37 10	2.00	.70	1.00	.20	700	N	N	N	20	700
83B55	38 2 46	113 37 35	2.00	.70	1.50	.20	700	N	N	N	20	700
83B56	38 3 10	113 38 8	2.00	.70	1.00	.20	700	N	N	N	20	1,000
83B57	38 3 50	113 38 26	2.00	.50	.70	.15	1,500	N	N	N	30	500
83B58	38 4 4	113 38 54	1.50	.30	.70	.15	700	N	N	N	20	700
83B59	38 4 19	113 38 40	1.00	.30	.50	.15	500	N	N	N	30	500
83B60	38 5 6	113 38 35	3.00	.20	.50	.30	1,000	N	N	N	20	200
83B61	38 5 8	113 38 24	1.50	.50	.50	.20	1,000	N	N	N	50	300
83B62	38 5 1	113 38 24	2.00	.50	1.00	.20	1,500	N	N	N	30	300
83B63	38 6 5	113 38 35	1.50	.70	1.00	.20	1,000	N	N	N	50	300
83B64	38 5 53	113 38 26	1.50	.30	.50	.15	1,500	N	N	N	50	300
83B65	38 7 0	113 38 45	1.50	.50	.70	.15	1,000	N	N	N	50	500
83B66	38 7 14	113 35 44	5.00	1.00	1.50	.50	1,500	N	N	N	10	1,000
83B68	38 5 52	113 34 58	1.00	.50	1.00	.10	1,000	N	N	N	30	300
83B69	38 5 36	113 34 41	1.00	.30	10.00	.10	700	N	N	N	<10	300
83B70	38 7 10	113 36 55	1.00	10.00	1.50	.07	1,000	N	N	N	30	300
83B71	38 7 59	113 26 34	2.00	.70	1.50	.30	1,000	N	N	N	50	700
83B72	38 7 54	113 26 38	3.00	.50	1.50	.30	500	N	N	N	50	500
83B73	38 8 41	113 25 39	2.00	5.00	10.00	.20	500	N	N	N	50	300
83B74	38 12 51	113 28 1	5.00	.70	1.00	.30	700	N	N	N	50	700
83B75	38 11 47	113 28 7	2.00	.50	1.00	.20	700	N	N	N	50	500
83B76	38 11 16	113 25 50	2.00	1.00	2.00	.20	700	N	N	N	50	1,000
83B80	38 0 44	113 34 34	3.00	.50	.50	.30	500	N	N	N	30	700
83B81	38 0 44	113 34 3	2.00	.30	.70	.30	700	N	N	N	20	1,000
83B82	38 0 25	113 32 41	2.00	.30	.50	.30	700	N	N	N	20	700
83B83	38 2 6	113 32 22	2.00	.50	3.00	.30	500	N	N	N	20	700

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B31	3.0	N	N	20	50	20	20	<5	<20	30	50
83B32	3.0	N	N	20	50	20	20	N	<20	15	30
83B33	3.0	N	N	15	70	20	20	N	<20	30	50
83B34	3.0	N	N	5	20	10	<20	N	N	5	30
83B35	3.0	N	N	20	100	20	50	N	<20	20	50
83B36	2.0	N	N	5	20	7	50	N	N	10	30
83B37	1.0	N	N	<5	20	7	N	<5	N	10	30
83B38	3.0	N	N	5	70	15	N	<5	N	50	30
83B39	3.0	N	N	20	70	10	<20	N	N	30	50
83B40	2.0	N	N	20	50	30	<20	N	N	50	50
83B41	3.0	N	N	15	50	10	20	N	N	15	30
83B44	10.0	N	N	15	50	10	50	<5	20	20	50
83B45	10.0	N	N	10	30	15	20	<5	<20	20	30
83B46	5.0	N	N	15	70	10	50	<5	<20	50	50
83B47	3.0	N	N	<5	20	5	N	N	N	10	50
83B50	3.0	N	N	20	50	7	100	N	30	15	30
83B51	10.0	N	N	10	30	5	<20	<5	50	15	50
83B52	10.0	N	N	10	30	10	<20	N	<20	20	30
83B53	10.0	N	N	<5	20	5	<20	N	30	20	30
83B54	7.0	N	N	10	30	7	20	N	20	10	50
83B55	5.0	N	N	10	20	10	20	N	<20	5	30
83B56	5.0	N	N	10	20	7	20	N	30	10	30
83B57	10.0	N	N	10	20	10	20	<5	70	10	50
83B58	5.0	N	N	5	20	5	<20	N	20	5	30
83B59	10.0	N	N	5	10	5	<20	<5	20	10	50
83B60	10.0	N	N	<5	<10	<5	N	<5	20	5	30
83B61	10.0	N	N	5	30	15	N	N	20	5	50
83B62	10.0	N	N	<5	30	5	N	<5	100	5	50
83B63	15.0	N	N	5	20	10	N	N	50	10	50
83B64	15.0	N	N	<5	10	10	N	N	70	5	50
83B65	10.0	N	N	<5	10	7	300	<5	50	5	30
83B66	2.0	N	N	10	50	5	20	N	<20	10	30
83B68	10.0	N	N	<5	20	5	<20	N	50	10	50
83B69	1.0	N	N	<5	30	5	N	N	N	5	50
83B70	10.0	N	N	<5	10	5	N	<5	<20	5	30
83B71	5.0	N	N	5	20	20	20	N	<20	10	30
83B72	5.0	N	N	10	20	20	20	N	<20	20	20
83B73	2.0	N	N	<5	20	20	N	10	N	10	20
83B74	5.0	N	N	5	20	100	20	N	N	20	30
83B75	5.0	N	N	<5	20	10	<20	N	<20	10	20
83B76	5.0	N	N	10	<10	20	<20	<5	N	10	30
83B80	5.0	N	N	10	20	15	50	N	<20	15	30
83B81	2.0	N	N	5	<10	15	20	N	N	10	20
83B82	5.0	N	N	<5	<10	15	50	N	N	10	20
83B83	2.0	N	N	10	<10	20	50	<5	N	10	30

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B31	N	7	N	700	100	N	20	<200	150	N
83B32	N	7	N	700	150	N	30	<200	150	N
83B33	N	7	N	500	200	N	20	<200	150	N
83B34	N	7	N	500	70	N	20	<200	150	N
83B35	N	15	N	500	300	N	30	<200	200	N
83B36	N	5	N	100	100	N	20	<200	150	N
83B37	N	N	N	N	30	N	<10	<200	50	N
83B38	N	5	N	N	70	N	20	<200	100	N
83B39	N	7	N	700	300	N	20	<200	200	N
83B40	N	15	N	200	100	N	20	<200	150	N
83B41	N	10	N	1,000	200	N	20	<200	150	N
83B44	N	5	N	500	200	N	30	<200	150	N
83B45	N	7	N	500	70	N	30	<200	200	N
83B46	N	10	N	200	200	N	30	<200	200	N
83B47	N	<5	N	100	30	N	20	<200	50	N
83B50	N	5	N	700	200	N	30	<200	200	N
83B51	N	5	N	300	70	N	50	<200	100	N
83B52	N	5	N	500	70	N	30	<200	100	N
83B53	N	<5	N	<100	20	N	20	<200	100	N
83B54	N	<5	N	500	70	N	30	<200	100	N
83B55	N	<5	N	500	100	N	20	<200	100	N
83B56	N	<5	N	500	100	N	30	<200	100	N
83B57	N	<5	<10	300	50	N	30	<200	100	N
83B58	N	<5	N	500	50	N	20	<200	100	N
83B59	N	<5	N	100	30	N	20	<200	100	N
83B60	N	<5	<10	<100	20	N	20	<200	70	N
83B61	N	<5	<10	100	20	N	30	<200	100	N
83B62	N	<5	15	100	20	N	20	<200	100	N
83B63	N	<5	N	200	50	N	30	<200	100	N
83B64	N	<5	10	<100	30	N	30	<200	100	N
83B65	N	<5	<10	200	30	N	30	<200	100	N
83B66	N	5	N	500	300	N	20	<200	100	N
83B68	N	<5	<10	200	30	N	30	<200	100	N
83B69	N	<5	N	<100	50	N	10	<200	200	N
83B70	N	<5	N	200	30	N	20	<200	70	N
83B71	N	5	N	300	100	N	50	<200	300	N
83B72	N	5	N	300	100	N	20	<200	300	N
83B73	N	5	N	300	50	N	10	<200	100	N
83B74	N	10	N	300	150	N	20	<200	300	N
83B75	N	5	N	200	100	N	20	<200	200	N
83B76	N	5	N	500	100	N	20	<200	300	N
83B80	N	7	N	300	100	N	50	<200	300	N
83B81	N	5	N	300	70	N	20	<200	200	N
83B82	N	5	N	200	100	N	20	<200	300	N
83B83	N	7	N	500	100	N	20	<200	200	N

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B84	38 2 35	113 32 26	5.00	.30	1.00	.30	700	N	N	N	20	1,000
83B85	38 2 40	113 32 30	5.00	.50	1.00	.50	1,000	N	N	N	20	1,000
83B86	38 2 44	113 32 47	5.00	.50	1.00	.50	700	N	N	N	15	1,000
83B87	38 2 46	113 33 13	10.00	.50	1.00	.70	1,000	N	N	N	10	1,000
83B88	38 2 44	113 33 23	5.00	.50	1.50	.50	700	N	N	N	15	1,000
83B89	38 3 17	113 33 15	5.00	.50	1.50	.50	700	N	N	N	20	1,000
83B90	38 4 47	113 32 37	3.00	.50	1.50	.30	1,000	N	N	N	10	700
83B91	38 4 50	113 32 41	2.00	.50	2.00	.20	700	N	N	N	10	700
83B92	38 5 24	113 32 52	5.00	.70	2.00	.20	1,000	N	N	N	10	1,000
83B93	38 4 38	113 32 59	5.00	.70	1.50	.30	1,000	N	N	N	10	1,000
83B94	38 1 51	113 32 14	5.00	.50	1.00	.30	1,000	N	N	N	20	1,000
83B95	38 1 8	113 30 15	5.00	.70	1.50	.30	1,000	N	N	N	20	1,000
83B96	38 1 8	113 30 27	5.00	.50	1.00	.30	1,000	N	N	N	20	1,000
83B97	38 3 31	113 30 57	3.00	.50	1.00	.30	1,000	N	N	N	20	1,000
83B98	38 3 28	113 31 14	5.00	.70	.50	.30	1,000	N	N	N	20	1,000
83B99	38 3 10	113 31 5	3.00	.50	1.00	.30	1,000	N	N	N	20	1,000
83B100	38 3 29	113 31 11	7.00	.70	.70	.50	2,000	N	N	N	20	1,000
83B101	38 2 58	113 31 17	5.00	.50	.50	.30	1,000	N	N	N	20	1,000
83B102	38 2 26	113 31 6	3.00	.50	.50	.30	1,000	N	N	N	20	1,000
83B103	38 2 4	113 30 55	2.00	.50	1.00	.30	1,000	N	N	N	50	1,000
83B104	38 1 37	113 35 22	2.00	.50	.70	.20	1,500	N	N	N	50	700
83B106	38 13 5	113 27 50	3.00	1.00	1.50	.30	1,000	N	N	N	50	1,000
83B107	38 13 5	113 27 51	3.00	.50	1.00	.30	700	N	N	N	50	1,000
83B108	38 14 31	113 28 21	3.00	.20	.50	.20	2,000	N	N	N	50	500
83B109	38 14 29	113 28 16	1.00	.15	.10	.05	1,000	N	N	N	50	50
83B110	38 14 24	113 28 10	1.00	.10	.15	.05	1,000	N	N	N	50	50
83B111	38 12 27	113 28 16	20.00	.50	1.00	>1.00	1,500	N	N	N	30	700
83B112	38 11 10	113 27 20	2.00	7.00	20.00	.10	500	N	N	N	10	150
85K417	38 16 0	113 26 44	.15	.20	.15	.10	700	N	N	N	70	100
85K419	38 16 20	113 26 25	.10	.15	.10	.07	500	N	N	N	30	20
85K420	38 16 5	113 26 17	.10	.20	.20	.15	500	N	N	N	30	100
85K421	38 16 2	113 26 7	.10	.50	1.50	.10	700	N	N	N	50	20
85K425	38 15 52	113 26 11	.20	.30	.30	.15	700	N	N	N	30	150
85K426	38 15 52	113 26 55	.10	.30	1.00	.07	1,000	N	N	N	30	20
85K429	38 16 20	113 26 0	.20	.50	.50	.20	1,000	N	N	N	50	200
85K430	38 15 35	113 27 12	.15	.20	.10	.10	1,000	N	N	N	30	70
85K433	38 10 56	113 24 0	.20	.70	.30	.30	300	N	N	N	100	300
85K434	38 11 5	113 24 30	.70	10.00	20.00	.07	200	N	N	N	20	100
85K435	38 11 19	113 24 35	5.00	3.00	7.00	.50	1,000	N	N	N	20	1,000
85K438	38 9 55	113 26 8	5.00	1.00	2.00	.70	700	N	N	N	30	1,000
85K439	38 10 47	113 26 40	5.00	1.00	2.00	.70	700	N	N	N	50	1,000
85K454	38 15 20	113 28 10	1.00	.10	.10	.10	1,000	N	N	N	50	70
85K455	38 15 9	113 28 40	1.50	.30	1.00	.20	1,000	<.5	N	N	30	500
85K456	38 15 5	113 29 5	2.00	.50	.70	.30	1,000	N	N	N	30	500
85K459	38 13 11	113 29 34	5.00	1.00	1.50	.50	500	<.5	N	N	30	1,000

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
83B84	2.0	N	N	15	<10	20	50	N	N	15	30
83B85	2.0	N	N	20	20	30	50	N	N	20	50
83B86	2.0	N	N	15	20	20	50	N	N	15	30
83B87	2.0	N	N	20	50	20	50	N	N	20	30
83B88	2.0	N	N	15	20	20	50	N	N	20	20
83B89	2.0	N	N	15	20	20	50	N	N	15	20
83B90	2.0	N	N	5	<10	7	20	<5	N	15	30
83B91	2.0	N	N	<5	<10	5	<20	5	N	10	20
83B92	2.0	N	N	5	20	20	20	<5	N	10	50
83B93	2.0	N	N	10	50	20	50	N	N	20	50
83B94	2.0	N	N	10	20	20	50	N	N	20	70
83B95	2.0	N	N	10	100	30	50	N	N	20	70
83B96	2.0	N	N	20	50	30	50	N	N	20	70
83B97	2.0	N	N	10	20	30	50	N	N	10	50
83B98	2.0	N	N	20	50	30	50	N	N	20	50
83B99	2.0	N	N	10	20	30	50	N	N	20	70
83B100	2.0	N	N	20	50	30	100	N	N	50	70
83B101	2.0	N	N	10	20	30	50	N	N	20	50
83B102	2.0	N	N	10	10	30	50	N	N	20	50
83B103	2.0	N	N	5	10	30	50	N	N	10	50
83B104	10.0	N	N	5	10	10	20	<5	20	15	70
83B106	3.0	N	N	10	20	30	50	N	N	20	50
83B107	10.0	N	N	10	10	20	100	N	<20	10	50
83B108	10.0	N	N	5	10	10	100	<5	30	10	100
83B109	20.0	N	N	<5	<10	<5	N	<5	100	10	200
83B110	20.0	N	N	<5	<10	<5	N	<5	100	10	100
83B111	3.0	N	N	50	200	100	200	N	<20	70	100
83B112	1.0	N	N	N	20	5	N	20	N	10	20
85K417	7.0	N	N	5	10	<5	30	<5	70	N	30
85K419	10.0	N	N	5	<10	N	20	N	50	N	50
85K420	10.0	N	N	5	10	<5	50	N	100	5	30
85K421	15.0	N	N	5	<10	N	150	<5	70	N	30
85K425	10.0	N	N	10	15	5	50	N	50	5	30
85K426	15.0	N	N	5	<10	N	50	N	100	5	30
85K429	10.0	N	N	10	30	7	50	7	70	7	30
85K430	15.0	N	N	5	10	<5	50	N	100	5	30
85K433	1.5	N	N	10	50	15	50	N	<20	10	10
85K434	1.0	N	N	5	30	5	20	N	N	<5	15
85K435	1.5	N	N	15	50	20	100	<5	N	10	20
85K438	1.5	N	N	15	50	15	100	N	N	10	20
85K439	1.5	N	N	20	50	20	150	N	<20	15	20
85K454	7.0	N	N	5	<10	<5	<20	N	100	5	20
85K455	2.0	N	N	10	10	7	100	N	<20	5	30
85K456	2.0	N	N	10	10	10	70	N	20	7	30
85K459	2.0	N	N	15	50	15	100	N	<20	10	20

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B84	N	7	N	500	200	N	20	<200	200	N
83B85	N	10	N	500	200	N	20	<200	300	N
83B86	N	10	N	500	200	N	30	<200	300	N
83B87	N	7	N	500	300	N	20	<200	300	N
83B88	N	7	N	500	200	N	15	<200	300	N
83B89	N	7	N	500	200	N	15	<200	200	N
83B90	N	5	N	200	100	N	20	<200	200	N
83B91	N	<5	N	200	50	N	15	<200	100	N
83B92	N	5	N	300	150	N	20	<200	100	N
83B93	N	10	N	500	200	N	20	<200	200	N
83B94	N	10	N	500	200	N	30	<200	200	N
83B95	N	10	N	500	200	N	50	<200	200	N
83B96	N	10	N	500	200	N	50	<200	200	N
83B97	N	10	N	500	200	N	20	<200	200	N
83B98	N	10	N	300	200	N	20	<200	200	N
83B99	N	10	N	500	200	N	30	<200	200	N
83B100	N	20	N	500	200	N	30	<200	200	N
83B101	N	10	N	300	200	N	20	<200	200	N
83B102	N	10	N	300	100	N	20	<200	200	N
83B103	N	10	N	300	100	N	20	<200	200	N
83B104	N	<5	N	100	50	N	50	<200	200	N
83B106	N	10	N	200	100	N	20	<200	200	N
83B107	N	10	N	500	100	N	50	<200	200	N
83B108	N	5	N	100	50	N	20	<200	100	N
83B109	N	N	20	N	15	N	50	<200	100	N
83B110	N	N	10	N	15	N	10	<200	100	N
83B111	N	20	N	150	700	N	100	500	500	N
83B112	N	N	N	100	50	N	10	<200	70	N
85K417	N	N	30	N	20	N	50	N	150	N
85K419	N	N	N	N	20	N	20	N	100	N
85K420	N	N	N	N	30	N	30	N	150	N
85K421	N	N	N	N	15	N	100	N	150	N
85K425	N	<5	N	N	30	N	50	N	150	N
85K426	N	N	N	N	15	N	70	N	150	100
85K429	N	7	50	150	50	N	70	N	200	<100
85K430	N	<5	N	N	20	N	50	N	150	N
85K433	N	10	N	100	100	N	20	N	200	N
85K434	N	N	N	100	20	N	10	N	150	N
85K435	N	10	N	500	200	N	20	N	150	N
85K438	N	10	N	300	200	N	20	N	100	N
85K439	N	10	N	300	200	N	20	N	150	N
85K454	N	N	N	N	20	N	15	N	150	N
85K455	N	5	N	200	50	N	20	N	100	N
85K456	N	7	N	200	100	N	30	N	200	N
85K459	N	10	N	300	150	N	30	N	150	N

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
85K460	38 13 0	113 28 40	3.00	.50	.70	.20	1,500	N	N	N	20	500
85K461	38 14 38	113 31 10	2.00	10.00	10.00	.20	500	N	N	N	15	300
85K462	38 14 13	113 29 52	15.00	1.50	2.00	1.00	1,500	N	N	N	15	1,000
85K463	38 13 41	113 26 38	.50	10.00	20.00	.07	500	N	N	N	15	200
85K467	38 14 10	113 26 30	2.00	.70	1.50	.50	700	N	N	N	50	1,000
85K468	38 13 27	113 28 20	2.00	.30	.70	.20	500	N	N	N	30	500
85K517	38 5 18	113 36 12	1.00	.10	.15	.10	700	N	N	N	30	150
85K519	38 6 19	113 35 38	1.00	.10	.20	.07	1,000	N	N	N	50	100
85K520	38 7 10	113 35 36	2.00	.50	2.00	.30	500	<.5	N	N	20	500
85K521	38 3 54	113 34 35	1.50	.30	1.50	.15	1,000	N	N	N	20	200
85K523	38 6 0	113 34 35	.70	.10	.10	.07	700	N	N	N	30	100
85K524	38 4 25	113 37 0	3.00	.30	1.50	.50	500	N	N	N	20	500
84K525	38 4 4	113 38 20	1.00	.15	.20	.15	700	N	N	N	30	150
85W284	38 10 10	113 24 17	1.00	5.00	10.00	.20	200	N	N	N	50	200
85W285	38 9 55	113 24 10	3.00	5.00	10.00	.20	500	N	N	N	20	300

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--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
85K460	3.0	N	N	10	15	10	50	N	<20	7	20
85K461	1.0	N	N	7	15	10	30	N	<20	5	30
85K462	1.5	N	N	20	100	30	100	<5	20	15	50
85K463	1.0	N	N	15	10	5	20	N	N	<5	20
85K467	2.0	N	N	10	20	10	100	N	<20	5	20
85K468	3.0	N	N	10	20	10	70	N	30	5	30
85K517	15.0	N	N	7	10	N	30	N	70	<5	30
85K519	10.0	N	N	7	10	<5	50	N	70	5	30
85K520	2.0	N	N	10	20	10	70	N	<20	7	15
85K521	10.0	N	N	7	10	N	200	N	70	5	50
85K523	10.0	N	N	5	10	N	30	N	50	5	20
85K524	10.0	N	N	10	20	5	70	N	20	7	10
84K525	10.0	N	N	7	15	<5	30	N	50	5	30
85W284	1.5	N	N	7	30	7	20	N	N	5	10
85W285	1.0	N	N	10	20	7	30	N	N	7	10

TABLE 4.--ANALYSES OF PLUS 80-MESH STREAM SEDIMENTS, SOUTHERN WAH WAH MTNS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
85K460	N	7	N	200	100	N	70	N	150	N
85K461	N	7	N	100	50	N	20	N	150	N
85K462	N	15	N	150	200	N	100	N	500	N
85K463	N	N	N	100	20	N	10	N	50	N
85K467	N	7	N	150	100	N	30	N	200	N
85K468	N	5	N	200	70	N	50	N	200	N
85K517	N	N	N	<100	20	N	70	N	200	N
85K519	N	N	<10	N	30	N	70	N	150	N
85K520	N	7	N	300	100	N	20	N	150	N
85K521	N	N	<10	100	30	N	100	N	150	N
85K523	N	N	N	N	30	N	50	N	150	N
85K524	N	5	N	200	70	N	30	N	200	N
84K525	N	N	10	N	20	N	50	N	150	N
85W284	N	<5	N	100	50	N	10	N	150	N
85W285	N	5	N	150	70	N	10	N	100	N

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS

[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
83B18	38 8 12	113 33 25	.50	15.00	20.00	.10	150	N	N	N	20	N
83B19	38 7 57	113 33 31	1.00	10.00	7.00	2.00	200	N	N	N	50	>10,000
83B20	38 8 5	113 33 8	.70	7.00	10.00	.50	150	N	N	N	100	2,000
83B21	38 8 7	113 32 56	.70	15.00	20.00	.50	150	N	N	N	30	100
83B22	38 8 21	113 32 52	5.00	2.00	2.00	1.00	500	5	N	N	50	700
83B23	38 8 31	113 32 50	1.50	10.00	15.00	2.00	300	N	N	N	100	N
83B25	38 9 5	113 32 50	2.00	15.00	15.00	.50	500	N	N	N	20	2,000
83B26	38 8 50	113 33 6	10.00	1.50	5.00	>2.00	2,000	N	N	N	20	500
83B27	38 8 48	113 33 23	2.00	2.00	5.00	>2.00	500	N	N	N	50	500
83B28	38 8 52	113 33 51	1.50	10.00	10.00	.50	300	N	N	N	<20	3,000
83B29	38 7 49	113 33 51	1.00	7.00	7.00	>2.00	300	N	N	N	70	>10,000
83B30	38 7 49	113 34 50	1.50	10.00	10.00	2.00	300	N	N	N	<20	1,000
83B31	38 8 22	113 34 29	1.00	10.00	10.00	>2.00	300	N	N	N	20	1,500
83B32	38 8 28	113 34 35	3.00	.70	5.00	>2.00	1,000	N	N	N	50	1,000
83B33	38 12 53	113 31 50	.70	1.00	7.00	>2.00	300	N	N	N	20	>10,000
83B35	38 13 28	113 32 4	1.00	10.00	15.00	.30	300	N	N	N	<20	>10,000
83B36	38 13 27	113 32 0	.20	20.00	15.00	.07	100	N	N	N	N	7,000
82B37	38 13 54	113 32 41	2.00	.50	7.00	>2.00	700	N	N	N	20	2,000
83B39	38 11 53	113 31 50	.20	15.00	10.00	.07	100	N	N	N	N	200
83B40	38 12 1	113 31 50	7.00	2.00	5.00	>2.00	1,500	N	N	N	50	10,000
83B41	38 10 56	113 32 16	2.00	.20	5.00	>2.00	1,500	N	N	N	50	3,000
83B45	38 12 1	113 34 50	1.50	1.50	10.00	>2.00	700	N	N	N	20	>10,000
83B46	38 12 40	113 35 4	1.50	10.00	10.00	>2.00	500	N	N	N	20	1,500
83B47	38 12 59	113 35 37	.50	15.00	15.00	.20	200	N	N	N	20	500
83B51	38 1 21	113 35 31	.70	.50	1.00	.70	300	N	N	N	100	500
83B52	38 1 34	113 35 55	1.00	.50	2.00	>2.00	300	N	N	N	100	3,000
83B53	38 2 7	113 36 40	1.00	.20	1.00	1.00	700	N	N	N	100	100
83B54	38 2 38	113 37 10	1.00	.10	2.00	>2.00	300	N	N	N	100	300
83B55	38 2 46	113 37 35	1.00	.20	5.00	>2.00	500	N	N	N	20	2,000
83B56	38 3 10	113 38 8	.70	.15	3.00	>2.00	500	N	N	N	20	>10,000
83B57	38 3 50	113 38 26	1.50	.20	3.00	>2.00	700	N	N	N	70	700
83B58	38 4 4	113 38 54	3.00	1.00	5.00	>2.00	1,000	200	N	N	70	150
83B59	38 4 19	113 38 40	3.00	5.00	3.00	2.00	1,500	N	N	N	200	1,500
83B60	38 5 6	113 38 35	.50	.07	.10	.50	200	N	N	N	70	N
83B61	38 5 8	113 38 24	3.00	.50	2.00	>2.00	1,500	N	N	N	100	<50
83B62	38 5 1	113 38 24	2.00	1.00	2.00	2.00	2,000	N	N	N	100	150
83B63	38 6 5	113 38 35	3.00	1.00	5.00	>2.00	2,000	N	N	N	200	1,000
83B64	38 5 53	113 38 26	3.00	1.50	2.00	2.00	3,000	N	N	N	200	<50
83B65	38 7 0	113 38 45	3.00	.70	.70	>2.00	2,000	N	N	N	70	N
83B66	38 7 14	113 35 44	2.00	.70	5.00	>2.00	1,000	N	N	N	20	5,000
83B67	38 7 1	113 35 42	1.50	.70	7.00	>2.00	1,000	N	N	N	20	200
83B68	38 5 52	113 34 58	1.00	.15	.50	2.00	500	N	N	N	150	N
83B69	38 5 36	113 34 41	.70	20.00	20.00	1.00	200	N	N	N	<20	N
83B70	38 7 10	113 36 55	1.50	1.00	1.50	>2.00	1,500	N	N	N	100	<50
83B71	38 7 59	113 26 34	.70	10.00	10.00	>2.00	300	70	N	N	<20	500

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83B18	N	N	N	N	N	N	N	N	N	N	20
83B19	N	N	N	<10	N	N	2,000	N	50	<10	70
83B20	N	N	N	N	N	N	100	N	N	N	<20
83B21	N	N	N	N	N	N	100	N	<50	<10	20
83B22	N	N	N	15	N	100	500	N	50	20	200
83B23	N	N	N	<10	N	20	200	N	50	10	70
83B25	N	N	N	N	N	<10	100	N	N	N	50
83B26	N	N	N	50	150	20	2,000	10	100	30	30
83B27	2	N	N	10	N	<10	1,000	N	<50	20	N
83B28	N	N	N	N	70	N	100	N	N	N	300
83B29	N	N	N	N	N	N	2,000	N	70	<10	20
83B30	N	N	N	N	N	N	300	N	50	<10	<20
83B31	N	N	N	N	N	N	500	N	70	<10	20
83B32	2	N	N	20	50	20	1,000	N	50	15	20
83B33	2	N	N	N	N	N	700	N	<50	<10	N
83B35	N	N	N	N	N	10	300	N	N	N	20
83B36	N	N	N	N	N	N	N	N	N	N	<20
82B37	2	N	N	10	N	10	2,000	<10	100	20	50
83B39	N	N	N	N	N	10	N	N	N	N	50
83B40	2	N	N	20	50	15	700	N	N	30	20
83B41	3	N	N	20	N	20	2,000	N	70	20	300
83B45	2	N	N	10	N	10	1,000	N	N	10	20
83B46	N	N	N	10	N	<10	700	N	N	<10	3,000
83B47	N	N	N	N	N	<10	N	N	N	N	150
83B51	5	N	N	<10	N	N	200	N	50	N	20
83B52	5	N	N	10	N	N	700	N	50	<10	50
83B53	7	N	N	<10	N	N	150	N	100	N	30
83B54	2	N	N	<10	N	N	300	N	100	N	N
83B55	3	N	N	10	N	N	1,000	N	70	N	<20
83B56	2	N	N	10	N	N	1,000	N	70	N	N
83B57	5	N	N	<10	<20	N	500	10	100	N	5,000
83B58	2	N	N	20	<20	30	1,000	<10	150	30	1,500
83B59	3	N	N	<10	20	N	300	N	100	10	70
83B60	3	N	N	<10	N	N	N	N	70	N	N
83B61	3	N	N	<10	<20	15	500	N	100	20	30
83B62	20	N	N	<10	<20	70	500	N	50	15	20
83B63	7	N	N	10	50	30	700	N	100	30	50
83B64	7	N	N	10	N	N	200	N	150	<10	70
83B65	3	N	N	<10	<20	N	200	10	200	<10	<20
83B66	3	N	N	10	20	N	1,500	N	100	10	N
83B67	2	N	N	10	N	N	2,000	<10	100	<10	N
83B68	5	N	N	<10	N	N	200	N	150	N	N
83B69	N	200	N	30	N	N	700	N	N	N	N
83B70	5	N	N	<10	N	50	300	10	200	30	30
83B71	<2	N	N	10	N	N	500	N	70	<10	100

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B18	N	N	N	N	20	N	50	N	2,000	N
83B19	N	N	200	<200	50	N	500	N	>2,000	<200
83B20	N	N	N	N	20	N	100	N	>2,000	N
83B21	N	N	<20	N	30	N	100	N	>2,000	N
83B22	N	N	70	N	100	N	200	N	>2,000	<200
83B23	N	N	50	N	50	N	300	N	>2,000	N
83B25	N	N	50	N	50	N	20	N	>2,000	N
83B26	N	N	1,000	N	200	N	1,000	N	>2,000	N
83B27	N	N	300	N	150	N	1,000	N	>2,000	N
83B28	N	N	N	N	30	N	100	N	>2,000	N
83B29	N	N	150	N	100	N	1,000	N	>2,000	200
83B30	N	N	<20	N	70	N	500	N	>2,000	N
83B31	N	N	<20	N	100	N	500	N	>2,000	N
83B32	N	N	70	N	200	N	1,500	N	>2,000	N
83B33	N	N	N	10,000	70	N	1,500	N	>2,000	N
83B35	N	N	N	1,500	30	N	200	N	>2,000	N
83B36	N	N	N	N	<20	N	50	N	2,000	N
82B37	N	<10	70	N	200	N	1,500	N	>2,000	N
83B39	N	N	N	N	<20	N	20	N	2,000	N
83B40	N	<10	N	<200	200	N	1,000	N	>2,000	N
83B41	N	10	500	N	300	N	2,000	N	>2,000	200
83B45	N	N	2,000	500	100	N	700	N	>2,000	N
83B46	N	N	100	N	70	N	500	N	>2,000	<200
83B47	N	N	<20	N	<20	N	70	N	>2,000	N
83B51	N	N	>2,000	N	30	N	500	N	>2,000	300
83B52	N	N	300	N	70	N	700	N	>2,000	300
83B53	N	N	1,500	N	20	N	300	N	>2,000	200
83B54	N	N	1,000	N	100	N	500	N	>2,000	200
83B55	N	<10	2,000	N	200	N	1,500	N	>2,000	500
83B56	N	<10	500	N	100	N	1,000	N	>2,000	300
83B57	N	N	>2,000	N	70	N	1,000	N	>2,000	200
83B58	N	<10	700	N	150	N	1,000	N	>2,000	N
83B59	N	<10	2,000	N	100	N	500	N	>2,000	N
83B60	N	N	>2,000	N	<20	N	150	N	>2,000	N
83B61	N	<10	500	N	100	N	1,000	N	>2,000	<200
83B62	N	<10	>2,000	N	70	N	1,000	N	>2,000	300
83B63	N	<10	2,000	N	150	N	1,000	N	>2,000	1,000
83B64	N	N	2,000	N	70	N	500	N	>2,000	700
83B65	N	N	300	N	100	N	500	N	>2,000	200
83B66	N	N	700	N	200	N	1,500	N	>2,000	<200
83B67	N	20	700	N	200	N	2,000	N	>2,000	200
83B68	N	N	1,500	N	50	N	300	N	>2,000	<200
83B69	N	N	30	N	20	N	150	N	>2,000	N
83B70	N	N	>2,000	N	50	N	1,000	N	>2,000	300
83B71	N	N	700	N	70	N	700	N	>2,000	N

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83B72	38 7 54	113 26 38	1.00	2.00	7.00	>2.00	1,000	N	N	N	20	1,000
83B73	38 8 41	113 25 39	5.00	10.00	7.00	2.00	1,000	N	N	N	50	500
83B74	38 12 51	113 28 1	1.00	7.00	5.00	>2.00	300	N	N	N	<20	>10,000
81B75	38 11 47	113 28 7	2.00	10.00	7.00	>2.00	500	N	N	N	50	1,000
83B76	38 11 16	113 26 50	2.00	15.00	15.00	.50	500	N	N	N	70	>10,000
83B80	38 0 44	113 34 34	3.00	2.00	3.00	>2.00	700	N	N	N	70	3,000
83B81	38 0 44	113 34 3	1.50	.50	5.00	>2.00	700	N	N	N	50	1,000
83B82	38 0 25	113 32 41	2.00	3.00	5.00	>2.00	700	N	N	N	50	200
83B83	38 2 6	113 32 22	5.00	2.00	5.00	>2.00	1,000	N	N	N	20	300
83B84	38 2 35	113 32 26	7.00	3.00	7.00	>2.00	1,000	N	N	N	70	2,000
83B85	38 2 40	113 32 30	2.00	2.00	10.00	>2.00	700	N	N	N	70	1,000
83B86	38 2 44	113 32 47	1.50	.50	5.00	>2.00	1,000	N	N	N	20	100
83B87	38 2 46	113 33 13	1.00	.20	5.00	>2.00	700	N	N	N	<20	2,000
83B88	38 2 44	113 33 23	5.00	.70	5.00	>2.00	1,500	N	N	N	20	3,000
83B90	38 4 47	113 32 37	3.00	10.00	7.00	>2.00	500	N	N	N	20	10,000
83B91	38 4 50	113 32 41	1.00	2.00	3.00	>2.00	300	N	N	N	20	>10,000
83B92	38 5 24	113 32 52	1.00	10.00	7.00	1.50	150	N	N	N	<20	>10,000
83B93	38 4 38	113 32 59	5.00	1.50	2.00	>2.00	1,000	N	N	N	70	2,000
83B94	38 1 51	113 32 14	1.50	.30	10.00	>2.00	1,000	N	N	N	50	1,000
83B95	38 1 8	113 30 15	2.00	1.00	5.00	>2.00	1,000	N	N	N	20	200
83B96	38 1 8	113 30 27	3.00	.20	1.00	>2.00	500	N	N	N	20	>10,000
83B97	38 3 31	113 30 57	1.00	.20	2.00	>2.00	1,000	N	N	N	50	300
83B98	38 3 28	113 31 14	.70	.10	2.00	>2.00	1,000	N	N	N	20	<50
83B100	38 3 29	113 31 11	.50	.10	2.00	>2.00	1,000	N	N	N	50	1,000
83B101	38 2 58	113 31 17	1.00	1.00	2.00	>2.00	1,000	N	N	N	50	700
83B102	38 2 26	113 31 6	1.00	.10	3.00	>2.00	1,000	N	N	N	50	200
83B103	38 2 4	113 30 55	.50	.20	2.00	>2.00	700	N	N	N	20	1,000
83B104	38 1 37	113 35 22	.20	.05	.20	2.00	200	N	N	N	100	1,500
83B106	38 1 36	113 35 25	.10	2.00	2.00	1.50	200	N	N	N	20	5,000
83B107	38 13 5	113 27 51	.30	.20	2.00	>2.00	700	N	N	N	50	10,000
83B108	38 14 31	113 28 21	.20	.05	.50	2.00	500	N	N	N	50	50
83B109	38 14 29	113 28 16	.20	.10	<.10	1.00	500	N	N	N	100	200
83B111	38 12 27	113 28 16	.20	2.00	1.50	2.00	300	N	N	N	20	50
83B112	38 11 10	113 27 20	<.10	3.00	2.00	2.00	100	N	N	N	20	10,000
83B113	38 12 8	113 26 57	1.00	2.00	1.50	>2.00	700	N	N	N	30	7,000
83B114	38 12 8	113 26 50	.20	5.00	3.00	1.50	500	N	N	N	<20	>10,000
83B115	38 11 55	113 26 45	.20	7.00	3.00	1.00	500	N	N	N	<20	>10,000
83B116	38 12 9	113 24 49	1.00	3.00	3.00	1.00	1,000	N	N	N	20	>10,000
83B117	38 12 11	113 24 50	.10	1.00	2.00	.50	300	N	N	N	<20	>10,000
83B118	38 12 21	113 24 44	.20	3.00	1.50	>2.00	200	N	N	N	20	>10,000
83B119	38 12 47	113 24 28	.10	7.00	3.00	1.00	300	N	N	N	<20	1,500
83B120	38 12 45	113 24 27	.20	3.00	2.00	.50	300	N	N	N	<20	>10,000
83B123	38 14 45	113 24 57	.20	2.00	2.00	1.50	300	N	N	N	50	1,500
83B124	38 14 40	113 24 50	.30	.05	.10	.70	300	N	N	N	200	100
83B125	38 14 10	113 24 18	.30	1.00	2.00	1.00	500	N	N	N	20	1,000

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83B72	5	N	N	<10	50	N	1,000	N	70	20	N
83B73	N	N	N	30	500	<10	200	N	N	100	30
83B74	<2	N	N	<10	N	N	300	N	50	10	100
81B75	N	N	N	<10	70	N	300	10	70	20	20
83B76	N	N	N	N	<20	10	100	N	N	<10	300
83B80	5	N	N	10	N	<10	1,000	N	50	30	50
83B81	5	N	N	10	50	<10	700	N	70	30	100
83B82	<2	N	N	10	50	15	500	N	100	30	50
83B83	3	N	N	50	500	10	1,000	N	100	100	20
83B84	N	N	N	30	50	10	1,000	10	200	20	20
83B85	<2	N	N	20	70	<10	2,000	10	100	15	50
83B86	5	N	N	20	N	<10	2,000	N	70	15	30
83B87	5	N	N	<10	N	10	2,000	10	100	20	20
83B88	5	N	N	30	<20	10	1,000	N	N	30	150
83B90	N	N	N	<10	N	N	>2,000	N	N	<10	30
83B91	2	N	N	<10	N	15	>2,000	<10	N	30	30
83B92	N	N	N	N	N	N	1,000	15	50	10	20
83B93	3	N	N	10	<20	10	>2,000	N	N	30	20
83B94	2	N	N	N	<20	N	>2,000	20	200	N	N
83B95	<2	N	N	N	150	50	2,000	10	100	10	50
83B96	7	N	N	20	N	<10	500	N	N	30	N
83B97	N	N	<50	10	20	N	2,000	20	100	N	150
83B98	N	N	<50	10	20	N	2,000	20	100	N	50
83B100	N	N	<50	10	20	N	2,000	30	100	N	20
83B101	N	N	<50	10	20	N	2,000	30	100	N	50
83B102	N	N	<50	10	20	N	2,000	30	200	N	20
83B103	N	N	<50	10	<20	N	1,500	10	70	N	100
83B104	N	N	N	<10	<20	<10	500	30	50	N	200
83B106	N	N	50	<10	<20	<10	300	N	N	N	100
83B107	N	N	N	<10	<20	N	1,000	30	100	N	200
83B108	N	N	N	<10	<20	N	200	10	100	N	<20
83B109	N	N	N	N	<20	<10	50	<10	200	N	20
83B111	N	N	50	<10	<20	<10	500	N	N	N	<20
83B112	N	N	100	N	<20	<10	200	N	N	N	<20
83B113	N	N	50	<10	100	<10	200	N	50	N	70
83B114	N	N	N	N	<20	<10	500	N	<50	N	50
83B115	N	N	N	N	<20	<10	500	N	N	N	100
83B116	N	N	<50	20	200	10	1,000	N	N	20	20
83B117	N	N	100	N	<20	<10	700	N	N	N	100
83B118	N	N	100	10	20	N	300	N	<50	N	100
83B119	N	N	50	<10	<20	<10	200	N	<50	N	20
83B120	N	N	100	<10	20	<10	300	N	N	N	20
83B123	N	N	200	<10	<20	N	500	<10	<50	N	50
83B124	N	N	50	<10	<20	N	<50	<10	50	N	<20
83B125	N	N	50	N	<20	10	700	N	50	N	100

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B72	N	<10	500	N	150	N	2,000	N	>2,000	N
83B73	N	<10	<20	N	100	N	500	N	>2,000	N
83B74	N	N	1,000	N	70	N	500	N	>2,000	N
81B75	N	N	50	N	100	N	500	N	>2,000	N
83B76	N	N	1,000	1,000	50	N	100	N	>2,000	N
83B80	N	20	1,500	N	150	N	1,000	N	>2,000	200
83B81	N	20	200	N	150	N	1,000	N	>2,000	N
83B82	N	<10	200	N	150	N	700	N	>2,000	N
83B83	N	20	300	N	200	N	1,000	N	>2,000	N
83B84	N	N	50	1,500	200	N	1,000	N	>2,000	N
83B85	N	N	70	500	300	N	1,500	N	>2,000	N
83B86	N	10	100	N	200	N	1,500	N	>2,000	N
83B87	N	20	30	N	300	N	2,000	N	>2,000	<200
83B88	N	20	50	N	200	N	1,500	N	>2,000	<200
83B90	N	<10	30	500	150	N	500	N	>2,000	<200
83B91	N	30	50	2,000	100	N	1,000	N	>2,000	700
83B92	N	N	N	500	50	N	300	N	>2,000	N
83B93	N	50	200	500	100	N	1,000	N	>2,000	300
83B94	N	N	70	N	200	N	2,000	N	>2,000	N
83B95	N	N	500	N	200	N	1,500	N	>2,000	200
83B96	N	20	N	<200	150	N	1,000	N	>2,000	N
83B97	N	50	200	N	300	N	2,000	N	>2,000	N
83B98	N	50	100	N	300	N	2,000	N	>2,000	N
83B100	N	50	200	N	200	N	1,500	N	>2,000	N
83B101	N	50	70	N	200	N	1,500	N	>2,000	N
83B102	N	50	200	N	300	N	1,500	N	>2,000	N
83B103	N	50	150	N	200	N	1,000	N	>2,000	N
83B104	N	50	>2,000	N	70	N	1,000	N	>2,000	1,000
83B106	N	50	500	N	50	N	500	N	>2,000	<200
83B107	N	50	>2,000	N	200	N	2,000	N	>2,000	N
83B108	N	10	2,000	N	50	N	200	N	>2,000	N
83B109	N	20	>2,000	N	30	N	500	N	>2,000	500
83B111	N	50	1,000	N	70	N	1,000	N	>2,000	200
83B112	N	30	150	N	50	N	300	N	>2,000	N
83B113	N	30	150	N	100	N	500	N	>2,000	N
83B114	N	20	150	500	30	N	200	N	>2,000	N
83B115	N	20	150	1,000	30	N	200	N	>2,000	N
83B116	N	50	50	1,000	100	N	1,000	N	>2,000	N
83B117	N	30	100	2,000	50	N	1,000	N	>2,000	<200
83B118	N	50	200	N	50	N	1,000	N	>2,000	<200
83B119	N	10	<20	N	20	N	200	N	>2,000	N
83B120	N	20	200	1,500	50	N	200	N	>2,000	N
83B123	N	20	700	N	100	N	500	N	>2,000	200
83B124	N	10	>2,000	N	20	N	500	N	>2,000	500
83B125	N	20	700	500	50	N	700	N	>2,000	<200

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83B126	38 13 10	113 22 37	.50	.20	.50	>2.00	200	N	N	N	20	3,000
83B127	38 13 20	113 22 50	.10	5.00	2.00	1.00	200	N	N	N	<20	5,000
83B128	38 11 42	113 29 17	.50	1.00	2.00	>2.00	1,000	N	N	N	20	1,000
83B129	38 10 28	113 26 47	.50	5.00	2.00	>2.00	500	N	N	N	20	300
83B130	38 8 49	113 25 55	1.00	5.00	1.50	2.00	300	N	N	N	20	50
83B131	38 7 34	113 26 1	.30	2.00	1.00	>2.00	300	N	N	N	20	200
83B132	38 9 35	113 27 45	.30	.50	1.00	>2.00	500	N	N	N	50	200
83B134	38 9 27	113 28 44	.30	1.00	1.50	>2.00	500	N	N	N	30	200
83B135	38 10 20	113 29 45	.30	3.00	1.50	>2.00	300	N	N	N	30	1,000
83B136	38 10 15	113 29 50	.20	1.00	1.00	2.00	200	N	N	N	20	200
83B137	38 7 35	113 35 5	.50	.20	1.00	>2.00	500	N	N	N	100	200
83B138	38 7 15	113 35 56	.70	.15	2.00	>2.00	1,000	N	N	N	100	200
83B139	38 7 8	113 36 57	.20	1.00	1.00	>2.00	300	N	N	N	50	<50
83B140	38 7 30	113 37 9	5.00	.50	2.00	>2.00	2,000	N	N	N	20	500
83B141	38 7 27	113 37 7	.30	.10	1.50	>2.00	1,000	N	N	N	20	50
83B142	38 7 11	113 37 46	.50	.10	1.50	>2.00	1,000	N	N	N	20	50
83B143	38 7 9	113 37 29	.50	.10	1.50	>2.00	1,000	N	N	N	20	70
83B145	38 6 22	113 35 32	.20	.50	1.00	>2.00	500	N	N	N	100	<50
83B146	38 6 5	113 35 11	.30	.20	2.00	>2.00	500	N	N	N	30	1,500
83B147	38 6 10	113 34 35	.50	3.00	1.50	>2.00	500	N	N	N	<20	<50
83B148	38 5 46	113 34 46	10.00	2.00	.10	2.00	2,000	N	N	N	<20	500
83B149	38 4 56	113 34 40	.30	.05	1.50	.30	300	N	N	N	150	N
83B151	38 3 44	113 34 20	.20	.10	.20	1.00	200	N	N	N	100	100
83B152	38 3 42	113 34 11	.20	.10	1.00	.30	200	N	N	N	100	100
83B153	38 3 24	113 33 45	1.00	.50	1.50	>2.00	500	N	N	N	20	10,000
83B154	38 2 29	113 37 24	1.00	.30	1.50	>2.00	500	N	N	N	50	1,000
83B155	38 0 20	113 39 1	.20	.10	1.00	>2.00	200	N	N	N	20	100
83B156	38 0 45	113 39 5	.20	.50	1.00	>2.00	200	N	N	N	20	1,000
83B157	38 1 10	113 39 7	.50	1.00	1.00	>2.00	150	N	N	N	20	10,000
83B158	38 1 43	113 39 38	.20	.10	1.50	1.00	150	N	N	N	20	2,000
83B161	38 1 58	113 41 30	.50	.05	1.50	>2.00	500	N	N	N	<20	1,000
83B162	38 2 1	113 41 22	.50	.10	1.50	>2.00	500	N	N	N	20	700
83B163	38 2 19	113 41 5	.20	.10	1.00	>2.00	500	N	N	N	<20	10,000
83K97	38 4 13	113 38 1	.20	.05	.10	.70	300	N	N	N	70	<50
83K123	38 5 43	113 39 56	.10	<.05	<.10	.50	200	100	N	N	70	<50
83K136	38 6 34	113 35 54	.15	<.05	.10	1.00	200	N	N	N	70	<50
83K155	38 1 53	113 40 3	.20	.10	2.00	1.50	500	N	N	N	<20	3,000
83K158	38 1 53	113 40 37	.50	.10	.20	1.00	100	N	N	N	<20	>10,000
83K206	38 3 2	113 35 44	.15	.05	.20	.50	300	N	N	N	100	50
83W28	38 12 21	113 30 47	.50	.10	2.00	.70	1,000	N	N	N	<20	3,000
83W29	38 12 21	113 30 47	.20	.10	1.00	.70	150	N	N	N	<20	>10,000
83W32	38 10 40	113 31 30	.30	3.00	2.00	.70	200	N	N	N	<20	10,000
83W34	38 11 53	113 26 50	.50	2.00	2.00	1.00	300	N	N	N	<20	>10,000
83W48	38 11 12	113 33 4	.30	.10	1.50	>2.00	300	N	N	N	50	1,000
83W49	38 10 56	113 33 0	.50	.10	1.50	>2.00	500	N	N	N	50	700

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83B126	N	N	200	<10	20	N	100	N	<50	N	2,000
83B127	N	N	500	N	<20	<10	200	N	N	N	200
83B128	N	N	<50	<10	20	N	1,000	20	150	N	100
83B129	N	N	50	<10	100	N	700	20	100	N	20
83B130	N	N	50	<10	20	N	300	<10	<50	N	20
83B131	N	N	<50	<10	<20	10	700	<10	50	N	50
83B132	N	N	<50	10	<20	N	1,000	20	100	N	20
83B134	N	N	<50	<10	20	N	700	N	50	N	50
83B135	N	N	100	100	<20	N	200	N	50	N	100
83B136	N	N	100	100	<20	N	200	N	<50	N	N
83B137	N	N	N	N	20	N	700	20	100	N	20
83B138	N	N	N	N	<20	N	2,000	10	50	N	100
83B139	N	N	200	200	<20	N	700	N	50	N	100
83B140	N	N	N	20	50	N	2,000	10	100	N	50
83B141	N	N	<50	10	20	<10	2,000	N	100	N	<20
83B142	N	N	N	10	20	N	2,000	N	100	N	<20
83B143	N	N	N	10	20	N	2,000	N	100	N	50
83B145	N	N	<50	10	<20	N	500	N	100	N	20
83B146	N	N	N	<10	<20	N	500	10	100	N	50
83B147	N	N	<50	10	<20	N	700	<10	50	N	<20
83B148	N	N	50	70	200	50	500	10	100	100	150
83B149	2	N	N	<10	<20	N	N	N	100	N	N
83B151	5	N	<50	<10	<20	<10	200	10	150	N	1,000
83B152	20	N	N	<10	<20	<10	50	N	100	N	500
83B153	2	N	<50	10	20	<10	500	<10	50	N	500
83B154	<2	N	200	10	30	<10	500	N	<50	N	200
83B155	<2	N	200	<10	<20	<10	500	N	50	N	300
83B156	5	N	200	<10	<20	<10	200	N	N	N	100
83B157	5	N	200	<10	<20	<10	200	N	N	N	200
83B158	5	N	200	<10	<20	<10	200	N	N	N	100
83B161	N	N	100	10	<20	<10	1,000	N	50	N	100
83B162	N	N	200	10	<20	<10	700	N	<50	N	200
83B163	2	N	200	<10	20	<10	300	N	50	N	50
83K97	5	N	N	N	<20	<10	<50	20	70	N	100
83K123	5	N	N	N	N	10	<50	N	50	N	N
83K136	5	N	N	<10	<20	N	100	<10	100	N	70
83K155	5	N	200	<10	<20	<10	500	70	N	N	300
83K158	5	N	100	<10	<20	1,500	50	N	N	N	300
83K206	20	N	N	<10	<20	<10	50	10	100	N	20
83W28	2	N	100	20	<20	10	500	N	<50	N	300
83W29	5	N	200	<10	<20	<10	200	N	N	N	50
83W32	N	N	<50	<10	20	<10	50	N	<50	N	150
83W34	N	N	<50	<10	50	10	100	N	<50	N	300
83W48	5	N	<50	<10	<20	N	700	N	50	20	70
83W49	5	N	N	<10	<20	N	700	<10	70	N	200

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83B126	N	50	50	N	100	N	1,500	N	>2,000	<200
83B127	N	50	500	N	30	N	700	N	>2,000	<200
83B128	N	50	200	N	200	N	2,000	N	>2,000	<200
83B129	N	30	200	N	200	N	1,000	N	>2,000	N
83B130	N	30	1,000	N	150	N	1,000	N	>2,000	500
83B131	N	30	200	N	150	N	1,500	N	>2,000	300
83B132	N	30	2,000	N	150	N	1,500	N	>2,000	300
83B134	N	30	300	N	100	N	1,000	N	>2,000	200
83B135	N	30	20	N	50	N	500	N	>2,000	N
83B136	N	30	700	N	50	N	1,000	N	>2,000	200
83B137	N	20	700	N	100	N	1,000	N	>2,000	300
83B138	N	50	200	N	200	N	2,000	N	>2,000	200
83B139	N	50	1,500	N	100	N	2,000	N	>2,000	1,000
83B140	N	50	100	N	500	N	2,000	N	>2,000	500
83B141	N	50	500	N	200	N	2,000	N	>2,000	500
83B142	N	50	700	N	200	N	2,000	N	>2,000	300
83B143	N	50	200	N	200	N	2,000	N	>2,000	<200
83B145	N	30	>2,000	N	70	N	1,500	N	>2,000	5,000
83B146	N	20	70	N	70	N	1,000	N	>2,000	N
83B147	N	30	2,000	N	100	N	1,000	N	>2,000	200
83B148	N	30	500	N	500	N	500	N	>2,000	N
83B149	N	10	1,000	N	20	N	700	N	>2,000	N
83B151	N	20	>2,000	N	50	N	700	N	>2,000	2,000
83B152	N	50	>2,000	N	50	N	1,500	N	>2,000	2,000
83B153	N	50	1,000	N	100	N	1,500	N	>2,000	700
83B154	N	50	100	N	100	N	1,000	N	>2,000	200
83B155	N	50	200	N	100	N	1,000	N	>2,000	500
83B156	N	50	200	N	50	N	1,000	N	>2,000	200
83B157	N	50	100	N	70	N	1,000	N	>2,000	200
83B158	N	50	70	N	50	N	1,000	N	>2,000	200
83B161	N	50	70	N	200	N	2,000	N	>2,000	500
83B162	N	70	<20	N	200	N	1,500	N	>2,000	<200
83B163	N	30	500	N	100	N	700	N	>2,000	N
83K97	N	<10	>2,000	N	<20	N	100	N	>2,000	N
83K123	N	<10	700	N	<20	N	100	N	>2,000	700
83K136	N	20	1,000	N	30	N	500	N	>2,000	<200
83K155	N	50	50	N	50	N	1,000	N	>2,000	N
83K158	N	20	<20	2,000	50	N	300	N	>2,000	N
83K206	N	<10	>2,000	N	20	N	500	N	>2,000	500
83W28	N	20	20	500	30	N	200	N	>2,000	N
83W29	N	20	N	3,000	20	N	300	N	>2,000	N
83W32	N	30	N	500	50	N	150	N	>2,000	N
83W34	N	10	150	2,000	50	N	200	<500	>2,000	N
83W48	N	50	200	N	100	N	1,000	500	>2,000	N
83W49	N	50	50	N	100	N	1,000	N	>2,000	N

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83W55	38 14 45	113 34 57	<.10	7.00	5.00	.20	200	N	N	N	N	700
83W64	38 13 39	113 27 51	.10	7.00	5.00	.30	500	N	N	N	<20	2,000
83W67	38 13 55	113 27 45	<.10	7.00	2.00	.30	150	N	N	N	<20	300
83W71	38 14 37	113 28 16	.30	7.00	3.00	.50	150	N	N	N	N	100
83W76	38 14 23	113 34 34	7.00	1.50	2.00	.70	100	N	N	N	<20	150
83W78	38 14 23	113 34 34	.10	7.00	3.00	.20	100	N	N	N	N	<50
83W81	38 14 50	113 34 37	.20	7.00	5.00	.10	200	N	N	N	N	<50
83W89	38 14 21	113 31 15	.30	2.00	1.50	.50	150	N	N	N	N	100
83W92	38 14 25	113 31 21	.20	5.00	2.00	.30	100	N	N	N	<20	1,000
83W94	38 14 29	113 30 42	.30	.50	.70	>2.00	100	N	N	N	50	>10,000
83W96	38 14 50	113 25 20	1.00	.50	1.50	.50	300	N	N	N	50	>10,000
83W99	38 14 19	113 25 55	1.00	.50	1.00	2.00	300	N	N	N	20	10,000
83W105	38 14 23	113 30 23	.70	.20	.70	1.00	200	N	N	N	20	1,000
85K417	38 16 0	113 26 44	.50	.50	.50	.05	500	N	N	N	70	100
85K419	38 16 20	113 26 25	.30	<.05	<.10	.10	500	N	N	N	70	<50
85K420	38 16 5	113 26 17	.30	<.05	.20	.05	300	N	N	N	70	<50
85K421	38 16 2	113 26 7	.50	.10	2.00	.15	700	N	N	N	100	300
85K425	38 15 52	113 26 11	.50	.10	.15	.15	700	N	N	N	70	50
85K429	38 16 20	113 26 0	.50	.30	1.50	.70	700	N	N	N	100	<50
85K430	38 15 35	113 27 12	.30	.05	.10	.15	300	N	N	N	50	N
85K433	38 10 56	113 24 0	.70	.30	.70	>2.00	300	N	N	N	70	300
85K434	38 11 5	113 24 30	.30	15.00	20.00	.02	100	N	N	N	50	100
85K435	38 11 19	113 24 35	.30	5.00	20.00	.10	500	N	N	N	50	>10,000
85K438	38 11 19	113 24 35	.30	5.00	10.00	.20	150	N	N	N	30	1,000
85K439	38 11 19	113 24 35	.50	7.00	15.00	.20	150	N	N	N	30	3,000
85K454	38 15 20	113 28 10	.30	.05	<.10	.15	500	N	N	N	100	<50
85K455	38 15 9	113 28 40	.30	.07	2.00	>2.00	500	N	N	N	50	300
85K456	38 15 5	113 29 5	.50	.20	1.00	2.00	100	N	N	N	50	1,500
85K459	38 13 11	113 29 34	.30	10.00	20.00	.30	200	N	N	N	20	>10,000
85K460	38 13 0	113 28 40	.30	.70	3.00	>2.00	300	N	N	N	50	700
85K461	38 14 38	113 31 10	.20	15.00	20.00	.15	100	N	N	N	30	>10,000
85K462	38 14 13	113 29 52	.70	7.00	10.00	.30	150	N	N	N	20	>10,000
85K463	38 13 41	113 26 38	.10	20.00	20.00	.07	100	N	N	N	50	1,000
85K467	38 14 10	113 26 30	.20	.70	20.00	.50	200	N	N	N	50	>10,000
85K468	38 13 27	113 28 20	.20	<.05	.50	.50	100	N	N	N	70	500
85K517	38 5 18	113 36 12	.50	.07	<.10	.10	300	N	N	N	300	1,000
85K519	38 6 19	113 35 38	.50	.07	<.10	.15	200	N	N	N	300	100
85K520	38 7 10	113 35 36	.30	5.00	7.00	2.00	200	N	N	N	20	500
85K521	38 3 54	113 34 35	.50	.10	2.00	.50	200	N	N	N	100	50
85K523	38 6 0	113 34 35	.15	<.05	.10	.15	100	N	N	N	200	<50
85K524	38 4 25	113 37 0	1.00	.15	5.00	2.00	300	N	N	N	50	2,000
85K525	38 4 4	113 38 20	.50	.05	.20	.20	200	N	N	N	100	70
85W265	38 10 12	113 24 15	.30	<.05	.50	.20	200	N	N	N	30	100
85W266	38 10 12	113 24 15	.70	.15	.20	.20	500	N	N	N	50	50
85W283	38 10 12	113 24 15	2.00	.70	.15	>2.00	200	N	N	N	300	700

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
83W55	N	N	N	<10	<20	<10	N	20	N	N	20
83W64	N	N	N	<10	<20	<10	50	N	N	N	500
83W67	N	N	N	<10	<20	<10	<50	N	N	N	200
83W71	N	N	N	<10	<20	10	50	N	<50	N	200
83W76	7	N	N	50	<20	150	150	N	<50	20	300
83W78	N	N	N	<10	<20	<10	<50	N	N	N	<20
83W81	N	N	N	<10	<20	<10	N	N	N	N	<20
83W89	N	N	N	<10	30	<10	N	N	N	N	<20
83W92	N	N	N	<10	20	<10	50	N	N	N	200
83W94	2	N	<50	<10	20	N	100	N	<50	N	70
83W96	<2	N	N	10	30	10	50	N	<50	N	100
83W99	2	N	200	10	50	10	200	<10	<50	N	200
83W105	2	N	200	10	50	50	200	<10	<50	N	200
85K417	5	N	N	N	<20	N	<50	N	100	N	N
85K419	5	N	N	N	<20	N	<50	N	70	N	N
85K420	10	N	N	N	<20	N	<50	N	100	N	<20
85K421	15	N	N	N	<20	N	<50	N	100	N	20
85K425	7	N	N	N	<20	N	<50	N	150	10	20
85K429	5	N	N	N	20	N	150	N	100	N	<20
85K430	20	N	N	N	<20	N	N	N	100	N	N
85K433	2	N	N	N	30	<10	200	N	100	N	50
85K434	<2	N	N	N	<20	N	N	N	N	N	<20
85K435	1,000	N	N	N	<20	N	300	N	100	N	70
85K438	5	N	N	N	<20	N	50	N	N	N	<20
85K439	2	N	N	N	<20	N	50	N	N	N	N
85K454	5	N	N	N	<20	<10	<50	N	100	N	N
85K455	5	N	N	N	<20	N	300	N	<50	N	N
85K456	2	N	N	N	20	700	50	N	<50	N	N
85K459	<2	N	N	N	20	N	50	N	N	N	N
85K460	2	N	N	N	<20	N	500	N	50	N	N
85K461	<2	N	N	N	<20	<10	N	N	N	N	N
85K462	<2	N	N	N	20	N	50	N	N	N	N
85K463	<2	N	N	N	<20	N	70	N	N	N	N
85K467	2	N	N	N	<20	N	100	N	N	N	N
85K468	5	N	N	N	<20	N	70	N	70	N	N
85K517	7	N	N	N	<20	N	N	N	70	N	N
85K519	7	N	N	N	<20	N	N	N	70	N	N
85K520	<2	N	N	N	<20	N	200	N	50	N	N
85K521	5	N	N	N	<20	N	70	N	50	N	N
85K523	5	N	N	N	<20	N	N	N	70	N	N
85K524	5	N	N	N	<20	N	300	N	50	N	<20
85K525	3	N	N	N	<20	N	N	N	70	N	N
85W265	10	N	N	N	<20	N	50	N	50	N	50
85W266	7	N	N	N	<20	N	N	N	150	N	200
85W283	2	N	N	10	70	10	<50	N	50	20	20

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
83W55	N	N	N	N	<20	N	50	N	>2,000	N
83W64	N	<10	N	<200	20	N	100	N	>2,000	N
83W67	N	<10	<20	N	20	N	100	N	>2,000	N
83W71	N	<10	N	N	20	N	200	N	>2,000	N
83W76	N	<10	50	N	30	N	1,000	N	>2,000	500
83W78	N	N	N	N	<20	N	150	N	>2,000	N
83W81	N	N	<20	N	50	N	50	N	>2,000	N
83W89	N	20	50	<200	200	N	100	N	>2,000	N
83W92	N	10	20	N	30	N	100	N	>2,000	N
83W94	N	50	20	500	50	N	300	N	>2,000	<200
83W96	N	20	50	1,000	50	N	200	N	>2,000	N
83W99	N	50	<20	200	100	N	500	N	>2,000	<200
83W105	N	50	<20	500	100	N	500	N	>2,000	N
85K417	N	N	1,000	N	20	N	150	N	>2,000	200
85K419	N	N	200	N	20	N	150	N	>2,000	<200
85K420	N	N	200	N	20	N	70	N	>2,000	<200
85K421	N	N	N	N	20	N	700	N	>2,000	500
85K425	N	<10	N	N	20	N	500	N	>2,000	300
85K429	N	N	>2,000	N	50	N	200	N	>2,000	200
85K430	N	N	1,000	N	20	N	150	N	>2,000	<200
85K433	N	50	N	N	150	N	200	N	>2,000	N
85K434	N	N	N	N	<20	N	<20	N	2,000	<200
85K435	N	15	N	700	50	N	500	N	>2,000	500
85K438	N	10	20	500	30	N	100	N	>2,000	<200
85K439	N	20	N	500	30	N	150	N	>2,000	<200
85K454	N	N	500	N	<20	N	100	N	>2,000	200
85K455	N	50	200	200	70	N	700	N	>2,000	<200
85K456	N	100	300	200	100	N	500	N	>2,000	<200
85K459	N	N	N	300	50	N	100	N	>2,000	N
85K460	N	70	70	200	100	N	700	N	>2,000	500
85K461	N	N	50	200	30	N	<20	N	>2,000	N
85K462	N	10	N	2,000	50	N	200	N	>2,000	N
85K463	N	N	N	N	20	N	<20	N	2,000	N
85K467	N	15	N	2,000	20	N	150	N	>2,000	N
85K468	N	N	N	N	30	N	100	N	>2,000	N
85K517	N	N	300	N	30	N	70	N	>2,000	300
85K519	N	N	1,500	N	20	N	70	N	>2,000	<200
85K520	N	N	50	500	100	N	200	N	>2,000	N
85K521	N	<10	2,000	N	20	N	200	N	>2,000	500
85K523	N	10	500	N	20	N	70	N	>2,000	N
85K524	N	15	300	500	70	N	300	N	>2,000	N
85K525	N	N	>2,000	N	20	N	70	N	>2,000	N
85W265	N	10	100	N	20	N	700	N	>2,000	300
85W266	N	10	70	N	20	N	700	N	>2,000	700
85W283	N	20	N	200	150	N	100	N	>2,000	N

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
85W284	38 10 10	113 24 17	.20	10.00	20.00	1.00	70	N	N	N	30	5,000
85W285	38 9 55	113 24 10	1.00	15.00	20.00	.50	100	N	N	N	30	7,000
85W306	38 10 20	113 25 0	.50	.15	5.00	.20	500	N	N	N	50	100
85W307	38 10 20	113 25 0	.30	.20	30.00	.30	500	N	N	N	30	70
85W308	38 10 20	113 25 0	.15	.05	.30	.07	70	N	N	N	70	200

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--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
85W284	<2	N	N	N	<20	N	N	N	N	N	30
85W285	<2	N	N	N	20	50	N	N	N	N	200
85W306	10	N	N	N	<20	N	50	N	70	N	50
85W307	10	N	N	N	<20	N	70	N	150	N	30
85W308	5	N	N	N	<20	N	N	N	70	N	30

TABLE 5.--ANALYSES OF HEAVY-MINERAL-CONCENTRATES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
85W284	N	15	N	200	30	N	150	N	>2,000	N
85W285	N	10	N	300	100	N	100	N	>2,000	N
85W306	N	10	100	N	50	N	500	N	>2,000	500
85W307	N	N	>2,000	N	50	N	1,000	N	>2,000	1,000
85W308	N	N	150	N	20	N	100	N	>2,000	<200

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS

[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	Be-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED													
* 83K16	38 8 7	113 33 23	.50	.05	.07	.100	10	<.5	N	N	10	300	<1.0
A 83K17	38 3 56	113 38 26	1.00	.10	.10	.100	70	N	N	N	20	N	10.0
A 83K18	38 3 56	113 38 26	.50	.10	.10	.100	70	N	N	N	20	N	10.0
A 83K19	38 3 56	113 38 26	5.00	.05	.05	.100	100	N	N	N	30	<20	10.0
A 83K20	38 3 56	113 38 26	7.00	.07	.05	.100	100	N	N	N	30	<20	10.0
A 83K21	38 3 56	113 38 26	1.00	.10	.50	.100	100	N	N	N	50	N	7.0
A 83K22	38 3 56	113 38 26	.20	.10	.50	.100	70	N	N	N	50	N	5.0
A 83K25	38 3 56	113 38 26	1.00	.15	.50	.100	100	N	N	N	70	<20	5.0
* 83K34	38 3 58	113 38 36	1.50	.30	.50	.070	1,000	N	N	N	50	100	20.0
* 83K36	38 3 51	113 38 41	1.00	.30	.50	.070	200	N	N	N	70	N	7.0
A 83K37	38 3 51	113 38 41	3.00	.10	.10	.070	300	N	N	N	50	<20	10.0
A 83K38	38 3 51	113 38 41	1.00	.10	.05	.150	100	N	N	N	50	<20	20.0
A 83K39	38 3 51	113 38 41	.30	.30	.70	.100	100	<.5	N	N	100	50	15.0
A 83K40	38 3 51	113 38 41	.20	.10	.50	.100	100	N	N	N	20	<20	5.0
* 83K56	38 3 11	113 39 17	.05	.10	.05	.500	10	N	N	N	20	500	1.5
A 83K58	38 3 5	113 39 17	1.50	.10	.30	.300	70	<.5	N	N	10	700	N
* 83K62	38 2 55	113 39 30	5.00	.07	.20	.300	200	<.5	N	N	<10	1,000	1.0
* 83K67	38 2 41	113 39 47	1.50	.15	.70	.300	50	N	N	N	10	700	3.0
* 83K80	38 2 40	113 39 58	1.50	.15	.20	.200	500	N	N	N	15	1,000	3.0
* 83K81	38 2 40	113 39 58	.20	.30	.70	.150	70	N	N	N	10	500	N
* 83K82	38 2 40	113 39 58	2.00	.10	.05	.300	50	.5	N	N	15	1,000	N
A 83K106	38 5 21	113 36 8	1.00	.05	.10	.050	700	N	N	N	20	N	100.0
* 83K108	38 4 27	113 37 25	1.00	.07	.20	.050	1,000	N	N	N	20	20	20.0
A 83K115	38 4 52	113 37 45	1.00	.10	.15	.070	200	N	N	N	20	50	20.0
A 83K116	38 4 52	113 37 45	2.00	.07	.20	.020	>5,000	N	N	N	30	50	50.0
A 83K117	38 4 52	113 37 45	1.00	.02	.20	.020	>5,000	N	N	N	10	<20	100.0
* 83K118	38 4 59	113 37 50	2.00	.50	.50	.050	700	N	N	N	50	50	20.0
* 83K119	38 4 59	113 37 54	2.00	.20	.10	.100	500	N	N	N	50	30	20.0
+ 83K122	38 4 57	113 37 54	.10	.02	.10	.700	200	N	N	N	20	500	20.0
* 83K132	38 6 44	113 34 31	2.00	.10	.05	.100	1,000	N	N	N	50	<20	20.0
* 83K133	38 6 47	113 34 31	2.00	.20	.10	.100	1,000	N	N	N	50	20	20.0
* 83K141	38 3 18	113 37 57	5.00	1.00	1.00	.500	1,000	N	N	N	20	1,000	2.0
* 83K150	38 1 46	113 39 57	7.00	.50	20.00	.100	>5,000	N	N	N	20	500	1.0
A 83K151	38 1 46	113 39 57	5.00	.70	20.00	.100	2,000	N	N	N	20	100	2.0
A 83K152	38 1 44	113 39 56	.70	.20	15.00	.050	500	N	N	N	20	100	2.0
* 83K153	38 1 45	113 40 5	1.00	.10	1.00	.050	3,000	1.0	N	N	50	500	5.0
A 83K154	38 1 44	113 40 10	5.00	.50	.50	.500	2,000	N	N	N	50	1,000	5.0
* 83K156	38 1 54	113 40 35	1.00	.20	.10	.100	300	.5	N	N	50	100	5.0
A 83K157	38 1 55	113 40 33	.50	.20	<.05	.200	50	N	N	N	50	50	2.0
* 83K159	38 1 53	113 40 36	20.00	.50	.20	.300	100	N	N	N	100	1,000	5.0

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 83K16	N	N	N	<10	<5	<20	N	N	10	20	N	<5	N
A 83K17	N	N	N	<10	<5	N	N	100	5	100	N	N	50
A 83K18	N	N	N	<10	<5	N	N	70	5	50	N	N	<10
A 83K19	N	N	N	<10	5	N	N	100	5	200	N	N	30
A 83K20	N	N	N	<10	5	N	10	100	5	300	N	<5	<10
A 83K21	N	N	N	<10	<5	N	N	100	5	150	N	<5	20
A 83K22	N	N	N	<10	<5	N	N	100	<5	200	N	N	15
A 83K25	N	N	N	<10	5	N	N	100	5	100	N	N	10
* 83K34	N	N	N	<10	7	50	<5	70	5	70	N	N	15
* 83K36	N	N	N	<10	<5	<20	5	70	<5	70	N	N	N
A 83K37	N	N	N	10	15	70	10	100	<5	100	N	N	10
A 83K38	N	N	N	10	N	N	50	200	N	70	N	N	N
A 83K39	N	N	N	<10	<5	N	10	70	N	50	N	N	N
A 83K40	N	N	N	<10	<5	N	10	100	N	100	N	N	N
* 83K55	N	N	N	10	10	70	N	<20	<5	20	N	<5	N
A 83K58	N	N	N	15	15	100	10	N	<5	30	N	10	N
* 83K62	N	N	<5	20	7	50	N	N	<5	30	N	5	N
* 83K67	N	N	N	10	5	70	<5	<20	<5	30	N	5	N
* 83K80	N	N	<5	20	10	70	7	<20	<5	50	N	7	N
* 83K81	N	N	N	<10	5	50	N	N	<5	30	N	N	N
* 83K82	N	N	N	10	5	70	<5	20	<5	20	N	5	N
A 83K106	N	N	N	N	N	<20	5	50	<5	100	N	N	N
* 83K108	N	N	<5	<10	20	50	5	20	10	50	N	N	N
A 83K115	N	N	<5	N	10	N	5	100	10	50	N	N	N
A 83K116	N	N	<5	N	100	<20	10	150	10	700	N	N	N
A 83K117	N	N	<5	<10	<5	50	<5	50	10	200	N	N	N
* 83K118	N	N	<5	<10	20	200	50	50	10	70	N	N	N
* 83K119	N	N	<5	<10	15	N	10	50	10	70	N	N	N
+ 83K122	N	N	<5	<10	5	N	50	20	5	50	N	<5	N
* 83K132	N	N	<5	N	<5	20	10	50	10	50	N	N	N
* 83K133	N	N	<5	N	5	50	5	50	10	50	N	N	N
* 83K141	N	N	20	50	50	50	N	N	20	20	N	20	N
* 83K150	N	N	200	20	7	N	20	N	200	10	N	<5	N
A 83K151	N	N	50	<10	5	N	20	N	50	10	N	N	N
A 83K152	N	N	10	<10	<5	N	10	N	<5	<10	N	N	N
* 83K153	N	N	10	<10	50	N	N	N	10	<10	N	N	N
A 83K154	N	N	20	50	20	N	N	N	10	20	N	10	N
* 83K156	N	N	<5	20	10	N	20	N	5	<10	N	N	N
A 83K157	N	N	<5	<10	5	N	10	N	5	<10	N	<5	N
* 83K159	N	N	10	50	100	N	N	N	20	10	N	20	N

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--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	F-ppm si	U-inst
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued											
* 83K16	200	30	N	20	<200	50	N	--	--	220	--
A 83K17	N	10	N	10	<200	200	N	--	--	1,060	--
A 83K18	N	10	N	10	<200	200	N	--	--	740	--
A 83K19	N	10	N	30	<200	200	N	--	--	660	--
A 83K20	N	10	N	20	<200	200	N	--	--	700	--
A 83K21	N	10	N	10	N	200	N	--	--	380	--
A 83K22	N	<10	N	<10	N	200	N	--	--	420	--
A 83K25	N	15	N	15	N	200	N	--	--	460	--
* 83K34	N	15	N	100	N	200	N	--	--	3,450	--
* 83K36	N	10	N	50	N	200	N	--	--	1,360	--
A 83K37	N	10	N	70	N	200	N	--	--	710	--
A 83K38	N	30	N	10	N	500	N	--	--	460	--
A 83K39	100	15	N	10	N	300	N	--	--	1,060	--
A 83K40	N	15	N	N	N	200	N	--	--	560	--
* 83K56	700	50	N	10	N	150	N	--	--	740	--
A 83K58	500	70	N	10	N	100	N	--	--	900	--
* 83K62	500	70	N	10	N	150	N	--	--	500	--
* 83K67	500	50	N	20	N	200	N	--	--	800	--
* 83K80	300	70	N	20	N	200	N	--	--	800	--
* 83K81	200	50	N	<10	N	70	N	--	--	550	--
* 83K82	<100	70	N	15	N	300	N	--	--	1,700	--
A 83K106	N	<10	N	50	N	100	N	--	--	1,100	--
* 83K108	N	20	N	70	<200	200	N	N	N	1,100	2.70
A 83K115	N	10	N	30	<200	200	N	N	N	420	.60
A 83K116	N	20	N	100	500	100	200.00	N	10	700	2.50
A 83K117	N	10	N	50	500	20	200.00	N	5	1,200	1.00
* 83K118	N	50	N	100	<200	200	N	N	25	1,200	6.20
* 83K119	N	20	N	50	<200	200	N	N	10	1,400	1.40
+ 83K122	N	50	N	20	<200	700	N	N	20	300	2.00
* 83K132	N	10	N	70	<200	100	N	N	N	520	3.40
* 83K133	N	20	N	70	<200	100	N	N	N	520	3.60
* 83K141	500	200	N	20	<200	200	N	N	N	700	.25
* 93K150	500	50	N	<10	500	100	N	N	30	500	1.00
A 83K151	500	20	N	10	<200	50	N	N	15	500	1.00
A 83K152	500	20	N	<10	<200	20	N	N	N	400	.25
* 93K153	N	20	N	<10	<200	10	N	N	50	300	.25
A 83K154	N	200	N	10	<200	100	N	N	15	400	1.00
* 83K156	N	100	N	<10	<200	50	N	N	40	300	1.30
A 93K157	N	100	N	<10	<200	70	N	N	30	400	1.30
* 83K159	<100	200	N	20	500	100	N	N	65	1,200	22.00

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 83K160	38 1 55	113 36 44	5.00	.70	1.00	.500	1,000	N	N	N	50	1,500	2.0
* 83K161	38 1 55	113 36 44	.50	.50	20.00	.050	3,000	N	N	N	10	500	<1.0
* 83K163	38 1 55	113 36 44	5.00	.10	.20	.500	100	N	N	N	30	500	2.0
A 83K164	38 1 55	113 36 44	1.50	.20	.10	.300	200	N	N	N	20	1,000	2.0
* 83K174	38 5 19	113 34 34	2.00	.70	1.00	.300	500	N	N	N	20	1,000	3.0
A 83K181	38 3 20	113 34 34	.70	.05	.20	.050	200	N	N	N	50	N	10.0
* 83K182	38 3 20	113 34 34	2.00	.20	.20	.050	200	N	N	N	50	N	10.0
* 83K183	38 3 22	113 34 35	1.00	.20	.20	.050	500	N	N	N	50	20	10.0
* 83K184	38 3 17	113 34 27	1.00	.10	.10	.050	500	N	N	N	20	N	10.0
A 83K186	38 3 23	113 34 20	1.50	.50	.70	.050	1,000	N	N	N	200	200	20.0
A 83K187	38 3 23	113 34 20	.70	.70	1.00	.050	500	N	N	N	200	1,000	20.0
* 83K192	38 4 37	113 34 35	2.00	.30	.50	.070	1,000	N	N	N	20	<20	20.0
A 83K193	38 4 37	113 34 35	1.00	.20	.20	.050	1,000	N	N	N	20	N	20.0
A 83K194	38 4 37	113 34 35	.50	.10	.50	.050	200	N	N	N	20	<20	5.0
* 83K211	38 14 54	113 34 43	.50	.20	1.00	.050	50	N	N	N	10	N	7.0
A 83K212	38 14 54	113 34 43	.50	.30	20.00	.010	10	N	N	N	20	N	5.0
# 83K213	38 14 54	113 34 43	.50	.10	20.00	.020	20	N	N	N	10	N	30.0
* 83K214	38 14 50	113 34 44	1.00	.10	.50	.050	1,000	N	N	N	20	<20	20.0
# 83K216	38 14 24	113 34 51	.10	10.00	15.00	.010	200	N	N	N	N	N	1.0
* 83K217	38 14 25	113 34 50	1.00	.10	.20	.050	500	N	N	N	20	N	10.0
A 83K218	38 14 4	113 34 22	2.00	2.00	1.00	.200	500	N	N	N	20	200	20.0
* 83K219	38 14 4	113 34 22	1.00	1.50	1.00	.100	200	N	N	N	10	300	20.0
* 83K224	38 12 54	113 34 4	1.00	.10	.15	.050	700	N	N	N	20	<20	10.0
* 83K225	38 12 53	113 33 58	1.00	.50	1.00	.100	700	N	N	N	15	200	20.0
* 83K226	38 12 54	113 33 17	1.00	.20	.10	.050	1,500	N	N	N	20	<20	20.0
* 83K227	38 12 38	113 33 58	1.00	.10	.30	.070	1,000	N	N	N	20	<20	15.0
* 83K228	38 11 2	113 32 14	5.00	1.00	1.00	.500	700	N	N	N	10	1,000	2.0
* 83K229	38 3 18	113 35 39	1.00	.15	.50	.050	1,000	N	N	N	20	50	20.0
A83K230A	38 2 40	113 35 36	.20	.10	.20	.070	300	N	N	N	20	30	10.0
* 83K233	38 6 42	113 35 15	1.00	.15	1.00	.070	1,500	N	N	N	30	50	15.0
* 83K234	38 6 37	113 35 17	1.00	.10	1.00	.070	1,000	N	N	N	30	70	15.0
* 83K235	38 6 45	113 36 31	1.00	.30	3.00	.100	300	N	N	N	<10	300	15.0
* 83K236	38 5 48	113 36 34	1.00	.20	.50	.070	700	N	N	N	30	20	20.0
* 83K237	38 6 0	113 36 41	1.00	.10	.20	.070	1,000	N	N	N	30	<20	20.0
A 83K238	38 6 41	113 36 27	.70	.10	.70	.070	700	N	N	N	30	20	15.0
* 83K247	38 3 29	113 38 24	5.00	1.00	2.00	.500	700	N	N	N	10	1,500	2.0
* 83K248	38 3 27	113 38 25	2.00	.10	.10	.020	150	N	N	N	10	200	200.0
A 83K251	38 2 13	113 35 36	3.00	.20	.10	.070	>5,000	N	N	N	30	500	500.0
* 83K252	38 2 13	113 35 35	1.00	.10	.10	.070	1,500	N	N	N	20	<20	<1.0
A 83K253	38 2 13	113 35 34	1.00	.05	.05	.100	1,000	N	N	N	30	N	N
A 83K254	38 2 13	113 35 37	5.00	.05	.20	.050	1,000	N	N	N	50	20	20.0
* 83K255	38 2 13	113 35 37	3.00	.10	<.05	.200	200	.5	N	N	30	50	50.0
* 83K256	38 2 8	113 35 11	1.00	.10	.20	.070	1,500	N	N	N	30	200	200.0
* 83K257	38 2 7	113 35 11	1.00	.10	.50	.070	1,000	N	N	N	30	<20	<1.0
A 83K258	38 2 12	113 35 6	1.00	1.00	.50	.070	700	N	N	N	70	<20	<1.0

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 83K160	N	N	20	50	50	100	N	N	20	30	N	20	N
* 83K161	N	N	<5	<10	10	N	20	N	5	<10	N	<5	N
* 83K163	N	N	N	N	30	100	N	<20	10	70	N	10	N
A 83K164	N	N	N	<10	10	50	N	N	5	20	N	5	N
* 83K174	N	N	10	<10	5	50	N	100	10	30	N	10	N
A 83K181	N	N	<5	<10	<5	<20	N	50	20	30	N	N	N
* 83K182	N	N	<5	<10	<5	<20	N	50	10	100	N	N	N
* 83K183	N	N	<5	<10	30	<20	N	50	10	50	N	N	N
* 83K184	N	N	<5	N	<5	20	N	50	5	100	N	N	20
A 83K186	N	N	<5	N	<5	20	10	100	10	100	N	N	10
A 83K187	N	N	<5	N	<5	<20	N	50	10	20	N	N	N
* 83K192	N	N	<5	N	<5	50	<5	50	10	50	N	N	N
A 83K193	N	N	<5	N	<5	20	N	20	10	50	N	N	N
A 83K194	N	N	<5	<10	<5	N	N	50	20	20	N	N	N
* 83K211	N	N	<5	<10	<5	N	10	70	10	30	N	N	20
A 83K212	N	N	<5	<10	<5	<20	100	N	10	100	N	N	50
# 83K213	N	N	<5	<10	<5	N	20	<20	10	<10	N	N	N
* 83K214	N	N	<5	<10	<5	<20	N	50	20	50	N	N	10
# 83K216	N	N	N	<10	<5	N	20	N	10	<10	N	N	N
* 83K217	N	N	N	<10	<5	N	N	50	10	50	N	N	10
A 83K218	N	N	<5	10	10	N	N	30	50	50	N	5	N
* 83K219	N	N	<5	20	7	<20	N	70	10	30	N	<5	10
* 83K224	N	N	N	<10	<5	N	10	100	5	50	N	<5	10
* 83K225	N	N	5	10	5	<20	N	70	7	50	N	<5	<10
* 83K226	N	N	<5	<10	<5	<20	10	100	5	50	N	N	10
* 83K227	N	N	<5	<10	<5	<20	10	100	5	50	N	<5	10
* 83K228	N	N	10	50	20	<20	<5	<20	20	30	N	10	N
* 83K229	N	N	N	<10	<5	N	10	100	5	70	N	N	10
A83K230A	N	N	N	<10	<5	N	<5	50	<5	30	N	N	<10
* 83K233	N	N	N	<10	5	<20	10	70	15	70	N	N	<10
* 83K234	N	N	<5	<10	<5	<20	10	70	10	100	N	<5	<10
* 83K235	N	N	<5	10	<5	<20	N	<20	15	20	N	5	N
* 83K236	N	N	N	<10	<5	N	10	50	<5	50	N	<5	<10
* 83K237	N	N	N	<10	<5	N	5	50	<5	50	N	<5	<10
A 83K238	N	N	N	<10	<5	N	5	50	5	50	N	<5	<10
* 83K247	N	N	20	100	20	20	N	<20	10	30	N	15	N
* 83K248	N	N	5	<10	<5	N	N	N	10	<10	N	N	N
A 83K251	N	N	N	<10	10	<20	200	70	5	100	N	N	N
* 83K252	N	N	N	<10	<5	N	20	70	<5	50	N	N	N
A 83K253	N	N	<5	<10	<5	N	10	100	<5	30	N	N	N
A 83K254	N	N	<5	<10	<5	N	100	100	<5	50	N	N	N
* 83K255	N	N	<5	20	5	100	<5	50	10	30	N	5	<10
* 83K256	N	N	<5	<10	5	N	10	70	<5	70	N	N	10
* 83K257	N	N	<5	<10	<5	N	10	70	<5	70	N	N	<10
A 83K258	N	N	<5	<10	<5	>1,000	10	70	15	70	N	N	N

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--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	F-ppm si	U-inst
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued											
* 83K160	200	200	N	30	<200	300	N	N	5	800	.30
* 83K161	500	20	N	<10	<200	20	N	N	10	300	.30
* 83K163	N	100	N	50	<200	100	N	N	15	200	2.10
A 83K164	N	50	N	20	<200	300	N	N	15	300	2.20
* 83K174	200	100	N	20	<200	200	N	N	5	500	.65
A 83K181	N	20	N	70	<200	150	N	N	<5	1,000	2.50
* 83K182	N	10	N	70	<200	100	N	N	<5	1,800	1.10
* 83K183	N	10	N	70	<200	100	N	N	<5	1,900	1.30
* 83K184	N	20	N	70	<200	100	N	N	N	1,200	.80
A 83K186	200	10	N	100	<200	150	N	N	N	1,900	1.30
A 83K187	5,000	10	N	100	<200	100	N	N	N	1,700	3.80
* 83K192	N	20	N	70	<200	200	N	N	N	1,500	1.20
A 83K193	N	10	N	70	<200	100	N	N	N	1,800	2.20
A 83K194	N	10	N	100	<200	200	N	N	<5	1,500	1.40
* 83K211	N	20	N	50	<200	200	N	N	20	14,000	14.00
A 83K212	N	20	N	100	<200	<10	N	N	110	280,000	45.00
# 83K213	N	10	N	50	<200	<10	N	N	30	130,000	3.10
* 83K214	N	10	N	70	<200	100	N	N	N	2,400	2.10
# 83K216	<100	10	N	<10	<200	N	N	N	N	200	1.30
* 83K217	N	10	N	50	<200	100	N	N	<5	1,400	1.40
A 83K218	N	50	N	50	<200	100	N	N	10	2,000	11.00
* 83K219	N	50	N	50	<200	100	N	.05	N	16,000	17.00
* 83K224	N	<10	N	50	<200	100	N	.05	N	2,000	1.20
* 83K225	1,000	20	N	30	<200	100	N	.05	N	600	5.20
* 83K226	N	<10	N	30	<200	100	N	<.05	N	200	2.80
* 83K227	N	<10	N	50	<200	100	N	.05	N	2,600	2.70
* 83K228	500	100	N	20	<200	100	N	.05	10	500	.70
* 83K229	N	10	N	70	<200	100	N	N	N	1,600	2.30
A 83K230A	N	<10	N	20	<200	100	N	.05	N	200	1.60
* 83K233	N	10	N	100	<200	150	N	<.05	10	1,100	6.30
* 83K234	N	<10	N	100	<200	100	N	<.05	10	5,200	7.10
* 83K235	500	20	N	20	<200	70	N	N	N	400	1.40
* 83K236	N	<10	N	50	<200	100	N	N	N	500	2.60
* 83K237	N	10	N	50	<200	100	N	N	N	300	2.10
A 83K238	N	<10	N	50	<200	100	N	N	N	6,200	6.50
* 83K247	700	100	N	20	<200	300	N	N	N	500	.35
* 83K248	N	20	N	10	<200	<10	N	N	N	100	.25
A 83K251	<100	50	200	20	500	150	200.00	.40	10	2,200	2.10
* 83K252	N	<10	N	<10	<200	150	N	.05	N	1,400	2.30
A 83K253	N	<10	N	10	<200	200	N	.10	N	1,800	1.70
A 83K254	N	20	150	<10	<200	150	<100.00	<.05	10	400	.30
* 83K255	<100	70	N	200	<200	200	<100.00	<.05	N	3,800	7.60
* 83K256	N	<10	N	30	<200	150	N	<.05	N	800	1.40
* 83K257	N	<10	N	10	<200	150	N	<.05	N	800	.95
A 83K258	N	10	N	>2,000	<200	150	N	<.05	N	4,300	4.70

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
A 83K259	38 2 13	113 35 6	1.00	.05	.05	.070	500	<.5	N	N	50	100	100.0
A 83K260	38 2 10	113 35 5	2.00	.15	1.00	.070	500	N	N	N	100	<20	<1.0
* 83K261	38 2 10	113 35 5	1.00	.10	.07	.070	700	<.5	N	N	100	<20	<1.0
* 83K262	38 2 33	113 36 57	1.50	.20	.07	.500	70	N	N	N	20	500	2.0
* 83K263	38 2 34	113 37 0	2.00	.70	1.00	.200	500	N	N	N	<10	1,000	2.0
* 83K265	38 3 35	113 34 55	1.00	.05	.30	.070	1,000	N	N	N	50	N	10.0
A 83K266	38 3 35	113 34 55	1.00	.50	1.00	.070	200	N	N	N	20	50	10.0
A 83K267	38 3 35	113 34 55	.10	.05	.20	.010	100	N	N	N	30	<20	15.0
A 83K268	38 3 35	113 34 55	1.00	.50	1.00	.070	700	N	N	N	10	50	15.0
* 83K269	38 3 32	113 35 7	1.00	.07	.20	.050	1,000	N	N	N	20	<20	15.0
* 83K275	38 6 40	113 37 57	.70	.10	.50	.020	1,000	N	N	N	30	<20	15.0
* 83K276	38 6 19	113 38 13	.70	.10	.20	.020	1,000	N	N	N	30	70	15.0
A 83W9	38 11 57	113 30 32	15.00	.05	.05	.100	300	N	N	N	100	300	2.0
+ 83W10	38 11 57	113 30 32	3.00	.20	.10	.200	200	N	N	N	50	700	10.0
+ 83W10N	38 12 5	113 30 35	.50	.05	.10	.070	200	N	N	N	20	200	10.0
A 83W11	38 11 57	113 30 32	7.00	.07	.10	.200	200	N	N	N	50	1,000	5.0
A 83W12	38 11 57	113 30 32	1.00	.07	.20	.150	50	N	N	N	50	300	10.0
# 83W13	38 14 50	113 34 53	1.00	>10.00	20.00	.050	1,000	N	N	N	<10	100	2.0
# 83W14	38 14 50	113 34 53	1.00	10.00	7.00	.020	200	N	N	N	10	50	10.0
A 83W15	38 14 50	113 34 53	20.00	1.00	1.50	.050	70	N	700	N	20	200	2.0
A 83W16	38 14 50	113 34 53	2.00	3.00	7.00	.100	200	N	N	N	20	N	5.0
* 83W17	38 14 10	113 34 45	1.00	1.50	.70	.100	200	N	N	N	20	20	7.0
A 83W18	38 14 10	113 34 45	1.00	5.00	20.00	.100	3,000	N	N	N	N	<20	7.0
A 83W19	38 14 50	113 34 53	.20	5.00	20.00	.020	>5,000	N	N	N	N	300	10.0
* 83W20	38 14 50	113 34 53	2.00	10.00	3.00	.150	1,000	N	N	N	<10	<20	30.0
A 83W21	38 14 7	113 34 20	2.00	3.00	1.00	.200	300	N	N	N	10	300	10.0
A 83W22	38 14 25	113 34 50	5.00	.50	>20.00	.020	50	2.0	N	N	N	<20	1.0
A 83W23	38 14 25	113 34 50	7.00	5.00	5.00	.500	300	5.0	N	N	20	500	5.0
A 83W24	38 14 25	113 34 50	>20.00	.50	5.00	.020	200	5.0	N	N	N	20	3.0
A 83W25	38 12 18	113 30 33	7.00	.20	.20	.200	1,500	N	N	N	50	1,000	5.0
A 83W26	38 12 21	113 30 35	7.00	.10	.10	.500	100	N	N	N	10	100	1.0
A 83W27	38 12 20	113 30 42	>20.00	.20	.20	.300	1,000	N	N	N	100	1,000	7.0
A 83W33	38 10 40	113 31 30	.70	2.00	5.00	.100	100	2.0	N	N	20	50	<1.0
A 83W36	38 10 56	113 31 30	20.00	.20	.20	.070	50	N	<200	N	10	300	1.0
+ 83W40	38 12 57	113 26 10	20.00	.05	.05	.100	20	N	700	N	20	100	5.0
* 83W41	38 12 53	113 25 55	2.00	.05	.05	.070	100	1.0	N	N	50	300	20.0
* 83W42	38 12 7	113 27 55	.50	.03	.30	.100	30	N	N	N	20	150	15.0
* 83W43	38 12 4	113 28 4	1.00	.05	.07	.200	50	N	N	N	20	3,000	3.0
+ 83W45	38 10 59	113 31 27	2.00	.03	.07	.200	20	N	N	N	100	300	5.0
* 83W50	38 10 23	113 32 5	3.00	2.00	20.00	.200	500	N	N	N	10	300	1.0
A 83W51	38 10 25	113 32 7	10.00	1.00	20.00	.010	>5,000	N	N	N	N	500	10.0
A 83W52	38 10 20	113 32 5	20.00	2.00	1.50	.010	500	1.5	1,000	N	10	<20	N
A 83W53	38 10 20	113 32 5	20.00	.50	1.50	.070	1,000	1.5	1,000	N	30	<20	1.0
+ 83W66	38 14 7	113 34 22	10.00	.10	.50	.100	20	N	N	N	10	50	2.0
# 83W68	38 14 22	113 34 53	.50	7.00	20.00	.020	100	N	N	N	<10	150	1.0

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
A 83K259	N	N	<5	<10	<5	20	15	50	15	70	N	<5	N
A 83K260	N	N	<5	<10	<5	300	15	70	5	30	N	<5	N
* 83K261	N	N	5	<10	<5	>1,000	10	100	5	50	N	N	15
* 83K262	N	N	<5	<10	10	100	10	20	5	30	N	5	N
* 83K263	N	N	10	20	10	50	N	N	5	30	N	10	N
* 83K265	N	N	<5	<10	<5	20	10	70	5	70	N	<5	15
A 83K266	N	N	<5	<10	<5	<20	N	70	5	20	N	N	10
A 83K267	N	N	<5	<10	<5	N	N	20	5	<10	N	N	N
A 83K268	N	N	<5	<10	<5	<20	N	50	5	70	N	N	10
* 83K269	N	N	<5	<10	<5	<20	5	100	<5	70	N	N	N
* 83K275	N	N	<5	<10	<5	<20	<5	100	5	100	N	N	<10
* 83K276	N	N	<5	<10	<5	N	<5	70	5	100	N	N	<10
A 83W9	N	N	5	20	10	N	<5	50	<5	10	N	<5	N
+ 83W10	N	N	<5	20	5	50	<5	70	<5	20	N	10	N
+ 83W10N	N	N	<5	N	5	20	N	30	5	100	N	N	N
A 83W11	N	N	<5	20	<5	50	<5	50	<5	10	N	<5	N
A 83W12	N	N	<5	10	<5	N	N	70	<5	<10	N	N	N
# 83W13	N	N	<5	20	7	N	<5	N	<5	50	N	<5	N
# 83W14	N	N	<5	150	5	N	<5	N	20	<10	N	10	N
A 83W15	N	N	<5	100	20	N	20	N	50	500	100	N	N
A 83W16	N	N	<5	20	5	N	50	50	<5	50	N	<5	20
* 83W17	N	N	<5	20	20	N	100	100	5	100	N	N	50
A 83W18	<10	N	N	50	5	100	30	<20	20	100	N	10	10
A 83W19	N	N	10	10	7	100	500	N	100	30	N	5	N
* 83W20	20	N	N	20	10	50	30	100	10	100	N	5	30
A 83W21	N	N	10	30	10	<20	N	50	10	100	N	5	20
A 83W22	N	N	N	10	<5	N	200	N	N	20	N	<5	N
A 83W23	N	N	10	20	20	100	70	N	15	70	N	20	N
A 83W24	N	N	50	20	30	N	100	N	70	50	N	50	N
A 83W25	N	N	100	10	50	N	20	N	20	20	N	5	N
A 83W26	N	N	5	20	20	<20	<5	N	5	20	N	10	N
A 83W27	N	N	150	50	500	20	50	N	200	50	N	50	N
A 83W33	N	N	N	15	5	N	50	N	10	N	N	N	N
A 83W36	N	N	N	20	10	50	100	N	<5	100	N	10	N
+ 83W40	N	N	7	150	7	100	100	N	5	30	N	7	N
* 83W41	N	N	N	15	5	50	20	50	5	30	N	N	N
* 83W42	N	N	N	N	N	70	N	50	<5	30	N	N	N
* 83W43	N	N	N	N	<5	100	7	30	10	20	N	5	N
+ 83W45	N	N	<5	<10	<5	100	7	30	<5	15	N	5	N
* 83W50	N	N	7	N	5	50	N	N	<5	30	N	7	N
A 83W51	N	N	50	20	15	N	10	N	100	N	N	N	<10
A 83W52	N	N	10	150	30	N	100	N	5	20	N	N	N
A 83W53	N	N	20	100	20	N	20	N	15	<10	N	N	N
+ 83W66	N	N	N	10	<5	20	50	N	<5	100	N	7	N
# 83W68	N	N	N	10	<5	N	N	N	N	10	N	N	N

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--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	F-ppm si	U-inst
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued											
A 83K259	N	10	N	200	<200	100	500.00	<.05	N	2,200	5.40
A 83K260	N	20	N	50	<200	200	1,000.00	N	10	2,800	4.10
* 83K261	N	<10	N	1,000	<200	200	N	N	N	3,200	3.60
* 83K262	<100	50	N	20	<200	500	N	N	10	300	1.80
* 83K263	700	100	N	20	<200	150	N	N	N	400	.45
* 83K265	N	<10	N	100	<200	150	N	N	N	900	.15
A 83K266	1,000	<10	N	70	<200	100	N	N	N	100	1.10
A 83K267	<100	<10	N	20	<200	100	N	N	N	100	.60
A 83K268	700	<10	N	50	<200	100	N	N	N	100	2.10
* 83K269	N	10	N	100	<200	100	N	N	<10	1,800	2.50
* 83K275	N	30	N	100	<200	150	N	N	10	300	1.20
* 83K276	N	<10	N	50	<200	150	N	N	N	700	1.50
A 83W9	100	70	N	<10	<200	200	N	N	20	<100	.80
+ 83W10	200	20	N	20	<200	500	N	N	10	100	.60
+ 83W10N	N	<10	N	50	N	150	N	N	<10	300	--
A 83W11	100	50	N	20	<200	500	N	N	10	880	.55
A 83W12	100	15	N	20	<200	200	N	N	N	<100	.60
# 83W13	N	20	N	100	<200	20	N	N	10	4,300	.90
# 83W14	N	200	N	50	<200	<10	N	N	20	4,300	1.50
A 83W15	N	700	N	10	200	<10	N	N	700	1,000	3.00
A 83W16	N	30	N	100	<200	200	N	N	5	56,000	55.00
* 83W17	N	20	N	100	<200	200	N	N	<5	3,500	36.00
A 83W18	<100	50	N	300	<200	100	N	N	15	29,000	43.00
A 83W19	<100	30	N	1,500	700	10	N	N	15	9,900	37.00
* 83W20	N	70	N	200	<200	200	N	<.05	10	120,000	410.00
A 83W21	N	50	N	100	<200	200	N	N	N	7,900	550.00
A 83W22	N	150	N	50	<200	10	N	.50	60	370,000	26.00
A 83W23	N	150	N	50	<200	200	N	.20	95	2,000	18.00
A 83W24	200	100	N	200	1,500	N	N	.20	55	48,000	91.00
A 83W25	N	200	N	30	200	200	N	N	20	400	1.70
A 83W26	N	200	N	20	<200	300	N	N	10	200	13.00
A 83W27	1,000	200	N	50	2,000	100	N	N	10	400	33.00
A 83W33	N	50	N	<10	<200	50	N	N	40	300	.25
A 83W36	2,000	100	N	50	<200	50	N	N	800	600	1.90
+ 83W40	<100	70	N	300	N	100	N	--	--	180	--
* 83W41	N	20	N	70	N	100	N	--	--	500	--
* 83W42	N	10	N	50	N	100	N	--	--	300	--
* 83W43	N	20	N	30	N	300	N	--	--	300	--
+ 83W45	N	30	N	100	N	300	N	--	--	280	--
* 83W50	200	70	N	15	N	150	N	--	--	650	--
A 83W51	200	30	N	15	1,000	N	N	--	--	220	--
A 83W52	<100	70	N	N	200	10	N	--	--	<100	--
A 83W53	<100	50	N	N	<200	10	N	--	--	340	--
+ 83W66	100	100	N	50	<200	100	N	N	120	100	--
# 83W68	100	10	N	<10	N	N	N	N	N	300	.15

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
+ 83W72	38 14 17	113 34 50	.15	.10	.05	<.002	10	N	N	N	20	<20	3.0
+ 83W77	38 14 10	113 34 20	.05	.03	.50	<.002	20	N	N	N	20	<20	<1.0
+ 83W82	38 14 30	113 30 54	<.05	.10	.50	<.002	50	N	N	N	20	<20	N
+ 83W83B	38 13 58	113 34 33	1.00	.30	.70	.200	500	N	N	N	<10	300	1.5
* 83W97	38 14 45	113 34 47	3.00	.50	.50	1.000	200	N	N	N	50	500	1.5
* 83W98	38 14 37	113 34 0	5.00	.30	1.00	.150	2,000	N	N	N	30	150	3.0
A 83W105	38 14 30	113 34 45	5.00	1.00	1.50	1.000	1,000	N	N	N	50	1,000	2.0
# 83W111	38 12 35	113 28 0	3.00	.30	2.00	<.002	150	N	N	N	15	N	1.5
#83W111L	38 12 35	113 28 0	2.00	.30	.30	<.002	200	N	N	N	20	N	1.5
# 83W112	38 12 30	113 28 5	>20.00	2.00	2.00	.010	3,000	N	N	N	20	N	1.5
#83W113F	38 12 30	113 27 50	>20.00	.10	.30	.007	200	<.5	N	N	30	<20	5.0
#83W113G	38 12 30	113 27 50	1.00	.20	20.00	.007	10	N	N	N	200	N	1.0
# 83W117	38 12 32	113 28 7	5.00	.50	1.50	.020	150	N	N	N	100	100	3.0
# 83W118	38 12 30	113 28 5	.50	.02	.50	<.002	20	N	N	N	20	20	1.0
A 83W119	38 12 30	113 28 5	.70	<.02	10.00	.015	N	N	N	N	N	N	<1.0
# 83W120	38 12 40	113 28 5	10.00	10.00	20.00	.010	1,000	N	N	N	20	N	<1.0
# 83W122	38 12 40	113 28 5	.50	.15	.15	.200	20	N	N	N	15	700	<1.0
# 83W123	38 12 32	113 28 7	>20.00	.50	1.50	.500	150	N	500	N	50	70	1.5
* 83W124	38 12 32	113 28 7	2.00	1.00	.20	.700	30	N	N	N	50	1,000	2.0
* 83W126	38 12 33	113 28 5	>20.00	1.50	5.00	.020	>5,000	N	N	N	50	500	2.0
A 83W128	38 12 32	113 27 38	7.00	.10	1.00	1.000	200	<.5	N	N	30	1,500	1.0
A 83W130	38 12 30	113 28 0	>20.00	2.00	15.00	.030	1,500	.5	N	N	20	100	1.5
A 83W131	38 12 35	113 27 40	10.00	7.00	20.00	.050	>5,000	1.0	N	N	20	1,000	20.0
# 83W132	38 11 50	113 27 40	>20.00	7.00	10.00	.020	1,500	N	N	N	20	100	1.5
* 83W133	38 12 30	113 28 10	>20.00	.30	10.00	.020	1,000	<.5	N	N	20	200	20.0
* 84K319	38 3 43	113 35 40	.50	.20	.15	.010	300	N	N	N	20	N	5.0
* 84K327	38 4 25	113 35 15	1.00	.20	.20	.070	700	N	N	N	30	N	7.0
* 84K328	38 4 38	113 34 50	1.00	.20	.10	.100	1,000	N	N	N	30	N	7.0
* 84K331	38 4 45	113 34 23	1.00	.05	.20	.070	700	N	N	N	50	N	7.0
* 84K338	38 6 50	113 36 25	.70	.20	.30	.050	500	N	N	N	50	150	7.0
A 84K348	38 5 25	113 36 7	.70	.02	.50	.050	300	N	N	N	30	N	10.0
A 84K349	38 5 25	113 36 7	.70	.50	1.00	.050	500	N	N	N	20	N	50.0
* 84K350	38 6 38	113 36 12	.20	.03	<.05	.007	200	N	N	N	100	N	20.0
* 84K352	38 4 28	113 35 55	1.00	.10	.50	.070	1,000	N	N	N	20	N	2.0
* 85K406	38 15 42	113 26 50	1.50	.20	.50	.070	700	N	N	N	50	N	30.0
* 85K408	38 15 40	113 26 50	1.50	.30	.50	.070	500	N	N	N	50	N	15.0
* 85K411	38 16 0	113 27 20	1.00	.15	.15	.030	1,500	N	N	N	200	20	30.0
* 85K415	38 16 5	113 26 35	1.50	.15	.20	.050	700	N	N	N	30	N	20.0
* 85K418	38 16 20	113 26 17	1.50	.05	.15	.050	1,000	N	N	N	50	N	20.0
* 85K422	38 16 2	113 25 55	1.00	.05	.15	.070	1,000	N	N	N	30	<20	20.0
* 85K423	38 15 55	113 26 10	3.00	.02	.10	.030	2,000	N	N	N	30	30	20.0
A 85K424	38 15 55	113 26 10	2.00	.05	.70	.070	100	N	N	N	50	20	20.0
+ 85K432	38 10 55	113 23 45	2.00	.50	<.05	>1.000	20	N	N	N	500	500	1.5
# 85K436	38 11 20	113 24 35	5.00	.03	.20	.007	100	N	N	N	20	100	5.0
* 85K440	38 15 50	113 27 30	1.50	.07	.05	.050	1,000	N	N	N	100	N	20.0

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
+ 83W72	N	N	<5	N	<5	N	N	N	5	N	N	N	N
+ 83W77	N	N	<5	N	<5	N	N	N	5	N	N	N	N
+ 83W82	N	N	N	N	<5	N	N	N	5	N	N	N	N
+ 83W83B	N	N	N	15	5	50	<5	N	5	20	N	5	N
* 83W97	N	N	10	70	20	100	N	<20	10	30	N	15	N
* 83W98	N	N	15	10	20	20	N	50	10	10	N	15	10
A 83W105	N	N	15	100	20	100	5	<20	70	50	N	20	20
# 83W111	N	N	50	10	N	N	5	N	50	N	N	N	N
#83W111L	N	N	50	N	N	N	N	N	50	N	N	N	N
# 83W112	N	N	100	N	<5	50	N	N	100	10	N	15	N
#83W113F	N	N	50	N	N	20	N	N	200	N	N	20	N
#83W113G	N	N	10	<10	N	N	<5	N	5	10	N	5	N
# 83W117	N	N	20	10	5	20	7	N	70	20	N	10	N
# 83W118	N	N	5	N	N	50	N	N	N	N	N	7	N
A 83W119	N	N	N	N	5	N	N	N	N	N	N	N	N
# 83W120	N	N	30	20	10	N	5	N	30	<10	N	N	N
# 83W122	N	N	N	100	7	50	N	N	N	70	N	7	N
# 83W123	N	N	50	10	70	70	15	20	50	30	N	10	N
* 83W124	N	N	N	<10	5	70	N	<20	<5	15	N	10	N
* 83W126	N	N	50	<10	20	50	15	N	100	10	N	7	N
A 83W128	N	N	5	30	30	100	5	<20	N	30	N	10	N
A 83W130	N	N	20	10	15	N	20	N	15	15	N	5	N
A 83W131	N	N	>2,000	10	2,000	<20	10	N	100	10	N	5	10
# 83W132	N	N	70	15	7	N	10	N	70	20	N	N	N
* 83W133	N	N	50	<10	5	20	5	N	70	10	N	N	N
* 84K319	N	N	N	N	N	N	N	30	N	50	N	N	10
* 84K327	N	N	5	N	N	<20	15	70	10	70	N	N	N
* 84K328	N	N	5	N	N	50	7	70	N	70	N	N	N
* 84K331	N	N	5	N	N	70	10	50	N	70	N	N	10
* 84K338	N	N	5	N	N	N	<5	30	N	70	N	N	10
A 84K348	N	N	5	N	N	<20	10	30	5	70	N	N	300
A 84K349	N	N	<5	N	N	50	<5	30	7	30	N	N	10
* 84K350	N	N	5	N	N	N	10	20	7	10	N	N	N
* 84K352	N	N	5	N	N	50	N	50	5	50	N	N	N
* 85K406	N	N	N	<10	N	50	15	100	N	30	N	N	N
* 85K408	N	N	N	N	N	30	15	70	N	20	N	N	<10
* 85K411	N	N	N	10	<5	70	15	100	N	70	N	N	30
* 85K415	N	N	N	10	N	100	10	100	N	30	N	N	15
* 85K418	N	N	N	10	N	50	10	100	N	30	N	N	<10
* 85K422	N	N	N	10	N	50	10	100	N	30	N	N	N
* 85K423	N	N	N	<10	<5	50	50	100	N	50	N	N	<10
A 85K424	N	N	N	10	N	70	15	100	N	20	N	N	<10
+ 85K432	N	N	20	100	50	N	N	20	30	10	N	20	N
# 85K436	N	N	N	<10	15	N	N	N	N	N	N	N	N
* 85K440	N	N	N	10	N	50	10	150	N	50	N	N	10

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--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	F-ppm si	U-inst
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued											
+ 83W72	N	<10	N	N	N	N	N	N	10	100	--
+ 83W77	N	<10	N	N	N	N	N	N	N	N	--
+ 83W82	N	<10	N	N	N	N	N	N	<10	N	--
+ 83W83B	N	20	N	20	N	200	N	N	10	300	--
* 83W97	300	200	N	20	N	200	N	N	90	700	.45
* 83W98	N	50	N	200	N	200	N	N	N	200	1.60
A 83W105	300	200	N	50	N	200	N	N	N	700	.30
# 83W111	N	15	N	20	N	N	N	N	30	700	8.50
#83W111L	N	10	N	15	N	N	N	N	20	1,500	18.00
# 83W112	N	10	N	100	500	N	N	N	310	100	7.10
#83W113F	N	15	N	200	2,000	N	N	N	20	100	.15
#83W113G	300	70	N	<10	N	N	N	N	20	200	.50
# 83W117	100	50	N	15	N	10	N	N	120	2,500	30.00
# 83W118	500	70	N	<10	N	<10	N	N	50	300	.10
A 83W119	N	20	N	<10	N	N	N	N	N	100	.25
# 83W120	N	<10	N	70	N	N	N	N	N	100	.25
# 83W122	300	150	N	N	N	70	N	N	10	300	.25
# 83W123	100	50	N	150	<200	500	N	N	700	300	6.30
* 83W124	N	70	N	20	N	300	N	N	70	700	.45
* 83W126	150	200	N	200	300	N	N	N	80	300	.65
A 83W128	500	200	N	15	N	300	N	N	N	300	.10
A 83W130	N	70	N	30	N	15	N	N	80	100	.30
A 83W131	300	150	N	100	700	50	N	N	70	300	4.90
# 83W132	N	50	N	10	N	N	N	N	100	100	.10
* 83W133	N	50	N	50	200	N	N	N	N	100	.95
* 84K319	N	N	N	20	N	70	N	N	--	300	--
* 84K327	N	10	N	50	N	100	N	N	--	700	--
* 84K328	N	N	N	50	N	100	N	N	--	1,400	--
* 84K331	N	N	N	100	N	100	N	N	--	1,800	--
* 84K338	<100	N	N	50	N	20	N	N	--	1,500	--
A 84K348	N	<10	N	50	N	100	N	N	--	3,200	--
A 84K349	1,500	10	N	50	N	70	N	N	--	1,400	--
* 84K350	N	15	N	30	N	10	N	N	--	1,100	--
* 84K352	N	10	N	70	N	100	N	N	--	1,100	--
* 85K406	N	10	N	100	N	300	N	--	--	2,700	3.90
* 85K408	N	10	N	70	N	200	N	--	--	2,700	4.50
* 85K411	N	15	N	100	N	200	<100.00	--	--	4,700	.20
* 85K415	N	10	N	100	N	300	<100.00	--	--	1,900	2.10
* 85K418	N	10	N	100	N	200	N	--	--	2,500	2.90
* 85K422	N	20	N	70	N	300	N	--	--	1,700	2.30
* 85K423	N	20	N	70	N	200	<100.00	--	--	1,500	3.00
A 85K424	N	20	N	70	N	300	N	--	--	900	2.30
+ 85K432	200	150	N	30	N	300	N	--	--	300	.05
# 85K436	N	150	N	N	N	N	N	--	--	N	.90
* 85K440	N	20	N	70	N	300	N	--	--	600	3.40

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--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	F-ppm si	U-inst
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued											
* 85K444	N	15	N	30	N	150	N	--	--	900	2.00
* 85K451	N	15	N	100	N	500	N	--	--	3,400	3.70
* 85K453	N	15	N	10	N	200	N	--	--	1,000	.50
# 85K464	N	200	N	30	N	N	N	.05	1,000	200	7.40
* 85K465	N	50	N	N	N	N	N	.85	290	N	.60
* 85K466	N	30	N	N	N	<10	N	1.30	770	N	N
* 85K469	N	20	N	100	N	300	N	--	--	800	2.00
* 85K470	N	15	N	70	N	500	N	--	--	1,800	4.70
* 85K473	N	10	N	100	N	200	N	--	--	1,200	3.00
A 85K474	N	10	N	30	N	300	N	--	--	600	1.20
A 85K475	N	50	N	50	N	200	N	--	--	1,600	1.40
* 85K476	N	15	N	100	N	200	N	--	--	500	.60
* 85K478	N	10	N	70	N	300	N	--	--	1,000	.65
* 85K487	N	20	N	150	N	300	<100.00	--	--	1,300	.90
* 85K488	N	10	N	100	N	200	N	--	--	2,600	4.00
A 85K489	N	15	N	70	N	200	N	--	--	2,500	3.50
* 85K491	N	15	N	70	N	300	N	--	--	600	4.30
* 85K493	N	10	N	100	N	300	N	--	--	1,400	N
A 85K494	N	10	N	20	N	300	N	--	--	100	.50
* 85K495	N	15	N	70	N	300	N	--	--	200	1.40
* 85K496	N	20	N	100	N	500	<100.00	--	--	3,000	2.70
* 85K499	N	20	N	70	N	300	<100.00	--	--	1,200	4.00
A 85K500	100	20	N	100	N	200	N	--	--	200	4.40
A 85K501	N	15	N	20	N	500	N	--	--	900	.50
* 85K503	N	50	N	100	N	300	100.00	--	--	300	2.80
* 85K504	N	15	N	70	N	300	N	--	--	1,100	2.60
A 85K505	N	15	N	20	N	200	N	--	--	300	.75
* 85K506	N	10	N	100	N	1,000	N	--	--	2,400	4.20
A 85K507	100	20	N	10	N	200	<100.00	--	--	2,000	.50
* 85K509	N	15	N	100	N	1,000	N	--	--	3,000	2.70
* 85K512	N	15	N	70	N	200	N	--	--	2,200	4.20
* 85K514	N	15	N	100	N	200	N	--	--	2,000	4.20
A 85W252	N	20	N	100	N	300	<100.00	--	--	400	5.40
* 85W258	N	15	N	100	N	200	N	--	--	1,400	5.20
* 85W260	N	15	N	100	N	200	N	--	--	4,300	5.20
* 85W262	N	15	N	150	N	300	<100.00	--	--	4,300	4.90
* 85W266	N	10	N	50	N	200	N	--	--	2,200	2.30
* 85W268	N	15	N	70	N	300	<100.00	--	--	700	3.50
* 85W271	N	10	N	70	N	200	<100.00	--	--	600	4.30
* 85W272	N	10	N	100	N	300	<100.00	--	--	1,800	3.70
* 85W275	N	15	N	100	N	200	N	--	--	2,200	4.30
* 85W279	N	15	N	100	N	200	N	--	--	2,600	4.60
* 85W286	N	15	N	10	N	200	<100.00	--	--	500	2.70
* 85W289	N	10	N	<10	N	200	N	--	--	600	1.10
* 85W290	N	15	N	100	N	200	N	--	--	1,800	8.90

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 85K444	N	N	N	N	N	20	5	100	N	20	N	N	N
* 85K451	N	N	N	<10	<5	70	5	150	N	30	N	N	30
* 85K453	N	N	N	<10	N	N	10	100	N	50	N	N	10
# 85K464	N	N	15	30	100	20	15	N	70	N	N	10	N
* 85K465	N	N	N	<10	5	N	15	N	N	N	N	N	N
* 85K466	N	N	N	10	20	N	20	N	N	N	N	N	N
* 85K469	N	N	N	N	<5	100	10	70	N	30	N	N	<10
* 85K470	N	N	N	N	N	100	15	70	N	30	N	N	15
* 85K473	N	N	N	N	<5	100	7	50	N	50	N	N	N
A 85K474	N	N	N	N	N	100	7	70	N	30	N	N	N
A 85K475	N	N	N	<10	<5	20	<5	50	N	50	N	N	15
* 85K476	N	N	N	<10	N	N	<5	50	N	30	N	N	10
* 85K478	N	N	N	<10	N	200	15	70	N	70	N	N	20
* 85K487	N	N	N	N	N	70	N	70	N	50	N	N	N
* 85K488	N	N	N	<10	N	20	15	70	N	30	N	N	20
A 85K489	N	N	N	N	N	70	5	50	N	30	N	N	N
* 85K491	N	N	N	N	<5	70	10	70	N	30	N	N	N
* 85K493	N	N	N	N	N	70	15	50	N	70	N	N	20
A 85K494	N	N	N	N	N	20	<5	50	N	30	N	N	15
* 85K495	N	N	N	N	N	50	10	50	N	30	N	N	N
* 85K496	N	N	N	N	N	150	15	50	N	50	N	N	N
* 85K499	N	N	N	N	N	70	10	100	N	50	N	N	N
A 85K500	N	N	N	N	N	100	<5	50	N	50	N	N	30
A 85K501	N	N	N	N	N	70	15	70	N	30	N	N	<10
* 85K503	N	N	N	N	5	70	<5	100	N	20	N	N	15
* 85K504	N	N	N	N	N	70	10	50	N	30	N	N	10
A 85K505	N	N	N	N	<5	30	20	50	N	50	N	N	N
* 85K506	N	N	N	N	N	50	15	70	N	30	N	N	N
A 85K507	N	N	N	N	<5	20	5	70	N	50	N	N	N
* 85K509	N	N	N	N	N	70	15	100	N	30	N	N	N
* 85K512	N	N	N	N	N	70	5	50	N	30	N	N	N
* 85K514	N	N	N	N	N	50	15	70	N	50	N	N	30
A 85W252	N	N	N	<10	N	70	N	100	N	30	N	N	300
* 85W258	N	N	N	<10	N	50	N	100	N	70	N	N	10
* 85W260	N	N	N	<10	<5	70	<5	70	N	30	N	N	20
* 85W262	N	N	N	<10	N	70	N	100	N	30	N	N	<10
* 85W266	N	N	N	<10	<5	50	10	70	N	30	N	N	N
* 85W268	N	N	N	<10	N	70	N	70	N	30	N	N	N
* 85W271	N	N	N	<10	N	200	N	100	N	30	N	N	10
* 85W272	N	N	N	<10	N	50	7	100	N	50	N	N	10
* 85W275	N	N	N	<10	N	70	N	70	N	30	N	N	15
* 85W279	N	N	N	<10	N	70	5	100	N	30	N	N	20
* 85W286	N	N	N	<10	N	20	<5	70	N	30	N	N	N
* 85W289	N	N	N	<10	N	N	<5	70	N	20	N	N	15
* 85W290	N	N	N	<10	N	100	5	100	N	30	N	N	10

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 85K444	38 15 40	113 27 25	1.00	.07	<.05	.030	500	N	N	N	50	N	15.0
* 85K451	38 15 40	113 27 52	1.50	.07	.50	.050	1,000	N	N	N	100	<20	15.0
* 85K453	38 15 12	113 27 40	1.00	.05	<.05	.050	700	N	N	N	50	30	20.0
# 85K464	38 14 23	113 26 48	>20.00	.20	<.05	.010	1,000	.5	700	N	150	1,000	10.0
* 85K465	38 14 23	113 26 48	1.00	.05	.05	.010	30	3.0	200	N	10	150	<1.0
* 85K466	38 14 23	113 26 48	2.00	.03	.30	.020	100	30.0	1,500	N	10	200	1.0
* 85K469	38 3 23	113 34 21	1.50	.05	.30	.100	700	N	N	N	50	20	15.0
* 85K470	38 3 21	113 34 11	1.50	.10	.70	.100	1,000	N	N	N	50	<20	20.0
* 85K473	38 2 59	113 34 28	1.50	.15	.50	.070	1,000	N	N	N	30	30	20.0
A 85K474	38 2 55	113 34 30	.07	.03	.10	.070	50	N	N	N	30	<20	15.0
A 85K475	38 2 44	113 34 50	5.00	.15	.20	.050	100	N	N	N	50	<20	7.0
* 85K476	38 2 48	113 35 9	1.50	.30	.50	.070	200	N	N	N	30	<20	15.0
* 85K478	38 2 56	113 35 7	1.00	.02	.30	.100	500	N	N	N	50	N	20.0
* 85K487	38 4 10	113 35 42	1.50	.10	.20	.070	1,500	N	N	N	30	30	10.0
* 85K488	38 4 17	113 35 50	1.00	<.02	.20	.050	700	N	N	N	50	<20	15.0
A 85K489	38 4 34	113 36 24	1.00	.02	.20	.070	500	N	N	N	30	<20	10.0
* 85K491	38 4 30	113 36 34	1.50	.07	1.00	.100	1,000	N	N	N	30	<20	15.0
* 85K493	38 4 30	113 36 12	1.50	.03	.30	.100	700	N	N	N	50	N	15.0
A 85K494	38 4 38	113 38 0	1.50	.02	<.05	.070	500	.7	N	N	30	N	15.0
* 85K495	38 4 45	113 38 8	1.50	.07	.15	.100	1,000	N	N	N	20	<20	10.0
* 85K496	38 4 58	113 38 24	2.00	.05	.50	.100	1,000	N	N	N	30	<20	15.0
* 85K499	38 5 5	113 38 24	1.50	.10	.15	.070	500	N	N	N	30	N	20.0
A 85K500	38 5 9	113 38 12	1.50	.30	1.00	.100	2,000	N	N	N	20	100	10.0
A 85K501	38 4 58	113 38 5	.20	.05	.50	.100	100	N	N	N	20	150	10.0
* 85K503	38 5 14	113 37 56	1.00	.05	.15	.070	700	N	N	N	30	50	15.0
* 85K504	38 5 10	113 37 23	1.00	.05	.50	.070	700	N	N	N	30	100	15.0
A 85K505	38 5 15	113 37 17	1.00	.20	1.50	.100	200	N	N	N	20	50	10.0
* 85K506	38 5 27	113 36 50	1.50	.05	.30	.070	1,000	N	N	N	30	<20	10.0
A 85K507	38 5 24	113 36 51	2.00	.20	1.50	.100	70	N	N	N	50	<20	7.0
* 85K509	38 4 38	113 37 36	1.00	.07	.70	.200	700	N	N	N	50	100	20.0
* 85K512	38 5 20	113 37 36	1.00	.05	.20	.070	500	N	N	N	30	<20	15.0
* 85K514	38 5 53	113 37 28	1.50	.05	.20	.070	1,000	N	N	N	30	100	10.0
A 85W252	38 16 0	113 27 15	1.00	.10	.10	.050	700	N	N	N	50	N	10.0
* 85W258	38 15 32	113 26 40	1.00	.03	.15	.050	1,000	N	N	N	20	<20	20.0
* 85W260	38 15 30	113 26 20	1.00	.02	.50	.050	1,000	N	N	N	30	<20	20.0
* 85W262	38 15 40	113 26 5	1.00	.03	.30	.050	1,000	<.5	N	N	30	N	15.0
* 85W266	38 15 55	113 26 5	1.50	.05	.50	.030	100	N	N	N	30	<20	10.0
* 85W268	38 15 50	113 26 25	.70	.02	.30	.100	30	N	N	N	20	N	7.0
* 85W271	38 15 50	113 27 18	1.00	.15	.10	.050	500	N	N	N	50	N	15.0
* 85W272	38 15 40	113 27 18	1.00	.10	.20	.070	700	N	N	N	30	N	15.0
* 85W275	38 15 20	113 27 5	.70	.03	.15	.030	500	N	N	N	30	20	15.0
* 85W279	38 15 10	113 27 20	1.00	.20	2.00	.050	500	N	N	N	70	N	15.0
* 85W286	38 15 20	113 27 20	1.00	.20	1.00	.070	700	N	N	N	30	N	10.0
* 85W289	38 15 4	113 27 28	1.00	<.02	<.05	.030	300	N	N	N	30	<20	10.0
* 85W290	38 15 3	113 27 35	1.00	.15	.15	.070	700	N	N	N	70	20	20.0

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 85W299	38 15 30	113 26 50	.30	.07	.10	.020	100	N	N	N	30	N	20.0
* 85W300	38 15 30	113 26 43	.70	.05	.20	.050	500	N	N	N	20	N	100.0
* 85W302	38 15 48	113 26 39	.70	<.02	.20	.030	500	N	N	N	30	N	10.0
* 85W303	38 15 45	113 26 43	1.00	.03	.15	.070	500	N	N	N	30	N	10.0
* 85W305	38 15 50	113 26 55	.70	<.02	.20	.070	500	N	N	N	20	N	10.0
A 85W314	38 13 58	113 27 42	.50	.10	.10	.020	1,000	N	N	N	50	20	15.0
* 85W321	38 2 25	113 36 8	.05	.02	<.05	.100	50	N	N	N	20	N	3.0
* 85W324	38 3 37	113 36 35	1.00	.10	.50	.050	1,000	N	N	N	30	20	7.0
* 85W325	38 3 47	113 36 40	1.00	.03	.15	.030	1,000	N	N	N	30	30	10.0
* 85W327	38 4 4	113 36 37	1.50	.03	1.00	.050	1,000	N	N	N	70	<20	7.0
* 85W330	38 4 0	113 37 0	1.50	.05	1.00	.070	1,000	N	N	N	30	N	15.0
* 85W332	38 3 52	113 36 20	1.00	.07	.50	.050	1,000	N	N	N	50	N	15.0
* 85W333	38 2 18	113 35 37	.70	.10	1.00	.070	300	N	N	N	70	N	3.0
* 85W338	38 4 11	113 36 35	1.00	.03	.20	.070	700	N	N	N	30	N	10.0
* 85W340	38 5 5	113 36 22	1.50	.10	.30	.050	700	N	N	N	30	20	7.0
* 85W343	38 4 58	113 36 5	.70	.05	.50	.070	1,000	N	N	N	30	N	10.0
* 85W349	38 5 17	113 36 40	1.00	.05	.30	.030	700	N	N	N	30	20	10.0
* 85W353	38 5 39	113 35 42	1.00	<.02	.10	.030	700	N	N	N	50	N	15.0
* 85W354	38 5 47	113 36 0	1.00	.05	.15	.030	1,000	N	N	N	50	N	10.0
A SNHM1	38 5 23	113 36 10	15.00	<.02	.05	.050	>5,000	N	300	N	30	30	15.0

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued													
* 85W299	N	N	N	<10	N	20	N	100	N	30	N	N	N
* 85W300	N	N	N	<10	N	70	N	70	N	30	N	N	<10
* 85W302	N	N	N	<10	N	70	5	70	N	50	N	N	10
* 85W303	N	N	N	<10	N	100	5	70	N	50	N	N	N
* 85W305	N	N	N	<10	N	100	7	30	N	20	N	N	N
A 85W314	N	N	N	<10	N	20	5	70	N	70	N	N	15
* 85W321	N	N	N	<10	N	20	N	70	N	<10	N	N	<10
* 85W324	N	N	N	<10	N	70	7	100	N	50	N	N	N
* 85W325	N	N	N	<10	N	50	15	50	N	50	N	N	N
* 85W327	N	N	N	<10	N	70	15	70	N	20	N	N	15
* 85W330	N	N	N	<10	N	100	10	50	N	30	N	N	N
* 85W332	N	N	N	<10	N	50	20	100	N	50	N	N	N
* 85W333	N	N	N	<10	N	300	15	70	N	N	N	N	N
* 85W338	N	N	N	<10	N	70	7	50	N	15	N	N	<10
* 85W340	N	N	N	<10	N	70	10	150	N	50	N	N	20
* 85W343	N	N	N	<10	N	100	N	50	N	15	N	N	N
* 85W349	N	N	N	<10	<5	70	<5	70	N	30	N	N	15
* 85W353	N	N	N	<10	N	50	N	100	N	30	N	N	15
* 85W354	N	N	N	<10	N	50	<5	70	N	30	N	N	N
A SNHM1	N	N	N	10	7	100	15	70	N	20	1,500	N	>1,000

TABLE 6.--ANALYSES OF ROCK SAMPLES, SOUTHERN WAH WAH MOUNTAINS--Continued

Sample	Sc-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	F-ppm si	U-inst
*=VOLCANIC ROCK; +=CHERT OR JASPEROID; #=CARBONATE ROCK; A=HIGHLY ALTERED--Continued											
* 85W299	N	20	N	50	N	300	N	--	--	1,100	8.10
* 85W300	N	15	N	100	N	150	N	--	--	2,300	2.40
* 85W302	N	15	N	70	N	150	N	--	--	2,600	3.10
* 85W303	N	10	N	70	N	200	N	--	--	2,000	3.20
* 85W305	N	10	N	50	N	200	100.00	--	--	2,000	3.80
A 85W314	N	20	N	50	N	200	N	--	--	1,500	3.10
* 85W321	N	10	N	10	N	300	<100.00	--	--	1,300	4.60
* 85W324	N	10	N	100	N	300	<100.00	--	--	600	5.50
* 85W325	N	15	N	70	N	200	N	--	--	700	4.60
* 85W327	N	10	N	100	N	300	100.00	--	--	2,200	5.20
* 85W330	N	15	N	100	N	300	<100.00	--	--	1,800	6.90
* 85W332	N	10	N	100	N	500	100.00	--	--	3,800	3.90
* 85W333	N	15	N	70	N	300	100.00	--	--	1,000	2.40
* 85W338	N	15	N	70	N	300	<100.00	--	--	2,100	3.80
* 85W340	N	<10	N	150	N	500	N	--	--	2,800	5.10
* 85W343	N	10	N	70	N	150	N	--	--	1,400	1.60
* 85W349	N	10	N	100	N	200	N	--	--	2,100	4.90
* 85W353	N	30	N	100	N	200	N	--	--	1,500	2.80
* 85W354	N	30	N	100	N	100	N	--	--	600	2.00
A SNHM1	N	15	<50	70	300	300	N	--	--	600	3.90