UNITED STATES DEPARTMENT OF INTERIOR

GEOLOGICAL SURVEY

Reconnaissance geochemical assessment of the Meadow Valley Mountains Bureau of Land Management Wilderness Study Area (NV-050-156), Lincoln and Clark Counties, Nevada

By

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Bureau of Land Management Wilderness Study Area

The Federal Land Policy and Managment Act (Public Law 94-579, October 21, 1976) requires the U.S. Geological Survey and the U.S. Bureau of Mines to conduct mineral surveys on certain areas to determine their mineral values. Results must be made available to the public and submitted to the President and to the Congress. This report presents the results of a mineral survey of the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada.

Executive Summary

The Meadow Valley Mountains Geology-Energy-Minerals (GEM) Resource Area (GRA) includes the Meadow Valley Mountains Wilderness Study Area (WSA) (NV 050-156). The GRA is located in south-central Lincoln County and extreme northern Clark County, Nevada, immediately east of U.S. Highway 93 (fig. 1).

Rocks of the Meadow Valley Mountains consist of 200- to 600-million-year-old sedimentary rocks in the south and 60-million-year-old and younger volcanic rocks in the north. The structure is typical of the Basin and Range province and is characterized by north-trending normal faults.

No patented claims or mining districts are located in the WSA. However, two unpatented claim groups, both believed to be staked for precious metals, are located in the WSA. One of these groups is a large block of about 100 lode claims, less than half of which are in the WSA on the western flank of the range adjacent to Kane Springs Wash. The other group consists of about 20 placer claims in the extreme southeastern corner of the WSA; this group is a part of a larger group of claims in the alluvial fans surrounding the Mormon Mountains to the east of the WSA. The only two reported nonmetallic deposits in the WSA are a perlite deposit in the north and a gypsum deposit in the south. Oil and gas leases cover all of the GRA; no geothermal leases exist in the WSA.

Stream-sediment and heavy-mineral-concentrate samples were collected and analyzed spectrographically by the U.S. Geological Survey. The results suggest that thorium and tin mineralization (areas M1 and M2) (fig. 2) occur in the extreme northern part of the WSA. Geochemical anomalies indicative of detrital mineral occurrences (area M8, chromium, lanthanum, and niobium) may exist along the east-central margin of the WSA. Epithermal or skarn-type mineralization, exhibiting the typical metallic suite of molybdenum, tungsten, arsenic, and antimony, may be present along the extreme southwestern border of the WSA (area M10). Barite veins may be present in area M5.

Introduction

The Meadow Valley Mountains Geology-Energy-Minerals (GEM) Resources area (GRA No. NV-26) comprises about 560 square miles in the southeastern portion of Lincoln County and the extreme northern part of Clark County, Nevada; the GRA is within the Bureau of Land Management Caliente Resource Area, Las Vegas district. This area includes the Meadow Valley Mountains Wilderness Study Area (NV 050-156). The town of Caliente is located about 15 miles north of the northern boundary of the WSA. (fig. 1).

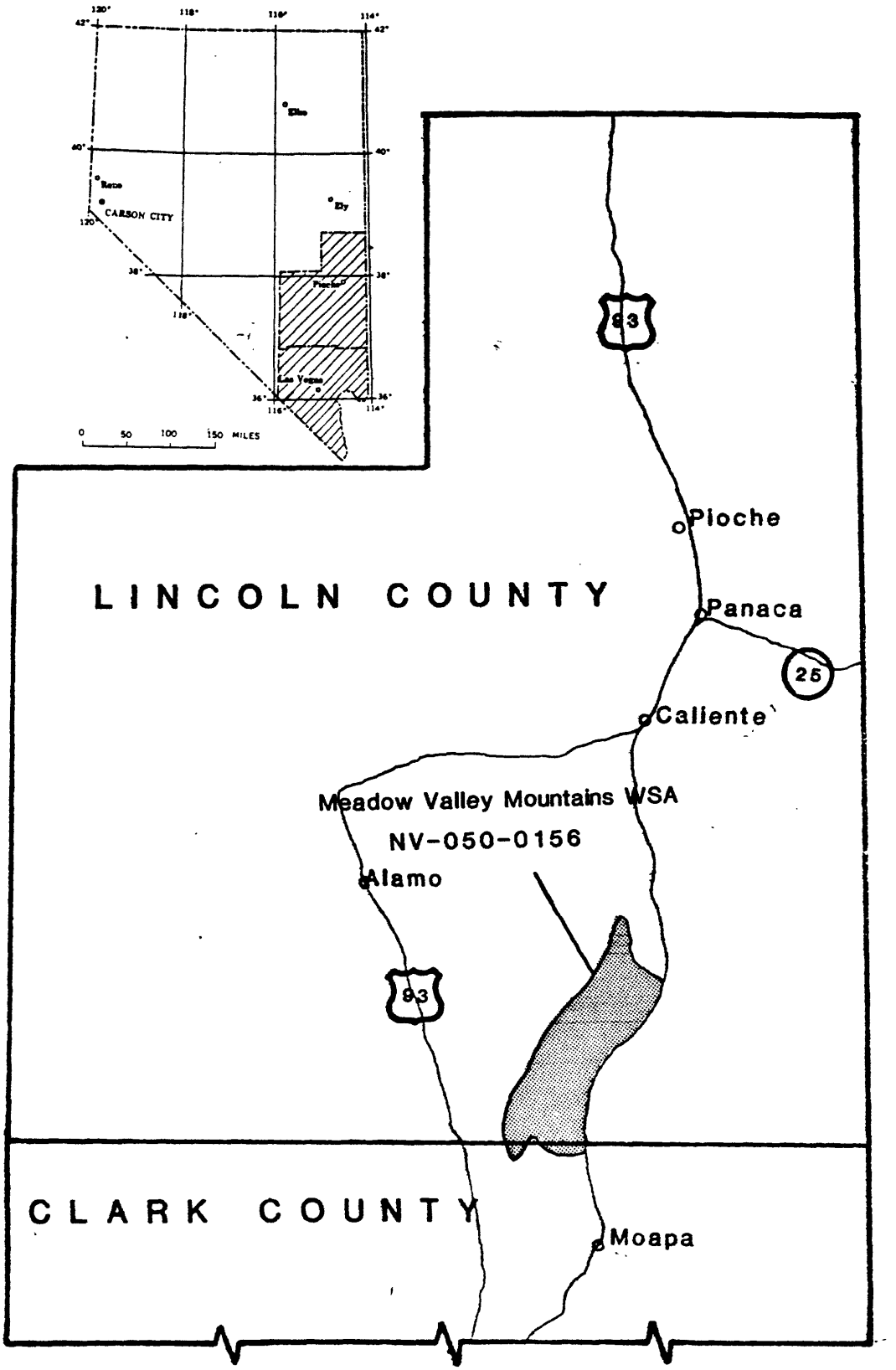


Figure 1.

Index map of the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

114°52'30"
114°22'30"

114°30'
37°22'30"

EXPLANATION OF MAP SYMBOL SUFFIXES

I. Level of Favorability

1. The geologic environment and the inferred geologic processes do not indicate favorability for accumulation of mineral resources.

2. The geologic environment and the inferred geologic processes indicate low favorability for accumulation of mineral resources.

3 The geologic environment, the inferred geologic processes, and the reported mineral occurrences or a valid geochemical/geophysical anomaly indicate moderate favorability for accumulation of mineral resources.

4. The geologic environment, the inferred geologic processes, the reported mineral occurrences, and/or a valid geochemical/geophysical anomaly, and the known mines or deposits indicate high favorability for accumulation of mineral resources.

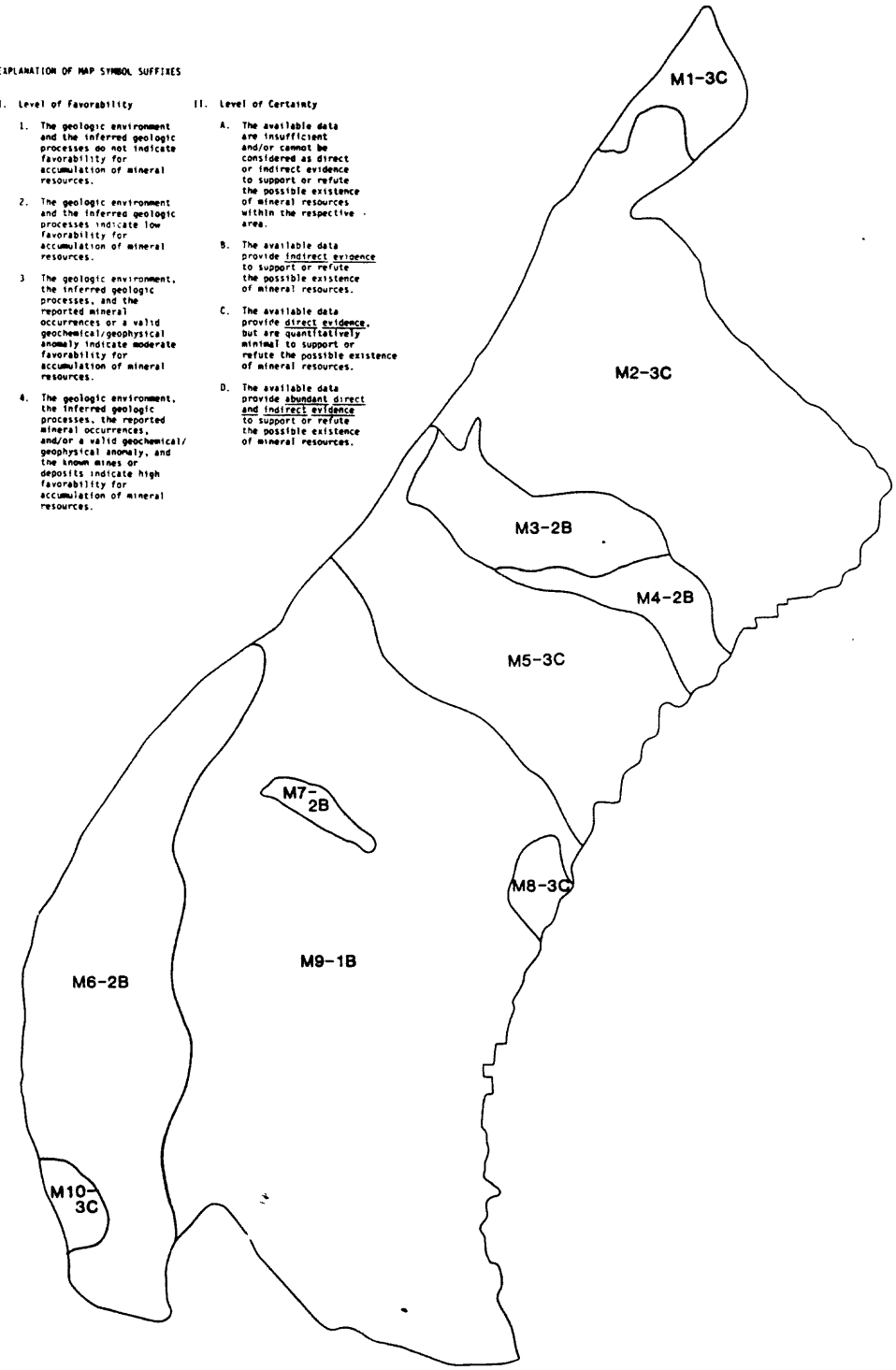
II. Level of Certainty

A. The available data are insufficient and/or cannot be considered as direct or indirect evidence to support or refute the possible existance of mineral resources within the respective area.

B. The available data provide indirect evidence to support or refute the possible existence of mineral resources.

C. The available data provide direct evidence, but are quantitatively minimal to support or refute the possible existence of mineral resources.

D. The available data provide abundant direct and indirect evidence to support or refute the possible existence of mineral resources.



36°45'
114°52'30"

36°45'
114°30'

As part of the Bureau of Land Management Phase II mineral resource evaluation of areas under consideration for wilderness classification, the U.S. Geological Survey collected a total of 329 stream-sediment samples, 302 heavy-mineral concentrates from stream-sediment samples, and 19 rock samples from outcrops during June 1983. These samples were analyzed for 31 elements by emission spectrography. The data were entered into the U.S. Geological Survey's RASS (Rock Analysis Storage System) data base. The data in this report were retrieved from RASS and converted to a binary form in order to facilitate analysis of the data, and allow rapid generation of histograms, percentiles, cumulative frequency curves, and machine plotting of the data. This report presents the analytical results and interpretation of these results and refers to earlier work done by other investigators.

The rocks exposed at the surface in the southern portion of the WSA are Paleozoic carbonates and Mesozoic clastic rocks, while in the northern part, the surface rocks are mostly covered by Tertiary ignimbrites, flows and tuffs (plate 1). The northeast-trending Kane Springs Wash normal fault forms an escarpment on the west side of the WSA. Subparallel thrust faults, cross faults, and minor normal faults also occur within the WSA (Bureau of Land Management, 1983). For a thorough review of the geology and mineral deposits of Lincoln County, see Tschanz and Pampeyan, 1970. Longwell and others (1970) describe the geology and mineral deposits of Clark County. The Bureau of Land Management (1983) presents a general overview of the physiography, geology, and paleontology of the WSA, as well as a discussion of mining activity in the area.

Sample Collection

Samples were collected at 329 sites (plate 2). At nearly all of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. Unaltered rock samples were collected at 19 outcrops. A total of 329 stream-sediment samples and 302 heavy-mineral-concentrate samples were analyzed, yielding a sampling density of approximately 0.5 samples sites per square mile for the stream-sediment and the heavy-mineral-concentrate samples.

Analyses of the stream-sediment and heavy-mineral-concentrate 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 drainage basins which contain concentrations of elements that may be related to mineral deposits.

The stream-sediment and heavy-mineral-concentrate 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 sites within an area that may extend as much as 100 ft. from the point plotted on the map.

The heavy-mineral-concentrate samples were collected from the same active alluvium as the stream-sediment samples. Each sample was sieved at the sample site through a 10-mesh (2-mm) screen to remove the coarse material.

Rock samples were collected from outcrops in the vicinity of the plotted sample site. All of the rock samples were collected from unaltered rock. Such samples provide information on elements in rocks that have not been affected by mineralization or alteration.

Sample Preparation

Stream-sediment samples

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

Heavy-mineral-concentrate samples

Each bulk heavy-mineral-concentrate sample was passed through a 10-mesh (2.0 mm) screen to remove the coarse material. The sediment passing through the screen was panned until most of the quartz, feldspar, organic material, and clay-sized material was removed. The samples were then oven-dried at 50°C.

After panning the sediment, bromoform (specific gravity, 2.8) was used to separate and remove the remaining quartz and feldspar from the heavy-mineral-concentrate samples. The heavy minerals (those with a specific gravity greater than 2.8) were separated into three fractions using an electromagnet (in this case, a modified Frantz Isodynamic Separator). The most magnetic material (largely magnetite) was discarded. The second fraction (largely ferromagnesian silicates and iron oxides) was saved for archival storage. The third fraction (the least magnetic material including nonmagnetic sulfide minerals, cassiterite, barite, zircon, sphene, etc.) was pulverized and saved for spectrographic 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

Rock samples were crushed and then pulverized to minus-0.15-mm.

Sample Analysis

All samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968) (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/grams) (Tables 3, 4, and 5). Due to contamination during analysis, Bi and Cu were deleted from both the stream sediment and rock data sets.

Rock Analysis Storage System

The analytical results were entered into a computer-based file called RASS (Rock Analysis Storage System). RASS 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).

Strategic and Critical Minerals

The Bureau of Land Management categorizes strategic metals as those listed for stockpiling and critical metals as those for which import reliance is 50% or more. The strategic and/or critical metals, tin and thorium, are found in the northern part of the WSA.

Land Classification System for G-E-M Resources Potential

Land classification areas have the prefix "M" and a numeric character starting with 1 (i.e. M1). The two-character suffix, also consisting of a numeric and an alpha character, signifies the Bureau of Land Management resource potential classification scheme (table 2). Land classifications have been made only for areas with metallic resource potential within the WSA (fig. 2 and plate 2). Land classifications for non-metallic minerals, oil and gas, and geothermal areas, as well as information on leasable and saleable resources, are found in the Phase I report (Bureau of Land Management, 1983).

Land Classifications for Mineral Resource Potential

The presence or absence of geochemical anomalies in the areas classified in this report (using the Bureau of Land Management classification scheme) has been determined by using a combination of visual inspection of the data, interpretation of cumulative frequency tables, percent frequency histograms, and spatial relationships of the data. Geochemical anomalies are clusters of anomalous concentrations of elements. Anomalous concentrations of an element are those concentrations that significantly exceed the normal background content of that element in a specific sample medium. The background content of an element is the normal range of concentration for that element, excluding mineralized samples, in a particular area (Levinson, 1974).

Metallic mineral resources

Area M2. This area covers a portion of the northern area of the WSA and has moderate potential for tin (classification 3C, table 2), in as much as favorable host rocks are believed to underlie much of this area (J. C. Antweiler and D. B. Smith, oral commun., 1984). These host rocks consist of a mid- to late-Tertiary sequence of welded vitric and crystalline tuffs, ignimbrite sequences, and basaltic flows, possibly intruded by mid-Tertiary(?) stocks and/or dikes of dioritic to alkalic composition (fig. 2 and plate 1). Samples containing anomalous concentrations of the strategic/critical metal tin were collected along the northern boundary of this area. At 23 sites, tin concentrations are greater than 2,000 parts per million (ppm) in the non-magnetic fractions of heavy-mineral concentrates and up to 20 ppm in the stream-sediment samples. These anomalous concentrations may be related to Tertiary(?) volcanism or may possibly represent a primary halo emanating from

a tin skarn, although no carbonate rocks are found at the surface in this area (Ovchinnikov and Grigoryan, 1971).

Areas M3 and M4. These areas are located in the northern half of the WSA and have low potential for carbonate-hosted base-metal deposits (class 2B). Paleozoic limestones and dolomites, which may be favorable for carbonate-hosted base metal deposits (Cox, 1983), are buried under Tertiary volcanics and Quaternary alluvium in these areas. Fracture systems within these carbonate rocks are possible ore controls, forming channels for mineralizing fluids. Permian red beds, which my be favorable host rocks for concentrations of detrital minerals (J. C. Antweiler, oral commun., 1984), are locally exposed in Area M4. Both areas exhibit base-metal occurrences. The first area contains a molybdenum anomaly (50-70 ppm in the non-magnetic fractions of the heavy-mineral concentrates at site 071); the second area contains a chromium anomaly (with anomalous concentrations of chromium ranging from 300 to 700 ppm in the same medium at sites 128-132). The chromium anomaly may be due to high background concentrations of chromium-bearing detrital minerals in the red beds. The Permian red beds form cliffs at many places along the east-central border of the WSA; for the most part, they are covered by Quaternary gravels. It seems likely that other chromium anomalies may exist in the red beds in the WSA, but the Quaternary gravel cover would tend to suppress any surficial expression of these proposed concentrations.

Area M5. This area cuts east-west through the center of the WSA and has moderate potential for resources of barium (class 3C). Tertiary volcanics and Quaternary alluvium cover most of this area. Tschanz and Pampeyan (1970) have reported barite veins in several mining districts about 40 miles (64 kilometers) north of the WSA, in the East Mormon Range east of the WSA, and in the Delamar mining district, about 30 miles (50 kilometers) west of the western border of the WSA. Pronounced barium anomalies with values of 3,000 to greater than 10,000 ppm in the non-magnetic fractions of the heavy-mineral-concentrate samples and ranging from 700 to 2,000 ppm in the stream-sediment samples are found at sites 058, 059, 084, 085, 086, 087, 093, 094, 096, 101, 316, 317, and 318, indicating the possibility of barite mineralization, probably as veins, associated with the Tertiary intrusive rocks in area M5.

Area M6. This area constitutes the southwestern margin of the WSA and has low potential for carbonate-hosted base-metal deposits (class 2B). The surface rocks are primarily highly fractured, lower Paleozoic limestones and dolomites (Tschanz and Pampeyan, 1970); in places, Tertiary volcanics and Quaternary gravels cover the older rocks. Although the Paleozoic rocks may be favorable hosts for mineralization (Cox, 1983), no significant geochemical anomalies were found in this area.

Area M7. This small area is located in the center of the WSA and has low potential for carbonate-hosted base-metal deposits (class 2B). This small area is underlain by Silurian and Devonian dolomites which can be favorable host rocks for mineralization. Samples from sites 50, 51, and 301 in this area contain anomalous concentrations of barium (1,000 ppm), arsenic (500 ppm), and lead (500 ppm); these values could be related to either base- or precious-metal mineralization.

Area M8. This area is located along the east-central border of the WSA and has low potential for detrital concentrations of chromium, lanthanum, and niobium (class 2C). Permian redbeds cover much of the area. Anomalous concentrations of chromium (300 ppm at sites 308 and 309), niobium (300 ppm at sites 309, 310, and 312), and tin (300 ppm at site 312) in the non-magnetic fractions of the heavy-mineral concentrates occur in this area. These concentrations may be indicative of a detrital heavy-mineral suite, derived from a Precambrian alkalic complex.

Area M9. This area covers most of the southern part of the WSA and has no recognized potential. The rocks in the western part of this area are mostly lower to middle Paleozoic limestones; the eastern part is covered by Quaternary gravels. Locally, Tertiary extrusive volcanic rocks cover the Paleozoic rocks. No anomalies have been found in this area.

Area M10. This area is located in the extreme southwestern corner of the WSA and has moderate potential for carbonate-hosted base-metal deposits (class 3C). The Kane Spring Wash fault and subsidiary faults that border the western edge of the WSA form ideal conduits for allowing mineralizing fluids to penetrate the adjacent limestones and dolomites. Undivided Tertiary volcanic rocks are found along the southern edge of this area.

The combination of structure and lithology have created an enironment favorable for hot springs deposits (Erickson, 1982). In the non-magnetic fractions of the heavy-mineral concentrates, anomalous concentrations of copper (up to 300 ppm), lead (up to 1,000 ppm), and zinc (up to 1,000 ppm), which are associated with a central zone of anomalous concentrations of molybdenum (up to 100 ppm) and tungsten (up to 200 ppm), occur in and peripheral to the area. Around the outer zone of anomalous base metals is a zone of anomalous concentrations of arsenic and antimony that may extend for several miles perpendicular to the trace of the Kane Springs Wash fault. These relationships are typical of a hot springs deposit.

Arsenic and antimony are highly mobile in alkaline groundwater (Rose and others, 1979). Due to their mobility, anomalous concentrations of arsenic and antimony are to be expected on the periphery of hydrothermal systems. Tertiary volcanics could be a source of the mineralizing fluids in area M10.

The anomalous values of tungsten, molybdenum, and base metals may, however, be related to a buried copper-molybdenum prophyry system or to a tungsten skarn. Hot springs deposits are sometimes found at the top of porphyry systems.

Uranium and thorium resources

Area M1. This area is in the extreme northern part of the WSA and has moderate potential for thorium (class 3C). Sediments derived from the Tertiary volcanics that outcrop in this area contain high thorium (1,000 to 2,000 ppm at sites 159, 161, 162, 163, 164, 166, 202, 203, 204, 205, 206, 207, 208, and 209) in the non-magnetic fractions of the heavy-mineral concentrates.

Anomalous thorium and yttrium concentrations are sometimes associated with highly differentiated phases of volcanic rocks, in the form of thorite, uranothorite, and yttrialite. High concentrations of thorium may occur in association with uranium mineralization.

Of particular interest are the analyses of the non-magnetic fractions of the heavy-mineral concentrates at sample sites 161, 162, and 163. Analytical values for these samples are 2,000 ppm and 5,000 ppm for thorium and yttrium, respectively. Thorite and/or alunite, barite, and fluorite are present at all three sample sites. The mineralogy and elemental associations of these samples are suggestive of hydrothermal activity that may have concentrated uranium/thorium minerals in the vicinity of alkalic dikes or stocks of Tertiary(?) age.

Recommendations for Additional Work

1. Detailed geologic mapping of the structure, lithology, and alteration, along with intensive rock sampling in the vicinity of area M10,

would establish whether or not the anomaly in this area is due to a hot springs deposit, a porphyry, or a skarn. Chemical analysis of these samples for gold, silver, molybdenum, fluorine, and tungsten, and mineralogical analysis for fluorite and primary alunite would also be useful.

2. Similar detailed mapping and analysis of samples from area M5 is needed to determine the nature of the barium anomaly.

3. Intensive rock sampling in the vicinity of area M8 and spectrographic analysis of these samples for chromium, lanthanum, and niobium may indicate an extension of this detrital heavy-mineral suite. Spectrographic analysis for chromium in the oxalic acid leachate of soil and stream-sediment samples, as well as mineralogical examination of the non-magnetic fractions of the heavy-mineral concentrates in this vicinity, may establish whether the chromium is associated with ferro-magnesian minerals or exists as a separate mineral species, such as chromite possibly derived from a Precambrian complex.

4. Mineral identification of the non-magnetic fraction of the heavy-mineral concentrates would confirm the identities of the mineral species responsible for the high thorium, yttrium, and antimony concentrations from area M10. Detailed mapping would confirm whether dike rocks or stocks that may be responsible for the thorium-yttrium signature typical of this area are present near the surface.

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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 two reporting units 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.--Land classification scheme for Bureau of Land Management Geology-Energy-Minerals Resources Areas resource potential

I. Level of Favorability	II. Level of Certainty
1. The geologic environment and the inferred geologic processes do not indicate favorability for accumulation of mineral resources.	A. The available data are insufficient and/or cannot be considerred as direct or indirect evidence to support or refute the possible existence of mineral resources within the respective area.
2. The geologic environment and the inferred geologic processes indicate low favorability for accumulation of mineral resources.	B. The available data provide indirect evidence to support or refute the possible existence of mineral resources.
3. The geologic environment, the inferred geologic processes, and the reported mineral occurrences or a valid geochemical/geophysical anomaly indicate moderate favorability for accumulation of mineral resources.	C. The available data provide direct evidence but are quantitatively minimal to support or refute the possible existence of mineral resources.
4. The geologic environment, the inferred geologic processes, the reported mineral occurrences, and/or a valid geochemical/geophysical anomaly, and the known mines or deposits indicate high favorability for accumulation of mineral resources.	D. The available data provide abundant direct and indirect evidence to support or refute the possible existence of mineral resources.

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

[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
MV001S	36 52 3	114 50 30	2	3.0	10.0	.2	500	N	N	N	10
MV002S	36 52 4	114 50 20	2	2.0	7.0	.3	500	N	N	N	20
MV003S	36 50 19	114 49 44	2	2.0	7.0	.3	500	N	N	N	20
MV004S	36 50 18	114 49 25	1	3.0	7.0	.3	300	N	N	N	15
MV005S	36 50 20	114 50 57	1	3.0	5.0	.2	300	N	N	N	20
MV006S	36 52 6	114 52 0	1	3.0	10.0	.1	200	N	N	N	15
MV007S	36 51 36	114 51 52	2	3.0	7.0	.2	300	N	N	N	20
MV008S	36 51 23	114 51 22	1	3.0	10.0	.3	300	N	N	N	10
MV009S	36 57 56	114 51 30	2	2.0	10.0	.3	500	N	N	N	20
MV010S	36 55 32	114 51 29	2	2.0	10.0	.3	500	N	N	N	20
MV011S	36 55 20	114 51 54	2	2.0	10.0	.3	300	N	N	N	20
MV012S	36 57 37	114 51 10	2	2.0	7.0	.3	500	N	N	N	30
MV013S	36 57 27	114 51 13	1	3.0	7.0	.1	300	N	N	N	10
MV014S	36 56 23	114 51 37	2	2.0	7.0	.5	700	N	N	N	50
MV015S	36 56 23	114 51 25	2	3.0	7.0	.3	300	N	N	N	15
MV016S	36 56 20	114 51 16	2	3.0	10.0	.2	300	N	N	N	10
MV017S	36 56 5	114 50 37	3	3.0	7.0	.3	700	N	N	N	30
MV018S	36 55 56	114 50 34	5	2.0	7.0	.5	700	N	N	N	50
MV019S	36 54 49	114 52 3	2	3.0	10.0	.2	300	N	N	N	30
MV020S	36 53 56	114 52 5	5	2.0	10.0	.5	1,000	N	N	N	30
MV021S	36 55 17	114 51 5	2	3.0	10.0	.5	500	N	N	N	50
MV022S	36 53 0	114 52 10	2	3.0	7.0	.2	500	N	N	N	50
MV023S	36 52 40	114 52 10	1	3.0	10.0	.1	500	N	N	N	30
MV024S	36 53 32	114 50 48	2	5.0	10.0	.2	500	N	N	N	70
MV025S	36 53 52	114 50 33	5	5.0	10.0	.5	700	N	N	N	70
MV026S	36 53 57	114 49 50	3	2.0	10.0	.5	700	N	N	N	70
MV027S	36 55 10	114 49 10	2	1.0	7.0	.7	700	N	N	N	100
MV028S	36 55 33	114 49 37	2	2.0	10.0	.5	700	N	N	N	70
MV029S	36 55 57	114 48 28	5	2.0	10.0	.7	700	N	N	N	100
MV030S	36 55 50	114 48 22	5	2.0	10.0	.7	700	N	N	N	100
MV031S	36 56 37	114 48 45	7	2.0	10.0	.7	700	N	N	N	100
MV032S	36 56 42	114 48 33	5	2.0	10.0	.7	1,000	N	N	N	70
MV033S	36 57 48	114 49 9	5	2.0	10.0	.5	700	N	N	N	150
MV034S	36 57 49	114 48 57	10	2.0	10.0	.7	1,000	N	N	N	150
MV035S	36 58 15	114 51 25	2	2.0	10.0	.3	700	N	N	N	100
MV036S	36 58 46	114 50 58	1	5.0	10.0	.2	300	N	N	N	20
MV037S	36 59 1	114 50 39	2	5.0	10.0	.1	500	N	N	N	50
MV038S	37 0 30	114 50 8	1	2.0	15.0	.1	500	N	N	N	20
MV039S	37 1 2	114 49 18	2	3.0	15.0	.2	500	N	N	N	20
MV040S	37 0 48	114 49 20	2	2.0	10.0	.3	700	N	N	N	50
MV041S	37 1 43	114 49 10	2	5.0	15.0	.2	700	N	N	N	30
MV042S	37 2 8	114 48 55	1	3.0	15.0	.1	200	N	N	N	20
MV043S	37 2 55	114 48 10	2	3.0	15.0	.2	500	N	N	N	70
MV044S	37 3 15	114 47 45	1	5.0	10.0	.1	200	N	N	N	10
MV045S	37 3 24	114 47 35	2	5.0	15.0	.2	200	N	N	N	10

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV001S	150	1	N	5	30	50	N	N	30	20	N
MV002S	200	1	N	5	20	50	N	N	10	50	N
MV003S	200	1	N	N	50	30	N	N	10	50	N
MV004S	100	1	N	N	20	20	N	N	20	30	N
MV005S	100	1	N	N	20	20	N	N	10	50	N
MV006S	100	1	N	N	10	20	N	N	10	20	N
MV007S	200	1	N	N	20	20	N	N	50	50	N
MV008S	100	1	N	N	20	20	N	N	10	50	N
MV009S	200	1	N	N	30	30	N	N	15	50	N
MV010S	200	1	N	N	20	20	N	N	10	50	N
MV011S	200	2	N	N	30	20	N	N	20	30	N
MV012S	300	1	N	5	30	20	N	N	15	50	N
MV013S	100	<1	N	N	20	20	N	N	10	70	N
MV014S	200	2	N	10	20	50	N	N	15	50	N
MV015S	100	1	N	N	10	20	N	N	10	50	N
MV016S	200	1	N	N	20	20	N	N	15	50	N
MV017S	200	2	N	N	15	150	N	N	15	70	N
MV018S	300	2	N	10	50	150	N	<20	10	70	N
MV019S	100	1	N	5	50	20	N	N	10	50	N
MV020S	200	1	N	5	30	70	N	<20	5	10	N
MV021S	200	1	N	5	30	20	N	N	10	50	N
MV022S	200	1	N	5	50	20	N	N	10	70	N
MV023S	100	1	N	5	30	20	N	N	10	70	N
MV024S	100	<1	N	5	30	20	N	N	10	30	N
MV025S	200	1	N	5	30	20	N	N	10	50	N
MV026S	300	1	N	5	50	100	N	N	10	50	N
MV027S	500	1	N	10	30	50	N	N	10	50	N
MV028S	200	1	N	5	20	50	N	N	15	50	N
MV029S	500	1	N	10	50	50	N	N	15	70	N
MV030S	500	1	N	10	50	100	N	N	15	50	N
MV031S	500	1	N	10	50	100	N	N	15	50	N
MV032S	500	1	N	10	30	50	N	<20	10	70	N
MV033S	500	1	N	10	50	50	N	<20	15	50	N
MV034S	500	1	N	20	70	70	N	<20	20	50	N
MV035S	500	1	N	10	20	20	N	N	15	50	N
MV036S	100	<1	N	5	30	N	N	N	10	50	N
MV037S	200	1	N	5	50	N	N	N	10	70	N
MV038S	200	1	N	5	30	N	N	N	10	50	N
MV039S	200	1	N	5	30	N	N	N	20	50	N
MV040S	300	1	N	10	30	N	N	N	10	30	N
MV041S	200	1	N	10	50	N	N	N	10	70	N
MV042S	100	<1	N	N	20	N	N	N	10	20	N
MV043S	300	1	N	5	50	N	N	N	10	50	N
MV044S	100	<1	N	N	20	N	N	N	5	10	N
MV045S	100	<1	N	5	30	N	N	N	5	20	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

Sample	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
MV001S	5	N	200	50	N	10	N	100	N
MV002S	5	N	200	100	N	15	N	200	N
MV003S	5	N	200	100	N	20	N	200	N
MV004S	5	N	100	50	N	15	N	200	N
MV005S	5	N	100	50	N	15	N	100	N
MV006S	5	N	100	30	N	10	N	50	N
MV007S	5	N	200	50	N	20	N	150	N
MV008S	5	N	200	70	N	15	N	150	N
MV009S	5	N	200	70	N	20	N	200	N
MV010S	5	N	200	70	N	20	N	150	N
MV011S	5	N	200	50	N	20	N	150	N
MV012S	5	N	200	50	N	20	N	200	N
MV013S	5	N	200	20	N	10	N	50	N
MV014S	10	N	100	70	N	20	N	200	N
MV015S	5	N	200	50	N	15	N	150	N
MV016S	5	N	200	50	N	10	N	150	N
MV017S	5	N	200	50	N	20	N	200	N
MV018S	5	N	200	70	N	50	N	500	N
MV019S	5	N	200	50	N	10	N	70	N
MV020S	7	N	200	200	N	30	N	300	N
MV021S	5	N	200	70	N	20	N	200	N
MV022S	5	N	200	50	N	20	N	200	N
MV023S	5	N	100	50	N	15	N	150	N
MV024S	5	N	100	70	N	15	N	500	N
MV025S	5	N	100	100	N	10	N	200	N
MV026S	5	N	200	100	N	30	N	200	N
MV027S	5	N	200	100	N	30	N	500	N
MV028S	5	N	200	100	N	15	N	200	N
MV029S	10	N	200	100	N	20	N	300	N
MV030S	7	N	200	100	N	20	N	500	N
MV031S	10	N	200	200	N	20	N	200	N
MV032S	10	N	200	200	N	30	N	200	N
MV033S	7	N	200	100	N	20	N	200	N
MV034S	10	N	500	200	N	30	N	500	N
MV035S	7	N	200	100	N	20	N	200	N
MV036S	5	N	100	20	N	10	N	200	N
MV037S	5	N	200	50	N	20	N	200	N
MV038S	5	N	100	30	N	15	N	150	N
MV039S	5	N	100	30	N	15	N	200	N
MV040S	5	N	200	50	N	20	N	300	N
MV041S	5	N	100	50	N	15	N	300	N
MV042S	5	N	100	30	N	10	N	70	N
MV043S	5	N	200	50	N	20	N	200	N
MV044S	5	N	100	20	N	10	N	100	N
MV045S	5	N	100	50	N	10	N	200	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV046S	37 3 44	114 47 1	3	2.0	10.0	.3	700	N	N	N	50
MV047S	37 4 5	114 45 45	3	1.0	3.0	.7	700	N	N	N	70
MV048S	37 3 56	114 45 46	3	.7	2.0	.5	700	N	N	N	50
MV049S	37 3 52	114 45 58	3	1.0	3.0	.5	500	N	N	N	30
MV050S	37 0 38	114 45 30	1	3.0	10.0	.2	300	N	N	N	20
MV051S	37 0 45	114 45 21	2	3.0	7.0	.3	300	N	N	N	20
MV052S	37 2 6	114 45 51	1	3.0	5.0	.1	300	N	N	N	10
MV053S	37 1 40	114 46 2	2	2.0	10.0	.1	300	N	N	N	30
MV054S	37 1 50	114 45 58	1	2.0	5.0	.2	300	N	N	N	30
MV055S	37 2 24	114 45 47	2	1.0	2.0	.3	500	N	N	N	50
MV056S	37 2 28	114 45 39	1	2.0	5.0	.2	300	N	N	N	20
MV057S	37 5 13	114 45 17	5	1.0	3.0	.5	700	N	N	N	30
MV058S	37 5 36	114 44 47	2	2.0	5.0	.5	500	N	N	N	30
MV059S	37 5 46	114 44 33	2	2.0	7.0	.5	500	N	N	N	30
MV060S	37 5 53	114 43 7	2	.7	1.0	.7	500	N	N	N	30
MV061S	37 6 33	114 43 3	2	1.0	3.0	.7	500	N	N	N	70
MV062S	37 7 3	114 42 25	2	1.0	1.0	.5	500	N	N	N	50
MV063S	37 5 14	114 42 50	2	.7	2.0	.5	500	N	N	N	30
MV064S	37 4 50	114 43 10	5	1.0	2.0	.7	700	N	N	N	50
MV065S	37 4 58	114 43 7	2	1.0	2.0	.7	500	N	N	N	50
MV066S	37 6 38	114 38 57	2	.3	.5	.5	700	N	N	N	30
MV067S	37 6 45	114 38 55	2	.2	.5	.2	1,000	N	N	N	30
MV068S	37 6 31	114 38 52	3	.5	.7	.7	1,500	N	N	N	50
MV069S	37 6 47	114 38 25	2	.5	1.0	.5	500	N	N	N	50
MV070S	37 6 52	114 38 15	2	1.0	2.0	.5	500	N	N	N	50
MV071S	37 5 57	114 38 48	5	.5	1.0	.7	1,000	N	N	N	30
MV072S	37 6 3	114 38 13	5	1.0	2.0	.7	1,500	N	N	N	50
MV073S	37 6 6	114 38 6	7	.2	2.0	1.0	1,000	N	N	N	50
MV074S	37 5 23	114 37 44	2	.2	2.0	.2	700	N	N	N	30
MV075S	37 5 14	114 41 27	2	.5	1.0	.5	700	N	N	N	50
MV076S	37 6 5	114 40 35	2	.5	.5	.5	700	N	N	N	50
MV077S	37 5 30	114 42 9	2	1.0	2.0	.2	700	N	N	N	70
MV078S	37 3 35	114 41 30	2	2.0	5.0	.5	700	N	N	N	70
MV079S	37 3 38	114 41 25	5	1.0	5.0	.7	1,000	N	N	N	50
MV080S	37 5 52	114 40 41	5	1.0	2.0	1.0	700	N	N	N	70
MV081S	37 6 0	114 40 42	5	.7	1.0	.5	700	N	N	N	70
MV082S	37 3 1	114 41 36	5	1.0	3.0	.5	700	N	N	N	70
MV083S	37 3 6	114 41 31	1	.2	3.0	.2	200	N	N	N	50
MV084S	37 3 56	114 41 1	5	2.0	5.0	.7	1,000	N	N	N	50
MV085S	37 4 0	114 40 35	7	2.0	10.0	1.0	1,000	N	N	N	100
MV086S	37 3 23	114 39 46	2	2.0	10.0	.5	700	N	N	N	70
MV087S	37 3 17	114 39 21	2	1.0	5.0	.5	500	N	N	N	50
MV088S	37 6 55	114 40 41	5	.5	.5	1.0	1,000	N	N	N	50
MV089S	37 6 55	114 40 35	5	.2	.5	.7	1,000	N	N	N	50
MV090S	37 5 23	114 39 23	5	.2	.5	.7	700	N	N	N	50

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV046S	500	1	N	15	50	N	N	N	15	50	N
MV047S	500	7	N	15	50	100	N	<20	20	70	N
MV048S	500	10	N	10	20	100	N	20	5	70	N
MV049S	100	1	N	5	20	100	N	N	5	10	N
MV050S	100	<1	N	5	30	N	N	N	5	30	N
MV051S	100	1	N	5	20	150	N	N	10	50	N
MV052S	100	1	N	N	10	N	N	N	10	50	N
MV053S	200	1	N	7	30	N	N	N	15	70	N
MV054S	300	1	N	5	20	20	N	N	15	50	N
MV055S	200	2	N	10	20	20	N	N	10	50	N
MV056S	150	2	N	5	20	N	N	N	10	50	N
MV057S	500	2	N	20	50	50	N	N	20	30	N
MV058S	700	2	N	10	70	20	N	N	20	50	N
MV059S	700	1	N	5	30	20	N	N	20	50	N
MV060S	200	3	N	10	20	20	N	<20	10	70	N
MV061S	200	1	N	10	70	30	N	N	30	30	N
MV062S	200	7	N	5	20	100	N	<20	10	70	N
MV063S	150	7	N	5	15	50	N	20	10	50	N
MV064S	500	2	N	15	50	50	N	N	30	30	N
MV065S	500	3	N	10	30	20	N	N	30	30	N
MV066S	100	7	N	5	10	70	N	50	10	70	N
MV067S	200	7	N	5	10	100	N	30	5	50	N
MV068S	200	3	N	5	15	1,000	N	70	5	70	N
MV069S	300	2	N	10	50	50	N	20	5	30	N
MV070S	500	2	N	10	20	100	N	20	5	50	N
MV071S	200	5	N	10	20	200	N	70	5	30	N
MV072S	300	5	N	10	50	200	N	70	5	50	N
MV073S	200	2	N	15	50	200	N	70	20	50	N
MV074S	200	2	N	10	20	50	N	20	5	30	N
MV075S	200	7	N	5	30	200	N	50	20	70	N
MV076S	100	5	N	5	20	200	N	30	5	50	N
MV077S	200	7	N	5	30	70	N	20	10	100	N
MV078S	500	2	N	15	30	100	N	N	15	70	N
MV079S	500	2	N	15	50	100	N	20	20	70	N
MV080S	500	2	N	15	30	100	N	20	15	50	N
MV081S	200	3	N	10	30	100	N	20	15	70	N
MV082S	500	2	N	15	50	100	N	<20	30	70	N
MV083S	200	1	N	15	15	20	N	N	15	10	N
MV084S	1,000	2	N	20	70	100	N	N	20	50	N
MV085S	2,000	2	N	20	30	200	N	<20	20	70	N
MV086S	700	2	N	15	50	50	N	N	20	100	N
MV087S	500	1	N	5	30	20	N	N	10	20	N
MV088S	100	7	N	5	20	200	N	100	10	70	N
MV089S	100	5	N	5	30	500	N	100	10	70	N
MV090S	200	5	N	5	30	200	N	50	10	70	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV046S	5	N	100	50	N	20	N	200	N
MV047S	10	N	500	200	N	50	N	1,000	N
MV048S	5	N	200	100	N	50	<200	300	N
MV049S	5	N	100	70	N	20	N	300	N
MV050S	5	N	100	20	N	10	N	200	N
MV051S	5	N	100	300	N	20	N	300	N
MV052S	5	N	100	100	N	10	N	150	N
MV053S	5	N	100	200	N	15	N	200	N
MV054S	5	N	200	150	N	20	N	200	N
MV055S	7	N	200	300	N	30	N	300	N
MV056S	5	N	200	200	N	30	N	200	N
MV057S	10	N	300	500	N	50	N	300	N
MV058S	10	N	200	200	N	20	N	300	N
MV059S	5	N	200	200	N	20	N	200	N
MV060S	5	N	200	700	N	50	N	1,000	N
MV061S	10	N	200	300	N	30	N	300	N
MV062S	5	N	200	300	N	50	N	300	N
MV063S	5	N	150	300	N	100	N	300	N
MV064S	5	N	200	500	N	30	N	500	N
MV065S	5	N	200	300	N	30	N	300	N
MV066S	5	<10	100	700	N	70	N	1,000	N
MV067S	5	N	N	20	N	50	<200	500	N
MV068S	10	<10	100	50	N	100	200	1,000	N
MV069S	5	N	100	100	N	50	N	500	N
MV070S	5	N	100	100	N	50	N	500	N
MV071S	5	N	100	50	N	50	N	500	N
MV072S	10	N	200	50	N	100	N	1,000	N
MV073S	10	N	100	150	N	70	N	>1,000	N
MV074S	10	N	300	50	N	30	<200	200	N
MV075S	5	N	100	30	N	100	N	700	N
MV076S	5	N	100	50	N	50	N	700	N
MV077S	5	20	200	50	N	100	N	300	N
MV078S	10	N	200	70	N	30	N	200	N
MV079S	10	N	300	150	N	50	N	700	N
MV080S	10	N	300	150	N	50	N	700	N
MV081S	10	N	300	100	N	70	N	500	N
MV082S	10	N	300	100	N	50	N	500	N
MV083S	5	N	300	50	N	20	N	200	N
MV084S	15	N	500	200	N	30	N	500	N
MV085S	15	N	500	200	N	50	N	700	N
MV086S	10	N	500	100	N	30	N	300	N
MV087S	10	N	200	100	N	20	N	500	N
MV088S	10	N	N	50	N	100	200	>1,000	N
MV089S	10	N	N	30	N	100	<200	>1,000	N
MV090S	10	N	100	50	N	100	N	>1,000	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV091S	37 5 29	114 39 24	5	.5	.5	.7	1,000	N	N	N	30
MV092S	37 3 47	114 39 7	2	1.0	5.0	.7	700	N	N	N	50
MV093S	37 3 49	114 39 3	5	1.0	5.0	.7	700	N	N	N	100
MV094S	37 4 12	114 38 26	2	1.0	5.0	.7	700	N	N	N	70
MV095S	37 5 46	114 38 38	3	.5	1.0	.7	1,000	N	N	N	30
MV096S	37 4 7	114 37 37	7	2.0	20.0	.7	2,000	N	N	N	50
MV097S	37 1 14	114 38 14	2	1.0	3.0	.7	700	N	N	N	70
MV098S	37 1 16	114 38 5	3	1.0	5.0	.7	700	N	N	N	30
MV099S	37 1 11	114 38 24	3	1.0	3.0	.5	700	N	N	N	30
MV100S	37 2 6	114 37 52	5	1.0	3.0	.7	700	N	N	N	30
MV101S	37 2 18	114 37 40	2	.5	2.0	.3	500	N	N	N	20
MV102S	37 7 26	114 38 12	2	.2	.5	.2	500	N	N	N	10
MV103S	37 7 25	114 37 55	5	1.0	1.0	.7	700	N	N	N	10
MV104S	37 1 7	114 39 29	2	.5	1.0	.3	500	N	N	N	10
MV105S	37 1 12	114 39 26	3	.7	2.0	.3	500	N	N	N	10
MV106S	37 0 26	114 39 26	1	1.0	2.0	.2	500	N	N	N	15
MV107S	37 0 46	114 40 34	2	.7	2.0	.3	500	N	N	N	15
MV108S	37 1 27	114 41 51	1	1.0	2.0	.2	200	N	N	N	15
MV109S	37 1 30	114 41 50	2	1.0	2.0	.3	500	N	N	N	20
MV110S	37 0 10	114 40 49	1	2.0	3.0	.2	200	N	N	N	15
MV111S	37 1 15	114 42 21	2	2.0	3.0	.3	500	N	N	N	10
MV112S	37 1 24	114 42 19	2	2.0	2.0	.2	200	N	N	N	10
MV113S	37 1 8	114 42 55	1	2.0	3.0	.2	500	N	N	N	20
MV114S	37 0 38	114 43 27	2	2.0	3.0	.3	500	N	N	N	15
MV115S	37 4 23	114 43 18	2	1.0	1.0	.3	500	N	N	N	20
MV116S	37 3 43	114 43 26	1	1.0	2.0	.1	300	N	N	N	10
MV117S	37 3 18	114 43 28	1	3.0	10.0	.2	200	N	N	N	15
MV118S	37 2 49	114 43 37	1	3.0	10.0	.2	200	N	N	N	10
MV119S	37 2 25	114 43 51	1	3.0	10.0	.2	200	N	N	N	20
MV120S	37 2 16	114 44 0	2	1.0	7.0	.5	700	N	N	N	50
MV121S	37 1 28	114 44 53	5	2.0	10.0	.7	700	N	N	N	50
MV122S	37 1 35	114 44 50	7	2.0	5.0	.7	500	N	N	N	30
MV123S	37 1 54	114 44 14	1	2.0	10.0	.2	500	N	N	N	20
MV124S	37 0 43	114 44 37	2	3.0	10.0	.2	500	N	N	N	20
MV125S	37 5 46	114 37 57	15	.5	2.0	>1.0	2,000	N	N	N	30
MV126S	37 5 13	114 37 14	10	2.0	2.0	1.0	1,500	N	N	N	20
MV127S	37 5 18	114 36 53	7	2.0	2.0	.7	1,000	N	N	N	30
MV128S	37 5 16	114 36 49	2	1.0	5.0	.5	1,000	N	N	N	50
MV129S	37 4 50	114 36 44	3	1.0	5.0	.7	1,000	N	N	N	30
MV130S	37 5 5	114 36 20	2	1.0	2.0	.5	700	N	N	N	30
MV131S	37 4 37	114 36 22	3	1.0	5.0	.7	1,000	N	N	N	30
MV132S	37 4 42	114 36 6	7	2.0	5.0	.7	1,000	N	N	N	30
MV133S	37 5 7	114 35 53	15	2.0	2.0	>1.0	5,000	N	N	N	50
MV134S	37 4 55	114 35 25	7	2.0	3.0	1.0	1,000	N	N	N	50
MV135S	37 5 10	114 35 0	7	1.0	3.0	1.0	1,000	N	N	N	50

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV091S	200	5	N	5	15	200	N	50	10	70	N
MV092S	500	2	N	15	30	200	N	<20	10	70	N
MV093S	700	2	N	15	70	50	N	N	30	20	N
MV094S	700	2	N	15	30	20	N	N	10	70	N
MV095S	200	5	N	5	15	500	N	70	5	50	N
MV096S	2,000	2	N	20	100	500	N	N	100	70	N
MV097S	500	2	N	10	30	100	N	N	5	50	N
MV098S	500	2	N	10	30	100	N	<20	5	50	N
MV099S	500	2	N	15	30	50	N	N	10	50	N
MV100S	500	2	N	15	50	200	N	<20	30	70	N
MV101S	100	1	N	5	20	20	N	N	5	10	N
MV102S	50	2	N	5	10	100	N	<20	5	10	N
MV103S	150	1	N	15	70	70	N	<20	30	10	N
MV104S	150	1	N	10	20	30	N	N	10	10	N
MV105S	150	1	N	10	50	50	N	<20	10	10	N
MV106S	150	1	N	5	10	20	N	N	10	20	N
MV107S	100	1	N	10	30	20	N	<20	15	15	N
MV108S	100	1	N	5	20	N	N	<20	10	10	N
MV109S	150	1	N	5	50	20	N	N	10	10	N
MV110S	150	1	N	5	20	20	N	<20	15	20	N
MV111S	150	<1	N	5	20	20	N	N	10	20	N
MV112S	100	N	N	5	20	N	N	N	10	10	N
MV113S	150	1	N	5	20	20	N	N	10	20	N
MV114S	150	<1	N	10	30	20	N	N	15	20	N
MV115S	150	3	N	5	20	30	N	<20	10	20	N
MV116S	150	2	N	5	10	20	N	N	5	20	N
MV117S	500	<1	N	N	20	N	N	N	10	30	N
MV118S	100	<1	N	N	20	N	N	N	10	30	N
MV119S	100	1	N	N	30	N	N	N	10	20	N
MV120S	300	1	N	10	50	N	N	N	20	30	N
MV121S	500	1	N	10	50	50	N	N	20	30	N
MV122S	300	N	N	20	70	100	N	<20	20	50	N
MV123S	200	N	N	N	20	N	N	N	10	30	N
MV124S	200	<1	N	N	50	N	N	N	10	50	N
MV125S	150	1	N	30	70	1,000	N	70	20	20	N
MV126S	500	1	N	30	70	100	N	<20	30	30	N
MV127S	500	1	N	10	50	50	N	<20	20	50	N
MV128S	500	2	N	10	20	50	N	N	15	70	N
MV129S	500	1	N	20	50	50	N	N	20	50	N
MV130S	500	2	N	10	20	100	N	<20	10	70	N
MV131S	700	1	N	20	50	50	N	N	10	50	N
MV132S	700	1	N	20	50	50	N	N	20	70	N
MV133S	300	N	N	50	100	300	N	<20	50	30	N
MV134S	700	1	N	20	100	50	N	<20	50	70	N
MV135S	700	5	N	15	50	150	N	50	15	70	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV091S	10	N	100	50	N	100	N	>1,000	N
MV092S	10	N	500	70	N	50	N	700	N
MV093S	15	N	500	100	N	30	N	500	N
MV094S	10	N	500	100	N	20	N	500	N
MV095S	10	N	300	70	N	100	N	1,000	N
MV096S	20	N	1,000	200	N	50	N	300	N
MV097S	10	N	500	70	N	20	N	500	N
MV098S	10	N	500	100	N	30	N	700	N
MV099S	10	N	500	100	N	20	N	300	N
MV100S	10	N	500	100	N	30	N	1,000	N
MV101S	5	N	100	100	N	15	N	200	N
MV102S	5	N	N	10	N	30	N	300	N
MV103S	10	N	100	100	N	30	N	300	N
MV104S	5	N	100	70	N	15	N	200	N
MV105S	5	N	100	100	N	15	N	500	N
MV106S	5	N	100	50	N	10	N	200	N
MV107S	5	N	100	70	N	15	N	200	N
MV108S	5	N	100	20	N	10	N	200	N
MV109S	5	N	100	70	N	10	N	200	N
MV110S	5	N	100	30	N	10	N	100	N
MV111S	5	N	100	50	N	10	N	100	N
MV112S	5	N	100	30	N	10	N	100	N
MV113S	5	N	150	30	N	15	N	150	N
MV114S	5	N	100	100	N	15	N	200	N
MV115S	5	N	100	30	N	20	N	200	N
MV116S	5	N	100	20	N	30	N	70	N
MV117S	N	N	N	30	N	10	N	100	N
MV118S	N	N	N	30	N	10	N	100	N
MV119S	5	N	100	50	N	10	N	300	N
MV120S	7	N	200	50	N	15	N	300	N
MV121S	7	N	300	150	N	30	N	300	N
MV122S	10	N	200	150	N	30	N	500	N
MV123S	5	N	100	50	N	10	N	100	N
MV124S	5	N	100	50	N	20	N	200	N
MV125S	10	N	100	300	N	100	N	>1,000	N
MV126S	15	N	300	200	N	50	N	700	N
MV127S	10	N	200	100	N	30	N	500	N
MV128S	5	N	200	70	N	20	N	300	N
MV129S	10	N	500	150	N	20	N	300	N
MV130S	5	N	500	70	N	30	N	300	N
MV131S	10	N	500	200	N	20	N	300	N
MV132S	7	N	500	150	N	20	N	300	N
MV133S	10	N	500	1,000	N	70	N	1,000	N
MV134S	10	N	500	150	N	20	N	500	N
MV135S	10	N	500	150	N	100	N	>1,000	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV136S	37 4 36	114 33 39	5	2.0	5.0	.7	1,000	N	N	N	200
MV137S	37 4 37	114 33 33	5	1.0	5.0	.7	1,000	N	N	N	50
MV138S	37 5 43	114 35 49	7	1.0	2.0	.7	1,000	N	N	N	100
MV139S	37 5 14	114 34 11	10	2.0	7.0	1.0	1,000	N	N	N	70
MV140S	37 5 15	114 34 3	5	2.0	7.0	1.0	1,000	N	N	N	70
MV141S	37 6 3	114 34 19	5	2.0	10.0	.7	1,000	N	N	N	70
MV142S	37 6 8	114 34 19	10	2.0	5.0	1.0	2,000	N	N	N	50
MV143S	37 7 3	114 34 25	5	2.0	5.0	.7	1,000	N	N	N	100
MV144S	37 7 4	114 34 30	3	1.0	3.0	.7	1,000	N	N	N	70
MV145S	37 5 25	114 33 20	5	1.0	5.0	1.0	1,000	N	N	N	70
MV146S	37 5 27	114 33 15	2	1.0	5.0	.7	700	N	N	N	70
MV147S	37 6 42	114 33 16	2	2.0	2.0	.7	1,000	N	N	N	50
MV148S	37 6 44	114 33 12	2	1.0	5.0	.7	500	N	N	N	50
MV149S	37 7 12	114 34 25	7	2.0	5.0	1.0	1,000	N	N	N	70
MV150S	37 6 20	114 32 31	5	1.0	5.0	.7	700	N	N	N	100
MV151S	37 7 17	114 32 9	5	1.0	3.0	.7	700	N	N	N	30
MV152S	37 7 17	114 32 4	3	1.0	3.0	.7	500	N	N	N	30
MV153S	37 6 53	114 31 1	7	1.0	3.0	1.0	700	N	N	N	30
MV154S	37 6 53	114 30 56	5	1.0	3.0	.7	700	N	N	N	30
MV155S	37 5 47	114 31 47	2	1.0	5.0	.5	500	N	N	N	50
MV156S	37 5 44	114 31 44	15	1.0	2.0	1.0	2,000	N	N	N	50
MV157S	37 5 6	114 32 6	2	1.0	5.0	.5	500	N	N	N	30
MV158S	37 5 7	114 32 2	2	1.0	5.0	.7	500	N	N	N	30
MV159S	37 16 52	114 33 48	3	1.0	2.0	.7	1,000	N	N	N	20
MV160S	37 16 8	114 33 27	2	.5	.3	.5	700	N	N	N	30
MV161S	37 15 34	114 33 34	5	.7	.5	.5	1,000	N	N	N	50
MV162S	37 15 38	114 33 32	5	.7	.5	.5	1,000	N	N	N	50
MV163S	37 15 32	114 33 7	5	.2	.2	.5	1,000	N	N	N	30
MV164S	37 15 3	114 32 28	2	.3	.5	.5	700	N	N	N	50
MV165S	37 14 35	114 33 40	2	.2	.2	.2	700	N	N	N	30
MV166S	37 14 15	114 34 3	2	.7	1.0	.7	700	N	N	N	70
MV167S	37 14 47	114 34 24	2	.1	.2	.7	700	N	N	N	20
MV168S	37 14 15	114 34 46	2	.2	.5	.7	700	N	N	N	50
MV169S	37 13 24	114 34 36	3	.5	.5	.2	700	N	N	N	30
MV170S	37 14 10	114 35 16	3	.3	.5	.3	500	N	N	N	30
MV171S	37 14 12	114 35 13	2	.2	.5	.3	700	N	N	N	30
MV172S	37 13 53	114 35 31	2	.2	.5	.3	1,000	N	N	N	20
MV173S	37 13 18	114 36 20	3	.5	1.0	.5	700	N	N	N	30
MV174S	37 13 25	114 36 17	3	.5	1.0	.7	1,000	N	N	N	20
MV175S	37 12 19	114 35 35	2	.7	1.0	.3	500	N	N	N	30
MV176S	37 12 5	114 36 51	2	.5	.5	.2	700	N	N	N	20
MV177S	37 12 6	114 36 48	3	1.0	1.0	.5	700	N	N	N	50
MV178S	37 11 43	114 34 44	3	.7	1.0	.3	700	N	N	N	30
MV179S	37 11 24	114 35 25	3	1.0	1.0	.3	500	N	N	N	30
MV180S	37 11 27	114 35 15	3	1.0	2.0	.5	700	N	N	N	70

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV136S	700	7	N	15	30	150	N	50	15	150	N
MV137S	700	7	N	15	50	100	N	<20	20	70	N
MV138S	700	7	N	15	50	100	N	20	20	70	N
MV139S	1,000	10	N	20	70	200	N	20	30	70	N
MV140S	500	2	N	15	70	200	N	<20	20	70	N
MV141S	1,000	2	N	20	70	100	N	<20	30	100	N
MV142S	700	2	N	30	70	200	N	20	30	70	N
MV143S	700	2	N	15	70	100	N	<20	30	100	N
MV144S	700	2	N	10	20	100	N	<20	20	50	N
MV145S	700	2	N	10	70	100	N	<20	20	70	N
MV146S	700	2	N	10	30	70	N	<20	10	70	N
MV147S	500	2	N	10	30	70	N	<20	10	70	N
MV148S	500	2	N	10	30	70	N	<20	10	70	N
MV149S	1,000	1	N	20	70	70	N	<20	30	100	N
MV150S	500	2	N	10	30	70	N	<20	10	70	N
MV151S	300	2	N	10	50	100	N	<20	5	50	N
MV152S	300	2	N	10	30	20	N	<20	5	20	N
MV153S	300	2	N	10	50	200	N	<20	5	20	N
MV154S	300	2	N	10	70	20	N	<20	15	50	N
MV155S	300	2	N	10	30	20	N	N	5	20	N
MV156S	300	1	N	50	100	150	N	20	20	50	N
MV157S	300	2	N	10	50	20	N	<20	5	50	N
MV158S	500	2	N	10	30	50	N	<20	5	70	N
MV159S	500	2	N	30	50	50	N	N	20	50	N
MV160S	200	7	N	5	15	30	N	50	5	70	N
MV161S	300	7	N	10	30	100	N	50	5	70	N
MV162S	300	7	N	10	50	100	N	20	15	70	N
MV163S	150	10	N	5	10	100	N	30	5	50	N
MV164S	150	10	N	5	20	100	N	50	5	70	N
MV165S	150	7	N	5	10	50	N	50	5	30	N
MV166S	300	5	N	10	30	70	N	<20	15	70	N
MV167S	200	7	N	5	10	50	N	70	5	70	N
MV168S	200	7	N	5	30	70	N	20	5	50	N
MV169S	300	7	N	10	30	30	N	20	20	70	N
MV170S	200	7	N	10	20	30	N	50	5	50	N
MV171S	200	7	N	5	30	20	N	<20	10	50	N
MV172S	200	7	N	5	30	30	N	30	10	70	N
MV173S	300	2	N	10	50	30	N	<20	20	70	N
MV174S	300	5	N	10	30	70	N	20	5	70	N
MV175S	300	2	N	10	70	20	N	N	5	70	N
MV176S	100	2	N	5	15	20	N	50	5	70	N
MV177S	300	2	N	10	50	30	N	<20	5	70	N
MV178S	300	2	N	10	30	30	N	20	5	50	N
MV179S	300	2	N	10	50	30	N	<20	5	70	N
MV180S	500	2	N	10	50	30	N	20	20	70	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV136S	10	10	1,000	100	N	100	N	500	N
MV137S	5	N	1,000	200	N	30	N	500	N
MV138S	10	N	500	100	N	50	N	700	N
MV139S	10	N	1,000	200	N	50	N	700	N
MV140S	10	N	1,000	200	N	50	N	700	N
MV141S	10	N	1,000	100	N	50	N	500	N
MV142S	15	N	1,000	300	N	50	N	>1,000	N
MV143S	10	N	1,000	150	N	50	N	700	N
MV144S	10	N	1,000	100	N	50	N	500	N
MV145S	10	N	1,000	150	N	30	N	1,000	N
MV146S	10	N	1,000	150	N	30	N	500	N
MV147S	10	N	1,000	150	N	30	N	500	N
MV148S	10	N	1,000	100	N	50	N	500	N
MV149S	15	N	1,000	150	N	50	N	500	N
MV150S	10	N	1,000	100	N	50	N	700	N
MV151S	7	N	300	70	N	30	N	500	N
MV152S	7	N	200	100	N	30	N	500	N
MV153S	10	N	200	150	N	30	N	700	N
MV154S	10	N	200	100	N	30	N	>1,000	N
MV155S	5	N	200	70	N	20	N	200	N
MV156S	15	N	150	300	N	50	N	1,000	N
MV157S	7	N	200	100	N	20	N	500	N
MV158S	7	N	200	50	N	20	N	500	N
MV159S	15	N	500	100	N	20	N	300	N
MV160S	5	N	100	20	N	50	N	700	N
MV161S	5	N	100	50	N	70	N	1,000	N
MV162S	5	N	100	50	N	70	N	700	N
MV163S	5	N	N	20	N	100	N	>1,000	N
MV164S	5	N	N	30	N	70	N	>1,000	N
MV165S	5	N	N	10	N	50	N	500	N
MV166S	10	N	200	70	N	50	N	500	N
MV167S	5	N	N	20	N	70	N	1,000	N
MV168S	5	N	100	30	N	50	N	500	N
MV169S	5	<10	200	50	N	50	N	500	N
MV170S	5	<10	100	50	N	70	N	500	N
MV171S	5	N	100	50	N	50	N	200	N
MV172S	5	<10	200	30	N	70	N	200	N
MV173S	10	N	200	70	N	70	N	500	N
MV174S	10	<10	200	70	N	100	N	700	N
MV175S	5	<10	200	50	N	30	N	300	N
MV176S	5	<10	200	20	N	20	N	100	N
MV177S	10	N	500	50	N	50	N	500	N
MV178S	10	N	200	50	N	50	N	300	N
MV179S	10	N	200	50	N	50	N	300	N
MV180S	10	N	200	100	N	50	N	300	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV181S	37 11 21	114 36 18	2	.5	1.0	.3	500	N	N	N	30
MV182S	37 11 26	114 36 18	3	.7	1.0	.3	700	N	N	N	30
MV183S	37 11 36	114 37 28	7	1.0	1.0	.7	1,000	N	N	N	50
MV184S	37 11 40	114 37 25	3	.7	1.0	.5	700	N	N	N	30
MV185S	37 10 55	114 36 30	2	.5	2.0	.5	500	N	N	N	20
MV186S	37 10 48	114 35 43	2	.5	1.0	.3	700	3.0	N	N	10
MV187S	37 10 45	114 34 58	2	.3	1.0	.3	700	N	N	N	15
MV188S	37 10 13	114 34 28	2	.5	.5	.5	500	N	N	N	20
MV189S	37 10 16	114 34 26	2	.5	1.0	.5	700	N	N	N	20
MV190S	37 10 17	114 33 37	2	.5	1.0	.5	500	N	N	N	20
MV191S	37 9 47	114 34 52	1	.2	.5	.1	100	N	N	N	<10
MV192S	37 9 30	114 35 16	2	1.0	2.0	.3	500	N	N	N	50
MV193S	37 9 21	114 35 52	5	1.0	2.0	.7	1,000	N	N	N	15
MV194S	37 9 24	114 35 46	5	1.0	2.0	.7	700	N	N	N	20
MV195S	37 10 29	114 37 3	5	1.0	1.0	.7	500	N	N	N	20
MV196S	37 7 31	114 42 21	2	1.0	2.0	.5	500	N	N	N	30
MV197S	37 8 23	114 41 46	7	1.0	2.0	.7	1,000	N	N	N	20
MV198S	37 8 49	114 41 21	5	2.0	2.0	.7	700	N	N	N	20
MV199S	37 9 8	114 40 56	2	.5	1.0	.3	500	N	N	N	20
MV200S	37 9 30	114 40 25	5	1.0	1.0	.7	700	N	N	N	50
MV201S	37 10 3	114 39 55	5	1.0	2.0	.7	1,000	N	N	N	70
MV202S	37 16 55	114 34 20	3	.5	1.0	.5	1,000	N	N	N	70
MV203S	37 16 42	114 34 31	3	.5	1.0	.7	700	N	N	N	70
MV204S	37 16 17	114 34 47	3	.5	1.0	.7	1,000	N	N	N	70
MV205S	37 16 4	114 35 1	3	1.0	1.0	.7	1,000	N	N	N	70
MV206S	37 15 30	114 35 35	3	.5	1.0	.5	700	N	N	N	70
MV207S	37 14 49	114 36 58	2	.5	.7	.7	700	N	N	N	50
MV208S	37 14 47	114 37 2	5	1.0	1.0	.7	1,000	N	N	N	70
MV209S	37 14 29	114 37 26	5	1.0	2.0	.7	1,000	N	N	N	70
MV210S	37 13 54	114 37 54	3	.5	.5	.5	700	N	N	N	50
MV211S	37 13 33	114 37 47	5	1.0	1.0	1.0	700	N	N	N	50
MV212S	37 13 24	114 37 52	7	2.0	2.0	1.0	1,000	N	N	N	70
MV213S	37 12 28	114 38 44	5	1.0	1.0	.5	1,000	N	N	N	70
MV214S	37 12 15	114 38 45	5	1.0	1.0	.7	700	N	N	N	30
MV215S	37 11 45	114 39 5	7	1.0	1.0	1.0	1,000	N	N	N	70
MV216S	37 11 4	114 39 32	5	1.0	1.0	.7	1,000	N	N	N	50
MV217S	37 10 46	114 39 45	3	1.0	2.0	.5	700	N	N	N	70
MV218S	37 9 46	114 38 59	3	1.0	2.0	.7	700	N	N	N	70
MV219S	37 9 58	114 38 25	5	2.0	2.0	1.0	1,000	N	N	N	70
MV220S	37 8 43	114 40 6	5	.2	.2	.7	700	N	N	N	20
MV221S	37 8 36	114 40 9	5	.5	.5	.7	700	N	N	N	30
MV222S	37 9 16	114 39 6	7	1.0	2.0	1.0	1,000	N	N	N	70
MV223S	37 9 57	114 38 13	7	2.0	5.0	1.0	1,000	N	N	N	100
MV224S	37 8 20	114 39 10	3	.5	1.0	.5	700	N	N	N	30
MV225S	37 7 48	114 39 7	3	.2	.2	.5	700	N	N	N	30

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV181S	200	2	N	10	30	30	N	<20	15	70	N
MV182S	200	2	N	10	30	20	N	20	15	70	N
MV183S	500	1	N	15	50	100	N	<20	30	50	N
MV184S	200	2	N	10	20	20	N	N	20	30	N
MV185S	200	2	N	10	20	20	N	N	10	20	N
MV186S	200	2	N	N	10	N	N	N	5	20	N
MV187S	200	2	N	N	10	N	N	N	5	10	N
MV188S	200	2	N	10	30	20	N	<20	5	30	N
MV189S	200	2	N	10	20	20	N	N	30	70	N
MV190S	200	2	N	5	20	20	N	N	20	15	N
MV191S	100	N	N	N	10	N	N	N	5	20	N
MV192S	200	2	N	5	30	20	N	<20	20	15	N
MV193S	200	2	N	20	30	200	N	N	50	20	N
MV194S	500	1	N	20	50	20	N	N	50	20	N
MV195S	500	1	N	15	50	20	N	N	50	20	N
MV196S	500	1	N	10	30	20	N	N	20	30	N
MV197S	300	2	N	20	100	100	N	N	50	20	N
MV198S	500	1	N	20	50	50	N	N	50	20	N
MV199S	100	3	N	N	10	20	N	20	20	30	N
MV200S	300	1	N	10	30	30	N	20	50	20	N
MV201S	500	7	N	15	70	200	N	30	20	70	N
MV202S	300	7	N	5	20	150	N	30	10	70	N
MV203S	300	5	N	10	50	50	N	30	10	70	N
MV204S	300	5	N	10	50	70	N	50	10	70	N
MV205S	500	3	N	15	30	70	N	20	10	100	N
MV206S	200	5	N	5	20	70	N	70	10	70	N
MV207S	500	3	N	5	15	70	N	20	10	50	N
MV208S	1,000	3	N	15	50	70	N	20	10	70	N
MV209S	500	2	N	15	50	70	N	20	10	70	N
MV210S	300	3	N	10	30	100	N	50	10	50	N
MV211S	200	3	N	15	30	70	N	50	15	50	N
MV212S	500	2	N	20	50	70	N	30	20	70	N
MV213S	500	2	N	15	30	70	N	20	15	70	N
MV214S	300	2	N	15	30	50	N	20	15	70	N
MV215S	300	2	N	15	30	100	N	20	20	50	N
MV216S	300	3	N	10	30	200	N	100	15	70	N
MV217S	300	2	N	10	30	100	N	20	15	70	N
MV218S	500	1	N	15	70	50	N	<20	20	50	N
MV219S	700	1	N	20	100	50	N	<20	30	70	N
MV220S	200	3	N	5	15	200	N	100	10	50	N
MV221S	300	3	N	5	20	150	N	70	10	70	N
MV222S	300	5	N	10	20	200	N	70	10	70	N
MV223S	1,000	3	N	20	50	70	N	<20	30	70	N
MV224S	200	5	N	10	30	200	N	30	15	70	N
MV225S	200	5	N	5	15	150	N	50	5	70	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV181S	5	<10	200	50	N	70	N	300	N
MV182S	10	10	200	50	N	50	N	300	N
MV183S	10	<10	500	150	N	50	N	300	N
MV184S	5	N	100	100	N	30	N	300	N
MV185S	5	N	100	50	N	20	N	200	N
MV186S	N	N	100	20	N	10	N	200	N
MV187S	N	N	100	50	N	15	N	500	N
MV188S	5	20	100	50	N	20	N	500	N
MV189S	5	N	100	50	N	30	N	500	N
MV190S	5	N	100	50	N	20	N	200	N
MV191S	N	N	N	10	N	N	N	20	N
MV192S	5	N	100	70	N	20	N	300	N
MV193S	10	N	200	150	N	20	N	100	N
MV194S	10	N	200	150	N	20	N	500	N
MV195S	5	N	100	100	N	20	N	500	N
MV196S	5	N	200	100	N	20	N	200	N
MV197S	10	N	200	200	N	50	N	500	N
MV198S	10	N	200	200	N	30	N	300	N
MV199S	5	N	100	20	N	30	N	500	N
MV200S	10	N	100	70	N	30	N	500	N
MV201S	10	N	500	100	N	100	N	700	N
MV202S	5	N	100	50	N	100	N	700	N
MV203S	5	N	100	70	N	70	N	1,000	N
MV204S	10	N	100	70	N	100	N	1,000	N
MV205S	10	N	500	70	N	100	N	1,000	N
MV206S	5	N	200	50	N	100	N	1,000	N
MV207S	5	N	200	70	N	70	N	700	N
MV208S	10	N	500	70	N	70	N	700	N
MV209S	10	N	500	70	N	70	N	700	N
MV210S	5	N	100	50	N	70	N	700	N
MV211S	10	N	100	100	N	70	N	700	N
MV212S	10	N	500	100	N	70	N	500	N
MV213S	7	N	200	100	N	70	N	700	N
MV214S	7	N	200	100	N	50	N	700	N
MV215S	10	N	200	200	N	70	N	700	N
MV216S	7	N	200	70	N	70	N	700	N
MV217S	10	N	300	70	N	50	N	500	N
MV218S	10	N	500	100	N	50	N	700	N
MV219S	10	N	500	200	N	30	N	500	N
MV220S	5	N	N	50	N	70	N	1,000	N
MV221S	5	N	100	50	N	70	N	1,000	N
MV222S	10	N	200	100	N	100	N	>1,000	N
MV223S	10	N	1,000	150	N	50	N	1,000	N
MV224S	7	N	100	70	N	70	N	500	N
MV225S	7	N	100	50	N	50	N	500	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV226S	37 9 25	114 37 34	3	1.0	2.0	.7	700	N	N	N	50
MV227S	37 9 24	114 37 26	3	1.0	1.0	.5	700	N	N	N	50
MV228S	37 8 45	114 37 48	3	1.0	2.0	.7	700	N	N	N	30
MV229S	37 8 30	114 37 16	3	1.0	2.0	.7	700	N	N	N	50
MV230S	37 8 28	114 37 12	3	1.0	2.0	.7	700	N	N	N	50
MV231S	37 8 15	114 37 18	2	1.0	2.0	.7	700	N	N	N	70
MV232S	37 8 7	114 35 21	3	1.0	3.0	.7	700	N	N	N	50
MV233S	37 8 2	114 35 20	2	.7	2.0	.5	500	N	N	N	50
MV234S	37 7 38	114 34 25	3	1.0	2.0	.7	700	N	N	N	30
MV235S	37 7 42	114 34 23	3	1.0	3.0	.5	500	N	N	N	70
MV236S	37 7 44	114 34 20	3	1.0	3.0	.5	500	N	N	N	70
MV237S	37 8 18	114 35 29	3	1.0	5.0	.5	500	N	N	N	70
MV238S	37 8 23	114 35 28	3	1.0	2.0	.7	700	N	N	N	30
MV239S	36 48 42	114 40 0	2	1.0	5.0	.5	200	N	N	N	50
MV240S	36 48 44	114 39 58	1	.7	3.0	.3	200	N	N	N	30
MV241S	36 49 19	114 39 42	3	1.0	3.0	.7	700	N	N	N	70
MV242S	36 49 26	114 41 2	2	1.0	5.0	.7	200	N	N	N	50
MV243S	36 49 37	114 40 55	5	1.0	5.0	1.0	1,000	N	N	N	30
MV244S	36 50 19	114 42 24	2	1.0	5.0	.7	300	N	N	N	30
MV245S	36 50 21	114 42 15	2	2.0	5.0	.7	500	N	N	N	50
MV246S	36 50 20	114 40 9	1	1.0	3.0	.5	300	N	N	N	30
MV247S	36 51 13	114 40 38	5	1.0	10.0	.7	700	N	N	N	30
MV248S	36 51 18	114 40 42	2	2.0	7.0	.5	300	N	N	N	30
MV249S	36 52 0	114 40 56	1	2.0	10.0	.2	200	N	N	N	20
MV250S	36 52 5	114 40 58	2	1.0	7.0	.5	200	N	N	N	30
MV251S	36 52 4	114 40 53	1	1.0	10.0	.2	300	N	N	N	30
MV252S	36 51 54	114 40 41	2	1.0	5.0	.5	300	N	N	N	50
MV253S	36 51 15	114 43 45	2	1.0	5.0	.5	300	N	N	N	50
MV254S	36 51 19	114 43 46	2	2.0	7.0	.5	300	N	N	N	50
MV255S	36 49 33	114 44 32	1	1.0	7.0	.3	300	N	N	N	70
MV256S	36 50 36	114 46 11	1	1.0	7.0	.2	200	N	N	N	50
MV257S	36 52 12	114 47 7	2	1.0	5.0	.7	300	N	N	N	70
MV258S	36 51 11	114 48 17	1	1.0	10.0	.2	200	N	N	N	50
MV259S	36 53 7	114 47 48	2	1.0	5.0	.5	500	N	N	N	70
MV260S	36 53 29	114 46 36	2	2.0	10.0	.5	500	N	N	N	70
MV261S	36 52 25	114 49 41	1	3.0	10.0	.1	200	N	N	N	10
MV262S	36 53 57	114 47 23	2	1.0	5.0	.3	500	N	N	N	100
MV263S	36 52 35	114 50 17	2	2.0	10.0	.3	1,000	N	N	N	30
MV264S	36 52 52	114 49 48	2	2.0	10.0	.3	500	N	N	N	30
MV265S	36 54 3	114 46 53	3	2.0	10.0	.7	500	N	N	N	50
MV266S	36 54 10	114 46 10	1	1.0	10.0	.5	200	N	N	N	50
MV267S	36 55 46	114 46 40	7	2.0	7.0	.7	1,000	N	N	N	50
MV268S	36 55 37	114 45 17	1	1.0	10.0	.5	300	N	N	N	30
MV269S	36 55 10	114 46 36	2	2.0	10.0	.5	500	N	N	N	50
MV270S	36 56 24	114 47 6	2	3.0	10.0	.7	500	N	N	N	50

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV226S	500	2	N	15	30	70	N	<20	15	50	N
MV227S	500	2	N	10	50	50	N	N	20	50	N
MV228S	500	2	N	20	50	50	N	N	30	70	N
MV229S	500	2	N	15	50	50	N	<20	20	30	N
MV230S	700	2	N	15	70	100	N	<20	20	50	N
MV231S	300	2	N	10	30	100	N	<20	10	70	N
MV232S	300	2	N	15	30	100	N	<20	20	50	N
MV233S	200	3	N	5	20	100	N	<20	10	50	N
MV234S	500	2	N	20	50	100	N	<20	20	50	N
MV235S	500	2	N	10	50	100	N	<20	20	50	N
MV236S	500	2	N	15	50	100	N	<20	20	50	N
MV237S	500	2	N	5	30	100	N	N	10	50	N
MV238S	300	2	N	15	30	100	N	N	20	10	N
MV239S	300	1	N	5	20	20	N	N	10	<10	N
MV240S	300	1	N	5	10	20	N	N	5	<10	N
MV241S	300	1	N	10	30	50	N	N	15	10	N
MV242S	300	1	N	5	30	20	N	N	5	10	N
MV243S	300	1	N	15	50	100	N	<20	15	20	N
MV244S	300	1	N	5	30	20	N	N	10	10	N
MV245S	300	1	N	10	30	20	N	N	10	10	N
MV246S	300	1	N	5	20	20	N	N	10	10	N
MV247S	300	1	N	10	30	100	N	<20	10	<10	N
MV248S	300	1	N	5	30	70	N	N	10	10	N
MV249S	300	<1	N	5	20	20	N	N	10	<10	N
MV250S	200	<1	N	5	20	70	N	N	5	N	N
MV251S	300	1	N	10	30	20	N	N	15	20	N
MV252S	500	1	N	10	50	50	N	N	15	20	N
MV253S	200	<1	N	10	50	20	N	N	15	20	N
MV254S	200	1	N	10	50	20	N	N	15	30	N
MV255S	200	1	N	10	30	20	N	N	15	10	N
MV256S	200	1	N	10	30	20	N	N	15	10	N
MV257S	500	1	N	10	50	50	N	N	15	20	N
MV258S	200	<1	N	5	30	20	N	N	15	100	N
MV259S	300	1	N	10	50	70	N	N	15	20	N
MV260S	300	1	N	10	50	20	N	N	15	50	N
MV261S	100	<1	N	5	20	20	N	N	10	10	N
MV262S	300	1	N	15	70	20	N	N	20	50	N
MV263S	500	<1	N	5	30	500	N	N	10	70	N
MV264S	500	1	N	10	30	200	N	N	15	50	N
MV265S	500	1	N	15	70	70	N	N	15	20	N
MV266S	500	<1	N	10	30	20	N	N	15	20	N
MV267S	500	<1	N	20	70	100	N	N	15	50	N
MV268S	500	1	N	10	50	20	N	N	15	10	N
MV269S	500	1	N	10	50	20	N	N	15	50	N
MV270S	500	1	N	10	50	70	N	N	20	20	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV226S	10	N	200	100	N	30	N	500	N
MV227S	10	N	200	100	N	20	N	300	N
MV228S	10	N	300	100	N	20	N	300	N
MV229S	10	N	300	100	N	20	N	500	N
MV230S	10	N	300	100	N	50	N	1,000	N
MV231S	7	N	200	100	N	30	N	500	N
MV232S	15	N	500	150	N	30	N	300	N
MV233S	7	N	200	70	N	30	N	200	N
MV234S	15	N	500	100	N	50	N	300	N
MV235S	7	N	500	100	N	30	N	300	N
MV236S	10	N	500	100	N	30	N	300	N
MV237S	7	N	200	100	N	20	N	200	N
MV238S	7	N	300	100	N	20	N	300	N
MV239S	5	N	500	70	N	15	N	100	N
MV240S	5	N	150	50	N	15	N	300	N
MV241S	5	N	150	100	N	30	N	1,000	N
MV242S	5	N	200	70	N	15	N	500	N
MV243S	5	N	200	200	N	20	N	1,000	N
MV244S	5	N	200	50	N	15	N	300	N
MV245S	5	N	200	50	N	15	N	300	N
MV246S	5	N	200	50	N	20	N	200	N
MV247S	5	N	200	100	N	30	N	500	N
MV248S	5	N	200	70	N	15	N	700	N
MV249S	5	N	300	50	N	15	N	100	N
MV250S	5	N	200	70	N	15	N	200	N
MV251S	5	N	500	50	N	20	N	200	N
MV252S	10	N	500	100	N	30	N	500	N
MV253S	5	N	300	70	N	20	N	200	N
MV254S	10	N	300	70	N	20	N	300	N
MV255S	10	N	300	70	N	15	N	300	N
MV256S	7	N	300	50	N	20	N	200	N
MV257S	7	N	300	100	N	20	N	300	N
MV258S	7	N	300	70	N	20	200	100	N
MV259S	10	N	300	100	N	30	N	700	N
MV260S	10	N	500	70	N	15	N	200	N
MV261S	5	N	100	50	N	15	N	200	N
MV262S	10	N	300	100	N	20	N	200	N
MV263S	7	N	200	70	N	20	N	200	N
MV264S	7	N	500	70	N	20	N	300	N
MV265S	10	N	300	70	N	70	N	500	N
MV266S	7	N	200	70	N	15	N	200	N
MV267S	10	N	500	100	N	30	N	500	N
MV268S	10	N	500	70	N	30	N	300	N
MV269S	10	N	500	70	N	20	N	300	N
MV270S	10	N	200	70	N	20	N	300	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV271S	36 56 40	114 45 27	1	2.0	10.0	.3	300	N	N	N	50
MV272S	36 56 22	114 46 6	2	3.0	15.0	.5	500	N	N	N	70
MV273S	36 58 6	114 47 53	1	5.0	10.0	.2	200	N	N	N	30
MV274S	36 58 0	114 47 42	2	2.0	7.0	.5	500	N	N	N	20
MV275S	36 57 15	114 48 9	1	2.0	7.0	.2	500	N	N	N	20
MV276S	36 56 37	114 46 29	2	1.0	7.0	.5	500	N	N	N	70
MV277S	36 59 36	114 47 14	2	.7	7.0	.5	200	N	N	N	70
MV278S	36 58 50	114 46 16	1	3.0	7.0	.1	200	N	N	N	10
MV279S	36 59 13	114 45 50	1	3.0	7.0	.1	200	N	N	N	20
MV280S	36 58 2	114 45 4	1	3.0	10.0	.2	200	N	N	N	30
MV281S	36 53 22	114 40 11	5	1.0	3.0	.5	700	N	N	N	15
MV282S	36 53 44	114 40 22	2	1.0	5.0	.3	500	N	N	N	30
MV283S	36 53 5	114 40 11	5	1.0	2.0	.7	700	N	N	N	30
MV284S	36 52 40	114 40 22	2	1.0	5.0	.7	500	N	N	N	20
MV285S	36 53 25	114 42 10	1	2.0	10.0	.2	200	N	N	N	15
MV286S	36 53 50	114 42 15	2	1.0	5.0	.3	200	N	N	N	30
MV287S	36 54 2	114 42 34	1	1.0	7.0	.5	200	N	N	N	30
MV288S	36 54 24	114 43 23	2	2.0	5.0	.5	200	N	N	N	30
MV289S	36 55 29	114 43 33	1	2.0	10.0	.5	200	N	N	N	30
MV290S	36 54 42	114 40 24	7	.7	5.0	1.0	700	N	N	N	10
MV291S	36 55 30	114 42 12	2	1.0	5.0	.7	200	N	N	N	20
MV292S	36 55 31	114 41 30	1	2.0	10.0	.5	200	N	N	N	30
MV293S	36 55 47	114 41 4	3	2.0	5.0	.5	500	N	N	N	30
MV294S	36 55 30	114 40 23	10	2.0	5.0	1.0	1,000	N	N	N	30
MV295S	36 56 17	114 41 20	2	2.0	7.0	.3	500	N	N	N	50
MV296S	36 56 47	114 40 45	2	2.0	7.0	.3	500	N	N	N	10
MV297S	36 57 19	114 41 50	3	3.0	10.0	.7	700	N	N	N	30
MV298S	36 57 24	114 41 49	2	5.0	20.0	.5	500	N	N	N	30
MV299S	36 57 11	114 44 0	2	2.0	10.0	.5	500	N	N	N	30
MV300S	36 56 33	114 44 18	2	2.0	7.0	.7	500	N	N	N	30
MV301S	36 59 28	114 44 14	2	2.0	10.0	.2	700	N	N	N	30
MV302S	36 59 24	114 43 6	2	3.0	10.0	.2	500	N	N	N	30
MV303S	36 56 48	114 39 50	3	1.0	5.0	.5	500	N	N	N	30
MV304S	36 58 22	114 41 24	1	3.0	10.0	.2	500	N	N	N	20
MV305S	36 58 23	114 41 16	3	2.0	7.0	.5	500	N	N	N	30
MV306S	36 57 50	114 41 38	1	2.0	5.0	.2	300	N	N	N	30
MV307S	36 58 41	114 38 34	3	1.0	2.0	.5	1,000	N	N	N	30
MV308S	36 58 45	114 40 45	2	1.0	5.0	.7	700	N	N	N	30
MV309S	36 58 41	114 39 32	2	1.0	2.0	.7	300	N	N	N	30
MV310S	36 58 45	114 39 28	2	1.0	2.0	.5	700	N	N	N	20
MV311S	36 57 52	114 39 29	3	1.0	3.0	.7	500	N	N	N	50
MV312S	36 58 10	114 38 33	2	1.0	3.0	.5	500	N	N	N	20
MV313S	36 58 39	114 38 4	3	1.0	5.0	.7	700	N	N	N	20
MV314S	37 0 38	114 36 58	2	1.0	5.0	.3	500	N	N	N	50
MV315S	37 1 47	114 36 58	2	.7	3.0	.5	500	N	N	N	20

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV271S	200	<1	N	10	50	20	N	N	20	15	N
MV272S	500	<1	N	10	70	70	N	N	20	70	N
MV273S	100	1	N	5	30	20	N	N	15	20	N
MV274S	200	1	N	5	30	20	N	N	15	30	N
MV275S	200	1	N	5	20	20	N	N	10	10	N
MV276S	100	1	N	10	70	20	N	N	30	10	N
MV277S	100	1	N	5	30	20	N	N	20	<10	N
MV278S	100	<1	N	N	20	20	N	N	10	10	N
MV279S	100	<1	N	N	20	20	N	N	10	10	N
MV280S	100	<1	N	5	30	20	N	N	15	10	N
MV281S	200	<1	N	10	30	200	N	<20	10	10	N
MV282S	300	<1	N	10	30	20	N	N	10	10	N
MV283S	300	<1	N	15	30	50	N	N	10	10	N
MV284S	300	<1	N	15	30	20	N	N	10	10	N
MV285S	200	<1	N	10	20	20	N	N	10	10	N
MV286S	300	<1	N	5	30	20	N	N	10	10	N
MV287S	300	<1	N	5	30	20	N	N	5	10	N
MV288S	300	<1	N	5	50	20	N	N	20	20	N
MV289S	200	<1	N	5	30	20	N	N	10	20	N
MV290S	500	<1	N	10	30	100	N	N	5	10	N
MV291S	200	<1	N	5	20	150	N	N	10	10	N
MV292S	200	<1	N	5	30	50	N	N	10	15	N
MV293S	300	<1	N	10	30	100	N	N	15	30	N
MV294S	300	1	N	20	50	150	N	<20	10	20	N
MV295S	300	1	N	10	30	20	N	N	10	20	N
MV296S	200	1	N	5	20	150	N	N	10	30	N
MV297S	150	<1	N	5	50	20	N	N	10	10	N
MV298S	150	<1	N	5	30	20	N	N	15	20	N
MV299S	150	<1	N	5	30	20	N	N	10	20	N
MV300S	300	1	N	5	30	20	N	N	15	10	N
MV301S	200	1	N	10	30	50	N	N	10	70	N
MV302S	100	1	N	10	30	50	N	N	10	20	N
MV303S	300	1	N	10	30	100	N	N	10	30	N
MV304S	200	1	N	5	30	20	N	N	10	30	N
MV305S	200	1	N	20	50	20	N	N	20	50	N
MV306S	200	1	N	5	20	20	N	N	10	50	N
MV307S	200	1	N	15	50	50	N	N	15	30	N
MV308S	200	1	N	10	50	100	N	N	10	70	N
MV309S	200	1	N	10	30	100	N	N	10	50	N
MV310S	200	1	N	10	20	20	N	N	10	70	N
MV311S	200	1	N	10	50	50	N	<20	5	50	N
MV312S	200	1	N	10	30	50	N	N	10	50	N
MV313S	200	1	N	10	30	50	N	N	10	50	N
MV314S	200	1	N	5	30	20	N	N	10	70	N
MV315S	300	1	N	5	20	150	N	N	10	70	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV271S	10	N	200	70	N	20	N	300	N
MV272S	10	N	1,000	70	N	30	N	200	N
MV273S	7	N	100	50	N	10	N	100	N
MV274S	5	N	100	50	N	15	N	200	N
MV275S	5	N	100	50	N	15	N	150	N
MV276S	5	N	100	100	N	20	N	300	N
MV277S	5	N	200	100	N	20	N	300	N
MV278S	N	N	100	20	N	10	N	100	N
MV279S	N	N	100	20	N	10	N	100	N
MV280S	N	N	100	50	N	15	N	100	N
MV281S	5	N	100	150	N	20	N	500	N
MV282S	5	N	100	70	N	15	N	500	N
MV283S	5	N	200	200	N	20	N	700	N
MV284S	5	N	200	100	N	10	N	100	N
MV285S	5	N	200	30	N	10	N	200	N
MV286S	5	N	200	30	N	10	N	200	N
MV287S	5	N	200	30	N	10	N	700	N
MV288S	5	N	200	50	N	10	N	200	N
MV289S	5	N	200	50	N	10	N	200	N
MV290S	5	N	200	200	N	20	N	500	N
MV291S	5	30	200	70	N	20	N	500	N
MV292S	5	N	200	50	N	10	N	200	N
MV293S	5	N	200	70	N	20	N	200	N
MV294S	10	N	200	200	N	30	N	1,000	N
MV295S	5	N	200	50	N	15	N	200	N
MV296S	5	N	200	50	N	15	N	150	N
MV297S	5	N	200	100	N	20	N	500	N
MV298S	5	N	200	50	N	20	N	100	N
MV299S	5	N	200	50	N	15	N	200	N
MV300S	5	N	200	50	N	20	N	200	N
MV301S	5	N	200	50	N	10	N	200	N
MV302S	5	N	200	70	N	20	N	200	N
MV303S	5	N	200	100	N	20	N	500	N
MV304S	5	N	200	30	N	10	N	100	N
MV305S	10	N	200	150	N	30	N	200	N
MV306S	5	N	200	50	N	15	N	200	N
MV307S	10	N	200	200	N	20	N	500	N
MV308S	10	N	500	100	N	20	N	500	N
MV309S	5	N	200	100	N	20	N	300	N
MV310S	5	N	500	50	N	20	N	150	N
MV311S	5	N	200	100	N	20	N	500	N
MV312S	5	N	200	70	N	20	N	300	N
MV313S	10	N	200	100	N	30	N	500	N
MV314S	5	N	200	70	N	15	N	200	N
MV315S	5	N	500	100	N	20	N	500	N

Table 3.--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV316S	37 1 43	114 35 58	2	.7	3.0	.5	500	N	N	N	20
MV317S	37 2 10	114 35 30	1	.5	3.0	.2	200	N	N	N	30
MV318S	37 2 40	114 35 25	1	.7	5.0	.5	500	N	N	N	100
MV319S	37 2 57	114 34 30	2	1.0	2.0	.7	500	N	N	N	30
MV320S	37 3 30	114 34 4	2	1.0	2.0	.5	500	N	N	N	50
MV321S	37 4 9	114 34 21	2	1.0	2.0	.5	500	N	N	N	50
MV322S	37 4 25	114 32 37	5	.7	2.0	.7	1,000	N	N	N	30
MV323S	37 4 47	114 31 33	2	1.0	7.0	.5	500	N	N	N	30
MV324S	37 5 29	114 30 24	3	1.0	7.0	.5	500	N	N	N	50
MV325S	37 6 31	114 30 4	2	1.0	7.0	.5	500	N	N	N	50
MV326S	37 6 53	114 30 2	2	1.0	10.0	.5	500	N	N	N	50
MV327S	37 7 58	114 31 30	2	.7	2.0	.7	500	N	N	N	50
MV328S	37 8 23	114 32 21	5	1.0	3.0	1.0	500	N	N	N	70
MV329S	37 8 20	114 33 50	2	.7	3.0	.7	500	N	N	N	50

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
MV316S	200	1	N	10	70	50	N	N	10	10	N
MV317S	200	1	N	5	15	N	N	N	10	30	N
MV318S	200	<1	N	5	30	20	N	N	10	20	N
MV319S	200	<1	N	20	50	20	N	N	20	20	N
MV320S	300	2	N	15	50	50	N	N	15	70	N
MV321S	300	2	N	15	50	50	N	N	20	50	N
MV322S	200	2	N	20	30	70	N	<20	10	30	N
MV323S	200	1	N	10	30	50	N	N	10	70	N
MV324S	500	1	N	15	50	50	N	<20	15	20	N
MV325S	500	1	N	10	30	50	N	<20	10	20	N
MV326S	500	2	N	10	50	70	N	<20	10	50	N
MV327S	500	5	N	10	30	70	N	<20	10	20	N
MV328S	500	2	N	10	30	100	N	50	10	50	N
MV329S	300	2	N	10	30	100	N	<20	10	20	N

Table 3--Spectrographic Analyses of Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--continued

Sample	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
MV316S	5	N	200	100	N	20	N	500	N
MV317S	5	N	200	70	N	10	N	500	N
MV318S	5	N	200	70	N	30	N	1,000	N
MV319S	10	N	200	200	N	30	N	500	N
MV320S	10	N	500	70	N	30	N	200	N
MV321S	10	N	500	100	N	30	N	200	N
MV322S	10	N	200	100	N	30	N	500	N
MV323S	10	N	500	70	N	20	N	200	N
MV324S	10	N	500	100	N	30	N	500	N
MV325S	5	N	500	100	N	30	N	500	N
MV326S	5	N	500	100	N	30	N	500	N
MV327S	10	N	500	100	N	30	N	500	N
MV328S	10	N	500	100	N	50	N	700	N
MV329S	7	N	500	100	N	30	N	500	N

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

[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
MV001C3	36 52 3	114 50 30	5.0	5.00	10.0	1.00	2,000	N	N	N	20	700
MV002C3	36 52 4	114 50 20	2.0	2.00	10.0	1.50	700	N	N	N	<20	500
MV003C3	36 50 19	114 49 44	7.0	2.00	5.0	2.00	1,500	N	N	N	20	100
MV004C3	36 50 18	114 49 25	10.0	1.00	2.0	.50	1,000	N	N	N	200	700
MV005C3	36 50 20	114 50 57	10.0	1.00	5.0	.50	1,000	N	N	N	150	700
MV006C3	36 52 6	114 52 0	7.0	2.00	10.0	.20	2,000	N	N	N	20	1,000
MV007C3	36 51 36	114 51 52	10.0	1.00	2.0	.70	5,000	N	N	N	100	1,000
MV008C3	36 51 23	114 51 22	20.0	.50	2.0	.50	1,500	N	N	N	150	200
MV009C3	36 57 56	114 51 30	20.0	1.00	2.0	1.00	7,000	N	N	N	150	2,000
MV010C3	36 55 32	114 51 29	5.0	5.00	7.0	1.00	1,500	N	N	N	20	500
MV011C3	36 55 20	114 51 54	10.0	2.00	5.0	1.50	5,000	N	N	N	20	1,000
MV012C3	36 57 37	114 51 10	7.0	1.00	5.0	.20	5,000	N	N	N	50	2,000
MV013C3	36 57 27	114 51 13	7.0	1.00	5.0	.20	1,000	N	1,000	N	50	300
MV014C3	36 56 23	114 51 37	10.0	1.50	5.0	1.00	5,000	N	N	N	70	2,000
MV015C3	36 56 22	114 51 25	7.0	2.00	5.0	1.00	1,500	N	N	N	20	300
MV016C3	36 56 20	114 51 16	10.0	1.00	5.0	1.00	2,000	N	N	N	50	700
MV017C3	36 56 5	114 50 37	10.0	2.00	5.0	2.00	2,000	N	N	N	20	500
MV018C3	36 55 56	114 50 34	7.0	5.00	7.0	1.00	3,000	N	N	N	20	700
MV019C3	36 54 49	114 52 3	10.0	2.00	7.0	1.50	2,000	N	N	N	200	700
MV020C3	36 53 56	114 52 5	10.0	5.00	10.0	1.50	5,000	N	N	N	100	1,000
MV021C3	36 55 17	114 51 5	10.0	5.00	7.0	.50	3,000	N	N	N	200	1,000
MV022C3	36 53 0	114 52 10	10.0	1.00	2.0	.20	>10,000	N	N	N	70	10,000
MV023C3	36 52 40	114 52 10	5.0	7.00	7.0	.10	5,000	N	N	N	20	1,500
MV024C3	36 53 32	114 50 48	20.0	1.00	2.0	.50	700	N	N	N	200	100
MV025C3	36 53 52	114 50 33	10.0	2.00	5.0	.70	5,000	N	N	N	50	700
MV026C3	36 53 57	114 49 50	20.0	1.00	2.0	1.00	3,000	N	N	N	50	300
MV027C3	36 55 10	114 49 10	10.0	5.00	5.0	1.00	3,000	N	N	N	100	300
MV028C3	36 55 33	114 49 37	10.0	2.00	2.0	1.00	2,000	N	N	N	70	150
MV029C3	36 55 57	114 48 28	10.0	5.00	5.0	1.00	2,000	N	N	N	20	150
MV030C3	36 55 50	114 48 22	10.0	2.00	5.0	1.00	5,000	N	N	N	20	500
MV031C3	36 56 37	114 48 45	10.0	5.00	2.0	1.00	2,000	N	N	N	50	300
MV032C3	36 56 42	114 48 33	10.0	5.00	7.0	1.00	2,000	N	N	N	50	100
MV033C3	36 57 48	114 49 9	10.0	7.00	5.0	.70	5,000	N	N	N	70	100
MV034C3	36 57 49	114 48 57	5.0	5.00	5.0	1.00	1,500	N	N	N	20	200
MV035C3	36 58 15	114 51 25	7.0	1.00	5.0	.50	7,000	N	500	N	50	1,500
MV036C3	36 58 46	114 50 58	7.0	1.00	5.0	.50	2,000	N	1,000	N	50	500
MV037C3	36 59 1	114 50 39	7.0	1.00	5.0	.70	1,000	N	N	N	50	50
MV038C3	37 0 30	114 50 8	20.0	.50	1.0	.20	2,000	N	700	N	100	700
MV039C3	37 1 2	114 49 18	5.0	1.00	2.0	.50	5,000	N	N	N	20	1,000
MV040C3	37 0 48	114 49 20	7.0	1.00	5.0	1.00	1,500	N	700	N	50	500
MV041C3	37 1 43	114 49 10	10.0	1.00	5.0	1.00	5,000	N	1,000	N	70	1,000
MV042C3	37 2 8	114 48 55	7.0	1.00	5.0	1.00	1,000	N	700	N	50	100
MV043C3	37 2 55	114 48 10	10.0	2.00	5.0	1.00	2,000	N	1,000	N	50	500
MV044C3	37 3 15	114 47 45	20.0	.50	2.0	.20	3,000	N	1,500	N	150	1,000
MV045C3	37 3 24	114 47 35	10.0	2.00	5.0	.70	3,000	N	1,000	N	50	700

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

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
MV001C3	N	N	N	20	100	50	2,000	N	70	50	200
MV002C3	N	N	N	10	70	<10	1,000	N	150	20	20
MV003C3	N	N	N	10	N	10	2,000	N	150	20	50
MV004C3	2	N	N	30	70	70	700	70	50	200	200
MV005C3	2	N	N	50	70	70	1,000	30	70	100	200
MV006C3	2	N	N	70	N	70	50	50	N	100	200
MV007C3	5	N	N	100	70	70	700	50	70	100	300
MV008C3	5	N	N	30	70	70	700	30	70	150	150
MV009C3	7	N	N	150	70	100	1,000	50	100	150	300
MV010C3	<2	N	N	20	70	30	700	10	150	50	100
MV011C3	2	N	N	50	300	70	1,000	30	150	100	200
MV012C3	5	N	N	70	N	70	100	30	N	70	200
MV013C3	5	N	N	20	N	70	150	20	N	70	200
MV014C3	2	N	N	150	50	100	1,500	30	150	100	200
MV015C3	2	N	N	20	50	70	2,000	20	150	70	150
MV016C3	5	N	N	70	100	70	1,000	30	150	150	200
MV017C3	<2	N	N	50	100	70	>2,000	30	200	50	150
MV018C3	2	N	N	70	70	50	700	30	150	70	150
MV019C3	5	N	N	70	100	70	700	50	100	150	200
MV020C3	2	N	N	70	300	70	2,000	30	150	150	200
MV021C3	5	N	N	100	100	100	500	100	N	200	500
MV022C3	5	N	N	200	N	300	200	70	N	200	1,000
MV023C3	<2	N	N	70	N	70	N	30	N	70	200
MV024C3	2	N	N	30	100	150	500	100	<50	200	200
MV025C3	2	N	N	30	100	70	>2,000	20	50	100	150
MV026C3	2	N	N	30	50	70	>2,000	N	100	70	100
MV027C3	2	N	N	30	200	50	2,000	N	100	100	70
MV028C3	2	N	N	30	100	70	2,000	N	100	100	150
MV029C3	N	N	N	30	200	50	>2,000	N	100	70	70
MV030C3	N	N	N	30	100	50	>2,000	N	100	70	100
MV031C3	N	N	N	30	150	30	>2,000	N	70	70	50
MV032C3	2	N	N	20	300	30	700	N	70	100	70
MV033C3	N	N	N	50	100	20	2,000	N	50	70	20
MV034C3	N	N	N	20	200	10	700	N	70	70	20
MV035C3	5	N	N	150	N	70	100	20	N	100	500
MV036C3	5	N	N	70	N	70	200	30	<50	150	200
MV037C3	5	N	N	50	N	50	300	N	<50	150	150
MV038C3	7	N	N	70	N	70	50	30	N	150	200
MV039C3	5	N	N	70	N	30	100	30	<50	70	100
MV040C3	5	N	N	20	N	50	500	30	70	100	150
MV041C3	7	N	N	150	N	70	500	30	100	150	200
MV042C3	5	N	N	10	N	50	300	30	100	70	150
MV043C3	7	N	N	30	100	70	1,000	30	100	70	200
MV044C3	10	N	N	70	N	70	50	50	N	200	300
MV045C3	7	N	N	50	50	70	300	30	70	100	200

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

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
MV001C3	N	30	30	200	70	N	300	N	>2,000	N
MV002C3	N	30	30	200	50	N	500	N	>2,000	N
MV003C3	N	30	20	<200	70	N	500	N	>2,000	N
MV004C3	N	20	N	N	200	N	100	700	700	N
MV005C3	N	20	N	200	200	N	200	N	500	N
MV006C3	N	10	N	200	100	N	50	N	150	N
MV007C3	N	20	20	N	150	N	150	1,000	2,000	N
MV008C3	N	10	N	N	200	N	100	<500	150	N
MV009C3	200	20	30	<200	150	N	200	<500	>2,000	N
MV010C3	N	10	20	200	70	N	200	N	2,000	N
MV011C3	N	30	30	200	100	N	500	N	>2,000	N
MV012C3	N	10	N	200	100	N	50	N	700	N
MV013C3	N	N	N	200	150	N	100	N	2,000	N
MV014C3	N	20	30	200	200	N	500	N	2,000	N
MV015C3	N	20	30	N	150	N	500	N	>2,000	N
MV016C3	N	10	N	N	150	N	150	N	>2,000	N
MV017C3	N	70	30	N	100	N	700	N	>2,000	N
MV018C3	N	20	30	200	70	N	200	N	2,000	N
MV019C3	N	30	150	N	150	N	500	N	>2,000	N
MV020C3	N	100	30	200	150	N	500	N	>2,000	N
MV021C3	N	10	N	200	150	N	150	500	1,500	N
MV022C3	<200	N	30	200	200	200	70	N	700	N
MV023C3	N	N	N	200	70	N	50	N	70	N
MV024C3	N	10	N	N	200	N	100	500	2,000	N
MV025C3	N	30	N	<200	150	N	200	<500	2,000	300
MV026C3	N	30	N	N	150	N	200	500	2,000	200
MV027C3	N	70	30	N	150	N	500	<500	>2,000	200
MV028C3	N	30	50	N	150	N	500	<500	>2,000	200
MV029C3	N	70	50	N	150	N	500	N	>2,000	200
MV030C3	N	50	20	N	150	N	300	<500	2,000	200
MV031C3	N	50	20	N	150	N	300	<500	>2,000	300
MV032C3	N	100	30	N	150	N	300	<500	2,000	N
MV033C3	N	70	N	N	150	N	150	<500	1,000	N
MV034C3	N	70	N	200	150	N	300	N	>2,000	N
MV035C3	200	20	N	<200	100	100	150	N	>2,000	N
MV036C3	N	10	N	N	150	N	150	<500	1,000	N
MV037C3	N	20	N	N	100	N	200	N	>2,000	N
MV038C3	N	10	N	N	150	N	50	N	1,000	N
MV039C3	N	15	N	200	70	N	150	1,500	>2,000	N
MV040C3	N	20	N	N	100	N	300	N	>2,000	N
MV041C3	N	15	20	N	150	N	300	<500	>2,000	N
MV042C3	N	15	20	N	70	N	300	7,000	>2,000	N
MV043C3	N	30	20	N	150	N	300	N	>2,000	N
MV044C3	N	10	N	N	200	N	100	N	1,000	N
MV045C3	N	20	50	N	200	N	200	N	>2,000	N

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV046C3	37 3 44	114 47 1	10.0	2.00	10.0	.50	10,000	N	700	N	70	3,000
MV047C3	37 4 5	114 45 45	5.0	2.00	7.0	2.00	1,500	N	N	N	<20	300
MV048C3	37 3 56	114 45 46	5.0	.20	7.0	2.00	1,500	N	N	N	20	700
MV049C3	37 3 52	114 45 58	5.0	1.50	7.0	2.00	1,500	N	N	N	<20	200
MV050C3	37 0 38	114 45 30	10.0	1.50	5.0	.50	2,000	N	500	N	100	300
MV051C3	37 0 45	114 45 21	7.0	5.00	10.0	1.00	5,000	N	N	N	70	70
MV052C3	37 2 6	114 45 51	2.0	7.00	10.0	.50	1,000	N	N	N	<20	100
MV053C3	37 1 40	114 46 2	7.0	5.00	10.0	.50	2,000	N	N	N	50	700
MV054C3	37 1 50	114 45 58	7.0	5.00	10.0	1.50	3,000	N	N	N	20	1,000
MV055C3	37 2 24	114 45 47	7.0	2.00	5.0	2.00	2,000	N	N	N	<20	300
MV056C3	37 2 28	114 45 39	20.0	1.50	2.0	2.00	3,000	N	N	N	50	300
MV057C3	37 5 13	114 45 17	7.0	5.00	10.0	2.00	5,000	N	N	N	<20	2,000
MV058C3	37 5 36	114 44 47	5.0	2.00	10.0	2.00	2,000	N	N	N	<20	>10,000
MV059C3	37 5 46	114 44 33	2.0	1.00	5.0	.50	1,500	N	N	N	<20	>10,000
MV060C3	37 5 53	114 43 7	5.0	1.00	2.0	1.00	1,500	N	N	N	<20	2,000
MV061C3	37 6 33	114 43 3	10.0	2.00	5.0	1.50	3,000	N	N	N	50	1,500
MV062C3	37 7 3	114 42 25	10.0	2.00	5.0	2.00	2,000	N	N	N	20	300
MV063C3	37 5 14	114 42 50	10.0	1.00	5.0	2.00	5,000	N	N	N	50	500
MV064C3	37 4 50	114 43 10	5.0	5.00	7.0	2.00	3,000	N	N	N	<20	1,000
MV065C3	37 4 58	114 43 7	7.0	1.00	2.0	2.00	1,500	N	N	N	20	500
MV066C3	37 6 38	114 38 57	10.0	.50	1.0	1.00	2,000	N	N	N	50	300
MV067C3	37 6 45	114 38 55	7.0	.05	.2	2.00	2,000	N	N	N	20	50
MV068C3	37 6 31	114 38 52	7.0	.20	1.0	2.00	2,000	N	N	N	50	50
MV069C3	37 6 47	114 38 25	10.0	.20	.5	1.00	2,000	N	N	N	50	100
MV070C3	37 6 52	114 38 15	20.0	2.00	2.0	2.00	5,000	N	N	N	100	200
MV071C3	37 5 57	114 38 48	20.0	.50	2.0	>2.00	2,000	N	N	N	100	50
MV072C3	37 6 3	114 38 13	15.0	1.00	2.0	2.00	2,000	N	N	N	100	150
MV073C3	37 6 6	114 38 6	5.0	1.50	5.0	2.00	1,500	N	N	N	<20	200
MV074C3	37 5 23	114 37 44	20.0	5.00	7.0	2.00	2,000	N	N	N	50	300
MV075C3	37 5 14	114 41 27	20.0	2.00	5.0	2.00	2,000	N	N	N	70	200
MV076C3	37 6 5	114 40 35	30.0	.50	1.0	>2.00	5,000	N	N	N	70	200
MV077C3	37 5 30	114 42 9	20.0	2.00	2.0	>2.00	3,000	N	N	N	50	200
MV078C3	37 3 35	114 41 30	20.0	10.00	7.0	2.00	5,000	N	N	N	50	5,000
MV079C3	37 3 38	114 41 25	10.0	5.00	7.0	2.00	2,000	N	N	N	20	10,000
MV080C3	37 5 52	114 40 41	10.0	2.00	5.0	2.00	1,500	N	N	N	20	200
MV081C3	37 6 0	114 40 42	20.0	.50	1.0	2.00	2,000	N	N	N	50	100
MV082C3	37 3 1	114 41 36	10.0	1.50	5.0	2.00	2,000	N	N	N	50	500
MV083C3	37 3 6	114 41 31	10.0	1.00	2.0	2.00	2,000	N	N	N	20	700
MV084C3	37 3 56	114 41 1	5.0	5.00	7.0	1.00	2,000	N	N	N	<20	10,000
MV085C3	37 4 0	114 40 35	5.0	1.00	5.0	2.00	2,000	N	N	N	<20	>10,000
MV086C3	37 3 23	114 39 46	7.0	5.00	7.0	2.00	5,000	N	N	N	20	>10,000
MV087C3	37 3 17	114 39 21	10.0	2.00	5.0	1.00	1,500	N	N	N	200	>10,000
MV088C3	37 6 55	114 40 41	10.0	.20	.5	2.00	2,000	N	N	N	50	1,000
MV089C3	37 6 55	114 40 35	10.0	.20	.5	2.00	2,000	N	N	N	70	200
MV090C3	37 5 23	114 39 23	10.0	.50	.5	2.00	2,000	N	N	N	50	50

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV046C3	7	N	N	150	100	70	300	30	50	100	500
MV047C3	N	N	N	N	100	30	2,000	N	70	10	500
MV048C3	N	N	N	N	N	10	2,000	N	70	10	70
MV049C3	N	N	N	N	100	10	1,500	20	100	10	70
MV050C3	5	N	N	70	50	70	200	30	N	100	200
MV051C3	2	N	N	50	N	70	500	30	100	100	300
MV052C3	<2	N	N	10	N	10	150	N	50	20	50
MV053C3	2	N	N	50	N	50	300	20	N	70	150
MV054C3	2	N	N	70	70	20	1,000	N	100	100	200
MV055C3	2	N	N	20	50	20	2,000	N	200	50	100
MV056C3	5	N	N	30	100	30	>2,000	30	200	50	100
MV057C3	2	N	N	30	150	20	700	N	150	50	200
MV058C3	2	N	N	30	N	20	700	N	150	50	150
MV059C3	2	N	N	10	N	10	150	N	<50	20	150
MV060C3	7	N	N	N	N	<10	500	15	150	30	200
MV061C3	2	N	N	50	150	30	700	30	150	100	70
MV062C3	2	N	N	20	150	20	2,000	30	200	70	100
MV063C3	5	N	N	10	50	20	>2,000	30	150	50	700
MV064C3	<2	N	N	30	N	20	1,000	N	200	50	50
MV065C3	2	N	N	10	N	10	1,500	20	200	50	200
MV066C3	5	N	N	N	N	10	500	30	200	50	200
MV067C3	7	N	N	N	N	20	2,000	30	150	20	1,000
MV068C3	7	N	N	N	N	20	2,000	30	150	20	70
MV069C3	5	N	N	N	N	10	700	30	200	20	200
MV070C3	5	N	N	10	N	30	2,000	30	200	20	150
MV071C3	7	N	N	N	N	50	>2,000	70	200	20	300
MV072C3	7	N	N	N	N	20	1,500	15	300	20	150
MV073C3	2	N	N	10	50	<10	1,500	N	200	20	20
MV074C3	2	N	N	30	300	50	1,500	30	200	70	150
MV075C3	7	N	N	10	N	50	1,000	30	200	20	200
MV076C3	7	N	N	10	N	70	1,000	50	200	20	200
MV077C3	5	N	N	10	150	70	2,000	30	150	30	150
MV078C3	2	N	N	70	300	70	700	30	100	100	500
MV079C3	2	N	N	30	200	50	1,000	50	150	50	200
MV080C3	2	N	N	10	100	20	1,500	30	200	30	70
MV081C3	5	N	N	10	50	30	2,000	50	200	30	70
MV082C3	2	N	N	20	70	30	1,500	30	200	50	100
MV083C3	<2	N	N	30	70	20	1,000	30	150	50	200
MV084C3	<2	N	N	30	200	20	700	N	100	70	200
MV085C3	<2	N	N	20	70	20	1,000	N	150	20	100
MV086C3	2	N	N	70	150	70	500	10	100	70	500
MV087C3	2	N	N	20	150	30	1,000	15	150	70	70
MV088C3	5	N	N	N	N	30	1,500	30	150	20	150
MV089C3	5	N	N	N	N	20	1,500	30	300	20	150
MV090C3	5	N	N	N	N	20	>2,000	30	200	20	50

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV046C3	N	20	N	500	200	N	150	N	>2,000	N
MV047C3	N	70	100	N	150	N	2,000	N	>2,000	N
MV048C3	N	50	50	N	70	N	1,000	N	>2,000	N
MV049C3	N	50	50	N	70	N	1,000	N	>2,000	N
MV050C3	N	10	N	N	150	N	100	N	2,000	N
MV051C3	N	30	30	200	150	N	200	N	2,000	N
MV052C3	N	10	N	200	50	N	100	N	700	N
MV053C3	N	20	N	N	100	N	70	N	2,000	N
MV054C3	N	30	20	200	150	N	200	N	>2,000	N
MV055C3	N	50	30	200	150	N	700	N	>2,000	N
MV056C3	N	70	30	N	150	N	700	N	>2,000	500
MV057C3	N	70	30	500	150	N	500	N	>2,000	N
MV058C3	N	50	30	500	150	N	700	N	>2,000	N
MV059C3	N	10	N	1,000	70	N	100	N	>2,000	N
MV060C3	N	20	20	200	100	N	700	N	>2,000	N
MV061C3	N	70	20	200	150	N	500	N	>2,000	N
MV062C3	N	50	300	N	150	N	700	<500	>2,000	N
MV063C3	N	70	500	N	150	N	2,000	N	>2,000	200
MV064C3	N	70	70	N	150	N	1,000	N	>2,000	N
MV065C3	N	20	50	200	100	N	700	<500	>2,000	N
MV066C3	N	10	70	N	100	N	1,000	700	>2,000	N
MV067C3	200	20	>2,000	N	50	N	1,000	N	>2,000	N
MV068C3	N	50	500	N	50	N	1,000	N	>2,000	N
MV069C3	N	15	50	N	200	N	1,000	700	>2,000	N
MV070C3	N	50	70	N	50	N	500	700	>2,000	N
MV071C3	N	50	200	N	50	N	1,000	700	>2,000	<200
MV072C3	N	20	50	N	50	N	300	700	>2,000	N
MV073C3	N	30	N	200	50	N	500	N	>2,000	N
MV074C3	N	100	150	200	100	N	500	500	>2,000	N
MV075C3	N	20	100	N	50	<100	200	500	>2,000	N
MV076C3	N	20	200	N	50	<100	500	500	>2,000	N
MV077C3	N	100	100	N	100	N	700	N	>2,000	<200
MV078C3	N	150	70	200	150	N	300	N	>2,000	N
MV079C3	N	70	70	200	100	N	700	N	>2,000	N
MV080C3	N	50	50	N	100	<100	700	500	>2,000	N
MV081C3	N	50	150	N	70	<100	500	N	>2,000	N
MV082C3	N	70	100	N	100	<100	300	N	>2,000	N
MV083C3	N	50	50	N	100	<100	300	N	>2,000	N
MV084C3	N	70	20	200	150	N	200	N	>2,000	N
MV085C3	N	50	30	500	150	N	300	N	>2,000	N
MV086C3	N	70	200	500	150	N	300	N	>2,000	N
MV087C3	N	70	20	300	50	N	200	500	>2,000	N
MV088C3	N	50	1,500	N	20	N	500	500	>2,000	N
MV089C3	N	50	70	N	50	<100	300	500	>2,000	N
MV090C3	N	70	20	N	50	<100	500	500	>2,000	<200

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV091C3	37 5 29	114 39 24	10.0	.20	.5	>2.00	2,000	N	N	N	50	50
MV092C3	37 3 47	114 39 7	10.0	5.00	5.0	1.00	5,000	N	N	N	30	1,000
MV093C3	37 3 49	114 39 3	7.0	5.00	7.0	.70	2,000	N	N	N	100	>10,000
MV094C3	37 4 12	114 38 26	5.0	5.00	7.0	1.50	5,000	N	N	N	20	>10,000
MV095C3	37 5 46	114 38 38	10.0	2.00	5.0	2.00	2,000	N	N	N	50	200
MV096C3	37 4 7	114 37 37	7.0	5.00	7.0	1.00	2,000	N	N	N	20	>10,000
MV097C3	37 1 14	114 38 14	7.0	5.00	7.0	2.00	3,000	N	N	N	100	1,500
MV098C3	37 1 16	114 38 5	20.0	2.00	5.0	2.00	2,000	N	N	N	150	700
MV099C3	37 1 11	114 38 24	20.0	2.00	5.0	2.00	2,000	N	N	N	100	200
MV100C3	37 2 6	114 37 52	7.0	2.00	5.0	2.00	2,000	N	N	N	150	500
MV101C3	37 2 18	114 37 40	10.0	5.00	5.0	1.50	3,000	N	N	N	30	3,000
MV102C3	37 7 26	114 38 12	10.0	1.00	1.0	1.50	3,000	N	N	N	50	200
MV103C3	37 7 25	114 37 55	15.0	5.00	5.0	1.50	2,000	N	N	N	50	150
MV104C3	37 1 7	114 39 29	5.0	2.00	5.0	1.00	1,500	N	N	N	70	150
MV105C3	37 1 12	114 39 26	10.0	2.00	5.0	2.00	1,500	N	N	N	20	200
MV106C3	37 0 26	114 39 26	7.0	2.00	5.0	2.00	1,500	N	N	N	20	100
MV107C3	37 0 46	114 40 34	7.0	2.00	5.0	2.00	2,000	N	N	N	20	200
MV108C3	37 1 27	114 41 51	7.0	2.00	5.0	2.00	2,000	N	N	N	20	500
MV109C3	37 1 30	114 41 50	5.0	2.00	5.0	2.00	2,000	N	N	N	20	200
MV110C3	37 0 10	114 40 49	7.0	5.00	7.0	2.00	2,000	N	N	N	20	200
MV111C3	37 1 15	114 42 21	5.0	5.00	7.0	2.00	2,000	N	N	N	<20	100
MV112C3	37 1 24	114 42 19	5.0	5.00	7.0	1.50	2,000	N	N	N	<20	200
MV113C3	37 1 8	114 42 55	7.0	5.00	7.0	2.00	2,000	N	N	N	<20	300
MV114C3	37 0 38	114 43 27	7.0	5.00	7.0	2.00	2,000	N	N	N	<20	50
MV115C3	37 4 23	114 43 18	5.0	1.00	5.0	>2.00	1,500	N	N	N	<20	500
MV116C3	37 3 43	114 43 26	5.0	2.00	5.0	2.00	2,000	N	N	N	30	5,000
MV117C3	37 3 18	114 43 28	7.0	1.00	2.0	.20	2,000	N	N	N	50	>10,000
MV118C3	37 2 49	114 43 37	5.0	2.00	5.0	.70	1,500	N	N	N	50	2,000
MV119C3	37 2 25	114 43 51	7.0	5.00	7.0	.50	1,500	N	N	N	70	2,000
MV120C3	37 2 16	114 44 0	5.0	2.00	5.0	1.00	1,500	N	N	N	500	100
MV121C3	37 1 28	114 44 53	5.0	5.00	7.0	1.00	2,000	N	N	N	<20	700
MV122C3	37 1 35	114 44 50	5.0	7.00	10.0	1.00	2,000	N	N	N	20	100
MV123C3	37 1 54	114 44 14	1.0	7.00	10.0	.02	200	N	N	N	20	<50
MV124C3	37 0 43	114 44 37	5.0	5.00	10.0	1.00	1,500	N	N	N	70	500
MV125C3	37 5 46	114 37 57	7.0	.50	2.0	2.00	2,000	N	N	N	20	200
MV126C3	37 5 13	114 37 14	2.0	1.00	5.0	1.50	1,000	N	N	N	<20	200
MV127C3	37 5 18	114 36 53	5.0	2.00	7.0	2.00	1,500	N	N	N	20	100
MV128C3	37 5 16	114 36 49	5.0	5.00	7.0	2.00	1,500	N	N	N	<20	1,000
MV129C3	37 4 50	114 36 44	5.0	5.00	10.0	1.00	1,500	N	N	N	20	5,000
MV130C3	37 5 5	114 36 20	5.0	5.00	7.0	2.00	1,500	N	N	N	20	300
MV131C3	37 4 37	114 36 22	7.0	7.00	10.0	1.00	2,000	N	N	N	20	700
MV132C3	37 4 42	114 36 6	5.0	5.00	10.0	1.00	2,000	N	N	N	<20	5,000
MV133C3	37 5 7	114 35 58	2.0	1.00	5.0	2.00	700	N	N	N	<20	700
MV134C3	37 4 55	114 35 25	2.0	1.00	5.0	2.00	500	N	N	N	<20	700
MV135C3	37 5 10	114 35 0	7.0	1.00	5.0	>2.00	1,500	N	N	N	50	150

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV091C3	5	N	N	N	N	30	2,000	30	200	20	150
MV092C3	2	N	N	30	100	20	500	N	150	30	100
MV093C3	<2	N	N	70	500	30	500	N	70	100	150
MV094C3	2	N	N	50	300	20	1,500	N	150	100	150
MV095C3	5	N	N	N	70	20	2,000	30	300	30	150
MV096C3	<2	N	N	30	300	20	500	N	70	70	50
MV097C3	2	N	N	30	300	30	500	20	150	70	150
MV098C3	2	N	N	30	300	30	700	30	150	70	70
MV099C3	2	N	N	30	300	30	1,000	30	150	70	70
MV100C3	2	N	N	30	300	20	700	20	150	70	50
MV101C3	2	N	N	50	300	70	1,000	30	150	70	200
MV102C3	5	N	N	10	N	20	1,000	30	200	70	200
MV103C3	2	N	N	70	200	30	1,000	30	150	200	70
MV104C3	<2	N	N	20	150	10	700	20	150	50	70
MV105C3	<2	N	N	20	150	20	700	30	150	50	100
MV106C3	<2	N	N	20	200	20	700	20	100	70	70
MV107C3	<2	N	N	10	70	10	1,000	30	150	50	200
MV108C3	<2	N	N	30	100	30	1,000	30	100	70	150
MV109C3	<2	N	N	20	100	20	1,000	30	150	50	50
MV110C3	<2	N	N	30	100	20	700	15	100	70	70
MV111C3	<2	N	N	20	50	10	500	N	100	50	70
MV112C3	<2	N	N	30	50	15	300	10	100	50	70
MV113C3	<2	N	N	30	100	15	500	15	150	50	100
MV114C3	<2	N	N	20	100	10	300	N	100	70	20
MV115C3	<2	N	N	15	50	20	1,000	10	150	30	70
MV116C3	<2	N	N	20	50	15	1,000	N	100	30	70
MV117C3	2	N	N	50	50	100	N	30	N	100	150
MV118C3	2	N	N	20	100	50	200	30	70	70	150
MV119C3	<2	N	N	30	50	70	150	30	N	100	200
MV120C3	<2	N	N	20	100	20	500	15	100	50	20
MV121C3	<2	N	N	10	N	10	300	N	100	50	50
MV122C3	<2	N	N	10	N	<10	300	N	70	20	100
MV123C3	N	N	N	20	N	<10	N	N	N	20	20
MV124C3	2	N	N	30	150	30	300	N	70	70	50
MV125C3	5	N	N	N	N	20	1,500	N	150	20	200
MV126C3	2	N	N	N	N	<10	300	N	150	50	<20
MV127C3	<2	N	N	20	150	10	1,000	N	150	50	<20
MV128C3	<2	N	N	20	300	20	500	N	200	70	<20
MV129C3	<2	N	N	50	500	<10	200	N	100	100	N
MV130C3	2	N	N	20	500	10	700	N	200	100	30
MV131C3	<2	N	N	50	700	<10	150	N	50	100	20
MV132C3	<2	N	N	20	500	10	200	N	50	70	20
MV133C3	<2	N	N	10	N	10	700	N	150	20	<20
MV134C3	<2	N	N	10	N	10	700	N	150	20	<20
MV135C3	5	N	N	10	50	10	500	20	200	50	30

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV091C3	N	50	50	N	50	<100	700	<500	>2,000	N
MV092C3	N	100	20	N	150	N	150	N	1,500	N
MV093C3	<200	100	<20	500	150	N	100	N	1,500	N
MV094C3	N	70	<20	200	150	N	300	N	>2,000	N
MV095C3	N	50	30	N	70	<100	500	500	>2,000	N
MV096C3	<200	70	N	200	200	N	200	N	2,000	N
MV097C3	N	70	30	200	100	N	300	N	>2,000	N
MV098C3	N	70	50	N	150	N	300	N	>2,000	N
MV099C3	N	70	150	N	150	N	500	N	>2,000	N
MV100C3	N	70	100	200	150	N	500	N	>2,000	N
MV101C3	N	50	30	200	150	N	300	N	>2,000	N
MV102C3	N	15	50	N	50	N	300	500	>2,000	N
MV103C3	N	50	30	N	100	N	300	<500	2,000	N
MV104C3	N	50	30	N	100	N	300	N	>2,000	N
MV105C3	N	50	30	N	100	N	300	N	>2,000	N
MV106C3	N	50	30	N	100	N	300	N	>2,000	N
MV107C3	N	50	20	200	100	N	300	N	>2,000	N
MV108C3	N	50	20	200	150	N	500	N	2,000	N
MV109C3	N	50	20	N	100	N	700	N	>2,000	N
MV110C3	N	50	20	N	100	N	300	N	>2,000	N
MV111C3	N	50	20	N	100	N	300	N	2,000	N
MV112C3	N	50	<20	N	100	N	200	N	1,000	N
MV113C3	N	50	20	N	100	N	500	N	2,000	N
MV114C3	N	50	20	N	100	N	300	N	2,000	N
MV115C3	N	50	150	N	150	N	700	N	>2,000	N
MV116C3	N	50	20	200	100	N	700	N	>2,000	N
MV117C3	N	N	N	1,000	100	N	50	N	1,500	N
MV118C3	N	15	N	N	100	N	150	N	>2,000	N
MV119C3	N	N	N	N	100	N	50	N	500	N
MV120C3	N	20	N	N	100	N	200	N	>2,000	N
MV121C3	N	30	20	N	100	N	200	N	>2,000	N
MV122C3	N	30	20	N	100	N	300	N	>2,000	N
MV123C3	N	N	N	N	20	N	N	<500	70	N
MV124C3	N	20	N	200	150	N	300	N	2,000	N
MV125C3	N	20	30	200	50	N	700	500	>2,000	N
MV126C3	N	20	N	500	50	N	300	N	>2,000	N
MV127C3	N	50	20	N	150	N	700	N	>2,000	N
MV128C3	N	50	20	200	150	N	500	N	>2,000	N
MV129C3	<200	70	N	200	150	N	200	N	1,000	N
MV130C3	<200	50	30	N	150	N	500	N	>2,000	N
MV131C3	200	70	N	500	150	N	150	N	1,000	N
MV132C3	<200	30	N	300	100	N	200	N	2,000	N
MV133C3	N	10	30	700	100	N	700	N	>2,000	<200
MV134C3	N	10	30	500	100	N	500	N	2,000	N
MV135C3	N	20	150	N	100	N	500	N	>2,000	N

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV136C3	37 4 36	114 33 39	5.0	2.00	7.0	1.00	1,500	N	N	N	20	200
MV137C3	37 4 37	114 33 33	5.0	2.00	5.0	2.00	1,500	N	N	N	20	100
MV138C3	37 5 43	114 35 49	7.0	2.00	7.0	2.00	2,000	N	N	N	50	100
MV139C3	37 5 14	114 34 11	5.0	5.00	5.0	2.00	1,500	N	N	N	20	50
MV140C3	37 5 15	114 34 3	5.0	2.00	5.0	2.00	1,500	N	N	N	20	100
MV141C3	37 6 3	114 34 19	7.0	2.00	5.0	2.00	2,000	N	N	N	20	700
MV142C3	37 6 8	114 34 19	7.0	2.00	5.0	2.00	2,000	N	N	N	70	100
MV143C3	37 7 3	114 34 25	7.0	1.50	2.0	2.00	2,000	N	N	N	20	50
MV144C3	37 7 4	114 34 30	7.0	2.00	5.0	2.00	2,000	N	N	N	70	100
MV145C3	37 5 25	114 33 20	5.0	2.00	5.0	2.00	2,000	N	N	N	70	100
MV146C3	37 5 27	114 33 15	7.0	2.00	5.0	2.00	1,500	N	N	N	20	100
MV147C3	37 6 42	114 33 16	5.0	2.00	7.0	.70	1,500	N	N	N	20	500
MV148C3	37 6 44	114 33 12	5.0	2.00	7.0	1.50	1,000	N	N	N	20	500
MV149C3	37 7 12	114 34 25	2.0	2.00	7.0	2.00	1,000	N	N	N	<20	200
MV150C3	37 6 20	114 32 31	5.0	2.00	7.0	2.00	1,500	N	N	N	50	50
MV151C3	37 7 17	114 32 9	2.0	.50	2.0	2.00	500	N	N	N	100	500
MV152C3	37 7 17	114 32 4	2.0	.50	1.0	.70	300	N	N	N	70	500
MV153C3	37 6 53	114 31 1	1.0	.50	1.5	1.50	500	N	N	N	50	1,000
MV154C3	37 6 53	114 30 56	1.0	.50	1.5	2.00	500	N	N	N	20	700
MV155C3	37 5 47	114 31 47	.5	.50	2.0	.70	100	N	N	N	20	700
MV156C3	37 5 44	114 31 44	.5	.50	2.0	1.00	100	N	N	N	20	1,000
MV157C3	37 5 6	114 32 6	2.0	2.00	7.0	>2.00	700	N	N	N	70	700
MV158C3	37 5 7	114 32 2	2.0	1.00	5.0	1.00	500	N	N	N	50	1,000
MV159C3	37 16 52	114 33 48	2.0	.50	5.0	.20	700	N	N	N	50	700
MV160C3	37 16 8	114 33 27	2.0	.20	2.0	.20	500	N	N	N	50	300
MV161C3	37 15 34	114 33 34	.5	.10	1.0	.10	300	N	N	N	50	500
MV162C3	37 15 38	114 33 32	.5	.10	.2	.10	200	N	N	N	50	500
MV163C3	37 15 32	114 33 7	.5	.10	.2	.10	200	N	N	N	50	500
MV164C3	37 15 3	114 32 28	1.0	.10	.5	.70	200	N	N	N	100	300
MV165C3	37 14 35	114 33 40	1.0	.10	5.0	.05	300	N	N	N	70	200
MV166C3	37 14 15	114 34 3	2.0	.20	.5	1.00	500	N	N	N	50	200
MV167C3	37 14 47	114 34 24	2.0	.10	1.5	.20	500	N	N	N	50	150
MV168C3	37 14 15	114 34 46	1.0	.10	2.0	.50	300	N	N	N	100	150
MV169C3	37 13 24	114 34 36	2.0	.20	.5	1.00	500	N	N	N	100	200
MV170C3	37 14 10	114 35 16	.7	.05	1.0	.07	200	N	N	N	70	50
MV171C3	37 14 12	114 35 13	.7	.05	.5	.20	200	N	N	N	100	50
MV172C3	37 13 53	114 35 31	.7	.05	1.0	.20	300	N	N	N	70	50
MV173C3	37 13 18	114 36 20	5.0	.20	.5	1.00	1,000	N	N	N	30	500
MV174C3	37 13 25	114 36 17	1.5	.10	1.0	.30	500	N	N	N	20	500
MV175C3	37 12 19	114 35 35	1.0	.10	1.0	1.00	300	N	N	N	150	100
MV176C3	37 12 5	114 36 51	1.0	.20	2.0	.20	500	N	N	N	20	200
MV177C3	37 12 6	114 36 48	5.0	.50	1.0	.70	1,000	N	N	N	20	200
MV178C3	37 11 43	114 34 44	1.0	.20	1.0	1.00	300	N	N	N	100	50
MV180C3	37 11 27	114 35 15	2.0	.20	.5	1.00	500	N	N	N	70	100
MV181C3	37 11 21	114 36 18	1.0	.10	2.0	.70	300	N	N	N	70	200

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV136C3	5	N	N	10	100	<10	300	N	150	50	50
MV137C3	5	N	N	10	150	10	700	N	150	50	50
MV138C3	5	N	N	10	N	15	700	15	200	50	100
MV139C3	2	N	N	20	50	<10	500	N	150	50	<20
MV140C3	2	N	N	10	50	10	500	N	200	50	50
MV141C3	5	N	N	20	50	20	700	N	150	50	100
MV142C3	2	N	N	20	150	10	1,500	N	150	50	20
MV143C3	5	N	N	10	N	20	700	N	200	50	N
MV144C3	5	N	N	10	50	10	700	N	200	50	50
MV145C3	5	N	N	10	50	10	1,000	N	150	50	20
MV146C3	5	N	N	10	100	10	700	N	150	50	20
MV147C3	2	N	N	20	150	20	200	N	70	50	50
MV148C3	2	N	N	10	150	<10	200	N	150	50	50
MV149C3	<2	N	N	10	100	10	500	N	200	50	N
MV150C3	5	N	N	10	300	10	700	N	150	70	50
MV151C3	5	N	N	N	50	10	1,000	N	150	10	20
MV152C3	7	N	N	N	N	50	50	N	100	10	20
MV153C3	5	N	N	N	50	<10	200	N	100	10	30
MV154C3	7	N	N	N	50	<10	700	N	150	10	20
MV155C3	5	N	N	N	N	<10	1,000	N	50	10	20
MV156C3	7	N	N	N	N	<10	200	N	100	10	20
MV157C3	5	N	N	N	100	10	1,000	N	200	10	30
MV158C3	5	N	N	N	N	<10	150	N	100	10	20
MV159C3	15	N	N	N	50	10	150	N	200	10	70
MV160C3	15	N	N	N	N	<10	150	N	200	10	70
MV161C3	7	N	N	N	N	<10	N	N	150	10	70
MV162C3	5	N	N	N	N	<10	N	N	150	10	20
MV163C3	5	N	N	N	N	<10	N	N	200	10	20
MV164C3	20	N	N	N	N	<10	N	N	300	10	100
MV165C3	15	N	N	N	N	50	150	N	200	10	50
MV166C3	20	N	N	N	N	<10	500	N	200	10	20
MV167C3	10	N	N	N	N	<10	200	N	150	10	20
MV168C3	20	N	N	N	N	<10	300	N	500	10	70
MV169C3	50	N	N	N	N	<10	1,000	N	200	10	50
MV170C3	5	N	N	N	N	<10	N	N	50	10	N
MV171C3	7	N	N	N	N	<10	N	N	100	10	N
MV172C3	5	N	N	N	N	<10	N	N	100	10	N
MV173C3	7	N	N	N	N	10	500	N	200	10	20
MV174C3	7	N	N	N	N	<10	100	N	100	10	20
MV175C3	7	N	N	N	N	10	150	N	150	10	30
MV176C3	7	N	N	N	N	<10	50	N	50	10	150
MV177C3	10	N	N	N	N	10	500	N	150	10	150
MV178C3	7	N	N	N	N	<10	100	N	150	10	30
MV180C3	10	N	N	N	N	<10	150	N	150	10	20
MV181C3	15	N	N	N	N	<10	300	N	150	10	70

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV136C3	N	20	20	200	100	N	200	N	2,000	N
MV137C3	N	30	300	200	100	N	500	N	>2,000	N
MV138C3	N	10	30	N	100	N	500	500	>2,000	N
MV139C3	N	30	20	N	70	N	300	N	>2,000	N
MV140C3	N	30	20	N	150	N	700	N	>2,000	N
MV141C3	N	30	2,000	200	100	N	200	N	>2,000	N
MV142C3	N	50	50	N	100	N	700	N	>2,000	N
MV143C3	N	30	20	N	70	N	700	N	>2,000	N
MV144C3	N	30	70	N	70	N	500	N	>2,000	N
MV145C3	N	30	500	N	70	N	700	N	>2,000	N
MV146C3	N	30	500	200	70	N	700	N	>2,000	N
MV147C3	N	50	100	500	100	N	200	N	>2,000	N
MV148C3	N	20	700	500	70	N	200	N	2,000	N
MV149C3	N	30	50	500	70	N	500	N	>2,000	N
MV150C3	N	30	300	N	70	N	700	N	>2,000	N
MV151C3	200	70	>2,000	200	100	N	1,000	N	>2,000	200
MV152C3	N	70	2,000	N	50	N	1,000	N	>2,000	300
MV153C3	N	50	1,500	200	50	N	300	N	>2,000	N
MV154C3	N	70	1,000	200	100	N	1,500	N	>2,000	200
MV155C3	N	50	>2,000	200	50	N	500	N	>2,000	700
MV156C3	N	70	>2,000	200	50	N	700	N	>2,000	200
MV157C3	N	50	2,000	200	150	N	1,000	N	>2,000	200
MV158C3	N	30	500	200	70	N	200	N	>2,000	N
MV159C3	N	30	300	2,000	70	N	1,500	N	>2,000	1,000
MV160C3	N	30	N	N	20	N	1,000	N	>2,000	700
MV161C3	200	30	70	N	20	N	>5,000	N	>2,000	2,000
MV162C3	200	50	70	N	20	N	>5,000	N	>2,000	2,000
MV163C3	200	30	70	N	20	N	>5,000	N	>2,000	2,000
MV164C3	200	70	200	N	50	N	5,000	N	>2,000	2,000
MV165C3	N	70	N	N	20	N	1,000	N	>2,000	500
MV166C3	N	100	500	N	70	N	2,000	N	>2,000	1,000
MV167C3	N	30	N	N	20	N	1,000	N	>2,000	200
MV168C3	N	50	150	N	20	N	2,000	N	>2,000	1,500
MV169C3	N	50	70	N	50	N	2,000	N	>2,000	2,000
MV170C3	N	20	1,500	N	20	N	200	N	>2,000	N
MV171C3	N	30	2,000	N	20	N	300	N	>2,000	N
MV172C3	N	30	2,000	N	20	N	200	N	>2,000	N
MV173C3	200	30	>2,000	N	70	N	1,000	N	>2,000	300
MV174C3	N	50	N	N	20	N	300	N	>2,000	<200
MV175C3	N	70	1,500	N	70	N	1,000	N	>2,000	2,000
MV176C3	N	30	1,500	N	50	N	200	N	>2,000	N
MV177C3	N	20	>2,000	N	100	N	700	N	>2,000	200
MV178C3	N	150	1,000	N	70	N	700	N	>2,000	300
MV180C3	N	50	500	N	100	N	700	N	>2,000	500
MV181C3	500	30	>2,000	N	70	N	1,000	N	>2,000	700

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV182C3	37 11 26	114 36 18	2.0	.20	.5	.70	700	N	N	N	200	50
MV183C3	37 11 36	114 37 28	1.0	.20	2.0	.20	200	N	N	N	20	1,000
MV184C3	37 11 40	114 37 25	2.0	.50	1.5	1.00	1,000	N	N	N	50	700
MV185C3	37 10 55	114 36 30	2.0	.50	1.5	.70	300	N	N	N	20	700
MV186C3	37 10 48	114 35 43	2.0	.20	.5	.70	500	N	N	N	150	100
MV187C3	37 10 45	114 34 58	2.0	.20	1.0	.30	700	N	N	N	100	200
MV188C3	37 10 13	114 34 28	2.0	.20	1.0	.70	300	N	N	N	150	200
MV189C3	37 10 16	114 34 26	1.5	.20	1.0	.70	500	N	N	N	150	200
MV190C3	37 10 17	114 33 37	1.0	.20	1.0	.70	500	N	N	N	50	500
MV191C3	37 9 47	114 34 52	1.0	.20	1.5	1.50	200	N	N	N	50	>10,000
MV192C3	37 9 30	114 35 16	1.0	2.00	7.0	.20	500	N	N	N	100	5,000
MV193C3	37 9 21	114 35 52	.5	.20	2.0	.50	200	N	N	N	70	1,000
MV194C3	37 9 24	114 35 46	2.0	1.00	7.0	1.00	500	N	N	N	50	700
MV195C3	37 10 29	114 37 3	2.0	2.00	1.5	1.50	700	N	N	N	50	700
MV196C3	37 7 31	114 42 21	1.5	.50	7.0	.70	300	N	N	N	20	7,000
MV197C3	37 8 23	114 41 46	1.0	.50	5.0	.70	200	N	N	N	<20	1,500
MV198C3	37 8 49	114 41 21	2.0	2.00	10.0	.50	700	N	N	N	<20	700
MV199C3	37 9 8	114 40 56	1.0	.20	2.0	.70	300	N	N	N	20	500
MV200C3	37 9 30	114 40 25	2.0	.50	10.0	1.00	500	N	N	N	20	700
MV201C3	37 10 3	114 39 55	1.0	.20	2.0	.50	300	N	N	N	<20	700
MV202C3	37 16 55	114 34 20	1.0	.05	2.0	.50	300	N	N	N	30	200
MV203C3	37 16 42	114 34 31	.7	.10	2.0	.10	300	N	N	N	30	150
MV204C3	37 16 17	114 34 47	1.0	.05	1.0	.10	200	N	N	N	30	150
MV205C3	37 16 4	114 35 1	1.0	.05	1.0	.10	200	N	N	N	30	150
MV206C3	37 15 30	114 35 35	1.0	.05	2.0	.10	200	N	N	N	30	50
MV207C3	37 14 49	114 36 58	1.0	.05	10.0	.20	300	N	N	N	20	200
MV208C3	37 14 47	114 37 2	1.0	.10	10.0	.50	500	N	N	N	<20	700
MV209C3	37 14 29	114 37 26	2.0	.10	10.0	.50	1,000	N	N	N	<20	200
MV210C3	37 13 54	114 37 54	1.0	.07	5.0	.10	300	N	N	N	20	200
MV211C3	37 13 33	114 37 47	1.0	.10	10.0	.50	700	N	N	N	<20	200
MV212C3	37 13 24	114 37 52	1.0	.20	5.0	.50	500	N	N	N	20	700
MV213C3	37 12 28	114 38 44	2.0	.10	10.0	.50	500	N	N	N	<20	500
MV214C3	37 12 15	114 38 45	1.0	.10	15.0	.10	200	N	N	N	<20	500
MV215C3	37 11 45	114 39 5	2.0	.10	1.0	1.00	500	N	N	N	<20	500
MV216C3	37 11 4	114 39 32	1.0	.20	10.0	.70	200	N	N	N	20	500
MV217C3	37 10 46	114 39 45	.7	.20	15.0	.70	300	N	N	N	20	700
MV218C3	37 9 46	114 38 59	2.0	.50	2.0	.70	500	N	N	N	20	700
MV219C3	37 9 58	114 38 25	1.5	.50	2.0	.70	200	N	N	N	20	700
MV220C3	37 8 43	114 40 6	1.0	.10	1.0	.70	300	N	N	N	20	150
MV221C3	37 8 36	114 40 9	1.0	.05	1.0	.70	300	N	N	N	20	150
MV222C3	37 9 16	114 39 6	.7	.05	1.0	.70	300	N	N	N	20	200
MV223C3	37 9 57	114 38 13	1.0	.50	2.0	1.00	300	N	N	N	150	200
MV224C3	37 8 20	114 39 10	2.0	.50	1.0	.70	700	N	N	N	5,000	200
MV225C3	37 7 48	114 39 7	1.0	.20	1.0	.70	500	N	N	N	2,000	200
MV226C3	37 9 25	114 37 34	2.0	.50	1.5	2.00	500	N	N	N	70	700

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV182C3	10	200	N	N	N	<10	200	N	200	10	100
MV183C3	2	N	N	N	N	<10	200	N	N	10	20
MV184C3	10	N	N	N	N	10	500	N	150	10	500
MV185C3	7	N	N	N	N	<10	150	N	70	10	70
MV186C3	10	N	N	N	100	<10	150	N	150	10	20
MV187C3	10	N	N	N	N	<10	70	N	70	10	200
MV188C3	10	150	N	N	N	10	200	100	150	10	500
MV189C3	10	N	N	N	N	<10	500	N	150	10	50
MV190C3	10	N	N	N	N	<10	500	N	100	10	20
MV191C3	10	N	N	N	N	<10	200	N	150	10	20
MV192C3	2	N	N	N	70	10	150	N	N	10	20
MV193C3	7	N	N	N	N	<10	150	N	N	10	70
MV194C3	7	N	N	N	70	<10	300	N	70	10	20
MV195C3	5	N	N	N	100	<10	500	N	150	50	50
MV196C3	2	N	N	N	50	<10	200	N	50	10	700
MV197C3	5	N	N	N	N	<10	200	N	70	10	500
MV198C3	5	N	N	N	70	10	700	N	N	10	50
MV199C3	10	N	N	N	N	<10	300	N	100	10	20
MV200C3	10	N	N	N	N	<10	200	N	150	10	70
MV201C3	7	N	N	N	N	<10	500	200	50	10	2,000
MV202C3	20	N	N	N	N	<10	700	N	300	10	150
MV203C3	20	N	N	N	N	<10	N	N	300	10	150
MV204C3	20	N	N	N	N	<10	N	N	200	10	70
MV205C3	20	N	N	N	N	<10	N	N	300	10	70
MV206C3	20	N	N	N	N	<10	300	N	200	10	200
MV207C3	50	N	N	N	N	<10	500	N	200	10	50
MV208C3	10	N	N	N	N	<10	500	N	50	10	20
MV209C3	15	N	N	N	N	<10	500	N	200	10	50
MV210C3	20	N	N	N	N	<10	100	N	150	10	20
MV211C3	20	N	N	N	N	<10	500	N	70	10	20
MV212C3	7	N	N	N	N	<10	100	N	50	10	300
MV213C3	20	N	N	N	N	<10	200	N	70	10	20
MV214C3	20	N	N	N	N	<10	200	N	70	10	20
MV215C3	20	N	N	N	N	<10	300	N	150	10	20
MV216C3	15	N	N	N	N	<10	500	N	70	10	150
MV217C3	15	N	N	N	N	<10	200	N	70	10	70
MV218C3	5	N	N	N	N	<10	150	N	70	10	20
MV219C3	5	N	N	N	N	<10	150	N	100	10	20
MV220C3	20	N	N	N	N	<10	1,500	N	50	10	20
MV221C3	20	N	N	N	N	<10	1,500	N	70	10	150
MV222C3	20	N	N	N	N	<10	2,000	N	150	10	200
MV223C3	7	N	N	N	N	<10	1,000	N	150	10	20
MV224C3	10	N	N	N	N	N	500	N	70	10	50
MV225C3	15	N	N	N	N	N	1,000	N	50	10	150
MV226C3	5	N	N	N	N	10	500	N	150	10	20

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV182C3	<200	50	>2,000	N	50	N	700	N	>2,000	700
MV183C3	N	20	300	700	20	N	150	N	>2,000	N
MV184C3	500	70	>2,000	N	150	N	1,000	N	>2,000	300
MV185C3	N	50	2,000	200	70	N	500	N	>2,000	300
MV186C3	N	50	1,500	N	50	N	300	N	>2,000	<200
MV187C3	N	20	700	N	30	N	150	N	>2,000	N
MV188C3	500	50	>2,000	N	70	N	700	N	>2,000	700
MV189C3	N	30	>2,000	N	50	N	500	N	>2,000	200
MV190C3	N	20	>2,000	N	30	N	700	N	>2,000	200
MV191C3	N	50	>2,000	N	70	N	1,500	N	>2,000	500
MV192C3	N	10	100	N	50	N	50	N	>2,800	N
MV193C3	N	10	500	N	20	N	300	N	>2,000	<200
MV194C3	N	50	200	N	100	N	500	N	>2,000	<200
MV195C3	N	70	30	N	70	N	1,000	N	>2,000	300
MV196C3	N	30	100	700	70	N	200	N	>2,000	N
MV197C3	N	20	>2,000	1,000	50	N	300	N	>2,000	N
MV198C3	N	50	N	1,000	70	N	300	N	>2,000	<200
MV199C3	N	50	700	N	70	N	1,500	N	>2,000	200
MV200C3	N	50	700	N	50	N	1,000	N	>2,000	<200
MV201C3	N	10	2,000	N	200	N	1,500	N	>2,000	N
MV202C3	N	10	100	N	30	N	2,000	N	>2,000	1,500
MV203C3	N	10	70	N	20	N	2,000	N	>2,000	2,000
MV204C3	N	10	N	N	20	N	1,500	N	>2,000	1,500
MV205C3	N	10	100	N	20	N	2,000	N	>2,000	1,500
MV206C3	N	10	N	N	20	N	1,500	N	>2,000	1,500
MV207C3	N	10	500	N	30	N	1,500	N	>2,000	2,000
MV208C3	N	10	N	200	30	N	1,000	N	>2,000	300
MV209C3	N	10	N	N	30	N	1,500	N	>2,000	1,000
MV210C3	N	10	N	N	20	N	1,000	N	>2,000	700
MV211C3	N	10	700	N	30	N	1,500	N	>2,000	300
MV212C3	200	10	>2,000	200	30	N	300	N	>2,000	N
MV213C3	N	10	70	N	50	N	700	N	>2,000	N
MV214C3	N	10	N	N	50	N	1,000	N	>2,000	300
MV215C3	N	10	70	N	70	N	1,500	N	>2,000	300
MV216C3	N	10	1,000	N	50	N	1,500	N	>2,000	N
MV217C3	N	10	300	200	50	N	1,000	N	>2,000	N
MV218C3	N	10	N	200	50	N	500	N	>2,000	N
MV219C3	N	10	500	200	70	N	500	N	>2,000	N
MV220C3	N	10	1,500	N	50	N	2,000	N	>2,000	N
MV221C3	200	10	>2,000	N	50	N	2,000	N	>2,000	200
MV222C3	N	10	1,500	N	70	N	2,000	N	>2,000	200
MV223C3	N	10	N	200	50	N	1,000	N	>2,000	N
MV224C3	N	10	N	N	50	N	1,000	N	>2,000	N
MV225C3	N	10	N	N	50	N	2,000	N	>2,000	N
MV226C3	N	10	70	200	70	N	700	N	>2,000	200

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV227C3	37 9 24	114 37 26	2.0	.50	1.0	.70	500	N	N	N	70	700
MV228C3	37 8 45	114 37 48	2.0	1.00	1.0	1.50	500	N	N	N	50	700
MV229C3	37 8 30	114 37 16	1.5	.50	2.0	1.50	500	N	N	N	100	700
MV230C3	37 8 28	114 37 12	2.0	.50	5.0	2.00	700	N	N	N	<20	700
MV231C3	37 8 15	114 37 18	2.0	.50	10.0	1.50	700	N	N	N	20	300
MV232C3	37 8 7	114 35 21	1.0	.50	7.0	.70	500	N	N	N	30	1,000
MV233C3	37 8 2	114 35 20	2.0	.20	10.0	1.00	500	N	N	N	20	5,000
MV234C3	37 7 38	114 34 25	1.5	1.00	10.0	1.50	700	N	N	N	20	1,500
MV235C3	37 7 42	114 34 23	1.0	1.00	5.0	2.00	500	N	N	N	30	700
MV236C3	37 7 44	114 34 20	2.0	1.00	1.5	2.00	1,000	N	N	N	50	700
MV237C3	37 8 18	114 35 29	1.0	.50	7.0	.50	500	N	N	N	30	10,000
MV238C3	37 8 23	114 35 28	1.0	.50	2.0	1.00	500	N	N	N	20	10,000
MV239C3	36 48 42	114 40 0	1.5	.50	2.0	1.00	500	N	N	N	50	10,000
MV240C3	36 48 44	114 39 58	1.5	.50	2.0	1.50	300	N	N	N	70	10,000
MV241C3	36 49 19	114 39 42	1.0	.50	2.0	1.50	300	N	N	N	70	500
MV242C3	36 49 26	114 41 2	2.0	.50	2.0	1.50	300	N	N	N	70	1,000
MV243C3	36 49 37	114 40 55	1.0	1.50	20.0	.50	200	N	N	N	50	1,500
MV244C3	36 50 19	114 42 24	2.0	1.00	15.0	1.00	500	N	N	N	50	500
MV245C3	36 50 21	114 42 15	2.0	.70	1.5	2.00	700	N	N	N	70	500
MV246C3	36 50 20	114 40 9	1.0	1.00	5.0	1.50	300	N	N	N	50	500
MV247C3	36 51 13	114 40 38	.5	1.00	2.0	.70	100	N	N	N	20	700
MV248C3	36 51 18	114 40 42	.5	.70	10.0	1.00	200	N	N	N	<20	300
MV249C3	36 52 0	114 40 56	.7	1.00	10.0	2.00	200	N	N	N	50	1,000
MV250C3	36 52 5	114 40 58	.5	.30	2.0	2.00	200	N	N	N	30	1,500
MV252C3	36 51 54	114 40 41	1.0	.50	2.0	.50	300	N	N	N	20	700
MV257C3	36 52 12	114 47 7	1.0	.50	10.0	.70	300	N	N	N	20	300
MV259C3	36 53 7	114 47 48	1.0	1.00	7.0	.50	300	N	N	N	<20	700
MV260C3	36 53 29	114 46 36	1.5	2.00	10.0	.50	500	N	N	N	20	500
MV261C3	36 52 25	114 49 41	.7	2.00	10.0	.05	200	N	N	N	20	<50
MV262C3	36 53 57	114 47 23	1.0	.50	20.0	.30	100	N	N	N	30	100
MV263C3	36 52 35	114 50 17	.7	5.00	7.0	.30	100	N	N	N	<20	100
MV264C3	36 52 52	114 49 48	.7	2.00	5.0	.50	100	N	N	N	<20	300
MV267C3	36 55 46	114 46 40	2.0	.20	2.0	.70	200	N	N	N	<20	200
MV271C3	36 56 40	114 45 27	.2	2.00	20.0	.05	50	N	N	N	<20	<50
MV272C3	36 56 22	114 46 6	1.0	1.00	10.0	.20	100	N	N	N	20	500
MV276C3	36 56 37	114 46 27	2.0	.50	20.0	.20	200	N	N	N	50	300
MV279C3	36 59 13	114 45 50	1.0	2.00	10.0	.10	200	N	N	N	20	300
MV280C3	36 58 2	114 45 4	.5	5.00	10.0	.05	100	N	N	N	<20	150
MV281C3	36 53 22	114 40 11	.2	.20	2.0	.20	<20	N	N	N	<20	200
MV282C3	36 53 44	114 40 22	.7	.20	1.0	.50	<20	N	N	N	<20	50
MV284C3	36 52 40	114 40 22	.2	.50	5.0	.50	<20	N	N	N	20	500
MV287C3	36 54 2	114 42 34	.5	1.00	7.0	.05	<20	N	N	N	20	50
MV290C3	36 54 42	114 40 24	.5	.15	1.5	1.00	<20	N	N	N	20	100
MV294C3	36 55 30	114 40 23	.3	.20	1.0	.70	50	N	N	N	<20	100
MV297C3	36 57 19	114 41 50	2.0	2.00	5.0	.70	500	N	N	N	<20	200

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV227C3	5	N	N	N	70	<10	200	N	50	10	20
MV228C3	7	N	N	N	70	10	700	N	150	10	20
MV229C3	7	N	N	N	70	<10	200	N	100	10	20
MV230C3	2	N	N	N	N	10	1,000	N	200	10	20
MV231C3	20	N	N	N	N	<10	1,000	N	100	10	20
MV232C3	5	N	N	N	N	<10	150	N	N	10	70
MV233C3	7	N	N	N	N	<10	300	N	N	10	20
MV234C3	5	N	N	N	N	15	500	N	150	10	20
MV235C3	5	N	N	N	N	10	700	N	150	10	20
MV236C3	5	N	N	N	70	10	500	N	150	10	70
MV237C3	2	N	N	N	N	<10	150	N	50	10	20
MV238C3	5	N	N	N	N	<10	200	N	70	10	20
MV239C3	5	N	N	N	70	<10	200	N	100	10	20
MV240C3	2	N	N	N	N	10	200	N	100	10	20
MV241C3	7	N	N	N	N	10	500	N	70	10	20
MV242C3	5	N	N	N	50	10	500	N	50	10	20
MV243C3	2	N	N	N	N	<10	150	N	N	10	20
MV244C3	5	N	N	N	100	<10	300	N	N	10	20
MV245C3	5	N	N	N	70	<10	700	N	100	10	20
MV246C3	2	N	N	N	N	<10	700	N	70	10	20
MV247C3	2	N	N	N	N	<10	500	N	70	10	20
MV248C3	2	N	N	N	N	<10	500	N	100	10	20
MV249C3	5	N	N	N	N	<10	300	N	100	10	20
MV250C3	7	N	N	N	N	<10	700	N	150	10	20
MV252C3	N	N	N	N	N	<10	150	N	<50	70	20
MV257C3	N	N	N	N	N	<10	200	N	50	10	N
MV259C3	N	N	N	N	N	10	150	N	N	10	N
MV260C3	N	N	N	N	N	<10	100	N	50	10	20
MV261C3	N	N	N	N	N	<10	N	N	N	30	20
MV262C3	N	N	N	N	200	10	700	N	N	70	50
MV263C3	N	N	N	N	N	<10	200	N	50	10	N
MV264C3	N	N	N	N	N	<10	150	N	50	10	N
MV267C3	N	N	N	N	N	<10	200	N	50	10	N
MV271C3	N	N	N	N	N	<10	50	N	N	N	N
MV272C3	<2	N	N	N	150	<10	1,500	N	N	30	20
MV276C3	N	N	N	20	300	20	300	10	N	70	20
MV279C3	N	N	N	N	N	<10	N	N	N	N	150
MV280C3	N	N	N	N	N	<10	150	N	N	N	N
MV281C3	N	N	N	N	N	N	N	N	N	N	N
MV282C3	N	N	N	N	N	N	50	N	N	N	N
MV284C3	N	N	N	N	N	N	N	N	N	N	N
MV287C3	N	N	N	N	N	N	N	N	N	70	N
MV290C3	2	N	N	N	N	<10	150	N	N	50	N
MV294C3	2	N	N	N	N	N	100	N	<50	N	N
MV297C3	<2	N	N	N	N	<10	200	N	50	10	20

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV227C3	N	10	1,500	N	50	N	700	N	>2,000	200
MV228C3	N	10	200	N	70	N	1,000	N	>2,000	200
MV229C3	N	10	50	200	70	N	700	N	>2,000	200
MV230C3	N	10	100	700	100	N	700	N	>2,000	N
MV231C3	N	10	700	N	70	N	1,500	N	>2,000	200
MV232C3	N	10	300	2,000	50	N	300	N	>2,000	<200
MV233C3	N	30	1,000	200	70	N	1,000	N	>2,000	<200
MV234C3	N	10	100	700	70	N	700	N	>2,000	N
MV235C3	N	10	1,000	700	100	N	700	N	>2,000	N
MV236C3	N	30	50	200	100	N	700	N	>2,000	200
MV237C3	N	10	N	1,000	50	N	150	N	>2,000	N
MV238C3	N	30	200	500	70	N	500	N	>2,000	200
MV239C3	N	10	N	>10,000	70	N	300	N	>2,000	N
MV240C3	N	10	50	>10,000	70	N	500	N	>2,000	N
MV241C3	N	70	500	200	70	N	1,000	N	>2,000	200
MV242C3	N	70	70	200	100	N	700	N	>2,000	<200
MV243C3	N	10	20	500	50	N	150	N	>2,000	N
MV244C3	N	10	100	300	70	N	500	N	>2,000	N
MV245C3	N	70	200	200	100	N	1,500	N	>2,000	<200
MV246C3	N	30	70	N	70	N	1,000	N	>2,000	N
MV247C3	N	50	N	200	50	N	700	N	>2,000	N
MV248C3	N	30	N	200	50	N	500	N	>2,000	N
MV249C3	N	50	300	200	50	N	500	N	>2,000	N
MV250C3	N	70	100	200	70	N	1,000	N	>2,000	N
MV252C3	N	50	N	200	50	N	150	N	>2,000	N
MV257C3	N	20	N	500	50	N	200	N	>2,000	N
MV259C3	N	30	N	200	20	N	150	N	>2,000	N
MV260C3	N	15	N	200	50	N	100	N	>2,000	N
MV261C3	N	N	N	200	20	N	20	N	100	N
MV262C3	N	15	N	1,000	100	N	700	N	>2,000	N
MV263C3	N	20	N	200	20	N	200	N	>2,000	N
MV264C3	N	50	N	300	20	N	200	N	>2,000	N
MV267C3	N	50	N	200	30	N	200	N	>2,000	N
MV271C3	N	N	N	300	20	N	70	N	1,000	N
MV272C3	N	30	N	1,000	50	N	500	N	>2,000	N
MV276C3	N	N	N	1,500	200	N	500	N	2,000	N
MV279C3	N	10	20	200	50	N	70	N	>2,000	N
MV280C3	N	<10	N	500	20	N	150	N	2,000	N
MV281C3	N	20	100	N	20	N	100	N	>2,000	N
MV282C3	N	20	150	N	20	N	150	N	>2,000	N
MV284C3	N	20	N	200	20	N	100	N	>2,000	N
MV287C3	N	<10	N	200	20	N	20	N	2,000	N
MV290C3	N	20	150	N	70	N	300	N	>2,000	N
MV294C3	N	50	150	N	20	N	200	N	>2,000	N
MV297C3	N	20	100	200	70	N	300	N	>2,000	N

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV298C3	36 57 24	114 41 49	2.0	5.00	7.0	.50	300	N	N	N	<20	50
MV299C3	36 57 11	114 44 0	2.0	2.00	10.0	.15	500	N	N	N	20	100
MV300C3	36 56 33	114 44 18	.5	1.00	10.0	.05	100	N	N	N	20	50
MV301C3	36 59 28	114 44 14	10.0	2.00	10.0	.70	3,000	N	N	N	100	1,000
MV302C3	36 59 24	114 43 6	7.0	5.00	10.0	1.00	2,000	N	N	N	50	500
MV303C3	36 56 48	114 39 50	10.0	5.00	7.0	2.00	2,000	N	N	N	100	200
MV304C3	36 58 22	114 41 24	5.0	7.00	10.0	2.00	2,000	N	N	N	20	150
MV305C3	36 58 23	114 41 16	5.0	7.00	10.0	2.00	2,000	N	N	N	20	150
MV306C3	36 57 50	114 41 38	10.0	5.00	7.0	.70	3,000	N	N	N	150	500
MV307C3	36 58 41	114 38 34	10.0	5.00	5.0	2.00	3,000	N	N	N	150	500
MV308C3	36 58 45	114 40 45	5.0	5.00	7.0	2.00	3,000	N	N	N	20	200
MV309C3	36 58 41	114 39 32	10.0	5.00	7.0	2.00	3,000	N	N	N	100	200
MV310C3	36 58 45	114 39 28	10.0	5.00	7.0	2.00	2,000	N	N	N	100	150
MV311C3	36 57 52	114 39 29	7.0	5.00	7.0	1.50	2,000	N	N	N	150	300
MV312C3	36 58 10	114 38 33	15.0	2.00	5.0	2.00	3,000	N	N	N	200	500
MV313C3	36 58 39	114 38 4	15.0	5.00	7.0	2.00	3,000	N	N	N	70	200
MV314C3	37 0 36	114 36 58	15.0	2.00	5.0	2.00	2,000	N	N	N	50	200
MV315C3	37 1 47	114 36 58	10.0	5.00	7.0	1.50	2,000	N	N	N	100	200
MV316C3	37 1 43	114 35 58	10.0	2.00	5.0	2.00	2,000	N	N	N	100	5,000
MV317C3	37 2 10	114 35 30	7.0	2.00	5.0	2.00	2,000	N	N	N	150	10,000
MV318C3	37 2 40	114 35 25	7.0	2.00	5.0	2.00	2,000	N	N	N	150	10,000
MV319C3	37 2 57	114 34 30	7.0	7.00	10.0	1.00	3,000	N	N	N	100	2,000
MV320C3	37 3 30	114 34 9	5.0	5.00	7.0	2.00	3,000	N	N	N	20	2,000
MV321C3	37 4 9	114 34 21	7.0	5.00	7.0	1.50	3,000	N	N	N	20	5,000
MV322C3	37 4 19	114 32 33	20.0	5.00	7.0	2.00	5,000	N	N	N	50	300
MV323C3	37 4 37	114 31 33	10.0	5.00	7.0	1.00	7,000	N	N	N	50	1,500
MV324C3	37 5 29	114 30 24	10.0	2.00	2.0	2.00	2,000	N	N	N	150	700
MV325C3	37 6 31	114 30 4	10.0	5.00	5.0	2.00	3,000	N	N	N	70	200
MV326C3	37 6 53	114 30 2	10.0	5.00	7.0	1.50	3,000	N	N	N	50	200
MV327C3	37 7 58	114 31 30	20.0	1.50	1.5	>2.00	5,000	N	N	N	70	500
MV328C3	37 8 23	114 32 21	10.0	1.00	1.5	>2.00	3,000	N	N	N	100	200
MV329C3	37 8 20	114 33 50	20.0	1.50	1.5	2.00	10,000	N	N	N	150	700

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV298C3	N	N	N	N	N	<10	50	N	<50	10	20
MV299C3	N	N	N	N	150	10	200	N	N	30	20
MV300C3	N	N	N	N	100	15	150	N	N	70	N
MV301C3	5	N	N	50	100	70	200	30	70	100	200
MV302C3	2	N	N	30	100	50	300	30	70	70	150
MV303C3	5	N	N	20	300	30	1,500	30	300	70	70
MV304C3	2	N	N	20	150	20	500	N	200	20	50
MV305C3	2	N	N	20	150	<10	700	N	200	<50	50
MV306C3	5	N	N	100	200	70	700	30	100	150	150
MV307C3	5	N	N	20	300	30	2,000	30	300	70	150
MV308C3	2	N	N	20	300	10	1,000	N	200	70	100
MV309C3	5	N	N	20	300	30	2,000	30	300	70	100
MV310C3	5	N	N	20	200	30	2,000	30	300	70	70
MV311C3	5	N	N	20	200	30	2,000	N	200	30	150
MV312C3	5	N	N	20	200	30	2,000	30	300	50	70
MV313C3	5	N	N	20	300	30	2,000	30	300	70	70
MV314C3	7	N	N	20	200	30	2,000	30	300	30	100
MV315C3	5	N	N	30	300	30	2,000	20	300	70	70
MV316C3	5	N	N	20	300	50	2,000	30	500	70	100
MV317C3	5	N	N	20	300	50	2,000	30	200	70	70
MV318C3	5	N	N	20	300	50	2,000	30	200	70	70
MV319C3	2	N	N	70	700	30	700	N	100	100	50
MV320C3	5	N	N	20	300	30	2,000	N	300	70	50
MV321C3	5	N	N	20	300	30	1,000	N	300	70	70
MV322C3	5	N	N	20	300	30	>2,000	30	300	70	200
MV323C3	5	N	N	100	300	70	500	30	100	100	150
MV324C3	5	N	N	50	300	70	2,000	30	200	70	100
MV325C3	2	N	N	30	300	70	2,000	30	200	70	150
MV326C3	2	N	N	30	500	50	2,000	30	200	70	100
MV327C3	7	N	N	10	200	70	2,000	30	300	20	150
MV328C3	7	N	N	10	150	70	2,000	30	300	20	300
MV329C3	7	70	N	30	200	70	>2,000	70	300	30	1,500

Table 4.--Spectrographic Analyses of Non-magnetic Fractions of Heavy-mineral Concentrate from Stream Sediment Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada--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
MV298C3	N	15	70	200	50	N	150	N	>2,000	N
MV299C3	N	N	N	700	50	N	200	N	1,000	N
MV300C3	N	N	N	700	50	N	200	N	700	N
MV301C3	N	10	N	N	100	N	150	N	>2,000	N
MV302C3	N	70	N	N	150	N	200	N	>2,000	N
MV303C3	N	100	70	N	150	N	700	N	>2,000	<200
MV304C3	N	100	20	N	100	N	500	N	500	N
MV305C3	N	100	20	N	100	N	700	N	2,000	N
MV306C3	N	150	N	N	150	N	200	N	2,000	N
MV307C3	N	100	70	N	150	N	500	N	>2,000	<200
MV308C3	N	100	20	N	150	N	500	N	>2,000	N
MV309C3	N	100	50	N	150	N	500	N	>2,000	<200
MV310C3	N	100	50	N	150	N	500	N	>2,000	N
MV311C3	N	70	50	N	150	N	500	N	>2,000	<200
MV312C3	N	100	300	N	200	N	500	N	>2,000	<200
MV313C3	N	100	150	N	200	N	500	N	>2,000	<200
MV314C3	N	70	500	N	150	N	500	N	>2,000	200
MV315C3	N	100	100	N	200	N	500	N	>2,000	<200
MV316C3	N	100	70	N	200	N	500	N	>2,000	<200
MV317C3	N	100	70	200	200	N	500	N	>2,000	<200
MV318C3	N	100	70	200	200	N	500	N	>2,000	<200
MV319C3	N	150	N	200	200	N	300	N	>2,000	N
MV320C3	N	150	20	N	150	N	1,000	N	>2,000	N
MV321C3	N	100	20	N	150	N	300	N	>2,000	N
MV322C3	N	150	300	N	200	N	700	N	>2,000	200
MV323C3	N	100	20	200	200	N	200	N	2,000	N
MV324C3	N	100	70	N	200	N	700	N	>2,000	N
MV325C3	N	100	200	N	150	N	700	N	>2,000	N
MV326C3	N	150	70	N	200	N	500	N	>2,000	N
MV327C3	N	70	1,000	N	100	N	700	N	>2,000	N
MV328C3	N	50	2,000	N	100	N	700	N	>2,000	N
MV329C3	N	100	>2,000	N	150	N	1,000	N	>2,000	200

Table 5--Spectrographic Analyses of Rock Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

[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
MV071R	37 5 53	114 38 45	3.00	.05	.2	.200	500	N	N	N
MV164R	37 15 3	114 32 28	2.00	.10	.1	.200	1,000	N	N	N
MV165R	37 14 35	114 33 40	1.00	.05	.2	.050	100	N	N	N
MV171R	37 14 12	114 35 13	.50	.20	1.0	.010	200	N	N	N
MV172R	37 13 53	114 35 31	.70	.02	.2	.020	200	N	N	N
MV208R	37 14 47	114 37 2	2.00	.02	.1	.200	500	N	N	N
MV217R	37 10 46	114 39 45	10.00	2.00	3.0	1.000	1,000	N	N	N
MV224R	37 8 20	114 39 10	3.00	.05	.1	.100	700	N	N	N
MV250R	36 52 5	114 40 58	7.00	2.00	2.0	.700	500	N	N	N
MV253R	36 51 15	114 43 45	.10	.20	10.0	.010	20	N	N	N
MV258RA	36 51 11	114 48 17	<.05	.70	20.0	.005	10	N	N	N
MV258RB	36 51 11	114 48 17	.05	.50	>20.0	.010	100	N	N	N
MV261R	36 52 25	114 49 41	<.05	5.00	10.0	.005	50	N	N	N
MV264R	36 52 52	114 49 48	2.00	.70	1.0	.100	500	N	N	N
MV271RA	36 56 40	114 45 27	1.00	.05	.2	.050	200	N	N	N
MV271RB	36 56 40	114 45 27	2.00	.20	.5	.300	200	N	N	N
MV271RC	36 56 40	114 45 27	1.00	.50	3.0	.100	500	N	N	N
MV316R	37 1 43	114 35 58	1.00	2.00	5.0	.200	200	N	N	N
MV319R	37 2 57	114 34 30	.50	.20	10.0	.100	70	N	N	N

Table 5--Spectrographic Analyses of Rock Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
MV071R	70	<20	10	N	N	<10	100	N	70	10
MV164R	50	<20	7	N	N	<10	100	N	70	10
MV165R	50	<20	3	N	N	<10	20	N	N	5
MV171R	<10	<20	10	N	N	<10	20	N	20	5
MV172R	20	<20	7	N	N	<10	20	N	20	5
MV208R	30	100	7	N	N	<10	150	N	50	70
MV217R	<10	700	1	N	30	70	50	N	N	5
MV224R	10	50	3	N	N	<10	200	N	20	20
MV250R	<10	2,000	1	N	20	70	100	N	N	N
MV253R	N	<20	N	N	N	10	N	N	N	N
MV258RA	N	N	N	N	N	<10	N	N	N	N
MV258RB	N	N	N	N	N	10	N	N	N	N
MV261R	N	N	N	N	N	<10	N	N	N	N
MV264R	30	<20	5	N	N	<10	100	N	30	N
MV271RA	20	100	3	N	N	<10	50	N	N	<5
MV271RB	10	20	3	N	7	<10	20	N	N	5
MV271RC	<10	200	2	N	N	<10	50	N	N	<5
MV316R	50	200	<1	N	N	30	20	N	N	15
MV319R	10	100	N	N	N	20	20	N	N	10

Table 5--Spectrographic Analyses of Rock Samples from the Meadow Valley Mountains Wilderness Study Area, Lincoln and Clark Counties, Nevada

Sample	Pb-ppm s	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
MV071R	70	N	5	10	N	10	N	100	N	1,000	N
MV164R	70	N	5	<10	N	10	N	100	N	1,000	N
MV165R	30	N	N	N	N	10	N	50	N	100	N
MV171R	50	N	N	N	500	10	N	50	N	100	N
MV172R	30	N	N	N	N	10	N	50	N	100	N
MV208R	50	N	N	N	N	10	N	100	N	1,000	N
MV217R	10	N	20	N	200	150	N	30	N	500	N
MV224R	70	N	N	N	N	10	N	50	N	500	N
MV250R	15	N	20	N	500	150	N	20	N	200	N
MV253R	N	N	N	N	200	10	N	N	N	N	N
MV258RA	N	N	N	N	100	10	N	N	N	N	N
MV258RB	N	N	N	N	200	10	N	N	N	N	N
MV261R	N	N	N	N	N	10	N	N	N	N	N
MV264R	70	N	N	N	N	10	N	70	N	700	N
MV271RA	50	N	N	N	N	10	N	20	N	100	N
MV271RB	50	N	7	N	N	20	N	30	N	200	N
MV271RC	20	N	5	N	200	20	N	30	N	150	N
MV316R	20	N	5	N	N	20	N	15	N	200	N
MV319R	10	N	N	N	N	20	N	10	N	150	N

TABLE 6.--Descriptions of rock samples from the Meadow Valley Mountains Wilderness Study Area

Sample Number	Description
MV071R	Extrusive felsic
MV164R	Extrusive felsic
MV165R	Extrusive felsic
MV171R	Extrusive felsic
MV172R	Extrusive felsic
MV208R	Extrusive felsic
MV217R	Quartzite
MV224R	Extrusive felsic
MV250R	Extrusive felsic
MV253R	Limestone
MV258RA	Limestone
MV258RB	Marble
MV261R	Limestone
MV264R	Extrusive felsic
MV271RA	Extrusive felsic
MV271RB	Extrusive felsic
MV271RC	Extrusive felsic
MV316R	Argillaceous sandstone
MV319R	Argillaceous sandstone