UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Analytical results and sample locality map of stream-sediment and panned-concentrate samples from the Inyo Mountains (CDCA 122), Hunter Mountains (CDCA 123), Panamint (CDCA 127), and Wildrose (CDCA 134) Wilderness Study Areas, Inyo County, California

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CONTENTS

TABLES

ILLUSTRATIONS

STUDIES RELATED TO WILDERNESS

Bureau of Land Management Wilderness Study Areas

The Federal Land Policy and Management 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 resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a mineral survey of the Inyo Mountains (CDCA 122) Hunter Mountains (CDCA 123), Panamint (CDCA 127), and Wildrose (CDCA 134) Wilderness Study Area, Inyo County, California.

INTRODUCTION

In April, 1982 and 1983 we conducted a reconnaissance geochemical survey of the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.

The Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas comprise about 284.6 mi^2 (740.0 km) in Inyo County and lie between Death Valley National Monument to the east and Owens Valley to the west. Access to the vicinity of the study area is provided on California State Highway 190. Access to the study areas is provided by county roads serviced by California State Highway 190.

The general geology of the four study areas consists of approximately 12,000 to 15,000 feet of Paleozoic sediments, mostly of marine origin, intruded by quartz-monzonite and associated coarse grained intrusives ranging from diorite to leucogranite of Mesozoic age. These units are overlain by sedimentary and volcanic rocks of Tertiary and Quaternary age. The area is characterized by major folding and faulting that trends northwest. The individual formations have been described in detail by Hall and MacKevett (1962).

The topographic relief in the study area is about 10,000 ft (3048 m), with a maximum elevation of 11,000 ft (3352.8 m). The ground surface is mountainous terrain cut by intermittent streams. Cenozoic fanglomerates and playa deposits flank the base of the mountains northwest trending ranges. The climate is arid to semiarid.

METHODS OF STUDY

Sample Collection

We collected samples at 330 sites (plate 1). At nearly all of those sites, we collected both a stream-sediment sample and a heavy-mineral concentrate. We analyzed 330 stream-sediment samples and 325 panned-concentrate samples for a sampling density of about 1 sample per 1 mi^2 for the stream sediment and heavy-mineral concentrate. The drainage basins ranged from 4 mi^2 to 10 mi^2.

Stream-sediment samples

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits.

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale = 1:62,500). Each sample was composited from several localities within an area that may extend as much as 50 ft from the site plotted on the map.

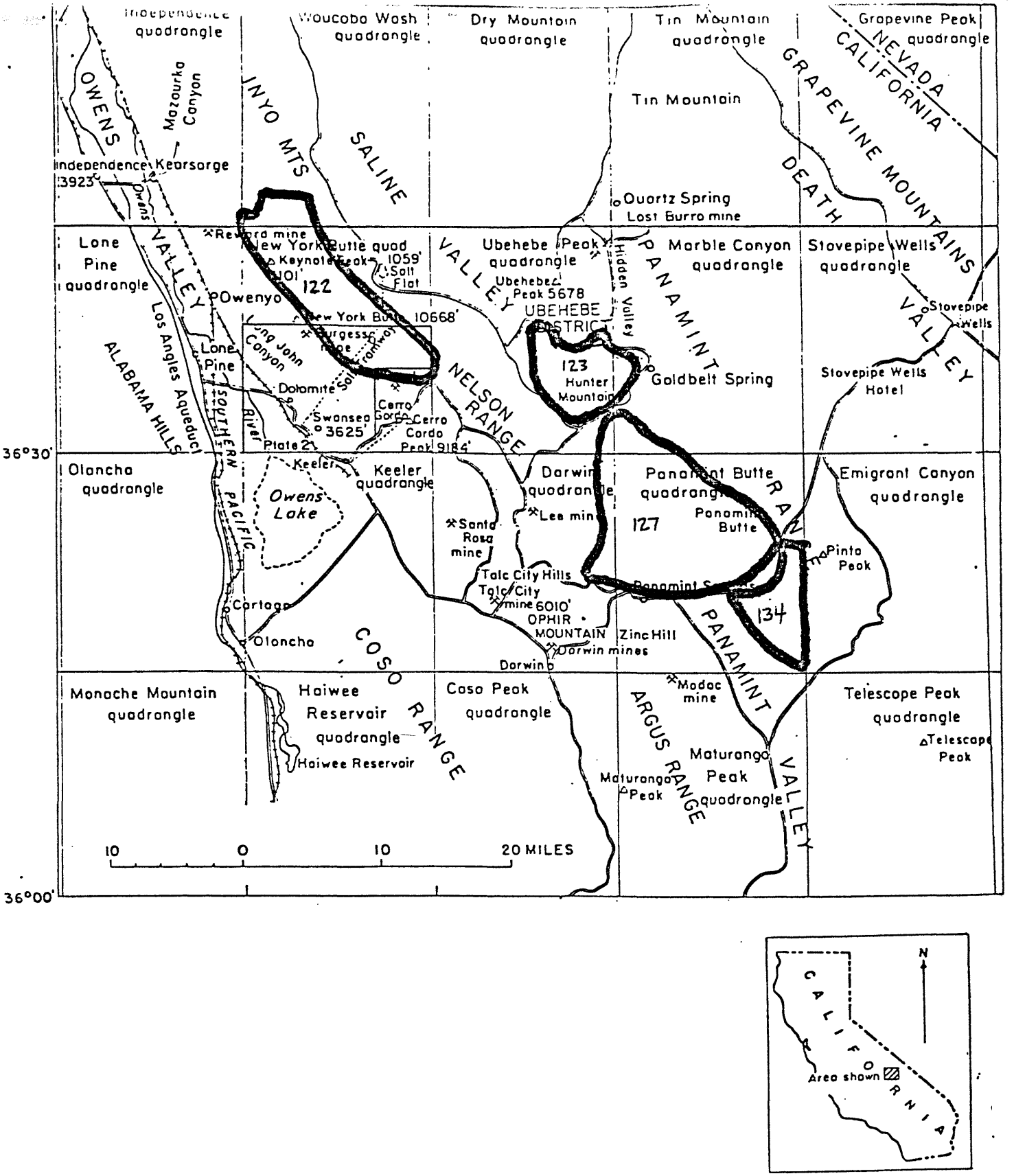

Figure 1.--Location map of the Inyo Mountains (122), Hunter Mountains (123), Panamint (127), and Wildrose (134) Wilderness Study Areas, Inyo County, California

Heavy-mineral-concentrate samples

We panned heavy-mineral-concentrate samples from the same active alluvium as the stream-sediment samples. Each bulk sample was passed through a 2.0-mm (10-mesh) screen to remove the coarse material. The sediment passing through the screen was panned until most of the quartz, feldspar, organic, and clay-sized material was removed. The sample was air dried.

Sample Preparation

We sieved the stream-sediment samples at the collection site through a 80-mesh screen and the minus 80-mesh material was retained. The samples were air dried. The portion of the sediment passing through the sieve was saved for analysis.

After panning additional sediment, we used bromoform to separate and remove the remaining quartz and feldspar from the heavy-mineral concentrate. The heavy minerals (specific gravity 2.8 and above) were separated into three fractions using a large 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 ore and ore-related minerals) was divided into two splits using a Jones splitter. One split was hand ground for spectrographic analysis; the other split was saved for mineralogical analysis.

The magnetic separates discussed are the same separates that would be produced by removing the magnetite with a hand magnet and then 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 ilmenite, and a current of 1.0 ampere to split the remainder of the sample into magnetic and nonmagnetic fractions.

Sample Analysis

Spectrographic method

We analyzed the stream-sediment and heavy-mineral-concentrate samples for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968) (Table 3). 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 unit at the 83 percent confidence level and plus or minus two reporting units at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram) (table 1).

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

ROCK ANALYSIS STORAGE SYSTEM

Upon completion of all analytical work, the analytical results were entered into a computer-based file called RASS (Rock Analysis Storage System). This RASS file contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a standard form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1976).

REFERENCES CITED

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

Hall, W. E., and MacKevett, E. M., Jr., 1962, Geology and ore deposits of the Darwin quadrangle, Inyo County, California: U.S. Geological Survey Professional Paper 368, 87 p.

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

VanTrump, George, Jr., and Miesch, A. T., 1976, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v. 3, p. 475-488.

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.
[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
IMS001	36 22 58	117 37 50	5.0	5.0	5.0	.50	1,000	<.5	N	N	100	1,000
IMS002	36 24 8	117 38 3	10.0	5.0	5.0	.70	1,000	<.5	N	N	100	700
IMS003	36 26 15	117 37 5	5.0	3.0	15.0	.30	700	<.5	N	N	100	700
IMS005	36 31 38	117 39 13	10.0	5.0	5.0	.50	1,000	<.5	N	N	50	1,000
IMS007	36 31 33	117 40 1	7.0	5.0	3.0	.50	700	<.5	N	N	70	1,000
IMS008	36 32 17	117 40 20	10.0	5.0	5.0	.50	1,000	<.5	N	N	70	1,000
IMS009	36 32 20	117 40 23	15.0	5.0	3.0	.70	700	<.5	N	N	50	700
IMS010	36 33 13	117 43 29	5.0	1.5	10.0	.30	500	.7	N	N	150	1,000
IMS011	36 33 40	117 43 37	3.0	5.0	10.0	.30	500	.7	N	N	150	700
IMS012	36 33 38	117 43 53	5.0	5.0	10.0	.50	1,000	.5	N	N	150	1,000
IMS013	36 34 3	117 44 20	5.0	3.0	15.0	.50	700	.5	N	N	100	1,000
IMS014	36 34 7	117 44 10	5.0	2.0	7.0	.50	700	.5	N	N	100	500
IMS015	36 28 59	117 35 55	7.0	5.0	3.0	.70	700	N	N	N	70	1,000
IMS016	36 27 6	117 35 10	7.0	5.0	3.0	.50	700	<.5	N	N	50	700
IMS017	36 27 6	117 35 5	7.0	5.0	2.0	.50	700	N	N	N	50	1,500
IMS018	36 25 10	117 35 27	5.0	5.0	15.0	.50	700	3.0	N	N	70	700
IMS019	36 25 12	117 35 17	3.0	5.0	5.0	.50	700	<.5	N	N	50	700
IMS020	36 24 52	117 33 35	10.0	7.0	5.0	.70	1,000	.5	N	N	50	700
IMS021	36 24 49	117 33 35	5.0	5.0	5.0	.50	700	.5	N	N	50	700
IMS022	36 25 37	117 29 10	5.0	5.0	5.0	.50	700	N	N	N	70	700
IMS023	36 25 41	117 29 8	7.0	7.0	5.0	.50	1,000	N	N	N	50	700
IMS024	36 25 52	117 28 50	5.0	7.0	3.0	.50	700	N	N	N	70	700
IMS025	36 25 0	117 29 40	5.0	7.0	3.0	.50	700	<.5	N	N	70	700
IMS026	36 24 25	117 29 56	5.0	7.0	5.0	.50	700	<.5	N	N	50	700
IMS027	36 22 35	117 29 40	7.0	7.0	3.0	.50	700	<.5	N	N	50	700
IMS028	36 22 25	117 29 46	10.0	5.0	3.0	.70	1,000	N	N	N	70	700
IMS029	36 22 19	117 29 50	7.0	5.0	5.0	.50	700	N	N	N	70	700
IMS030	36 22 14	117 29 38	15.0	7.0	5.0	.70	1,000	N	N	N	70	700
IMS031	36 21 5	117 28 35	5.0	7.0	10.0	.50	700	N	N	N	100	1,000
IMS032	36 27 44	117 28 30	7.0	1.0	3.0	.70	700	N	N	N	30	700
IMS033	36 27 40	117 28 38	15.0	.7	.7	.50	500	N	N	N	50	300
IMS034	36 28 35	117 27 38	7.0	1.5	3.0	.50	500	N	N	N	30	700
IMS035	36 27 46	117 25 42	15.0	1.0	1.0	.50	500	N	N	N	30	500
IMS036	36 27 46	117 25 38	7.0	1.5	2.0	.50	700	N	N	N	150	700
IMS037	36 27 15	117 25 3	5.0	1.5	3.0	.50	1,000	N	N	N	100	700
IMS038	36 26 38	117 24 23	5.0	1.5	3.0	.50	700	N	N	N	100	700
IMS039	36 26 20	117 24 10	7.0	2.0	3.0	.50	1,000	N	N	N	100	700
IMS040	36 25 53	117 23 50	1.5	10.0	20.0	.10	300	N	N	N	10	150
IMS041	36 24 36	117 22 50	1.0	10.0	20.0	.15	500	N	N	N	10	200
IMS042	36 24 24	117 22 15	1.5	5.0	20.0	.10	300	<.5	N	N	15	300
IMS043	36 23 45	117 21 28	1.5	7.0	20.0	.15	300	N	N	N	70	300
IMS044	36 23 44	117 18 55	5.0	10.0	15.0	.20	500	N	N	N	50	300
IMS045	36 23 39	117 18 52	7.0	7.0	15.0	.30	700	N	N	N	100	500
IMS046	36 22 29	117 20 32	5.0	7.0	15.0	.20	500	N	N	N	70	500

INS048	36 15 40	117 15 34	7.0	7.0	10.0	.50	1,000	<.5	N	N	100	700	

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.

Sample	Be-ppm	Bi-ppm	Ca-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm
	s	s	s	s	s	s	s	s	s	s	s
IMS001	3.0	N	N	20	200	20	50	N	30	70	50
IMS002	3.0	N	N	30	200	30	100	N	50	70	70
IMS003	2.0	N	N	15	70	20	70	N	<20	30	70
IMS005	3.0	N	N	30	100	30	100	N	50	70	70
IMS007	2.0	N	N	20	100	30	70	N	<20	30	70
IMS008	2.0	N	N	20	100	30	100	N	20	50	70
IMS009	1.5	20	N	30	100	50	70	N	20	50	50
IMS010	2.0	N	N	15	100	20	50	N	<20	50	100
IMS011	2.0	N	N	15	150	15	70	N	<20	50	50
IMS012	3.0	N	N	15	100	20	100	N	<20	50	70
IMS013	2.0	N	N	15	70	20	70	N	<20	30	100
IMS014	2.0	N	N	20	150	20	100	N	20	50	70
IMS015	2.0	N	N	50	500	30	100	N	50	100	50
IMS016	3.0	N	N	30	150	20	100	N	30	70	50
IMS017	3.0	N	<20	30	200	30	100	N	50	70	50
IMS018	3.0	N	N	30	150	50	100	7	30	50	300
IMS019	3.0	N	N	30	150	30	150	N	20	50	70
IMS020	3.0	N	N	30	300	50	150	7	50	150	70
IMS021	2.0	N	N	30	200	30	100	N	20	70	100
IMS022	3.0	N	N	30	200	30	150	N	20	100	50
IMS023	2.0	N	N	50	700	50	100	N	20	150	50
IMS024	7.0	N	N	30	200	30	100	N	20	100	50
IMS025	1.5	N	N	30	300	30	100	N	20	70	50
IMS026	1.5	N	N	30	200	70	70	N	<20	70	50
IMS027	1.5	N	N	30	300	30	100	N	20	100	50
IMS028	2.0	N	N	30	300	50	100	N	30	100	50
IMS029	2.0	N	N	30	300	30	100	N	30	70	50
IMS030	1.5	<10	N	50	300	50	150	N	50	100	50
IMS031	2.0	N	N	30	200	30	100	N	20	50	70
IMS032	2.0	N	N	30	50	20	200	7	70	15	30
IMS033	<1.0	<10	N	50	100	30	70	N	20	30	30
IMS034	3.0	N	N	20	70	20	150	N	30	20	50
IMS035	2.0	<10	N	50	70	20	200	N	20	20	50
IMS036	3.0	N	N	20	70	20	150	N	50	15	30
IMS037	3.0	N	N	20	50	30	150	N	20	20	50
IMS038	3.0	N	N	20	20	50	150	N	20	10	50
IMS039	3.0	N	N	30	70	50	150	N	30	30	50
IMS040	<1.0	N	N	7	50	10	N	N	N	20	200
IMS041	<1.0	N	N	5	100	7	N	N	N	15	30
IMS042	1.0	N	N	10	70	10	N	N	N	15	50
IMS043	1.5	N	N	10	30	15	<20	N	N	10	30
IMS044	1.5	N	N	20	100	15	<20	N	N	30	20
IMS045	2.0	N	N	20	70	20	100	N	<20	30	50
IMS046	1.5	N	N	15	70	15	50	N	<20	20	50
IMS048	3.0	N	N	30	150	50	100	7	50	70	70

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.

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
IMS001	N	20	N	700	100	N	50	N	150	N
IMS002	N	20	N	700	300	N	50	N	500	N
IMS003	N	15	N	700	100	N	30	N	300	N
IMS005	N	20	N	700	200	N	50	N	300	N
IMS007	N	15	N	700	150	N	30	N	300	N
IMS008	N	20	N	700	200	N	50	N	500	N
IMS009	N	15	N	500	300	N	50	N	500	N
IMS010	N	15	N	500	100	N	70	N	300	N
IMS011	N	15	N	500	70	N	30	N	200	N
IMS012	N	20	N	700	100	N	50	N	300	N
IMS013	N	15	N	500	100	N	50	N	500	N
IMS014	N	15	N	500	100	N	50	N	300	N
IMS015	N	30	N	700	200	N	70	N	300	N
IMS016	N	15	N	700	200	N	50	N	200	N
IMS017	N	20	N	700	200	N	50	N	500	200
IMS018	N	15	N	700	150	N	50	300	200	N
IMS019	N	20	N	700	150	N	50	N	200	N
IMS020	N	30	N	700	200	N	70	N	1,000	N
IMS021	N	20	N	700	100	N	50	N	300	N
IMS022	N	20	N	700	150	N	70	N	500	N
IMS023	N	30	N	700	200	N	70	N	500	N
IMS024	N	20	N	700	150	N	70	N	300	N
IMS025	N	20	N	700	100	N	50	N	300	N
IMS026	N	20	N	700	100	N	50	N	200	N
IMS027	N	30	N	700	100	N	50	N	300	N
IMS028	N	30	N	700	300	N	70	N	1,000	N
IMS029	N	30	N	700	200	N	70	N	200	N
IMS030	N	20	N	500	300	N	70	N	1,000	<100
IMS031	N	20	N	700	200	N	70	N	500	N
IMS032	N	10	N	700	200	N	70	N	700	N
IMS033	N	7	N	500	500	N	30	N	700	N
IMS034	N	15	N	700	150	N	50	N	500	N
IMS035	N	10	N	500	300	N	50	N	1,000	N
IMS036	N	15	N	700	200	N	70	N	500	N
IMS037	N	20	N	700	200	N	70	N	150	N
IMS038	N	15	N	1,000	150	N	50	N	200	N
IMS039	N	20	N	1,000	200	N	70	N	500	N
IMS040	N	<5	N	300	30	N	15	N	70	N
IMS041	N	5	N	700	30	N	20	N	100	N
IMS042	N	7	N	1,000	30	N	30	N	70	N
IMS043	N	7	N	700	50	N	30	N	150	N
IMS044	N	10	N	500	100	N	30	N	200	N
IMS045	N	15	N	700	200	N	50	N	300	N
IMS046	N	10	N	700	100	N	30	N	200	N
IMS048	N	20	N	500	100	N	50	N	200	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS049	36 16 29	117 16 50	5.0	3.0	5.0	.30	1,000	N	N	N	100	700
IMS050	36 17 44	117 17 58	7.0	2.0	5.0	.50	1,000	N	N	N	100	700
IMS051	36 18 28	117 18 32	5.0	3.0	5.0	.50	500	N	N	N	100	500
IMS052	36 19 24	117 19 38	7.0	5.0	5.0	.30	700	<.5	N	N	70	500
IMS053	36 21 22	117 18 46	5.0	5.0	5.0	.30	500	N	N	N	50	300
IMS054	36 21 46	117 18 47	5.0	7.0	15.0	.20	1,000	N	N	N	70	700
IMS055	36 55 12	117 56 51	3.0	2.0	15.0	.20	1,000	.7	N	N	100	300
IMS056	36 55 23	117 56 50	3.0	1.0	5.0	.15	700	2.0	N	N	100	300
IMS057	36 54 23	117 54 25	3.0	1.5	7.0	.20	700	<.5	N	N	70	500
IMS058	36 52 56	117 54 17	3.0	2.0	15.0	.20	700	.5	N	N	100	500
IMS059	36 52 43	117 54 24	3.0	5.0	7.0	.30	700	<.5	N	N	70	700
IMS060	36 52 10	117 54 15	3.0	7.0	15.0	.30	700	N	N	N	50	500
IMS061	36 50 47	117 54 33	15.0	1.5	3.0	.30	700	N	N	N	20	500
IMS062	36 49 6	117 54 53	7.0	7.0	10.0	.50	700	N	N	N	50	700
IMS063	36 37 10	117 38 55	20.0	.5	1.0	.50	700	N	N	N	20	300
IMS064	36 40 20	117 49 34	5.0	5.0	15.0	.30	500	3.0	300	N	100	700
IMS065	36 40 18	117 49 34	5.0	5.0	10.0	.30	500	3.0	N	N	100	700
IMS067	36 42 3	117 50 55	5.0	7.0	15.0	.30	700	<.5	N	N	100	500
IMS068	36 44 12	117 52 5	10.0	7.0	5.0	.50	1,000	N	N	N	50	700
IMS069	36 26 18	117 36 50	2.0	5.0	20.0	.30	500	200.0	N	N	30	>5,000
IMS069R	36 26 18	117 36 50	10.0	2.0	20.0	.70	1,000	500.0	N	N	70	>5,000
IMS070	36 30 14	117 36 13	5.0	5.0	5.0	.50	1,000	.5	N	N	70	700
IMS071	36 30 55	117 34 5	10.0	5.0	5.0	.50	1,000	<.5	N	N	70	700
IMS072	36 31 59	117 33 30	7.0	3.0	5.0	.50	1,000	N	N	N	30	700
IMS074	36 35 46	117 44 46	3.0	5.0	20.0	.30	700	<.5	N	N	50	500
IMS075	36 34 41	117 47 37	2.0	7.0	20.0	.30	500	<.5	N	N	30	300
IMS076	36 35 16	117 48 38	1.5	5.0	20.0	.20	300	<.5	N	N	30	200
IMS084	36 26 31	117 36 59	5.0	3.0	20.0	.30	500	2.0	N	N	30	500
IMS084R	36 26 31	117 36 59	7.0	3.0	>20.0	1.00	1,500	5.0	N	N	100	1,000
IMS087	36 56 28	117 56 17	5.0	3.0	10.0	.50	1,000	.5	N	N	200	500
IMS091	36 34 33	117 46 43	7.0	7.0	20.0	1.00	1,500	.7	N	N	50	1,000
IMS093	36 35 20	117 48 42	2.0	2.0	>20.0	.50	500	N	N	N	20	300
IMS094	36 35 17	117 48 43	7.0	5.0	>20.0	1.00	1,000	.5	N	N	70	1,000
IMS095	36 34 50	117 47 51	1.5	2.0	>20.0	.20	500	<.5	N	N	30	500
IMS097	36 33 25	117 47 22	7.0	7.0	20.0	.70	1,500	15.0	N	N	70	700
IMS099	36 33 42	117 46 55	10.0	3.0	10.0	>1.00	1,500	.5	N	N	50	2,000
IMS100	36 34 3	117 46 59	3.0	5.0	20.0	.50	1,000	.5	N	N	50	700
IMS101	36 33 56	117 47 21	5.0	7.0	15.0	.50	1,500	1.0	N	N	50	700
IMS102	36 33 51	117 47 24	5.0	7.0	>20.0	.70	1,000	2.0	N	N	50	700
IMS105	36 25 50	117 23 23	1.0	>10.0	>20.0	.07	500	<.5	N	N	10	70
IMS109	36 34 10	117 46 1	5.0	7.0	20.0	1.00	1,000	.7	N	N	50	700
IMS113	36 31 55	117 33 30	15.0	5.0	10.0	>1.00	2,000	<.5	N	N	70	1,000
IMS200	36 32 8	117 34 5	7.0	5.0	2.0	.50	1,000	<.5	N	N	50	700
IMS201	36 32 33	117 33 59	15.0	2.0	7.0	.50	700	N	N	N	30	500
IMS202	36 33 10	117 34 35	5.0	5.0	3.0	.50	1,000	N	N	N	50	700

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Be-ppm	Bi-ppm	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm
	s	s	s	s	s	s	s	s	s	s	s
IMS049	3.0	N	N	20	150	30	100	7	30	50	50
IMS050	3.0	N	N	30	150	30	150	<5	50	50	70
IMS051	2.0	N	N	15	70	20	70	N	<20	30	50
IMS052	2.0	N	N	30	200	30	50	N	<20	50	70
IMS053	1.5	N	N	30	200	30	100	N	<20	70	50
IMS054	3.0	N	N	15	50	30	70	N	<20	20	50
IMS055	5.0	N	N	15	50	20	70	50	50	20	300
IMS056	5.0	N	N	15	50	30	50	70	N	15	1,500
IMS057	3.0	N	N	20	50	20	50	10	30	30	150
IMS058	3.0	N	N	15	50	15	70	10	<20	20	100
IMS059	3.0	N	N	20	50	20	100	N	<20	30	100
IMS060	2.0	N	N	15	50	15	50	N	<20	20	70
IMS061	3.0	<10	N	15	30	15	150	N	50	7	70
IMS062	3.0	N	N	20	70	30	150	<5	30	30	50
IMS063	1.0	10	N	50	50	50	200	N	50	30	30
IMS064	1.5	N	N	15	70	30	50	<5	<20	30	100
IMS065	1.5	N	N	20	150	20	100	N	<20	30	100
IMS067	1.0	N	N	20	30	20	<20	N	<20	20	50
IMS068	2.0	<10	N	30	70	30	100	N	20	30	30
IMS069	<1.0	N	200	10	70	300	N	30	N	50	20,000
IMS069R	N	N	200	15	200	1,000	50	N	N	30	>20,000
IMS070	2.0	N	N	20	200	30	<20	N	<20	50	70
IMS071	3.0	<10	N	30	100	30	70	N	20	50	50
IMS072	2.0	N	N	20	50	20	70	N	<20	30	20
IMS074	1.0	N	N	15	70	15	N	N	N	30	70
IMS075	1.5	N	N	10	70	15	50	N	N	20	100
IMS076	1.0	N	N	10	70	10	50	N	N	20	70
IMS084	1.5	N	N	15	100	15	50	N	<20	30	100
IMS084R	N	N	N	20	200	20	100	N	N	70	200
IMS087	2.0	N	N	20	70	30	100	10	<20	30	200
IMS091	<5.0	N	N	20	150	20	100	N	N	50	150
IMS093	N	N	N	10	70	10	100	N	N	20	70
IMS094	<5.0	N	N	15	50	30	100	N	N	30	200
IMS095	N	N	N	5	50	15	N	N	N	10	150
IMS097	N	15	N	20	100	70	100	N	N	30	20,000
IMS099	N	N	N	20	70	30	100	N	N	20	200
IMS100	N	N	N	10	50	20	50	N	N	15	200
IMS101	<5.0	N	N	15	70	30	70	N	N	20	500
IMS102	N	N	N	15	70	30	70	N	N	20	1,500
IMS105	N	N	N	10	50	10	N	N	N	10	100
IMS109	N	N	N	15	70	20	100	N	<20	15	200
IMS113	<5.0	N	N	30	100	30	200	N	N	50	30
IMS200	3.0	N	N	30	50	50	150	N	<20	30	50
IMS201	1.0	<10	N	30	100	30	100	N	<20	50	30
IMS202	2.0	N	N	30	50	50	100	N	20	30	50

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS049	N	20	N	500	100	N	50	N	200	N
IMS050	N	20	N	500	100	N	70	N	300	N
IMS051	N	15	N	500	70	N	50	N	200	N
IMS052	N	20	N	500	70	N	50	N	200	N
IMS053	N	20	N	500	100	N	30	N	200	N
IMS054	N	10	N	1,000	100	N	50	N	150	N
IMS055	N	10	N	200	50	N	50	N	300	N
IMS056	N	10	N	200	30	N	30	200	200	N
IMS057	N	15	N	500	70	N	30	N	200	N
IMS058	N	10	N	300	70	N	30	N	300	N
IMS059	N	15	N	700	100	N	30	N	200	N
IMS060	N	10	N	500	70	N	30	N	200	N
IMS061	N	10	N	500	300	N	70	N	300	N
IMS062	N	20	N	500	200	N	70	N	300	N
IMS063	N	10	N	300	300	N	70	N	1,000	150
IMS064	N	15	N	700	100	N	30	200	200	N
IMS065	N	15	N	700	100	N	50	200	300	N
IMS067	N	15	N	700	100	N	30	N	200	N
IMS068	N	30	N	1,000	200	N	70	N	300	N
IMS069	300	7	N	500	200	N	20	>10,000	200	N
IMS069R	700	--	10	1,000	500	N	30	10,000	--	N
IMS070	N	20	N	500	100	N	30	N	150	N
IMS071	N	20	N	500	300	N	50	N	200	N
IMS072	N	15	N	700	150	N	30	N	150	N
IMS074	N	10	N	300	100	N	30	N	300	N
IMS075	N	7	N	500	70	N	20	N	150	N
IMS076	N	7	N	300	50	N	20	N	100	N
IMS084	N	15	N	500	100	N	30	N	300	N
IMS084R	N	--	N	700	200	N	50	300	--	N
IMS087	N	15	N	300	70	N	50	N	300	N
IMS091	N	--	N	700	150	N	50	N	--	N
IMS093	N	--	N	300	50	N	20	N	--	N
IMS094	N	--	N	500	100	N	50	N	--	N
IMS095	N	--	N	300	70	N	20	N	--	N
IMS097	<100	--	30	500	150	N	50	200	--	N
IMS099	N	--	N	500	200	N	50	N	--	N
IMS100	N	--	N	500	100	N	30	N	--	N
IMS101	N	--	N	700	100	N	30	N	--	N
IMS102	N	--	20	500	100	N	30	<200	--	N
IMS105	N	--	N	100	15	N	10	N	--	N
IMS109	N	--	N	500	100	N	50	N	--	N
IMS113	N	--	N	700	300	N	70	N	--	N
IMS200	N	15	N	1,000	150	N	20	N	300	N
IMS201	N	15	N	700	300	N	30	N	500	N
IMS202	N	20	N	1,000	100	N	30	N	200	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS203	36 33 38	117 35 18	10.0	5.0	3.0	.50	1,000	N	N	N	50	700
IMS204	36 33 50	117 35 25	10.0	5.0	3.0	.70	1,000	N	N	N	30	700
IMS205	36 33 57	117 36 6	10.0	5.0	3.0	.70	700	N	N	N	15	700
IMS206	36 36 27	117 38 18	5.0	5.0	2.0	.50	500	<.5	N	N	50	500
IMS207	36 36 31	117 38 25	7.0	5.0	5.0	.50	700	<.5	N	N	50	700
IMS208	36 34 40	117 46 0	2.0	7.0	10.0	.20	500	1.0	N	N	50	500
IMS209	36 34 42	117 46 3	1.5	7.0	20.0	.15	300	<.5	N	N	20	300
IMS210	36 35 10	117 44 37	2.0	5.0	20.0	.30	500	.5	N	N	50	500
IMS211	36 34 52	117 44 37	3.0	5.0	7.0	.50	1,000	.5	N	N	100	500
IMS212	36 34 38	117 44 44	2.0	7.0	15.0	.50	700	<.5	N	N	50	500
IMS213	36 34 40	117 44 51	2.0	2.0	15.0	.50	300	<.5	N	N	70	500
IMS214	36 33 35	117 46 35	2.0	7.0	20.0	.30	500	3.0	N	N	50	500
IMS215	36 23 22	117 35 58	7.0	5.0	3.0	.70	1,000	N	N	N	50	1,000
IMS216	36 22 3	117 34 15	10.0	5.0	3.0	.70	1,000	<.5	N	N	100	1,000
IMS217	36 22 6	117 34 25	5.0	5.0	5.0	.50	1,000	<.5	N	N	100	1,000
IMS218	36 20 6	117 30 35	5.0	7.0	3.0	.50	700	N	N	N	50	700
IMS219	36 20 0	117 30 35	10.0	2.0	3.0	.50	1,000	1.5	N	N	50	1,000
IMS220	36 22 25	117 16 55	3.0	10.0	15.0	.50	500	N	N	N	70	500
IMS221	36 21 35	117 17 20	3.0	5.0	2.0	.50	500	N	N	N	100	500
IMS222	36 21 23	117 17 38	3.0	7.0	7.0	.50	500	N	N	N	70	500
IMS223	36 20 45	117 20 45	5.0	7.0	10.0	.50	500	N	N	N	20	300
IMS227	36 27 0	117 29 25	15.0	1.5	2.0	.70	700	<.5	N	N	50	700
IMS228	36 28 29	117 30 50	10.0	2.0	2.0	.50	1,000	N	N	N	70	700
IMS229	36 28 44	117 30 59	5.0	2.0	3.0	.50	1,000	.5	N	N	100	1,000
IMS230	36 28 43	117 31 1	10.0	2.0	2.0	.70	1,000	<.5	N	N	100	700
IMS231	36 28 40	117 31 40	10.0	2.0	3.0	.50	1,000	N	N	N	100	700
IMS232	36 28 38	117 31 39	10.0	2.0	3.0	.50	1,000	N	N	N	70	700
IMS233	36 28 49	117 31 32	7.0	3.0	3.0	.50	1,000	N	N	N	150	1,000
IMS234	36 26 59	117 30 22	2.0	2.0	2.0	.20	500	N	N	N	30	700
IMS235	36 27 4	117 30 23	5.0	5.0	3.0	.30	700	N	N	N	50	700
IMS236	36 27 14	117 30 10	7.0	3.0	3.0	.50	700	N	N	N	70	700
IMS237	36 25 32	117 32 10	5.0	5.0	3.0	.50	700	N	N	N	70	700
IMS238	36 25 36	117 32 9	7.0	7.0	5.0	.50	1,000	N	N	N	20	700
IMS239	36 21 53	117 31 57	5.0	3.0	3.0	.30	1,000	<.5	N	N	70	1,000
IMS240	36 21 50	117 31 55	7.0	2.0	3.0	.50	1,000	<.5	N	N	70	1,000
IMS241	36 23 40	117 30 5	7.0	3.0	10.0	.50	1,000	<.5	N	N	50	1,000
IMS242	36 30 20	117 31 45	7.0	2.0	2.0	.50	1,000	N	N	N	150	1,000
IMS243	36 30 20	117 31 42	10.0	3.0	5.0	1.00	1,000	N	N	N	50	700
IMS244	36 30 6	117 31 45	7.0	2.0	3.0	.50	1,000	N	N	N	150	700
IMS245	36 30 20	117 30 40	7.0	2.0	3.0	.50	1,000	<.5	N	N	100	1,000
IMS246	36 30 20	117 30 45	10.0	3.0	15.0	.50	1,000	N	N	N	70	1,000
IMS247	36 30 20	117 37 5	10.0	2.0	2.0	.50	1,000	N	N	N	30	1,000
IMS248	36 30 23	117 37 8	5.0	3.0	5.0	.50	1,000	N	N	N	50	1,000
IMS249	36 30 37	117 37 50	5.0	3.0	3.0	.50	1,000	N	N	N	30	700
IMS250	36 30 36	117 37 53	7.0	2.0	1.5	.50	700	N	N	N	30	700

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Be-ppm	Bi-ppm	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm
	s	s	s	s	s	s	s	s	s	s	s
IMS203	3.0	<10	N	30	70	30	100	N	20	30	30
IMS204	3.0	<10	N	30	70	30	150	N	20	30	50
IMS205	2.0	<10	N	30	50	20	100	N	<20	30	20
IMS206	1.5	N	N	20	70	20	50	N	<20	30	50
IMS207	2.0	N	N	20	70	30	100	N	20	30	50
IMS208	1.5	N	N	10	70	15	N	N	N	20	500
IMS209	1.0	N	N	7	50	7	N	N	N	15	50
IMS210	1.5	N	N	15	150	15	<20	N	N	50	70
IMS211	2.0	N	N	20	150	20	100	5	<20	70	70
IMS212	1.5	N	N	15	70	15	50	<5	<20	30	50
IMS213	1.5	N	N	15	100	15	<20	<5	<20	30	30
IMS214	1.5	N	N	15	50	30	<20	<5	<20	20	1,000
IMS215	2.0	N	N	30	200	30	150	N	50	100	100
IMS216	3.0	N	N	30	150	30	150	N	50	70	100
IMS217	2.0	N	N	30	150	20	70	N	<20	50	70
IMS218	1.5	N	N	30	150	30	50	N	20	50	100
IMS219	2.0	<10	N	30	70	30	150	N	20	20	300
IMS220	1.5	N	N	20	100	20	50	N	<20	50	100
IMS221	1.0	N	N	30	150	20	<20	N	<20	70	20
IMS222	1.5	N	N	30	150	30	50	N	<20	50	50
IMS223	1.5	N	N	30	200	30	50	7	<20	70	50
IMS227	1.5	10	N	50	150	30	70	N	20	50	70
IMS228	2.0	<10	N	30	150	30	100	N	30	50	50
IMS229	2.0	N	N	30	100	30	100	N	20	30	70
IMS230	2.0	<10	N	30	200	50	150	N	50	50	70
IMS231	2.0	N	N	30	70	50	100	N	30	30	50
IMS232	2.0	<10	N	30	100	50	100	N	20	50	70
IMS233	3.0	<10	N	30	100	50	100	N	30	30	30
IMS234	2.0	N	N	15	150	20	<20	N	N	50	20
IMS235	1.5	N	N	30	200	30	70	N	<20	100	50
IMS236	1.5	<10	N	30	200	30	70	N	20	70	100
IMS237	1.5	N	N	30	200	30	50	N	<20	150	50
IMS238	1.5	<10	N	50	500	50	50	N	<20	150	50
IMS239	2.0	<10	N	30	150	50	50	N	<20	50	150
IMS240	2.0	<10	N	30	200	30	70	N	20	70	100
IMS241	2.0	<10	N	30	200	50	70	<5	20	100	70
IMS242	2.0	<10	N	30	70	30	100	N	30	30	70
IMS243	2.0	10	N	30	150	30	200	<5	50	50	50
IMS244	3.0	<10	N	30	70	50	150	N	30	20	70
IMS245	3.0	<10	N	30	30	30	100	N	20	15	50
IMS246	2.0	<10	N	30	50	30	100	<5	<20	20	50
IMS247	3.0	10	N	30	150	30	150	<5	20	50	50
IMS248	3.0	N	N	30	150	30	70	N	20	50	70
IMS249	2.0	N	N	30	200	20	100	N	20	50	30
IMS250	2.0	N	N	20	100	20	100	N	20	30	50

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS203	N	20	N	1,000	200	N	50	N	700	N
IMS204	N	20	N	1,000	300	N	50	N	500	N
IMS205	N	20	N	1,000	200	N	50	N	300	N
IMS206	N	15	N	500	150	N	30	N	200	N
IMS207	N	15	N	700	150	N	50	N	200	N
IMS208	N	10	N	300	70	N	20	N	200	N
IMS209	N	7	N	300	30	N	20	N	150	N
IMS210	N	10	N	1,000	70	N	30	N	200	N
IMS211	N	20	N	500	150	N	50	200	300	N
IMS212	N	15	N	500	100	N	50	N	150	N
IMS213	N	10	N	300	100	N	50	N	70	N
IMS214	N	10	N	500	100	N	50	<200	100	N
IMS215	N	20	N	700	200	N	70	N	300	N
IMS216	N	20	N	700	200	N	70	N	300	N
IMS217	N	15	N	700	100	N	50	N	200	N
IMS218	N	20	N	700	150	N	50	N	300	N
IMS219	N	20	N	700	200	N	70	500	500	N
IMS220	N	15	N	500	70	N	50	N	200	N
IMS221	N	15	N	200	50	N	30	N	300	N
IMS222	N	15	N	500	50	N	50	N	200	N
IMS223	N	15	N	500	100	N	30	N	200	N
IMS227	N	15	N	700	300	N	50	N	1,000	N
IMS228	N	15	N	700	200	N	50	N	1,000	100
IMS229	N	20	N	1,000	150	N	50	N	200	N
IMS230	N	20	N	700	200	N	70	N	500	N
IMS231	N	20	N	700	200	N	70	N	700	N
IMS232	N	20	N	700	200	N	50	N	500	N
IMS233	N	20	N	700	100	N	70	N	500	<100
IMS234	N	10	N	500	70	N	20	N	200	N
IMS235	N	30	N	700	100	N	30	N	200	N
IMS236	N	20	N	700	150	N	50	N	500	N
IMS237	N	20	N	700	100	N	30	N	300	N
IMS238	N	30	N	1,000	150	N	30	N	200	N
IMS239	N	20	N	700	100	N	30	N	500	N
IMS240	N	20	N	500	100	N	30	N	300	N
IMS241	N	20	N	700	150	N	30	N	300	N
IMS242	N	15	N	700	100	N	50	N	500	<100
IMS243	N	20	N	700	300	N	70	N	1,000	100
IMS244	N	15	N	700	150	N	50	N	500	<100
IMS245	N	10	N	1,000	150	N	50	N	300	N
IMS246	N	15	N	1,000	150	N	50	N	500	N
IMS247	N	20	N	700	200	N	50	N	1,000	100
IMS248	N	20	N	700	100	N	50	N	300	N
IMS249	N	20	N	700	150	N	30	N	300	N
IMS250	N	15	N	700	200	N	30	N	500	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS251	36 31 38	117 38 20	7.0	3.0	3.0	.50	1,000	N	N	N	30	700
IMS252	36 33 48	117 41 23	5.0	2.0	5.0	.30	500	.5	N	N	50	500
IMS253	36 33 35	117 41 1	5.0	2.0	3.0	.50	700	.5	N	N	70	700
IMS254	36 33 59	117 42 13	3.0	2.0	7.0	.30	700	.5	N	N	70	700
IMS255	36 33 58	117 42 20	3.0	2.0	5.0	.50	500	<.5	N	N	70	500
IMS256	36 35 52	117 44 37	10.0	5.0	20.0	.30	700	.5	N	N	50	300
IMS257	36 36 21	117 44 53	7.0	5.0	15.0	.50	700	<.5	N	N	20	500
IMS258	36 38 20	117 44 35	5.0	1.5	5.0	.50	1,000	N	N	N	20	500
IMS259	36 37 58	117 43 36	15.0	1.0	2.0	.50	1,000	N	N	N	15	300
IMS260	36 37 51	117 43 18	2.0	1.0	2.0	.30	700	N	N	N	10	500
IMS261	36 37 37	117 42 34	5.0	5.0	15.0	.30	500	.5	N	N	50	500
IMS262	36 37 36	117 41 54	3.0	2.0	5.0	.30	1,000	N	N	N	20	700
IMS263	36 37 28	117 40 55	5.0	1.0	1.0	.30	500	N	N	N	10	500
IMS264	36 37 16	117 39 53	3.0	2.0	5.0	.50	1,000	N	N	N	30	500
IMS265	36 36 50	117 39 30	5.0	3.0	5.0	.50	700	N	N	N	50	700
IMS266	36 35 37	117 38 50	10.0	5.0	5.0	.50	1,000	N	N	N	20	700
IMS267	36 34 47	117 38 25	7.0	3.0	3.0	.50	1,000	N	N	N	30	700
IMS268	36 34 4	117 37 21	10.0	7.0	5.0	.50	1,000	N	N	N	20	700
IMS269	36 35 52	117 36 20	15.0	3.0	3.0	.50	1,000	N	N	N	10	500
IMS270	36 35 53	117 36 17	7.0	7.0	10.0	.50	1,500	N	N	N	30	700
IMS271	36 35 56	117 36 20	5.0	5.0	5.0	.70	1,500	N	N	N	30	700
IMS272	36 35 16	117 35 43	5.0	5.0	5.0	.70	1,000	N	N	N	30	700
IMS273	36 35 5	117 34 6	10.0	7.0	7.0	.70	1,500	N	N	N	70	700
IMS274	36 35 10	117 34 8	10.0	7.0	5.0	.70	1,500	N	N	N	50	700
IMS275	36 34 53	117 34 38	15.0	3.0	3.0	.50	700	N	N	N	30	700
IMS276	36 34 40	117 35 0	15.0	3.0	3.0	.50	1,000	N	N	N	30	500
IMS277	36 34 13	117 35 17	10.0	3.0	3.0	.50	1,000	N	N	N	30	300
IMS278	36 35 17	117 35 5	7.0	5.0	5.0	.50	1,000	N	N	N	100	700
IMS279	36 35 21	117 35 4	5.0	5.0	10.0	.50	1,000	<.5	N	N	70	700
IMS280	36 35 55	117 34 5	7.0	5.0	7.0	.50	1,000	N	N	N	100	500
IMS281	36 36 1	117 34 15	7.0	5.0	5.0	.50	700	N	N	N	100	500
IMS282	36 35 30	117 34 17	7.0	7.0	7.0	.50	1,000	N	N	N	50	700
IMS283	36 35 10	117 30 40	10.0	5.0	1.5	.50	700	N	N	N	50	500
IMS284	36 35 8	117 30 47	5.0	2.0	2.0	.50	700	N	N	N	50	700
IMS285	36 38 27	117 37 26	5.0	2.0	3.0	.50	1,000	N	N	N	50	700
IMS286	36 38 29	117 37 24	15.0	7.0	10.0	.50	1,000	N	N	N	30	500
IMS287	36 40 1	117 37 23	10.0	5.0	5.0	.50	1,000	N	N	N	30	700
IMS288	36 40 5	117 37 21	5.0	5.0	3.0	.30	1,000	N	N	N	30	700
IMS289	36 41 1	117 37 52	5.0	5.0	7.0	.30	1,000	.5	N	N	50	700
IMS290	36 36 1	117 45 58	2.0	3.0	20.0	.30	500	.5	N	N	50	700
IMS291	36 35 59	117 45 55	3.0	3.0	20.0	.30	500	<.5	N	N	70	700
IMS292	36 36 55	117 46 4	3.0	5.0	15.0	.30	500	.5	N	N	70	700
IMS293	36 37 55	117 47 38	15.0	2.0	5.0	.70	1,000	<.5	N	N	50	700
IMS294	36 37 52	117 47 34	5.0	7.0	20.0	.30	500	N	N	N	20	300
IMS295	36 37 53	117 47 30	10.0	2.0	5.0	.70	700	N	N	N	30	700

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS251	2.0	N	N	30	150	20	100	N	<20	50	30
IMS252	1.5	N	N	20	150	20	50	N	<20	50	50
IMS253	3.0	N	N	30	100	30	70	N	20	50	50
IMS254	2.0	N	N	15	100	15	100	N	20	30	70
IMS255	1.5	N	N	15	150	15	70	N	20	30	50
IMS256	<1.0	<10	N	20	150	20	50	10	<20	50	70
IMS257	1.0	<10	N	30	70	30	50	N	<20	30	30
IMS258	3.0	N	N	20	20	15	150	N	50	10	30
IMS259	1.5	10	N	30	50	30	200	N	50	15	20
IMS260	3.0	N	N	10	<10	7	70	N	20	<5	10
IMS261	1.5	N	N	20	70	20	50	N	<20	30	30
IMS262	3.0	N	N	20	20	15	70	10	30	7	15
IMS263	1.5	N	N	15	<10	15	70	N	30	5	15
IMS264	5.0	N	N	20	10	20	100	N	20	10	20
IMS265	1.5	N	N	20	70	30	100	N	<20	20	50
IMS266	2.0	N	N	20	30	30	100	N	20	15	100
IMS267	2.0	N	N	30	50	50	100	N	<20	20	30
IMS268	2.0	N	N	30	70	30	100	N	<20	30	50
IMS269	1.5	<10	N	30	70	20	100	N	<20	20	50
IMS270	1.0	N	N	20	70	50	100	N	20	20	30
IMS271	2.0	N	N	20	50	30	150	<5	50	20	50
IMS272	2.0	N	N	30	70	15	150	N	30	30	15
IMS273	3.0	<10	N	30	150	70	150	N	20	30	50
IMS274	3.0	<10	N	30	100	70	150	N	<20	30	50
IMS275	1.0	10	N	30	100	30	150	N	20	30	30
IMS276	2.0	<10	N	30	150	50	150	N	<20	30	20
IMS277	1.5	<10	N	30	150	50	150	N	20	30	20
IMS278	2.0	N	N	20	150	30	70	<5	<20	30	30
IMS279	2.0	N	N	20	70	30	100	N	20	30	70
IMS280	3.0	<10	N	30	70	70	150	N	20	30	50
IMS281	3.0	N	N	20	50	70	100	N	20	20	30
IMS282	1.5	N	N	30	100	100	150	N	<20	50	50
IMS283	1.5	<10	N	20	70	30	100	N	20	20	50
IMS284	2.0	N	N	20	50	20	100	<5	20	20	15
IMS285	2.0	N	N	20	50	20	100	N	20	20	30
IMS286	2.0	10	N	30	50	30	150	N	20	20	100
IMS287	2.0	10	N	20	50	30	150	N	30	20	50
IMS288	3.0	N	N	15	50	20	100	N	<20	20	50
IMS289	2.0	N	N	15	50	30	100	N	20	30	50
IMS290	1.5	N	N	15	100	15	50	N	<20	50	70
IMS291	1.5	N	N	15	70	15	100	<5	<20	30	50
IMS292	1.5	N	N	20	100	20	50	N	<20	50	70
IMS293	3.0	<10	N	50	50	50	150	7	30	30	20
IMS294	1.0	N	N	20	50	15	50	N	<20	20	10
IMS295	2.0	<10	N	30	30	50	150	<5	30	20	15

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS251	N	20	N	700	200	N	30	N	200	N
IMS252	N	15	N	500	70	N	30	N	200	N
IMS253	N	15	N	500	100	N	30	N	300	N
IMS254	N	15	N	700	70	N	50	N	300	N
IMS255	N	15	N	500	100	N	50	N	300	N
IMS256	N	10	N	700	300	N	30	<200	300	N
IMS257	N	20	N	700	200	N	50	N	500	N
IMS258	N	10	N	700	70	N	50	N	300	N
IMS259	N	10	N	500	300	N	70	N	1,000	N
IMS260	N	7	N	700	50	N	30	N	150	N
IMS261	N	15	N	700	100	N	50	N	300	N
IMS262	N	10	N	700	70	N	50	N	200	N
IMS263	N	5	N	500	70	N	30	N	300	N
IMS264	N	10	N	1,000	70	N	30	N	200	N
IMS265	N	15	N	700	100	N	50	N	300	N
IMS266	N	10	N	700	200	N	50	N	500	N
IMS267	N	15	N	1,000	150	N	30	N	300	N
IMS268	N	20	N	1,000	200	N	30	N	200	N
IMS269	N	10	N	700	200	N	30	N	500	N
IMS270	N	10	N	500	150	N	30	N	300	N
IMS271	N	15	N	700	150	N	70	N	300	N
IMS272	N	20	N	1,000	150	N	50	N	200	N
IMS273	N	20	N	700	300	N	70	N	300	N
IMS274	N	20	N	1,000	300	N	50	N	300	N
IMS275	N	15	N	700	300	N	50	N	1,000	N
IMS276	N	15	N	700	300	N	50	N	500	N
IMS277	N	15	N	500	300	N	50	N	1,000	N
IMS278	N	15	N	700	200	N	30	N	300	N
IMS279	N	15	N	500	100	N	50	N	300	N
IMS280	N	15	N	700	200	N	70	N	300	N
IMS281	N	15	N	700	150	N	70	N	300	N
IMS282	N	20	N	700	200	N	70	N	200	N
IMS283	N	15	N	500	300	N	30	N	1,000	N
IMS284	N	15	N	700	150	N	50	N	500	N
IMS285	N	10	N	500	100	N	50	N	300	N
IMS286	N	7	N	500	300	N	50	N	500	N
IMS287	N	15	N	500	300	N	70	N	300	500
IMS288	N	15	N	700	150	N	30	N	300	N
IMS289	N	15	N	500	150	N	50	N	150	N
IMS290	N	15	N	1,000	100	N	50	N	300	N
IMS291	N	15	N	500	150	N	50	N	200	N
IMS292	N	15	N	700	100	N	30	N	200	N
IMS293	<100	15	N	1,000	300	N	50	N	1,000	N
IMS294	N	15	N	700	150	N	30	N	300	N
IMS295	N	15	N	1,000	200	N	70	N	700	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS296	36 39 7	117 47 24	7.0	3.0	10.0	.50	500	N	N	N	50	700
IMS297	36 39 10	117 49 10	7.0	2.0	10.0	.50	700	<.5	N	N	30	1,000
IMS298	36 39 13	117 49 13	3.0	5.0	20.0	.30	500	.5	N	N	50	700
IMS299	36 37 23	117 51 0	3.0	2.0	2.0	.30	700	.7	N	N	150	1,000
IMS300	36 37 20	117 50 59	5.0	5.0	5.0	.50	1,000	N	N	N	150	1,000
IMS301	36 37 27	117 50 10	2.0	2.0	20.0	.15	300	.5	N	N	70	500
IMS302	36 39 27	117 52 27	3.0	1.5	7.0	.20	300	.7	N	N	100	500
IMS303	36 39 27	117 52 33	2.0	2.0	10.0	.20	300	10.0	N	N	100	500
IMS305	36 41 3	117 53 10	10.0	5.0	7.0	>1.00	1,500	.5	N	N	200	1,000
IMS306	36 40 59	117 53 9	7.0	3.0	20.0	1.00	1,000	1.5	N	N	100	700
IMS307	36 39 39	117 54 39	7.0	3.0	5.0	1.00	1,500	<.5	N	N	100	1,000
IMS308	36 39 42	117 54 40	10.0	5.0	>20.0	.70	1,500	.5	N	N	100	1,000
IMS309	36 43 31	117 51 44	15.0	5.0	10.0	>1.00	1,500	N	N	N	30	700
IMS310	36 41 43	117 55 59	7.0	3.0	5.0	1.00	1,000	N	N	N	20	700
IMS311	36 41 40	117 55 55	7.0	3.0	15.0	1.00	1,000	.7	N	N	70	1,000
IMS312	36 42 14	117 55 2	10.0	2.0	10.0	1.00	1,500	.7	N	N	70	700
IMS313	36 45 15	117 53 13	20.0	5.0	15.0	>1.00	1,000	N	N	N	70	500
IMS314	36 44 52	117 52 53	7.0	5.0	20.0	1.00	1,000	N	N	N	70	500
IMS315	36 45 36	117 53 40	>20.0	3.0	10.0	>1.00	2,000	N	N	N	100	700
IMS316	36 46 25	117 53 46	20.0	5.0	10.0	>1.00	2,000	N	N	N	50	1,500
IMS317	36 46 53	117 53 54	20.0	5.0	15.0	>1.00	1,500	N	N	N	70	1,500
IMS318	36 48 2	117 54 44	15.0	5.0	20.0	>1.00	1,500	N	N	N	200	2,000
IMS319	36 48 5	117 54 47	15.0	5.0	15.0	1.00	1,000	N	N	N	200	1,000
IMS320	36 43 9	117 56 6	10.0	3.0	5.0	1.00	1,500	.5	N	N	70	1,000
IMS321	36 43 54	117 57 23	15.0	3.0	15.0	>1.00	2,000	<.5	N	N	150	1,500
IMS322	36 43 57	117 57 25	7.0	2.0	3.0	1.00	700	N	N	N	50	700
IMS323	36 48 28	117 54 38	15.0	5.0	15.0	>1.00	1,500	N	N	N	50	1,000
IMS324	36 51 58	117 56 15	7.0	2.0	20.0	1.00	1,500	N	N	N	30	1,000
IMS325	36 52 1	117 56 13	15.0	2.0	15.0	>1.00	2,000	N	N	N	50	1,000
IMS326	36 50 53	117 56 22	10.0	5.0	20.0	1.00	2,000	N	N	N	50	700
IMS327	36 50 57	117 56 22	10.0	3.0	10.0	>1.00	1,500	N	N	N	30	700
IMS328	36 50 3	117 55 35	5.0	>10.0	>20.0	1.00	1,500	N	N	N	70	700
IMS329	36 49 34	117 55 20	7.0	7.0	15.0	1.00	1,000	N	N	N	50	700
IMS330	36 23 1	117 34 23	15.0	5.0	15.0	>1.00	2,000	N	N	N	100	1,000
IMS331	36 23 0	117 34 20	20.0	3.0	7.0	>1.00	1,500	N	N	N	70	1,000
IMS332	36 22 28	117 35 25	20.0	10.0	10.0	>1.00	2,000	N	N	N	50	1,000
IMS333	36 19 38	117 30 52	15.0	3.0	10.0	>1.00	1,500	1.0	N	N	30	1,000
IMS334	36 19 21	117 30 32	5.0	5.0	>20.0	1.00	700	.5	N	N	50	700
IMS335	36 19 21	117 30 38	15.0	7.0	>20.0	>1.00	2,000	N	N	N	50	1,000
IMS336	36 22 17	117 35 13	10.0	7.0	10.0	1.00	1,500	N	N	N	70	1,000
IMS337	36 25 34	117 36 15	10.0	5.0	15.0	>1.00	1,500	1.0	N	N	50	1,500
IMS338	36 25 29	117 35 25	15.0	7.0	20.0	>1.00	2,000	N	N	N	50	1,000
IMS339	36 25 30	117 35 18	7.0	5.0	10.0	1.00	1,500	<.5	N	N	50	1,000
IMS340	36 25 15	117 36 42	10.0	3.0	7.0	1.00	2,000	N	N	N	100	1,000
IMS341	36 24 56	117 36 35	7.0	7.0	10.0	>1.00	1,500	N	N	N	70	700

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS296	1.5	<10	N	30	100	30	70	15	20	30	50
IMS297	2.0	<10	N	30	50	50	150	<5	20	30	20
IMS298	1.5	N	N	15	100	30	50	7	<20	50	15
IMS299	2.0	N	N	15	100	30	70	N	<20	50	70
IMS300	2.0	N	N	20	150	50	70	7	<20	70	70
IMS301	1.0	N	N	7	70	10	50	N	N	30	30
IMS302	1.5	N	N	15	150	15	50	N	<20	70	30
IMS303	1.5	N	N	15	100	100	50	N	<20	50	200
IMS305	<5.0	N	N	50	150	70	100	5	N	150	200
IMS306	N	N	N	30	150	70	100	7	N	50	200
IMS307	<5.0	N	N	20	100	50	100	N	<20	20	50
IMS308	N	N	N	20	100	70	70	10	N	30	100
IMS309	N	N	N	30	70	50	150	5	<20	10	50
IMS310	N	N	N	20	50	20	100	N	N	10	50
IMS311	N	N	N	20	150	30	70	7	N	30	70
IMS312	<5.0	N	N	15	50	70	100	N	20	20	70
IMS313	N	N	N	50	200	50	50	N	<20	50	50
IMS314	N	N	N	30	200	30	70	5	N	50	50
IMS315	N	N	N	70	150	70	100	N	<20	30	70
IMS316	N	N	N	70	200	70	100	N	N	50	30
IMS317	N	N	N	50	150	50	150	5	20	30	50
IMS318	N	N	N	30	100	70	100	7	N	30	50
IMS319	N	N	N	30	100	50	100	10	N	50	30
IMS320	<5.0	N	N	30	100	50	100	N	N	30	100
IMS321	<5.0	N	N	30	150	50	150	N	20	50	70
IMS322	N	N	N	30	100	30	100	N	N	20	50
IMS323	N	N	N	50	100	70	200	10	N	30	30
IMS324	<5.0	N	N	20	20	15	150	N	N	10	30
IMS325	<5.0	N	N	30	30	30	200	N	20	10	70
IMS326	<5.0	N	N	20	30	20	100	N	<20	15	50
IMS327	N	N	N	20	30	20	100	N	N	10	30
IMS328	<5.0	N	N	10	70	30	100	N	<20	15	70
IMS329	N	N	N	20	100	50	100	5	<20	20	30
IMS330	N	N	N	50	500	50	200	5	20	50	70
IMS331	N	N	N	30	200	30	150	N	20	30	70
IMS332	N	N	N	50	1,500	50	100	N	<20	200	70
IMS333	N	N	N	30	150	30	100	N	<20	20	500
IMS334	N	N	N	20	200	20	70	5	N	70	100
IMS335	N	N	N	50	500	30	150	N	N	100	150
IMS336	N	N	N	30	500	50	100	N	N	70	70
IMS337	N	N	N	30	200	30	100	N	<20	50	70
IMS338	N	N	N	50	500	50	100	N	N	100	70
IMS339	N	N	N	30	300	30	70	N	N	70	70
IMS340	<5.0	N	N	30	100	100	150	N	<20	30	50
IMS341	N	N	N	50	500	70	100	N	<20	150	50

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS296	N	20	N	700	200	N	50	N	300	N
IMS297	N	20	N	1,000	150	N	50	N	200	N
IMS298	N	15	N	700	150	N	50	N	200	N
IMS299	N	15	N	300	150	N	50	N	300	N
IMS300	N	15	N	200	150	N	50	N	300	N
IMS301	N	10	N	300	50	N	30	N	200	N
IMS302	N	15	N	500	100	N	50	N	200	N
IMS303	N	10	N	700	70	N	50	N	150	N
IMS305	N	--	N	700	200	N	70	N	--	N
IMS306	N	--	N	1,000	150	N	50	N	--	N
IMS307	N	--	N	700	200	N	50	N	--	N
IMS308	N	--	N	2,000	150	N	50	N	--	N
IMS309	N	--	N	1,000	500	N	70	N	--	N
IMS310	N	--	N	500	150	N	30	N	--	N
IMS311	N	--	N	700	150	N	30	N	--	N
IMS312	N	--	N	500	200	N	50	N	--	N
IMS313	N	--	N	500	700	N	50	N	--	N
IMS314	N	--	N	700	200	N	50	N	--	N
IMS315	N	--	N	500	500	N	70	N	--	N
IMS316	N	--	N	1,500	300	N	70	N	--	N
IMS317	N	--	N	1,000	200	N	100	N	--	N
IMS318	N	--	N	1,000	200	N	50	N	--	N
IMS319	N	--	N	700	200	N	50	N	--	N
IMS320	N	--	N	1,000	200	N	50	N	--	N
IMS321	N	--	N	1,000	200	N	50	<200	--	N
IMS322	N	--	N	700	200	N	30	N	--	N
IMS323	N	--	N	700	300	N	70	N	--	N
IMS324	N	--	N	700	150	N	50	N	--	N
IMS325	N	--	N	1,000	200	N	100	N	--	N
IMS326	N	--	N	700	150	N	50	N	--	N
IMS327	N	--	N	700	150	N	50	N	--	N
IMS328	N	--	N	700	100	N	30	N	--	N
IMS329	N	--	N	500	150	N	50	N	--	N
IMS330	N	--	N	700	200	N	100	<200	--	N
IMS331	N	--	N	700	200	N	70	N	--	N
IMS332	N	--	N	700	200	N	70	N	--	N
IMS333	N	--	N	500	300	N	70	<200	--	N
IMS334	N	--	N	500	150	N	30	200	--	N
IMS335	N	--	N	500	200	N	50	N	--	N
IMS336	N	--	N	700	200	N	50	N	--	N
IMS337	N	--	N	1,000	200	N	50	N	--	N
IMS338	N	--	N	1,000	200	N	50	N	--	N
IMS339	N	--	N	700	200	N	30	N	--	N
IMS340	N	--	N	700	200	N	70	N	--	N
IMS341	N	--	N	1,000	200	N	50	N	--	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS342	36 24 16	117 36 1	7.0	5.0	10.0	>1.00	1,500	.5	N	N	70	1,000
IMS343	36 24 8	117 36 3	15.0	2.0	7.0	>1.00	1,500	N	N	N	70	700
IMS344	36 24 38	117 33 45	20.0	7.0	15.0	>1.00	5,000	.7	N	N	70	700
IMS345	36 26 12	117 29 52	10.0	5.0	10.0	>1.00	1,500	N	N	N	50	1,000
IMS346	36 26 42	117 29 33	15.0	5.0	10.0	1.00	1,500	N	N	N	70	1,000
IMS347	36 26 21	117 29 38	15.0	5.0	10.0	>1.00	2,000	N	N	N	150	1,000
IMS348	36 25 8	117 29 23	15.0	7.0	15.0	>1.00	2,000	N	N	N	70	1,000
IMS349	36 24 41	117 29 37	7.0	5.0	10.0	>1.00	1,500	N	N	N	70	700
IMS350	36 25 24	117 23 58	3.0	>10.0	20.0	.30	1,000	N	N	N	20	500
IMS351	36 25 9	117 23 50	5.0	>10.0	20.0	.30	1,000	N	N	N	20	700
IMS352	36 24 53	117 23 35	3.0	>10.0	20.0	.50	1,000	N	N	N	30	500
IMS353	36 24 6	117 21 53	3.0	>10.0	>20.0	.30	1,000	N	N	N	30	300
IMS354	36 23 58	117 29 48	10.0	7.0	10.0	1.00	1,000	N	N	N	50	1,000
IMS355	36 23 54	117 30 19	10.0	7.0	15.0	>1.00	1,500	N	N	N	50	1,000
IMS356	36 23 43	117 30 55	10.0	10.0	15.0	>1.00	1,500	N	N	N	70	1,000
IMS357	36 23 36	117 31 13	5.0	5.0	20.0	.70	1,000	<.5	N	N	70	1,000
IMS358	36 23 29	117 31 25	7.0	5.0	20.0	1.00	1,500	<.5	N	N	100	1,000
IMS359	36 23 35	117 31 59	10.0	7.0	20.0	1.00	2,000	N	N	N	70	1,000
IMS360	36 23 46	117 31 53	10.0	7.0	20.0	1.00	1,500	<.5	N	N	50	1,000
IMS361	36 30 7	117 32 35	10.0	5.0	10.0	1.00	2,000	<.5	N	N	200	1,000
IMS362	36 34 5	117 33 40	10.0	5.0	15.0	1.00	3,000	N	N	N	50	1,000
IMS363	36 34 20	117 33 38	20.0	3.0	15.0	>1.00	2,000	N	N	N	70	1,500
IMS364	36 36 12	117 33 43	10.0	3.0	10.0	1.00	2,000	.7	N	N	200	1,000
IMS365	36 36 15	117 33 52	10.0	10.0	>20.0	.70	2,000	N	N	N	70	700
IMS366	36 36 37	117 40 44	10.0	3.0	10.0	>1.00	1,500	N	N	N	70	1,000
IMS367	36 40 44	117 50 8	10.0	5.0	20.0	1.00	1,500	1.0	N	N	200	1,000
IMS368	36 41 5	117 50 25	10.0	5.0	20.0	1.00	1,500	.7	N	N	70	1,500
IMS369	36 41 9	117 50 21	10.0	5.0	>20.0	1.00	1,500	N	N	N	50	1,000
IMS383	36 30 52	117 53 0	7.0	2.0	3.0	.70	700	<.5	N	N	100	700
IMS385	36 32 46	117 54 6	7.0	1.5	7.0	.50	700	.7	N	N	100	500
IMS386	36 32 35	117 54 3	5.0	2.0	15.0	.50	1,000	.7	N	N	100	700
IMS387	36 38 13	117 59 8	7.0	3.0	5.0	.70	1,500	.7	N	N	70	1,000
IMS388	36 38 6	117 58 46	5.0	1.5	1.0	.50	1,000	.5	N	N	70	1,000
IMS391	36 39 55	117 59 57	7.0	2.0	7.0	.50	1,000	1.0	N	N	300	1,000
IMS400	36 30 42	117 50 37	7.0	2.0	20.0	.50	1,500	2.0	N	N	200	1,500
IMS408	36 20 52	117 38 31	10.0	3.0	7.0	1.00	1,500	3.0	N	N	150	1,000
IMS409	36 22 32	117 37 41	10.0	3.0	10.0	1.00	1,500	.5	N	N	100	1,000
IMS410	36 24 18	117 40 25	15.0	2.0	3.0	1.00	1,500	<.5	N	N	100	1,000
IMS412	36 25 21	117 42 31	10.0	5.0	7.0	1.00	1,000	<.5	N	N	70	1,000
IMS413	36 25 39	117 42 15	7.0	5.0	5.0	1.00	1,500	.5	N	N	100	1,500
IMS414	36 22 41	117 40 33	10.0	3.0	7.0	1.00	2,000	<.5	N	N	100	1,000
IMS415	36 22 28	117 40 23	20.0	5.0	7.0	1.00	2,000	.5	N	N	100	2,000
IMS416	36 22 26	117 40 25	>20.0	5.0	7.0	1.00	2,000	N	N	N	70	1,500
IMS417	36 21 46	117 41 57	15.0	10.0	20.0	.70	1,000	N	N	N	100	1,500
IMS440	36 19 48	117 30 45	10.0	3.0	7.0	1.00	1,500	.7	N	N	70	1,000

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS342	N	N	N	30	200	50	100	N	20	20	70
IMS343	N	N	N	50	200	30	70	N	20	30	30
IMS344	N	N	N	50	500	50	200	N	30	100	50
IMS345	N	N	N	30	200	20	70	N	N	30	50
IMS346	N	N	N	50	150	30	150	N	<20	50	70
IMS347	N	N	N	50	150	50	100	N	20	30	70
IMS348	N	N	N	50	200	30	150	N	N	70	50
IMS349	N	N	N	30	300	30	100	N	N	50	70
IMS350	N	N	N	10	70	20	50	N	N	20	100
IMS351	N	N	N	15	100	20	70	N	N	20	50
IMS352	N	N	N	10	100	20	50	N	N	20	70
IMS353	N	N	N	7	50	20	50	N	N	15	30
IMS354	N	N	N	30	200	30	100	N	N	100	50
IMS355	<5.0	N	N	50	300	50	150	N	<20	100	70
IMS356	<5.0	N	N	30	300	50	100	N	N	150	50
IMS357	N	N	N	20	200	30	50	N	N	50	70
IMS358	<5.0	N	N	20	500	30	100	10	N	70	100
IMS359	N	N	N	30	700	50	50	N	N	200	50
IMS360	N	N	N	30	500	30	100	N	N	150	70
IMS361	<5.0	N	N	30	150	70	200	N	20	50	50
IMS362	N	N	N	30	50	100	200	N	<20	20	50
IMS363	<5.0	N	N	30	100	100	150	N	<20	20	50
IMS364	5.0	N	N	30	50	100	150	N	<20	20	50
IMS365	N	N	N	20	150	20	70	N	N	15	50
IMS366	N	N	N	20	70	50	100	N	N	20	50
IMS367	N	N	N	20	150	20	100	N	N	50	50
IMS368	N	N	N	20	150	30	100	5	N	50	30
IMS369	N	N	N	20	70	20	70	N	N	50	50
IMS383	1.0	N	N	15	300	15	50	N	N	20	70
IMS385	<1.0	N	N	10	150	30	30	5	N	50	70
IMS386	1.0	N	N	10	150	20	100	N	N	50	100
IMS387	1.0	N	N	20	100	70	70	N	N	20	100
IMS388	1.5	N	N	10	70	30	50	N	N	15	100
IMS391	1.0	N	N	15	150	50	70	20	N	50	70
IMS400	1.0	N	N	20	200	100	70	15	N	70	300
IMS408	2.0	N	N	20	150	30	100	N	<20	70	70
IMS409	<1.0	N	N	30	300	50	70	N	<20	100	100
IMS410	3.0	N	N	20	150	20	100	N	<20	50	70
IMS412	1.0	N	N	50	300	30	50	N	<20	150	100
IMS413	2.0	N	N	50	500	50	50	N	N	150	100
IMS414	1.5	N	N	30	500	50	50	N	20	70	70
IMS415	1.5	N	N	50	300	70	150	N	20	100	150
IMS416	1.5	N	N	50	500	50	150	N	20	100	70
IMS417	<1.0	N	N	50	200	50	50	N	N	100	100
IMS440	1.5	N	N	30	300	50	70	N	<20	70	100

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS342	N	--	N	700	200	N	50	N	--	N
IMS343	N	--	N	1,000	300	N	50	<200	--	N
IMS344	N	--	N	700	500	N	70	<200	--	N
IMS345	N	--	N	1,000	150	N	50	N	--	N
IMS346	N	--	N	1,000	300	N	50	N	--	N
IMS347	N	--	N	1,500	300	N	70	<200	--	N
IMS348	N	--	N	1,000	150	N	50	<200	--	N
IMS349	N	--	N	1,000	150	N	30	N	--	N
IMS350	N	--	N	700	70	N	20	N	--	N
IMS351	N	--	N	700	100	N	30	N	--	N
IMS352	N	--	N	1,500	50	N	50	N	--	N
IMS353	N	--	N	700	70	N	30	N	--	N
IMS354	N	--	N	700	150	N	50	N	--	N
IMS355	N	--	N	1,000	150	N	50	N	--	N
IMS356	N	--	N	1,000	150	N	50	N	--	N
IMS357	N	--	N	700	100	N	30	N	--	N
IMS358	N	--	N	1,000	150	N	50	N	--	N
IMS359	N	--	N	1,000	150	N	50	N	--	N
IMS360	N	--	N	700	150	N	50	N	--	N
IMS361	N	--	N	700	200	N	70	N	--	N
IMS362	N	--	N	1,000	200	N	50	N	--	N
IMS363	N	--	N	1,000	300	N	50	<200	--	N
IMS364	N	--	N	1,000	200	N	50	<200	--	N
IMS365	N	--	N	700	150	N	50	N	--	N
IMS366	N	--	N	1,000	150	N	50	N	--	N
IMS367	N	--	N	1,000	200	N	50	<200	--	N
IMS368	N	--	N	1,500	200	N	50	N	--	N
IMS369	N	--	N	1,000	150	N	50	N	--	N
IMS383	N	--	N	300	100	N	30	N	200	N
IMS385	N	--	N	300	100	N	30	N	200	N
IMS386	N	--	N	700	100	N	50	N	500	N
IMS387	N	--	N	300	150	N	30	N	300	N
IMS388	N	--	N	500	150	N	30	N	150	N
IMS391	N	--	N	300	150	N	50	N	150	N
IMS400	N	--	N	300	300	N	50	200	500	N
IMS408	N	--	N	500	200	N	50	N	500	N
IMS409	N	--	N	300	200	N	50	N	300	N
IMS410	N	--	N	700	300	N	50	N	700	N
IMS412	N	--	N	300	150	N	30	N	500	N
IMS413	N	--	N	700	150	N	30	N	300	N
IMS414	N	--	N	500	200	N	50	N	1,000	N
IMS415	N	--	N	700	200	N	50	N	500	N
IMS416	N	--	N	500	300	N	70	N	>1,000	N
IMS417	N	--	N	500	100	N	50	N	500	N
IMS440	N	--	N	500	200	N	50	N	500	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS443	36 18 3	117 30 32	7.0	3.0	10.0	.70	1,500	<.5	N	N	50	1,000
IMS445	36 17 48	117 31 3	7.0	5.0	20.0	.70	1,000	1.5	N	N	300	1,000
IMS476	36 22 19	117 44 30	7.0	3.0	7.0	.70	1,500	1.0	N	N	70	700
IMS477	36 17 32	117 41 60	5.0	2.0	3.0	.50	500	<.5	N	N	50	500
IMS478	36 17 59	117 40 52	7.0	2.0	2.0	.50	500	.7	N	N	50	500
IMS479	36 15 57	117 40 2	7.0	3.0	3.0	.70	1,500	1.5	N	N	70	1,000
IMS480	36 15 10	117 37 44	7.0	1.5	3.0	.70	700	.5	N	N	30	700
IMS481	36 16 11	117 33 54	7.0	2.0	7.0	.50	1,500	15.0	N	N	150	500
IMS482	36 17 12	117 34 18	7.0	2.0	10.0	.50	700	1.0	N	N	70	200
IMS483	36 18 6	117 34 32	7.0	2.0	10.0	.50	1,000	20.0	N	N	150	700
IMS484	36 18 57	117 33 1	5.0	2.0	10.0	.70	1,000	1.5	N	N	150	1,000
IMS485	36 20 15	117 35 0	15.0	1.0	5.0	.30	700	<.5	N	N	50	1,000
IMS486	36 20 17	117 35 2	5.0	1.0	3.0	.70	500	<.5	N	N	30	500
IMS487	36 28 13	117 34 39	10.0	3.0	7.0	1.00	1,500	.5	N	N	70	1,500
IMS488	36 28 21	117 43 33	5.0	1.0	5.0	.50	300	.5	N	N	200	1,000
IMS489	36 28 16	117 43 32	5.0	1.5	10.0	.50	500	.5	N	N	200	700
IMS490	36 28 16	117 43 17	7.0	2.0	2.0	.50	500	N	N	N	70	500
IMS491	36 27 35	117 41 40	7.0	3.0	5.0	.70	500	N	N	N	50	500
IMS492	36 27 32	117 41 37	10.0	3.0	5.0	1.00	500	N	N	N	50	700
IMS493	36 25 59	117 41 31	10.0	5.0	7.0	1.00	1,500	1.0	N	N	70	1,000
IMS494	36 24 36	117 41 37	7.0	3.0	5.0	1.00	1,000	<.5	N	N	70	1,000
IMS495	36 23 25	117 41 41	7.0	3.0	5.0	1.00	1,000	<.5	N	N	50	700
IMS496	36 30 50	117 35 47	20.0	2.0	3.0	1.00	1,000	N	N	N	50	500
IMS497	36 30 44	117 36 54	15.0	3.0	5.0	1.00	1,500	.5	N	N	100	1,000
IMS498	36 31 1	117 37 23	7.0	3.0	5.0	1.00	1,000	N	N	N	50	700
IMS499	36 30 31	117 40 8	7.0	2.0	2.0	1.00	1,000	<.5	N	N	70	500
IMS543	36 32 28	117 52 13	5.0	1.0	2.0	.50	1,000	<.5	N	N	100	1,000
IMS544	36 32 32	117 52 9	3.0	1.0	5.0	.50	700	N	N	N	70	500
IMS545	36 32 22	117 52 4	5.0	1.0	7.0	.50	1,000	1.0	N	N	200	1,000
IMS546	36 33 6	117 51 16	5.0	1.0	7.0	.50	700	1.0	N	N	300	1,500
IMS547	36 33 5	117 51 10	7.0	1.0	5.0	.70	500	N	N	N	70	700
IMS548	36 31 46	117 51 49	5.0	1.5	5.0	.50	1,000	.7	N	N	200	1,000
IMS549	36 33 37	117 54 45	7.0	2.0	15.0	.70	700	1.5	N	N	300	1,000
IMS550	36 33 49	117 56 8	5.0	2.0	7.0	.50	1,000	.5	N	N	200	1,000
IMS551	36 34 40	117 56 31	5.0	5.0	10.0	.70	700	.5	N	N	150	700
IMS553	36 36 5	117 58 9	3.0	7.0	15.0	.30	1,500	.7	N	N	70	700
IMS554	36 39 9	117 59 22	5.0	1.5	2.0	.50	2,000	<.5	N	N	70	1,000
IMS596	36 59 22	117 56 13	5.0	.5	2.0	.50	700	N	N	N	30	500
IMS597	36 59 59	117 56 29	10.0	1.0	5.0	>1.00	1,000	N	N	N	20	700
IMS598	36 58 31	117 56 8	7.0	3.0	10.0	.50	1,500	N	N	N	100	2,000
IMS599	36 58 32	117 57 40	5.0	1.5	10.0	.50	1,500	.7	N	N	70	1,000
IMS600	36 30 24	117 40 10	7.0	2.0	5.0	.50	200	N	N	N	50	200
IMS601	36 35 31	117 39 23	7.0	3.0	10.0	.70	1,000	.5	N	N	100	700
IMS602	36 38 35	117 36 34	15.0	5.0	>20.0	1.00	1,500	N	N	N	50	300
IMS603	36 39 18	117 36 49	20.0	7.0	15.0	>1.00	2,000	N	N	N	100	1,000

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS443	1.5	N	N	10	100	30	70	N	<20	20	200
IMS445	<1.0	N	N	20	300	100	70	30	20	100	100
IMS476	1.0	N	N	50	500	50	50	N	<20	70	70
IMS477	1.0	N	N	20	100	15	50	N	N	20	70
IMS478	1.0	N	N	30	200	15	70	N	N	70	30
IMS479	1.5	N	N	20	100	50	100	N	<20	50	200
IMS480	1.0	N	N	20	70	20	100	N	N	20	70
IMS481	1.0	<10	N	30	70	100	50	N	N	50	1,000
IMS482	<1.0	N	N	30	150	50	20	5	N	50	200
IMS483	1.0	N	N	20	100	100	50	10	N	70	5,000
IMS484	2.0	N	N	30	70	50	50	N	N	70	150
IMS485	1.0	N	N	30	50	30	100	N	N	30	50
IMS486	<1.0	N	N	20	30	10	70	N	N	20	10
IMS487	1.0	N	N	70	500	70	70	N	N	300	70
IMS488	1.0	N	N	10	100	20	50	N	N	70	20
IMS489	<1.0	N	N	20	150	20	50	N	N	100	50
IMS490	<1.0	N	N	20	100	20	50	N	N	70	70
IMS491	<1.0	N	N	20	300	30	50	N	N	100	70
IMS492	<1.0	N	N	50	500	30	70	N	N	150	50
IMS493	1.0	N	N	70	1,500	70	100	N	<20	200	200
IMS494	1.0	N	N	30	200	20	70	N	N	50	70
IMS495	1.0	N	N	30	300	20	70	N	N	100	70
IMS496	1.0	N	N	50	300	30	100	N	N	100	70
IMS497	1.0	N	N	50	500	50	70	N	<20	100	100
IMS498	<1.0	N	N	20	300	20	50	N	N	70	70
IMS499	1.5	N	N	20	200	20	100	N	N	100	20
IMS543	2.0	N	N	7	70	20	30	N	N	20	50
IMS544	1.5	N	N	10	70	20	20	N	N	20	50
IMS545	2.0	N	N	15	150	30	70	5	N	50	50
IMS546	2.0	N	N	15	200	30	50	10	N	70	100
IMS547	1.0	N	N	20	100	15	20	N	N	30	50
IMS548	3.0	N	N	15	50	50	50	N	N	30	70
IMS549	1.5	N	N	20	300	50	50	15	N	100	70
IMS550	3.0	N	N	10	200	20	20	N	N	70	30
IMS551	1.5	N	N	15	100	30	20	5	N	50	70
IMS553	1.0	N	N	15	100	30	20	N	N	20	70
IMS554	3.0	N	N	20	30	50	50	N	N	10	50
IMS596	2.0	N	N	7	50	15	70	N	<20	10	70
IMS597	1.5	N	N	15	70	30	100	<5	20	20	50
IMS598	1.0	N	N	20	100	100	70	30	N	50	100
IMS599	3.0	15	N	20	100	100	70	30	N	30	100
IMS600	N	N	N	20	300	20	N	N	N	70	50
IMS601	1.0	N	N	20	200	100	50	N	N	70	50
IMS602	<1.0	N	N	50	150	70	150	5	20	50	100
IMS603	1.5	N	N	50	150	100	150	N	<20	70	50

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS443	N	--	N	300	100	N	30	N	300	N
IMS445	N	--	N	300	200	N	50	N	500	N
IMS476	N	--	N	500	200	N	50	N	200	N
IMS477	N	--	N	200	100	N	20	N	300	N
IMS478	N	--	N	200	150	N	20	N	500	N
IMS479	N	--	N	500	150	N	30	200	200	N
IMS480	N	--	N	300	150	N	50	N	700	N
IMS481	N	--	N	300	150	<50	20	500	500	N
IMS482	N	--	N	100	100	N	20	N	300	N
IMS483	<100	--	N	200	200	N	20	1,000	500	N
IMS484	N	--	N	1,000	100	N	20	N	200	N
IMS485	N	--	N	1,000	300	N	15	N	1,000	N
IMS486	N	--	N	300	150	N	20	N	300	N
IMS487	N	--	N	700	200	N	50	N	500	N
IMS488	N	--	N	100	200	N	20	N	200	N
IMS489	N	--	N	300	150	N	20	N	200	N
IMS490	N	--	N	200	150	N	15	N	200	N
IMS491	N	--	N	200	100	N	20	N	500	N
IMS492	N	--	N	500	200	N	30	N	500	N
IMS493	N	--	N	700	200	N	70	N	1,000	N
IMS494	N	--	N	500	100	N	30	N	500	N
IMS495	N	--	N	500	100	N	50	N	500	N
IMS496	N	--	N	500	500	N	50	N	>1,000	N
IMS497	N	--	N	500	200	N	50	N	1,000	N
IMS498	N	--	N	500	100	N	30	N	1,000	N
IMS499	N	--	N	300	150	N	30	N	700	N
IMS543	N	--	N	200	100	N	20	N	200	N
IMS544	N	--	N	300	100	N	15	N	200	N
IMS545	N	--	N	500	200	N	50	N	150	N
IMS546	N	--	N	500	200	N	50	N	300	N
IMS547	N	--	N	100	150	N	20	N	200	N
IMS548	N	--	N	500	150	N	30	N	200	N
IMS549	N	--	N	300	200	N	50	N	500	N
IMS550	N	--	N	1,000	150	N	30	N	150	N
IMS551	N	--	N	300	200	N	30	N	200	N
IMS553	N	--	N	500	50	N	20	N	200	N
IMS554	N	--	N	500	150	N	50	N	150	N
IMS596	N	--	N	300	70	N	30	N	500	N
IMS597	N	--	N	300	200	N	50	N	>1,000	N
IMS598	N	--	N	200	70	N	50	N	500	N
IMS599	N	--	N	500	100	N	70	300	300	N
IMS600	N	--	N	100	100	N	15	N	150	N
IMS601	N	--	N	700	200	N	20	N	200	N
IMS602	N	--	N	200	200	N	70	N	1,000	N
IMS603	N	--	N	700	300	N	50	N	1,000	N

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS609	36 20 10	117 28 47	10.0	5.0	20.0	1.00	1,000	.7	N	N	100	1,000
IMS609Z	36 19 42	117 28 28	20.0	3.0	15.0	1.00	1,000	<.5	N	N	70	700
IMS610	36 19 18	117 27 33	5.0	2.0	7.0	.70	700	.7	N	N	100	500
IMS611	36 18 5	117 26 24	10.0	5.0	20.0	1.00	1,500	2.0	N	N	150	1,500
IMS612	36 16 40	117 28 15	3.0	2.0	10.0	.30	500	.5	N	N	50	200
IMS613	36 16 37	117 28 11	7.0	2.0	20.0	.30	200	<.5	N	N	70	150
IMS614	36 15 40	117 25 44	3.0	1.5	15.0	.30	500	<.5	N	N	50	200
IMS700	36 58 39	117 57 42	5.0	1.0	3.0	.50	1,000	N	N	N	50	500
IMS701	36 57 32	117 56 17	7.0	2.0	20.0	.50	1,000	.5	N	N	70	700
IMS702	36 55 13	117 57 43	5.0	1.5	10.0	.50	1,000	.7	N	N	100	500
IMS703	36 55 25	117 58 47	7.0	2.0	10.0	.50	1,500	<.5	N	N	150	700
IMS704	36 55 22	117 58 48	5.0	3.0	20.0	.50	1,000	<.5	N	N	100	700
IMS705	36 54 16	117 57 4	5.0	10.0	20.0	.50	1,000	.7	N	N	70	1,000
IMS706	36 52 25	117 58 28	10.0	2.0	5.0	.70	1,000	N	N	N	30	1,000
IMS707	36 52 22	117 58 27	>20.0	1.5	7.0	1.00	1,000	N	N	N	20	700

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS609	<1.0	N	N	50	500	50	100	50	N	100	70
IMS609Z	<1.0	N	N	70	300	70	70	30	N	70	70
IMS610	1.5	N	N	15	200	15	50	10	N	70	30
IMS611	1.0	N	N	20	500	50	150	30	<20	100	100
IMS612	1.0	N	N	10	100	10	50	N	N	30	50
IMS613	<1.0	N	N	30	150	20	50	10	N	70	200
IMS614	1.0	N	N	10	100	20	30	N	N	50	100
IMS700	2.0	N	N	20	100	30	50	N	N	50	70
IMS701	1.0	N	N	30	150	200	70	70	N	50	70
IMS702	5.0	N	N	20	100	50	50	30	<20	50	200
IMS703	2.0	N	N	30	100	50	100	10	N	70	100
IMS704	1.0	N	N	15	150	50	20	<5	N	30	100
IMS705	<1.0	N	N	15	150	50	20	N	N	30	150
IMS706	1.0	N	N	15	50	30	150	N	<20	10	70
IMS707	<1.0	N	N	30	150	50	200	N	30	20	30

Table 2.-- Spectrographic results from the analysis of minus-80-mesh stream sediment samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	Th-ppm
	%	%	%	%	%	%	%	%	%	%
IMS609	N	--	N	700	200	N	70	N	300	N
IMS609Z	N	--	N	500	300	N	50	N	1,000	N
IMS610	N	--	N	500	200	N	20	N	300	N
IMS611	N	--	N	700	200	N	70	N	700	N
IMS612	N	--	N	200	100	N	20	N	150	N
IMS613	N	--	N	100	100	N	20	N	300	N
IMS614	N	--	N	200	100	N	20	N	200	N
IMS700	N	--	N	200	100	N	30	N	700	N
IMS701	N	--	N	200	100	N	30	200	500	N
IMS702	N	--	N	200	100	N	30	N	200	N
IMS703	N	--	N	200	100	N	50	N	200	N
IMS704	N	--	N	200	70	N	30	N	150	N
IMS705	N	--	N	300	70	N	30	N	150	N
IMS706	N	--	N	500	150	N	50	N	200	N
IMS707	N	--	N	200	200	N	100	N	1,000	N

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.

[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
IMS001C3	36 22 58	117 37 50	1.50	3.00	30.0	2.0	700	N	N	N	500	1,500
IMS002C3	36 24 8	117 38 3	3.00	5.00	20.0	1.5	1,500	N	N	N	500	100
IMS003C3	36 26 15	117 37 5	1.00	1.50	15.0	>2.0	700	5.0	N	N	150	500
IMS005C3	36 31 38	117 39 13	1.50	2.00	20.0	>2.0	1,000	N	N	N	70	50
IMS007C3	36 31 33	117 40 1	1.00	1.00	20.0	>2.0	1,000	N	N	N	100	100
IMS008C3	36 32 17	117 40 20	1.00	1.50	30.0	>2.0	700	N	N	N	100	100
IMS009C3	36 32 20	117 40 23	2.00	3.00	20.0	2.0	1,000	N	N	N	100	300
IMS010C3	36 33 13	117 43 29	1.00	.70	30.0	>2.0	500	N	N	N	100	10,000
IMS011C3	36 33 40	117 43 37	3.00	15.00	20.0	.7	700	<1.0	N	N	200	500
IMS012C3	36 33 38	117 43 53	1.50	1.50	20.0	>2.0	700	N	N	N	200	500
IMS013C3	36 34 3	117 44 20	1.00	.50	20.0	>2.0	1,000	15.0	N	N	100	5,000
IMS014C3	36 34 7	117 44 10	2.00	10.00	10.0	.7	500	N	N	N	150	300
IMS015C3	36 28 59	117 35 55	.70	.50	20.0	>2.0	700	N	N	N	100	150
IMS016C3	36 27 6	117 35 10	1.00	.50	20.0	>2.0	1,000	N	N	N	50	50
IMS017C3	36 27 6	117 35 5	.70	.50	10.0	>2.0	700	N	N	N	50	70
IMS018C3	36 25 10	117 35 27	1.00	10.00	20.0	1.5	500	N	N	N	500	300
IMS019C3	36 25 12	117 35 17	1.00	3.00	20.0	>2.0	700	N	N	N	100	150
IMS020C3	36 24 52	117 33 35	1.00	10.00	20.0	>2.0	500	N	N	N	300	100
IMS021C3	36 24 49	117 33 35	1.00	15.00	30.0	2.0	500	N	N	N	300	300
IMS022C3	36 25 37	117 29 10	1.00	3.00	20.0	>2.0	1,000	N	N	N	200	300
IMS023C3	36 25 41	117 29 8	1.00	2.00	20.0	>2.0	700	N	N	N	100	70
IMS024C3	36 25 32	117 28 50	.70	.70	20.0	>2.0	700	N	N	N	70	70
IMS025C3	36 25 0	117 29 40	1.00	2.00	30.0	2.0	700	N	N	N	200	70
IMS026C3	36 24 25	117 29 56	1.50	5.00	20.0	>2.0	700	N	N	N	150	200
IMS027C3	36 22 35	117 29 40	1.00	3.00	20.0	>2.0	700	N	N	N	200	150
IMS028C3	36 22 25	117 29 46	1.00	2.00	20.0	>2.0	700	N	N	N	150	200
IMS029C3	36 22 19	117 29 50	1.50	3.00	20.0	>2.0	1,000	N	N	N	300	200
IMS030C3	36 22 12	117 29 40	1.00	1.50	10.0	2.0	700	N	N	N	200	500
IMS031C3	36 21 5	117 28 35	2.00	5.00	30.0	2.0	700	N	N	N	200	150
IMS032C	36 27 44	117 28 30	.50	.50	10.0	>2.0	500	N	N	N	20	<50
IMS033C	36 27 40	117 28 38	.50	.70	7.0	>2.0	500	N	N	N	20	<50
IMS034C	36 28 35	117 27 38	.50	.50	7.0	>2.0	500	N	N	N	50	<50
IMS035C	36 27 46	117 25 42	.70	.50	7.0	>2.0	700	N	N	N	50	<50
IMS036C	36 27 46	117 25 38	.30	.50	7.0	>2.0	500	N	N	N	30	50
IMS037C	36 27 15	117 25 3	.50	.50	10.0	>2.0	500	N	N	N	70	70
IMS038C	36 26 38	117 24 23	.20	.30	10.0	2.0	500	N	N	N	50	50
IMS039C	36 26 20	117 24 10	.20	.50	10.0	>2.0	500	N	N	N	70	<50
IMS040C	36 25 53	117 23 50	.30	5.00	10.0	.7	200	20.0	1,000	N	50	N
IMS041C	36 24 36	117 22 50	.70	5.00	10.0	1.5	200	N	N	N	100	<50
IMS042C	36 24 24	117 22 15	.50	7.00	10.0	1.5	150	N	N	N	70	N
IMS043C	36 23 45	117 21 28	1.00	3.00	10.0	>2.0	500	N	N	N	200	50
IMS044C	36 23 44	117 18 55	1.00	2.00	5.0	>2.0	500	N	N	N	100	100
IMS045C	36 23 39	117 18 52	.50	1.00	7.0	>2.0	500	N	N	N	200	200
IMS046C	36 22 29	117 20 32	.70	1.00	10.0	>2.0	500	N	N	N	100	300

IMS048C	36 15 40	117 15 34	.70	1.50	5.0	>2.0	500	N	N	N	300	2,000

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.

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
IMS001C3	3	N	N	<10	100	1,000	700	N	150	20	1,000
IMS002C3	5	N	N	30	300	15	150	N	100	150	<20
IMS003C3	N	N	N	10	150	<10	700	20	300	15	700
IMS005C3	N	N	N	15	150	10	1,000	20	200	30	30
IMS007C3	N	N	N	15	70	10	700	20	300	15	<20
IMS008C3	N	N	N	10	70	<10	700	15	150	15	<20
IMS009C3	2	N	N	15	100	<10	500	<10	100	30	30
IMS010C3	N	N	N	10	70	10	700	10	200	15	500
IMS011C3	N	N	N	10	300	10	100	N	<50	50	30
IMS012C3	N	N	N	10	150	100	500	N	200	20	200
IMS013C3	N	30	N	15	50	70	500	100	300	10	2,000
IMS014C3	7	N	N	<10	300	10	<50	N	<50	30	20
IMS015C3	N	N	N	15	50	10	1,000	30	300	10	50
IMS016C3	N	N	N	10	50	<10	1,000	30	300	N	20
IMS017C3	N	N	N	10	50	<10	1,000	20	300	15	30
IMS018C3	<2	N	N	<10	70	70	500	N	70	50	500
IMS019C3	N	N	N	10	150	10	700	20	300	30	100
IMS020C3	N	N	N	10	150	10	700	10	200	30	50
IMS021C3	2	N	N	10	100	10	500	N	150	20	70
IMS022C3	2	N	N	10	100	10	700	20	300	15	50
IMS023C3	N	N	N	15	200	15	1,000	15	200	30	100
IMS024C3	N	N	N	10	50	10	1,000	20	150	10	20
IMS025C3	N	N	N	10	300	15	700	15	200	30	100
IMS026C3	<2	N	N	10	200	30	300	<10	150	50	300
IMS027C3	<2	N	N	10	200	10	500	10	200	15	30
IMS028C3	N	N	N	10	150	10	700	10	200	15	70
IMS029C3	<2	N	N	10	300	10	700	10	200	30	100
IMS030C3	<2	N	N	10	100	10	300	N	100	20	150
IMS031C3	<2	N	N	<10	200	10	200	N	70	20	20
IMS032C	N	N	N	10	20	10	2,000	30	70	N	50
IMS033C	N	N	N	15	20	15	1,500	30	50	10	30
IMS034C	N	N	N	10	20	<10	>2,000	20	50	10	30
IMS035C	N	N	N	10	N	<10	>2,000	20	50	10	30
IMS036C	N	N	N	10	<20	10	2,000	20	50	N	100
IMS037C	<2	N	N	10	N	15	>2,000	10	<50	N	30
IMS038C	N	N	N	N	N	15	2,000	N	N	N	20
IMS039C	N	N	N	N	<20	10	>2,000	N	<50	N	20
IMS040C	N	<20	<50	N	20	20	50	150	N	N	50,000
IMS041C	<2	N	N	N	200	<10	100	10	<50	20	1,000
IMS042C	<2	N	N	N	100	<10	100	<10	<50	10	300
IMS043C	<2	N	N	N	50	10	500	15	50	10	100
IMS044C	N	N	N	20	200	10	700	10	<50	70	100
IMS045C	N	N	N	N	20	10	1,500	20	50	10	70
IMS046C	N	N	N	10	30	<10	1,000	10	70	15	30
IMS048C	<2	N	N	10	150	10	150	N	200	15	20

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.

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
IMS001C3	N	10	50	700	200	N	300	N	>2,000	300
IMS002C3	N	30	N	500	150	N	150	N	>2,000	N
IMS003C3	N	20	50	<200	300	N	500	N	>2,000	1,000
IMS005C3	N	20	30	500	300	N	300	N	>2,000	300
IMS007C3	N	20	50	<200	300	N	300	N	>2,000	200
IMS008C3	N	10	<20	500	300	N	200	N	>2,000	<200
IMS009C3	N	15	N	500	200	N	150	N	>2,000	300
IMS010C3	N	30	<20	1,000	300	N	500	N	>2,000	700
IMS011C3	N	20	N	700	200	N	70	N	700	N
IMS012C3	N	20	50	<200	200	N	500	N	>2,000	<200
IMS013C3	N	15	30	<200	500	700	700	N	>2,000	200
IMS014C3	N	10	N	<200	200	N	70	N	1,000	N
IMS015C3	N	30	100	N	500	N	700	N	>2,000	3,000
IMS016C3	N	20	70	N	500	N	500	N	>2,000	700
IMS017C3	N	30	70	N	300	N	500	N	>2,000	1,500
IMS018C3	N	15	N	500	200	N	500	500	>2,000	500
IMS019C3	N	20	70	500	300	N	500	N	>2,000	700
IMS020C3	N	15	N	<200	200	N	500	N	>2,000	500
IMS021C3	N	10	N	500	200	N	200	N	>2,000	700
IMS022C3	N	20	50	500	300	N	500	N	>2,000	1,000
IMS023C3	N	30	30	<200	300	N	700	N	>2,000	2,000
IMS024C3	N	15	70	<200	500	N	700	N	>2,000	1,500
IMS025C3	N	15	30	1,000	200	N	300	N	2,000	N
IMS026C3	N	10	N	700	500	N	100	N	>2,000	300
IMS027C3	N	15	30	700	300	N	150	N	>2,000	500
IMS028C3	N	30	30	<200	300	N	500	N	>2,000	1,500
IMS029C3	N	30	50	<200	500	N	700	N	>2,000	1,500
IMS030C3	N	30	N	<200	70	N	500	<500	>2,000	1,000
IMS031C3	N	10	N	500	100	N	150	N	>2,000	N
IMS032C	N	--	50	N	300	N	500	N	--	500
IMS033C	N	--	70	N	300	N	700	N	--	1,000
IMS034C	N	--	70	N	300	N	500	N	--	300
IMS035C	N	--	50	N	300	N	500	N	--	700
IMS036C	N	--	70	N	300	N	1,000	N	--	1,000
IMS037C	N	--	30	200	200	N	700	N	--	1,500
IMS038C	N	--	<20	200	100	N	700	N	--	1,000
IMS039C	N	--	30	200	200	N	700	N	--	1,000
IMS040C	200	--	30	N	500	N	50	10,000	--	N
IMS041C	N	--	N	200	150	N	70	N	--	N
IMS042C	N	--	N	200	100	N	100	N	--	N
IMS043C	N	--	50	200	150	N	500	N	--	N
IMS044C	N	--	50	N	200	N	700	N	--	<200
IMS045C	N	--	50	200	200	N	500	N	--	200
IMS046C	N	--	30	200	100	N	500	N	--	200
IMS048C	1,000	--	20	1,000	300	<100	100	N	--	N

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS049C	36 16 29	117 16 50	1.00	1.50	7.0	>2.0	300	N	N	N	300	3,000
IMS050C	36 17 44	117 17 58	.70	.70	5.0	>2.0	200	N	N	N	200	300
IMS051C	36 18 28	117 18 32	1.00	.70	5.0	>2.0	200	N	N	N	500	10,000
IMS052C	36 19 24	117 19 38	1.00	.50	3.0	>2.0	200	N	N	N	100	1,000
IMS053C	36 21 22	117 18 46	1.00	2.00	1.5	>2.0	500	N	N	N	50	1,500
IMS054C	36 21 46	117 18 47	.50	1.00	10.0	>2.0	500	N	N	N	100	50
IMS055	36 55 12	117 56 51	1.50	3.00	10.0	>2.0	2,000	15.0	N	N	200	300
IMS056	36 55 23	117 56 50	1.00	2.00	7.0	>2.0	1,000	30.0	1,500	N	2,000	100
IMS057	36 54 23	117 54 25	1.00	3.00	7.0	>2.0	1,500	5.0	N	N	1,500	100
IMS058	36 52 56	117 54 17	1.50	5.00	10.0	>2.0	1,500	N	N	N	2,000	50
IMS059	36 52 43	117 54 24	1.50	5.00	10.0	>2.0	1,500	5.0	N	N	2,000	150
IMS060	36 52 10	117 54 15	1.00	5.00	10.0	>2.0	1,000	N	N	N	100	N
IMS061	36 50 47	117 54 33	1.00	1.00	10.0	>2.0	1,000	N	N	N	70	200
IMS062	36 49 6	117 54 53	.70	2.00	10.0	>2.0	500	N	N	N	100	1,000
IMS063	36 37 10	117 38 55	.50	.50	7.0	>2.0	500	N	N	N	20	100
IMS064	36 40 20	117 49 34	1.00	2.00	7.0	.7	150	10.0	2,000	N	300	1,000
IMS065	36 40 18	117 49 34	1.00	5.00	10.0	2.0	300	70.0	<500	N	150	1,500
IMS067	36 42 3	117 50 55	1.50	2.00	10.0	>2.0	500	N	N	N	20	200
IMS068	36 44 12	117 52 5	.70	3.00	10.0	>2.0	300	N	N	N	70	100
IMS069	36 26 18	117 36 50	1.00	1.00	.7	.7	200	1,000.0	500	N	50	>10,000
IMS069R	36 26 18	117 36 50	1.00	1.00	1.0	.7	200	2,000.0	1,000	N	70	>10,000
IMS070	36 30 14	117 36 13	.20	.50	7.0	>2.0	200	30.0	N	N	30	5,000
IMS071	36 30 55	117 34 5	.20	.20	5.0	>2.0	300	2.0	N	N	20	500
IMS072	36 31 59	117 33 30	.15	.10	5.0	>2.0	200	50.0	N	N	20	3,000
IMS074	36 35 46	117 44 46	1.00	3.00	7.0	>2.0	200	10.0	N	N	100	1,000
IMS075	36 34 41	117 47 37	2.00	2.00	10.0	>2.0	150	3.0	700	N	150	150
IMS084	36 26 31	117 36 59	.20	3.00	7.0	>2.0	200	10.0	N	N	200	2,000
IMS084R	36 26 31	117 36 59	.70	5.00	10.0	>2.0	300	50.0	N	N	300	5,000
IMS087C	36 56 28	117 56 17	2.00	2.00	5.0	>2.0	700	50.0	N	N	>5,000	1,000
IMS091C	36 34 33	117 46 43	.70	3.00	5.0	>2.0	500	N	N	N	200	300
IMS093C	36 35 20	117 48 42	1.00	1.00	10.0	>2.0	200	3.0	N	N	200	200
IMS094C	36 35 17	117 48 43	.50	1.50	10.0	>2.0	200	N	N	N	100	500
IMS095C	36 34 50	117 47 51	.70	2.00	7.0	>2.0	500	30.0	N	N	300	10,000
IMS097C	36 33 25	117 47 22	1.00	2.00	7.0	>2.0	700	500.0	5,000	50	500	1,000
IMS099C	36 33 42	117 46 55	.70	1.00	7.0	>2.0	500	10.0	N	N	300	>10,000
IMS100C	36 34 3	117 46 59	1.00	2.00	10.0	>2.0	700	10.0	N	N	30	3,000
IMS102C	36 33 51	117 47 24	.70	5.00	10.0	>2.0	500	10.0	N	N	70	200
IMS105C	36 25 50	117 23 23	.50	1.00	15.0	.5	300	1.5	N	N	20	50
IMS109C	36 34 10	117 46 1	.70	2.00	10.0	>2.0	500	7.0	N	N	300	200
IMS113C	36 31 55	117 33 30	.50	.07	7.0	>2.0	300	N	N	N	<20	<50
IMS200	36 32 8	117 34 5	.30	.05	7.0	>2.0	300	N	N	N	<20	50
IMS201	36 32 33	117 33 59	.50	<.05	5.0	>2.0	300	N	N	N	20	<50
IMS202	36 33 10	117 34 35	.70	<.05	7.0	>2.0	500	N	N	N	20	50
IMS203	36 33 38	117 35 18	.50	<.05	10.0	>2.0	500	N	N	N	20	N
IMS204	36 33 50	117 35 25	.70	.10	10.0	>2.0	300	N	N	N	20	<50

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS049C	<2	N	N	N	200	10	100	N	150	15	30
IMS050C	2	N	N	N	100	<10	100	N	70	10	20
IMS051C	2	N	N	N	100	<10	150	N	70	10	20
IMS052C	3	30	N	N	100	N	100	10	50	10	70
IMS053C	<2	N	N	20	200	10	100	N	50	150	50
IMS054C	N	N	N	N	20	10	1,500	10	50	10	20
IMS055	30	200	N	10	30	10	1,000	1,000	300	10	15,000
IMS056	100	20	N	N	70	30	500	>5,000	<50	10	>50,000
IMS057	100	200	N	10	50	20	500	1,000	50	10	15,000
IMS058	15	<20	N	N	70	10	300	50	70	10	500
IMS059	70	100	N	100	70	10	200	700	150	10	5,000
IMS060	<2	300	N	N	20	<10	500	10	100	10	200
IMS061	N	N	N	15	N	15	1,000	100	200	10	300
IMS062	N	N	N	10	50	N	700	10	50	N	150
IMS063	N	N	N	10	N	<10	2,000	20	50	N	100
IMS064	<2	N	N	N	100	50	50	N	<50	10	200
IMS065	<2	N	N	N	100	30	100	30	<50	10	700
IMS067	N	N	N	15	N	10	200	10	50	N	50
IMS068	N	N	N	N	200	10	200	N	<50	N	100
IMS069	N	20	>1,000	10	50	1,500	50	N	N	20	50,000
IMS069R	N	20	>1,000	10	20	2,000	50	<10	N	20	>50,000
IMS070	N	N	50	N	50	50	1,000	N	N	N	5,000
IMS071	N	N	N	N	N	10	1,000	10	50	N	500
IMS072	N	N	<50	N	N	20	1,500	10	<50	N	5,000
IMS074	<2	<20	N	N	100	10	200	<10	50	15	3,000
IMS075	N	N	150	10	20	20	150	70	50	20	7,000
IMS084	N	700	100	N	50	1,500	200	100	50	10	20,000
IMS084R	N	50	70	N	70	500	500	10	<50	10	10,000
IMS087C	N	30	N	20	100	70	500	>5,000	N	50	50,000
IMS091C	N	N	N	N	30	<10	300	20	N	30	500
IMS093C	N	N	N	10	50	10	700	<10	N	15	500
IMS094C	N	N	N	N	50	<10	1,000	10	50	10	300
IMS095C	N	700	N	10	70	30	1,000	150	<50	20	2,000
IMS097C	N	<20	150	10	50	1,000	500	200	70	30	>50,000
IMS099C	N	>2,000	N	N	20	50	200	15	<50	10	5,000
IMS100C	N	30	N	N	20	50	500	10	50	10	7,000
IMS102C	N	700	N	N	20	15	300	70	50	10	5,000
IMS105C	<2	N	N	N	50	10	N	N	N	20	2,000
IMS109C	N	500	N	10	50	20	300	15	70	10	2,000
IMS113C	N	N	N	10	N	N	1,500	30	70	N	50
IMS200	N	N	N	10	N	N	2,000	10	100	N	<20
IMS201	N	N	N	10	N	N	1,500	15	50	N	20
IMS202	N	N	N	10	N	N	2,000	10	50	N	20
IMS203	N	N	N	10	N	N	2,000	15	70	N	<20
IMS204	N	N	N	10	N	N	2,000	10	50	N	20

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	Th-ppm
	S	S	S	S	S	S	S	S	S	S
IMS049C	N	--	20	700	200	N	100	N	--	N
IMS050C	N	--	N	500	100	N	100	N	--	N
IMS051C	N	--	N	500	100	N	150	N	--	N
IMS052C	N	--	20	500	100	<100	500	N	--	N
IMS053C	N	--	N	N	50	N	200	N	--	N
IMS054C	N	--	30	300	150	N	700	N	--	<200
IMS055	N	--	100	N	150	1,000	500	N	--	N
IMS056	N	--	30	500	100	100	200	5,000	--	N
IMS057	N	--	50	N	100	500	300	500	--	<200
IMS058	N	--	30	N	100	<100	200	N	--	N
IMS059	N	--	70	N	100	300	150	N	--	N
IMS060	N	--	20	N	150	200	500	N	--	700
IMS061	N	--	70	200	200	N	1,000	N	--	1,500
IMS062	N	--	50	200	100	N	500	N	--	<200
IMS063	N	--	50	200	200	N	700	N	--	1,000
IMS064	N	--	N	200	200	N	20	1,000	--	N
IMS065	N	--	N	200	200	N	70	700	--	N
IMS067	N	--	20	200	500	N	300	N	--	N
IMS068	N	--	20	200	300	N	200	N	--	200
IMS069	2,000	--	N	2,000	1,000	N	20	>20,000	--	N
IMS069R	2,000	--	N	3,000	2,000	200	50	>20,000	--	N
IMS070	N	--	N	200	200	N	300	2,000	--	1,000
IMS071	N	--	30	200	200	N	200	N	--	<200
IMS072	N	--	20	200	200	N	300	3,000	--	500
IMS074	N	--	N	300	200	N	150	500	--	N
IMS075	1,000	--	<20	200	100	500	200	1,000	--	N
IMS084	<200	--	300	200	7,000	500	200	1,500	--	<200
IMS084R	<200	--	50	200	2,000	100	300	3,000	--	<200
IMS087C	N	--	30	200	150	N	500	1,000	--	N
IMS091C	N	--	30	200	200	N	200	500	--	N
IMS093C	N	--	50	300	100	N	300	1,500	--	N
IMS094C	N	--	30	200	150	N	200	N	--	1,500
IMS095C	N	--	150	200	200	100	500	2,000	--	200
IMS097C	3,000	--	1,500	200	200	300	300	3,000	--	200
IMS099C	N	--	30	500	100	300	150	1,000	--	<200
IMS100C	N	--	30	200	200	<100	200	700	--	<200
IMS102C	N	--	30	N	150	500	200	700	--	<200
IMS105C	N	--	N	N	70	N	20	2,000	--	N
IMS109C	N	--	50	200	200	N	200	N	--	N
IMS113C	N	--	50	N	200	N	200	N	--	500
IMS200	N	--	50	200	150	N	300	N	--	300
IMS201	N	--	30	N	150	N	500	N	--	200
IMS202	N	--	50	N	200	N	500	N	--	<200
IMS203	N	--	50	N	200	N	700	N	--	200
IMS204	N	--	30	N	150	N	500	N	--	<200

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS205	36 33 57	117 36 6	.50	<.05	7.0	>2.0	300	N	N	N	<20	N
IMS206	36 36 27	117 38 18	.70	2.00	7.0	>2.0	300	N	N	N	150	50
IMS207	36 36 31	117 38 25	.50	1.00	7.0	>2.0	300	N	N	N	50	<50
IMS208	36 34 40	117 46 0	.70	3.00	7.0	>2.0	500	N	N	N	300	100
IMS209	36 34 42	117 46 3	2.00	2.00	7.0	>2.0	300	2.0	N	N	100	7,000
IMS210	36 35 10	117 44 37	1.00	5.00	10.0	.3	200	<1.0	N	N	50	70
IMS211	36 34 52	117 44 37	.70	5.00	7.0	.5	200	N	N	N	100	50
IMS212	36 34 38	117 44 44	.70	.70	2.0	>2.0	200	50.0	<500	N	150	<50
IMS213	36 34 40	117 44 51	.50	.30	1.0	1.0	100	<1.0	N	N	100	<50
IMS214	36 33 35	117 46 35	1.50	1.00	7.0	>2.0	500	15.0	N	N	200	150
IMS215C3	36 25 22	117 35 58	.50	1.00	3.0	>2.0	500	N	N	N	50	<50
IMS216C3	36 22 3	117 34 15	.50	1.00	3.0	>2.0	200	N	N	N	100	100
IMS217C3	36 22 6	117 34 25	.70	1.50	5.0	>2.0	500	N	N	N	100	1,500
IMS218C3	36 20 6	117 30 35	.70	1.00	3.0	>2.0	300	N	N	N	70	<50
IMS219C3	36 20 0	117 30 35	.70	1.00	5.0	>2.0	500	10.0	1,500	N	100	200
IMS220C3	36 22 25	117 16 55	1.00	3.00	3.0	>2.0	500	N	N	N	200	100
IMS221C3	36 21 35	117 17 20	.20	10.00	1.0	1.5	1,000	N	N	N	100	3,000
IMS222C3	36 21 23	117 17 38	1.50	7.00	2.0	>2.0	1,500	N	N	N	300	2,000
IMS223C3	36 20 45	117 20 45	1.00	10.00	2.0	>2.0	500	N	N	N	100	1,500
IMS227C	36 27 0	117 29 25	1.00	.07	10.0	>2.0	700	1.0	N	N	20	1,000
IMS228C	36 28 29	117 30 50	1.00	.70	7.0	>2.0	500	N	N	N	50	<50
IMS229C	36 28 44	117 30 59	1.00	.05	7.0	>2.0	700	N	N	N	70	70
IMS230C	36 28 43	117 31 1	1.00	1.00	15.0	>2.0	700	N	N	N	100	<50
IMS231C	36 28 40	117 31 40	.30	.20	10.0	2.0	300	N	N	N	70	<50
IMS232C	36 28 38	117 31 39	.30	.50	10.0	2.0	500	N	N	N	70	<50
IMS233C	36 28 49	117 31 32	.50	.50	7.0	2.0	500	N	N	N	70	50
IMS234C	36 26 59	117 30 22	.70	5.00	10.0	2.0	700	N	N	N	100	<50
IMS235C	36 27 4	117 30 23	.50	1.00	10.0	2.0	500	N	N	N	70	<50
IMS236C	36 27 14	117 30 10	.50	.50	5.0	>2.0	200	N	N	N	70	<50
IMS237C	36 25 32	117 32 10	.70	3.00	7.0	2.0	200	N	N	N	100	<50
IMS238C	36 25 36	117 32 9	1.00	1.50	5.0	>2.0	300	N	N	N	70	<50
IMS239C	36 21 53	117 31 57	.50	.70	7.0	1.0	300	N	N	N	100	<50
IMS240C	36 21 50	117 31 55	.70	1.00	5.0	2.0	300	N	N	N	150	1,000
IMS241C	36 23 40	117 30 5	1.50	5.00	10.0	1.0	200	N	N	N	100	50
IMS242C	36 30 20	117 31 45	.70	.05	7.0	>2.0	500	N	N	N	20	50
IMS243C	36 30 20	117 31 42	1.50	.07	7.0	>2.0	500	N	N	N	<20	<50
IMS244C	36 30 6	117 31 45	.50	.10	5.0	>2.0	300	N	N	N	70	<50
IMS245C	36 30 20	117 30 40	.30	<.05	5.0	>2.0	300	N	N	N	20	<50
IMS246C	36 30 20	117 30 45	.70	<.05	7.0	>2.0	500	N	N	N	<20	<50
IMS247C	36 30 20	117 37 5	1.00	.30	7.0	>2.0	500	N	N	N	70	<50
IMS248C	36 30 23	117 37 8	.70	.50	7.0	>2.0	500	N	N	N	50	<50
IMS249C3	36 30 37	117 37 50	.70	.70	7.0	>2.0	300	N	N	N	20	<50
IMS250C3	36 30 36	117 37 53	.50	.50	7.0	>2.0	300	N	N	N	<20	N
IMS251C3	36 31 38	117 38 20	.70	.70	7.0	>2.0	500	N	N	N	30	<50
IMS252C3	36 33 48	117 41 23	1.00	5.00	10.0	1.5	500	N	N	N	100	100

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS205	N	N	N	10	N	N	2,000	20	50	N	20
IMS206	<2	N	N	N	50	<10	1,500	10	50	10	30
IMS207	<2	N	N	N	20	<10	2,000	10	<50	N	100
IMS208	<2	N	N	N	70	N	200	N	N	N	30
IMS209	N	>2,000	N	20	50	500	1,500	<10	50	20	200
IMS210	2	N	N	N	100	10	N	N	N	15	20
IMS211	3	N	N	N	150	<10	50	N	N	15	<20
IMS212	2	N	N	N	200	200	150	N	<50	10	10,000
IMS213	3	N	N	N	150	<10	70	N	<50	N	50
IMS214	<2	1,500	<50	15	50	100	1,000	20	50	20	10,000
IMS215C3	N	N	N	10	50	10	1,000	10	50	10	100
IMS216C3	N	N	N	N	50	<10	500	10	<50	10	50
IMS217C3	<2	N	N	10	150	10	2,000	10	50	15	300
IMS218C3	N	N	N	10	100	20	700	10	<50	15	1,000
IMS219C3	N	300	N	15	70	20	1,500	20	<50	10	7,000
IMS220C3	2	<20	N	15	300	20	200	N	50	30	500
IMS221C3	<2	N	N	70	20	20	50	N	<50	500	30
IMS222C3	5	N	N	50	200	30	200	N	<50	200	100
IMS223C3	N	N	N	50	200	20	200	N	50	200	1,000
IMS227C	N	N	N	N	N	10	1,500	30	100	<10	150
IMS228C	<2	N	N	N	<20	10	500	N	50	10	30
IMS229C	N	N	N	N	N	20	1,000	30	150	<10	50
IMS230C	N	N	N	N	70	15	1,500	10	50	<10	20
IMS231C	N	N	N	N	<20	<10	1,000	N	<50	<10	30
IMS232C	N	N	N	N	<20	<10	1,000	N	50	<10	30
IMS233C	N	N	N	N	30	<10	1,000	N	70	<10	<20
IMS234C	N	N	N	N	50	<10	200	N	70	<10	<20
IMS235C	N	N	N	N	70	10	700	<10	50	<10	30
IMS236C	N	N	N	N	50	15	500	<10	50	<10	30
IMS237C	N	N	N	N	50	10	300	<10	70	15	30
IMS238C	N	N	N	N	100	10	1,000	15	100	15	20
IMS239C	N	N	N	N	20	<10	500	N	N	<10	30
IMS240C	2	N	N	N	20	15	500	<10	N	10	100
IMS241C	2	N	N	N	100	20	200	N	N	10	200
IMS242C	N	N	N	N	<20	10	1,000	10	100	<10	30
IMS243C	N	N	N	<10	N	20	1,500	20	150	<10	<20
IMS244C	N	N	N	N	<20	10	1,000	10	70	10	20
IMS245C	N	N	N	N	<20	<10	1,000	<10	50	<10	<20
IMS246C	N	N	N	N	<20	10	1,500	30	100	<10	20
IMS247C	N	N	N	N	<20	15	2,000	10	70	<10	20
IMS248C	N	N	N	<10	50	<10	1,500	N	50	<10	30
IMS249C3	N	N	N	10	30	N	2,000	30	50	N	20
IMS250C3	N	N	N	10	N	<10	1,500	15	<50	N	30
IMS251C3	N	N	N	10	<20	<10	2,000	15	50	N	50
IMS252C3	N	N	N	N	200	10	100	N	<50	20	<20

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS205	N	--	50	N	200	N	700	N	--	N
IMS206	N	--	30	200	150	N	300	N	--	<200
IMS207	N	--	30	N	150	N	500	N	--	300
IMS208	N	--	20	300	150	N	200	N	--	N
IMS209	N	--	50	200	200	<100	700	N	--	N
IMS210	N	--	N	300	100	N	20	N	--	N
IMS211	N	--	N	200	100	N	20	N	--	N
IMS212	700	--	300	N	200	150	150	N	--	N
IMS213	N	--	N	N	100	N	20	N	--	N
IMS214	N	--	30	200	150	100	500	1,000	--	<200
IMS215C3	N	--	70	N	200	N	700	N	--	500
IMS216C3	N	--	30	N	100	N	300	N	--	500
IMS217C3	N	--	50	N	200	N	700	N	--	500
IMS218C3	N	--	50	200	300	100	500	N	--	300
IMS219C3	N	--	70	N	300	200	700	2,000	--	700
IMS220C3	N	--	20	300	70	N	300	<500	--	<200
IMS221C3	N	--	N	N	<20	N	50	N	--	N
IMS222C3	N	--	20	200	70	N	200	N	--	N
IMS223C3	N	--	70	200	100	N	200	N	--	<200
IMS227C	N	50	30	<200	150	N	500	N	>2,000	300
IMS228C	N	100	20	<200	150	N	500	N	>2,000	500
IMS229C	N	30	50	N	150	N	500	N	>2,000	<200
IMS230C	N	100	30	N	200	N	700	N	>2,000	300
IMS231C	N	50	N	<200	100	N	500	N	>2,000	500
IMS232C	N	100	N	200	100	N	500	N	>2,000	700
IMS233C	N	20	30	<200	100	N	500	N	>2,000	300
IMS234C	N	10	<20	200	100	N	100	N	>2,000	<200
IMS235C	N	50	20	300	150	N	200	N	>2,000	200
IMS236C	N	100	20	N	100	N	500	N	>2,000	500
IMS237C	N	50	N	200	150	N	200	N	>2,000	200
IMS238C	N	10	30	200	100	N	200	N	>2,000	200
IMS239C	N	50	N	<200	100	N	500	N	>2,000	<200
IMS240C	N	100	N	200	150	N	700	N	>2,000	300
IMS241C	N	20	N	500	150	N	300	N	>2,000	<200
IMS242C	N	30	30	<200	200	N	700	N	>2,000	300
IMS243C	N	N	50	N	200	N	700	N	>2,000	<200
IMS244C	N	100	30	N	150	N	700	N	>2,000	700
IMS245C	N	30	30	<200	150	N	500	N	>2,000	300
IMS246C	N	50	50	N	150	N	700	N	>2,000	200
IMS247C	N	10	50	N	200	N	700	N	>2,000	300
IMS248C	N	50	30	300	150	N	700	N	>2,000	500
IMS249C3	N	--	50	N	300	N	500	N	--	500
IMS250C3	N	--	30	N	300	N	500	N	--	1,000
IMS251C3	N	--	30	200	150	N	500	N	--	700
IMS252C3	N	--	N	200	100	N	100	N	--	N

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm %	Ag-ppm %	As-ppm %	Au-ppm %	B-ppm %	Ba-ppm %
IMS253C3	36 33 35	117 41 1	1.00	5.00	10.0	2.0	500	N	N	N	200	100
IMS254C3	36 33 59	117 42 13	1.00	7.00	10.0	.5	500	N	N	N	200	150
IMS255C3	36 33 58	117 42 20	.50	5.00	7.0	.3	200	N	N	N	150	50
IMS256C3	36 35 52	117 44 37	1.50	5.00	10.0	1.5	1,000	N	N	N	200	50
IMS257C3	36 36 21	117 44 53	1.00	5.00	7.0	2.0	200	2.0	N	N	100	100
IMS258C3	36 38 20	117 44 35	.50	.50	7.0	>2.0	700	N	N	N	<20	N
IMS259C3	36 37 58	117 43 36	.50	.70	7.0	>2.0	500	N	N	N	20	100
IMS260C3	36 37 51	117 43 18	.70	1.00	15.0	>2.0	700	N	N	N	20	300
IMS261C3	36 37 37	117 42 34	1.00	2.00	5.0	>2.0	300	N	N	N	50	150
IMS262C3	36 37 36	117 41 54	.50	2.00	10.0	>2.0	700	N	N	N	70	70
IMS263C3	36 37 28	117 40 55	.50	.50	10.0	>2.0	700	N	N	N	20	1,000
IMS264C3	36 37 16	117 39 53	.50	.70	10.0	>2.0	700	N	N	N	30	200
IMS265C3	36 36 50	117 39 30	.50	3.00	10.0	>2.0	500	N	N	N	100	150
IMS266C3	36 35 37	117 38 50	.50	1.50	10.0	>2.0	500	N	N	N	50	100
IMS267C3	36 34 47	117 38 25	.70	.50	7.0	>2.0	500	N	N	N	20	N
IMS268C3	36 34 4	117 37 21	.50	.10	7.0	>2.0	500	N	N	N	<20	N
IMS269C3	36 35 52	117 36 20	.50	.20	7.0	>2.0	700	N	N	N	<20	N
IMS270C3	36 35 53	117 36 17	.70	.70	7.0	>2.0	500	N	N	N	30	50
IMS271C3	36 35 56	117 36 20	.50	.50	10.0	>2.0	500	N	N	N	<20	<50
IMS272C3	36 35 16	117 35 43	.70	.70	7.0	>2.0	700	N	N	N	20	50
IMS273C3	36 35 5	117 34 6	.30	.50	15.0	>2.0	500	1.0	N	N	30	<50
IMS274C3	36 35 10	117 34 8	.50	.70	15.0	2.0	700	N	N	N	30	N
IMS275C3	36 34 53	117 34 38	.50	.30	7.0	>2.0	500	N	N	N	<20	N
IMS276C3	36 34 40	117 35 0	.70	1.00	10.0	>2.0	500	N	N	N	20	<50
IMS277C3	36 34 13	117 35 17	.50	.50	10.0	>2.0	300	N	N	N	20	N
IMS278C3	36 35 17	117 35 5	.50	.10	7.0	>2.0	500	N	N	N	<20	N
IMS279C3	36 35 21	117 35 4	.50	2.00	10.0	>2.0	500	N	N	N	30	100
IMS280C3	36 35 55	117 34 5	.30	1.00	15.0	>2.0	500	N	N	N	20	N
IMS281C3	36 36 1	117 34 15	.70	1.00	15.0	2.0	500	N	N	N	700	N
IMS282C3	36 35 30	117 34 17	.20	.50	20.0	1.5	700	N	N	N	20	N
IMS283C3	36 35 10	117 30 40	.50	.50	7.0	>2.0	300	N	N	N	20	N
IMS284C3	36 35 8	117 30 47	.70	.50	7.0	>2.0	500	N	N	N	<20	50
IMS285C3	36 38 27	117 37 26	.70	.50	10.0	>2.0	1,000	N	N	N	20	N
IMS286C3	36 38 29	117 37 24	.50	2.00	7.0	>2.0	700	1.0	N	N	70	100
IMS287C3	36 40 1	117 37 23	.50	1.00	10.0	>2.0	700	N	N	N	<20	200
IMS288C3	36 40 5	117 37 21	.50	.70	10.0	>2.0	700	N	N	N	20	1,500
IMS289C3	36 41 1	117 37 52	.70	1.50	10.0	>2.0	500	N	N	N	70	100
IMS290C3	36 36 1	117 45 58	1.00	5.00	10.0	.7	200	<1.0	N	N	100	200
IMS291C3	36 35 59	117 45 55	.70	2.00	7.0	>2.0	500	N	N	N	50	200
IMS292C3	36 38 55	117 46 4	1.50	3.00	15.0	1.0	500	<1.0	N	N	50	150
IMS293C3	36 37 55	117 47 38	1.00	1.00	5.0	>2.0	200	N	N	N	20	N
IMS294C3	36 37 52	117 47 34	1.50	2.00	7.0	>2.0	700	N	N	N	200	70
IMS295C3	36 37 53	117 47 30	.70	1.00	7.0	>2.0	500	N	N	N	50	100
IMS296C3	36 39 7	117 47 24	1.00	3.00	10.0	>2.0	500	N	N	N	50	50
IMS297C3	36 39 10	117 49 10	.50	2.00	7.0	>2.0	500	N	N	N	20	50

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS253C3	<2	N	N	N	150	10	150	N	<50	20	20
IMS254C3	<2	N	N	N	200	<10	50	N	N	20	20
IMS255C3	<2	N	N	N	150	N	N	N	N	10	30
IMS256C3	N	N	N	10	100	100	100	150	<50	20	700
IMS257C3	N	N	N	20	100	20	100	N	N	20	2,000
IMS258C3	N	N	N	10	N	10	2,000	<10	70	N	100
IMS259C3	N	N	N	10	<20	10	2,000	10	50	N	50
IMS260C3	N	N	N	15	<20	10	2,000	<10	<50	10	50
IMS261C3	N	N	N	20	100	70	300	10	N	15	500
IMS262C3	N	N	N	10	100	<10	1,500	30	70	10	50
IMS263C3	N	N	N	10	N	<10	2,000	15	50	N	70
IMS264C3	N	N	N	10	<20	<10	2,000	20	70	N	20
IMS265C3	N	N	N	10	100	10	500	15	50	10	70
IMS266C3	N	N	N	10	50	<10	1,500	20	50	10	150
IMS267C3	N	N	N	10	N	<10	1,500	20	50	N	50
IMS268C3	N	N	N	10	N	N	1,500	20	70	N	20
IMS269C3	N	N	N	10	N	N	2,000	15	50	N	<20
IMS270C3	N	N	N	10	<20	<10	2,000	20	<50	N	500
IMS271C3	N	N	N	N	N	N	2,000	10	70	N	50
IMS272C3	N	N	N	10	50	N	1,500	30	70	10	20
IMS273C3	N	N	N	N	N	10	1,500	<10	<50	N	100
IMS274C3	N	N	N	N	N	10	1,500	N	N	N	<20
IMS275C3	N	N	N	10	N	20	2,000	15	50	N	50
IMS276C3	N	N	N	10	20	10	1,500	10	50	10	20
IMS277C3	N	N	N	N	<20	<10	1,500	10	70	N	20
IMS278C3	N	N	N	15	N	N	1,500	20	50	N	70
IMS279C3	N	N	N	15	30	15	1,500	20	70	10	70
IMS280C3	<2	N	N	N	N	<10	2,000	<10	<50	N	20
IMS281C3	<2	N	N	10	20	<10	1,500	<10	<50	N	20
IMS282C3	N	N	N	N	N	10	1,000	N	N	N	<20
IMS283C3	N	N	N	10	20	N	1,000	20	<50	N	20
IMS284C3	N	N	N	15	<20	N	1,500	30	70	10	20
IMS285C3	N	N	N	10	N	<10	>2,000	20	70	10	30
IMS286C3	N	N	N	10	N	15	2,000	15	100	10	1,500
IMS287C3	N	N	N	10	N	10	>2,000	15	50	N	20
IMS288C3	N	N	N	10	N	10	>2,000	30	100	N	100
IMS289C3	N	N	N	10	70	10	2,000	15	50	15	<20
IMS290C3	2	N	N	N	100	<10	100	30	<50	20	500
IMS291C3	N	N	N	15	70	15	1,500	20	50	15	20
IMS292C3	<2	N	N	N	150	15	100	N	N	20	50
IMS293C3	N	N	N	30	50	20	200	N	N	15	30
IMS294C3	N	N	N	20	100	20	300	10	<50	20	20
IMS295C3	N	N	N	10	30	<10	700	50	100	10	50
IMS296C3	<2	N	N	N	100	10	500	20	50	20	<20
IMS297C3	<2	N	N	N	100	<10	700	15	50	10	<20

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS253C3	N	--	N	200	100	N	70	N	--	N
IMS254C3	N	--	N	300	150	N	20	N	--	N
IMS255C3	N	--	N	N	100	N	<20	N	--	N
IMS256C3	N	--	N	300	200	N	70	N	--	200
IMS257C3	N	--	N	N	200	100	500	N	--	<200
IMS258C3	N	--	30	200	150	N	500	N	--	2,000
IMS259C3	N	--	30	200	150	N	500	N	--	2,000
IMS260C3	N	--	20	300	70	N	500	N	--	300
IMS261C3	N	--	<20	N	150	<100	300	N	--	1,500
IMS262C3	N	--	50	200	200	N	700	N	--	300
IMS263C3	N	--	70	200	200	N	500	N	--	500
IMS264C3	N	--	50	N	200	N	500	N	--	500
IMS265C3	N	--	30	200	200	N	300	N	--	700
IMS266C3	N	--	50	N	200	N	700	N	--	700
IMS267C3	N	--	50	200	200	N	500	N	--	200
IMS268C3	N	--	50	N	200	N	500	N	--	200
IMS269C3	N	--	70	N	300	N	700	N	--	<200
IMS270C3	N	--	70	N	300	N	500	N	--	500
IMS271C3	N	--	30	200	150	N	700	N	--	1,000
IMS272C3	N	--	50	N	200	N	500	N	--	<200
IMS273C3	N	--	20	500	100	N	500	N	--	200
IMS274C3	N	--	<20	500	70	N	700	N	--	200
IMS275C3	N	--	50	N	300	N	700	N	--	300
IMS276C3	N	--	30	500	150	N	500	N	--	500
IMS277C3	N	--	20	300	100	N	500	N	--	200
IMS278C3	N	--	50	N	200	N	500	N	--	200
IMS279C3	N	--	30	N	200	<100	700	N	--	1,500
IMS280C3	N	--	20	300	100	N	700	N	--	500
IMS281C3	N	--	<20	200	150	N	500	N	--	200
IMS282C3	N	--	N	700	50	N	500	N	--	<200
IMS283C3	N	--	50	N	200	N	300	N	--	500
IMS284C3	N	--	50	N	300	N	500	N	--	300
IMS285C3	N	--	70	200	200	N	1,000	N	--	500
IMS286C3	N	--	50	N	150	N	700	500	--	700
IMS287C3	N	--	50	N	200	N	700	N	--	200
IMS288C3	N	--	50	200	200	100	700	N	--	500
IMS289C3	N	--	30	200	200	N	500	N	--	300
IMS290C3	N	--	N	500	200	N	50	N	--	<200
IMS291C3	N	--	50	200	200	N	500	N	--	200
IMS292C3	N	--	N	300	200	N	50	N	--	N
IMS293C3	N	--	N	N	150	N	200	N	--	N
IMS294C3	N	--	N	200	150	N	200	N	--	300
IMS295C3	N	--	20	200	200	N	500	N	--	500
IMS296C3	N	--	N	200	200	N	200	N	--	N
IMS297C3	N	--	20	200	200	N	200	N	--	N

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Latitude	Longitude	Fe-pct. $	Mg-pct. $	Ca-pct. $	Ti-pct. $	Mn-ppm $	Ag-ppm $	As-ppm $	Au-ppm $	B-ppm $	Ba-ppm $
IMS300C3	36 37 20	117 50 59	3.00	1.00	5.0	2.0	700	N	N	N	70	200
IMS301C3	36 37 27	117 50 10	3.00	3.00	7.0	2.0	200	1.0	N	N	50	10,000
IMS302C3	36 39 27	117 52 27	20.00	1.00	5.0	>2.0	500	5.0	<500	N	100	300
IMS303C	36 39 27	117 52 33	.50	.50	7.0	>2.0	500	7.0	N	N	<20	<50
IMS305	36 41 3	117 53 10	.70	.70	1.0	.5	100	<1.0	N	N	150	50
IMS306	36 40 59	117 53 9	.70	.70	1.5	.5	150	2.0	N	N	100	<50
IMS307	36 39 39	117 54 39	.50	2.00	10.0	1.5	200	N	N	N	100	50
IMS308	36 39 42	117 54 40	1.00	3.00	20.0	1.0	300	N	N	N	100	200
IMS309	36 43 31	117 51 44	.50	5.00	15.0	>2.0	500	N	N	N	50	100
IMS310	36 41 43	117 55 59	.30	.50	10.0	>2.0	500	N	N	N	20	<50
IMS311C	36 41 40	117 55 55	1.00	3.00	15.0	.7	700	<1.0	N	N	70	100
IMS312	36 42 14	117 55 2	.70	.50	20.0	1.5	500	150.0	N	700	20	50
IMS313	36 45 15	117 53 13	1.00	5.00	7.0	>2.0	300	5.0	N	<20	70	1,000
IMS314	36 44 52	117 52 53	.70	5.00	7.0	2.0	200	N	N	N	100	150
IMS315	36 45 36	117 53 40	.50	.70	5.0	>2.0	200	20.0	N	N	300	1,000
IMS316	36 46 25	117 53 46	.50	.50	5.0	>2.0	200	N	N	N	20	3,000
IMS317	36 46 53	117 53 54	.70	2.00	10.0	>2.0	300	N	N	N	100	1,000
IMS318	36 48 2	117 54 44	.50	2.00	15.0	>2.0	200	N	N	N	150	150
IMS319	36 48 5	117 54 47	.50	1.50	10.0	>2.0	200	N	N	N	70	2,000
IMS320	36 43 9	117 56 6	.30	.70	10.0	>2.0	200	15.0	N	100	20	100
IMS321	36 43 54	117 57 23	1.00	2.00	15.0	>2.0	300	N	N	N	500	200
IMS322	36 43 57	117 57 25	.50	.30	10.0	>2.0	200	N	N	N	20	<50
IMS323	36 48 28	117 54 38	.50	1.00	10.0	>2.0	200	<1.0	N	N	50	2,000
IMS324	36 51 58	117 56 15	.30	.70	15.0	>2.0	300	N	N	N	20	150
IMS325	36 52 1	117 56 13	.20	2.00	15.0	>2.0	700	N	N	N	20	100
IMS326	36 50 53	117 56 22	.20	3.00	15.0	>2.0	500	N	N	N	100	<50
IMS327C	36 50 57	117 56 22	.50	3.00	10.0	>2.0	500	<1.0	N	N	100	<50
IMS328	36 50 3	117 55 35	.50	10.00	10.0	2.0	200	N	N	N	500	1,000
IMS329	36 49 34	117 55 20	.50	5.00	7.0	>2.0	200	1.0	N	N	100	1,000
IMS330	36 23 1	117 34 23	.50	2.00	7.0	>2.0	500	7.0	N	N	300	1,000
IMS331	36 23 0	117 34 20	.50	2.00	10.0	>2.0	500	N	N	N	150	<50
IMS332	36 22 28	117 35 25	.50	2.00	7.0	>2.0	200	N	N	N	100	150
IMS333	36 19 38	117 30 52	.20	1.00	10.0	>2.0	500	10.0	700	N	150	500
IMS334	36 19 21	117 30 32	.50	7.00	10.0	.5	500	1.5	N	N	50	200
IMS335	36 19 21	117 30 38	.50	7.00	10.0	1.0	500	1.0	N	N	100	5,000
IMS336	36 22 17	117 35 13	.50	1.00	7.0	>2.0	300	N	N	N	100	100
IMS337C	36 25 34	117 36 15	.50	5.00	10.0	>2.0	200	N	N	N	100	150
IMS338C	36 25 29	117 35 25	.50	3.00	7.0	>2.0	200	N	N	N	30	1,000
IMS339C	36 25 30	117 35 18	.70	1.50	7.0	>2.0	300	N	N	N	150	200
IMS340C	36 25 15	117 36 42	.50	1.50	10.0	>2.0	300	N	N	N	100	50
IMS341C	36 24 56	117 36 35	.20	.20	15.0	1.5	300	N	N	N	50	<50
IMS342C	36 24 16	117 36 1	.15	.20	10.0	1.5	200	N	N	N	20	<50
IMS343C	36 24 8	117 36 3	.20	.30	5.0	>2.0	200	N	N	N	50	<50
IMS344C	36 24 38	117 33 45	.20	1.50	5.0	>2.0	200	N	N	N	100	<50
IMS345C	36 26 12	117 29 52	.30	1.00	5.0	>2.0	200	N	N	N	70	50

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS300C3	<2	N	N	20	50	50	300	15	<50	70	70
IMS301C3	N	N	N	100	70	30	500	10	<50	50	50
IMS302C3	2	N	N	200	100	300	2,000	50	50	300	100
IMS303C	N	N	N	10	N	500	1,500	10	70	N	5,000
IMS305	N	N	N	N	300	<10	50	N	N	20	20
IMS306	<2	N	N	N	100	<10	100	N	N	10	70
IMS307	N	<20	N	N	100	<10	300	N	N	10	20
IMS308	<2	30	N	N	150	<10	100	N	<50	10	500
IMS309	N	N	N	10	20	N	500	20	<50	N	20
IMS310	N	N	N	N	<20	N	1,000	<10	50	N	50
IMS311C	<2	N	N	N	100	10	100	N	<50	15	50
IMS312	N	200	N	20	<20	20	1,000	70	N	N	3,000
IMS313	N	N	N	10	100	<10	500	<10	<50	10	70
IMS314	N	N	N	N	500	N	200	100	<50	10	500
IMS315	N	N	N	50	30	10	300	N	N	10	200
IMS316	N	N	N	50	N	20	500	N	N	N	20
IMS317	N	N	N	N	100	<10	500	N	N	15	30
IMS318	N	N	N	N	150	<10	500	15	<50	10	20
IMS319	N	N	N	N	100	<10	200	20	N	10	200
IMS320	N	100	N	N	<20	<10	700	N	N	N	150
IMS321	N	150	N	10	150	10	700	10	50	20	70
IMS322	N	N	N	N	<20	N	1,000	<10	<50	N	30
IMS323	N	N	N	N	50	<10	500	<10	N	N	300
IMS324	<2	150	N	15	N	<10	1,000	N	50	N	50
IMS325	N	N	N	10	N	10	1,000	N	50	N	30
IMS326	N	N	N	N	50	N	700	<10	50	N	20
IMS327C	N	N	N	N	50	N	1,000	<10	50	N	50
IMS328	N	20	N	N	50	N	100	N	<50	N	100
IMS329	N	N	N	15	150	15	150	50	N	10	1,000
IMS330	N	N	N	N	50	20	700	15	<50	10	2,000
IMS331	N	N	N	N	30	<10	700	<10	<50	N	300
IMS332	N	N	N	10	150	<10	500	N	N	30	500
IMS333	N	500	N	N	20	30	500	N	N	N	10,000
IMS334	N	<20	N	N	<20	10	N	10	N	20	1,000
IMS335	N	N	N	N	50	30	50	200	N	10	7,000
IMS336	<2	N	N	10	30	<10	1,000	10	N	10	1,000
IMS337C	N	30	N	N	30	N	500	<10	<50	20	30
IMS338C	N	20	N	N	50	N	300	10	<50	15	150
IMS339C	N	N	N	10	50	<10	1,000	10	50	10	200
IMS340C	N	N	N	N	20	<10	1,500	<10	N	10	100
IMS341C	N	N	N	N	N	10	2,000	N	N	N	20
IMS342C	N	N	N	N	N	<10	1,000	N	N	N	20
IMS343C	N	N	N	N	<20	N	300	N	N	N	30
IMS344C	N	N	N	N	<20	<10	500	N	N	N	100
IMS345C	N	N	N	N	20	N	500	15	50	N	50

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS300C3	N	--	<20	300	100	N	100	N	--	N
IMS301C3	N	--	<20	500	150	N	100	<500	--	N
IMS302C3	N	--	N	300	200	N	200	500	--	N
IMS303C	N	--	70	N	150	N	700	N	--	500
IMS305	N	--	N	N	300	N	20	N	--	N
IMS306	N	--	N	N	100	N	20	N	--	N
IMS307	N	--	N	200	100	<100	300	N	--	N
IMS308	N	--	N	1,000	200	N	70	N	--	<200
IMS309	N	--	<20	300	100	100	200	N	--	200
IMS310	N	--	20	N	200	N	500	N	--	1,000
IMS311C	N	--	N	200	100	N	70	N	--	N
IMS312	N	--	100	200	200	<100	500	N	--	>5,000
IMS313	N	--	20	300	200	N	300	N	--	200
IMS314	N	--	N	200	1,000	N	150	N	--	N
IMS315	N	--	<20	N	200	N	700	N	--	1,500
IMS316	N	--	20	7,000	100	N	700	N	--	200
IMS317	N	--	20	300	200	N	500	N	--	<200
IMS318	N	--	20	200	200	N	300	N	--	N
IMS319	N	--	20	1,500	200	N	300	N	--	300
IMS320	N	--	<20	200	100	N	500	N	--	200
IMS321	N	--	20	500	200	N	300	N	--	300
IMS322	N	--	30	200	200	N	500	N	--	500
IMS323	N	--	20	700	200	N	500	N	--	200
IMS324	N	--	50	200	150	N	500	N	--	1,000
IMS325	N	--	30	200	100	N	500	N	--	1,500
IMS326	N	--	20	200	150	N	500	N	--	1,000
IMS327C	N	--	50	N	200	N	500	N	--	500
IMS328	N	--	N	N	100	100	100	N	--	N
IMS329	N	--	<20	N	200	<100	300	N	--	1,000
IMS330	N	--	50	N	200	N	500	1,000	--	300
IMS331	N	--	30	N	150	N	700	N	--	700
IMS332	N	--	20	200	100	N	300	N	--	500
IMS333	N	--	30	N	200	100	1,000	2,000	--	500
IMS334	N	--	N	N	70	<100	50	7,000	--	N
IMS335	N	--	N	200	200	N	50	1,000	--	N
IMS336	N	--	30	200	300	100	700	<500	--	1,000
IMS337C	N	--	20	N	150	N	200	N	--	300
IMS338C	N	--	20	N	100	N	200	N	--	200
IMS339C	N	--	30	200	200	N	300	N	--	300
IMS340C	N	--	N	200	150	<100	700	N	--	300
IMS341C	N	--	N	200	50	N	700	N	--	300
IMS342C	N	--	N	N	50	N	500	N	--	<200
IMS343C	N	--	20	N	100	N	700	N	--	500
IMS344C	N	--	20	N	100	N	300	N	--	500
IMS345C	N	--	30	N	150	N	200	N	--	500

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm %	Ag-ppm %	As-ppm %	Au-ppm %	B-ppm %	Ba-ppm %
IMS346C	36 26 42	117 29 33	.50	.70	7.0	>2.0	500	N	N	N	20	<50
IMS347C	36 26 21	117 29 38	.50	.50	5.0	>2.0	200	N	N	N	20	N
IMS348C	36 25 8	117 29 23	.50	1.00	7.0	>2.0	300	N	N	N	150	70
IMS349C	36 24 41	117 29 37	.30	1.00	5.0	>2.0	200	N	N	N	100	<50
IMS350C	36 25 24	117 23 58	.70	10.00	10.0	2.0	200	1.5	500	N	100	<50
IMS351C	36 25 9	117 23 50	.50	7.00	10.0	>2.0	200	N	N	N	70	<50
IMS352C	36 24 53	117 23 35	.50	10.00	10.0	>2.0	200	N	N	N	70	<50
IMS353C	36 24 6	117 21 53	.70	2.00	10.0	>2.0	300	N	N	N	100	<50
IMS354C	36 23 58	117 29 48	1.00	2.00	10.0	>2.0	500	N	N	N	100	<50
IMS355C	36 23 54	117 30 19	.50	2.00	7.0	>2.0	200	N	N	N	100	50
IMS356C	36 23 43	117 30 55	.70	3.00	10.0	>2.0	500	N	N	N	200	50
IMS357C	36 23 36	117 31 13	2.00	5.00	10.0	.5	200	N	N	N	100	70
IMS358C	36 23 29	117 31 25	1.50	5.00	15.0	1.0	200	N	N	N	100	100
IMS359C	36 23 35	117 31 59	1.00	3.00	15.0	1.0	500	N	N	N	500	50
IMS360C	36 23 46	117 31 53	1.00	2.00	15.0	1.0	200	<1.0	N	N	500	150
IMS361C	36 30 7	117 32 35	.30	.10	5.0	>2.0	200	N	N	N	20	<50
IMS362C	36 34 5	117 33 40	.50	.10	10.0	>2.0	300	N	N	N	20	N
IMS363C	36 34 20	117 33 38	.50	.20	15.0	>2.0	500	N	N	N	100	<50
IMS364C	36 36 12	117 33 43	.15	1.00	20.0	1.5	300	N	N	N	30	50
IMS365C	36 36 15	117 33 52	.70	5.00	10.0	1.0	500	N	N	N	100	N
IMS366C	36 36 37	117 40 44	.50	.70	5.0	>2.0	500	N	N	N	20	50
IMS367C	36 40 44	117 50 8	.50	2.00	10.0	1.0	150	N	N	N	70	300
IMS368C	36 41 5	117 50 25	.70	3.00	10.0	1.0	200	N	N	N	50	150
IMS369C	36 41 9	117 50 21	.70	5.00	10.0	2.0	300	N	N	N	70	100
IMS383C	36 30 52	117 53 0	20.00	15.00	50.0	>2.0	1,500	1.0	N	N	150	>10,000
IMS385C	36 32 46	117 54 6	15.00	1.00	10.0	>2.0	2,000	300.0	N	>1,000	70	1,000
IMS386C	36 32 35	117 54 3	1.00	5.00	15.0	.7	200	100.0	N	N	100	200
IMS387C	36 38 13	117 59 8	10.00	1.00	10.0	>2.0	1,000	500.0	7,000	N	100	10,000
IMS388C	36 38 6	117 58 46	10.00	.50	5.0	2.0	1,500	2,000.0	2,000	N	20	5,000
IMS391C	36 39 55	117 59 57	10.00	5.00	30.0	.5	700	7.0	N	N	150	3,000
IMS400	36 30 42	117 50 37	15.00	2.00	15.0	>2.0	2,000	700.0	500	50	500	>10,000
IMS408	36 20 52	117 38 31	10.00	5.00	20.0	>2.0	1,500	20.0	N	N	100	500
IMS409	36 22 32	117 37 41	1.50	1.00	10.0	>2.0	1,000	N	N	N	500	300
IMS410	36 24 18	117 40 25	1.50	.70	7.0	>2.0	700	N	N	N	150	700
IMS412	36 25 21	117 42 31	1.50	.70	5.0	>2.0	200	N	N	N	20	500
IMS413	36 25 39	117 42 15	3.00	3.00	10.0	>2.0	1,000	5.0	N	N	20	150
IMS414	36 22 41	117 40 33	1.00	.50	5.0	>2.0	200	N	N	N	70	700
IMS415	36 22 28	117 40 23	1.50	.50	10.0	>2.0	500	N	N	N	20	200
IMS416	36 22 26	117 40 25	2.00	.70	7.0	>2.0	500	N	N	N	100	1,000
IMS417	36 21 46	117 41 57	1.00	3.00	10.0	>2.0	500	N	N	N	50	700
IMS440	36 19 48	117 30 45	3.00	10.00	20.0	>2.0	1,000	N	N	N	5,000	200
IMS443	36 18 3	117 30 32	.70	5.00	10.0	1.5	500	10.0	N	N	20	1,500
IMS476	36 22 19	117 44 32	.70	.50	5.0	2.0	200	N	N	N	100	700
IMS477	36 17 32	117 41 40	2.00	7.00	7.0	>2.0	700	N	N	N	50	500
IMS478	36 17 59	117 40 52	5.00	2.00	15.0	>2.0	1,500	10.0	N	N	50	200

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS346C	N	N	N	10	20	N	1,000	15	50	N	20
IMS347C	N	N	N	N	<20	N	1,000	20	100	N	20
IMS348C	N	N	N	10	20	N	1,000	15	50	N	20
IMS349C	<2	N	N	N	30	N	500	<10	70	N	50
IMS350C	<2	N	N	N	70	50	200	150	<50	10	20,000
IMS351C	N	N	N	N	70	15	300	<10	<50	10	500
IMS352C	N	N	N	N	70	20	300	<10	<50	10	300
IMS353C	N	N	N	10	50	10	700	10	<50	N	100
IMS354C	N	N	N	10	70	10	1,000	15	50	15	100
IMS355C	N	N	N	N	30	<10	700	<10	<50	N	50
IMS356C	N	N	N	N	70	<10	700	<10	<50	10	100
IMS357C	<2	N	N	10	200	10	50	N	N	30	20
IMS358C	<2	N	N	N	200	15	100	N	N	20	30
IMS359C	<2	N	N	N	100	<10	200	N	N	15	50
IMS360C	<2	N	N	N	100	50	100	<10	<50	15	2,000
IMS361C	N	N	N	10	N	<10	500	10	<50	N	30
IMS362C	N	N	N	10	N	<10	1,500	20	70	N	50
IMS363C	N	N	N	10	N	15	2,000	10	<50	N	20
IMS364C	N	N	N	N	N	<10	2,000	N	N	N	30
IMS365C	<2	N	N	N	<20	N	200	N	N	N	20
IMS366C	N	N	N	N	N	<10	1,000	30	50	N	70
IMS367C	<2	N	N	N	70	N	50	N	N	15	N
IMS368C	<2	N	N	N	100	<10	100	N	<50	20	N
IMS369C	<2	N	N	N	50	N	200	<10	50	15	70
IMS383C	N	N	N	20	300	100	500	50	150	100	500
IMS385C	N	N	N	20	200	200	500	150	150	100	1,500
IMS386C	N	N	N	N	200	20	N	N	N	100	50,000
IMS387C	N	500	150	100	50	500	500	500	70	100	>50,000
IMS388C	N	500	70	100	20	500	100	50	<50	100	>50,000
IMS391C	N	N	N	15	150	20	100	N	N	100	700
IMS400	2	300	N	20	300	1,000	1,000	150	200	100	>50,000
IMS408	<2	20	N	30	700	300	1,000	300	200	200	20,000
IMS409	N	N	N	N	150	N	1,000	50	300	20	100
IMS410	5	N	N	N	100	N	500	N	50	20	150
IMS412	7	N	N	N	200	N	200	N	<50	50	100
IMS413	N	N	N	15	1,000	150	700	30	150	150	3,000
IMS414	2	N	N	N	100	N	200	N	70	20	50
IMS415	N	N	N	N	100	N	1,000	70	200	30	70
IMS416	N	N	N	N	150	N	700	N	150	50	50
IMS417	<2	N	N	N	200	N	500	N	100	50	100
IMS440	<2	20	N	N	500	15	500	10	150	100	100
IMS443	<2	N	N	N	30	10	200	500	100	10	15,000
IMS476	2	N	N	N	20	<10	100	N	50	10	20
IMS477	<2	N	N	10	200	<10	500	N	100	50	20
IMS478	<2	N	N	30	300	<10	1,000	N	200	150	500

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	Th-ppm
	S	S	S	S	S	S	S	S	S	S
IMS346C	N	--	70	N	200	N	500	N	--	700
IMS347C	N	--	30	N	200	N	300	N	--	700
IMS348C	N	--	30	200	150	N	500	N	--	700
IMS349C	N	--	30	N	70	N	200	N	--	200
IMS350C	N	--	N	200	500	N	150	3,000	--	200
IMS351C	N	--	20	200	100	N	200	N	--	<200
IMS352C	N	--	30	200	150	N	200	N	--	<200
IMS353C	N	--	30	200	200	N	500	N	--	300
IMS354C	N	--	50	200	200	N	500	N	--	300
IMS355C	N	--	20	200	150	N	300	N	--	300
IMS356C	N	--	30	300	150	N	300	500	--	200
IMS357C	N	--	N	500	300	N	30	N	--	N
IMS358C	N	--	N	700	200	N	100	N	--	N
IMS359C	N	--	N	500	100	N	150	N	--	N
IMS360C	N	--	<20	500	500	N	100	<500	--	N
IMS361C	N	--	50	N	200	N	500	N	--	700
IMS362C	N	--	50	200	100	N	700	N	--	500
IMS363C	N	--	30	300	100	N	700	N	--	<200
IMS364C	N	--	N	500	30	N	700	N	--	300
IMS365C	N	--	N	N	50	N	100	N	--	<200
IMS366C	N	--	50	200	100	N	300	N	--	500
IMS367C	N	--	N	300	70	N	70	N	--	N
IMS368C	N	--	N	500	100	N	100	N	--	N
IMS369C	N	--	N	200	150	N	150	N	--	N
IMS383C	N	--	N	500	300	N	300	N	>2,000	N
IMS385C	N	--	N	200	1,000	1,000	700	<500	>2,000	2,000
IMS386C	N	--	100	2,000	300	N	50	500	>2,000	N
IMS387C	2,000	--	>2,000	500	700	5,000	1,500	1,000	>2,000	1,000
IMS388C	1,500	--	2,000	N	200	500	300	2,000	>2,000	N
IMS391C	N	--	N	N	200	N	100	N	2,000	N
IMS400	1,000	--	200	1,000	500	2,000	500	20,000	>2,000	200
IMS408	N	--	100	N	700	N	1,500	N	>2,000	500
IMS409	N	--	50	200	500	N	500	N	>2,000	700
IMS410	N	--	N	500	200	N	500	N	>2,000	700
IMS412	N	--	N	200	200	N	150	N	>2,000	N
IMS413	N	--	70	N	300	N	700	N	>2,000	1,000
IMS414	N	--	N	500	100	N	200	N	>2,000	N
IMS415	N	--	50	N	500	N	700	N	>2,000	1,000
IMS416	N	--	N	200	300	N	500	N	>2,000	N
IMS417	N	--	N	200	200	N	150	N	>2,000	N
IMS440	N	--	N	500	700	N	300	N	>2,000	N
IMS443	N	--	N	N	100	N	100	N	>2,000	N
IMS476	N	--	N	500	200	1,000	50	N	>2,000	N
IMS477	N	--	N	500	200	N	200	N	>2,000	300
IMS478	N	--	100	N	500	N	700	N	>2,000	2,000

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm %	Ag-ppm %	As-ppm %	Au-ppm %	B-ppm %	Ba-ppm %
IMS479	36 15 57	117 40 2	3.00	.30	10.0	>2.0	700	N	N	N	50	200
IMS480	36 15 10	117 37 44	1.50	.50	7.0	>2.0	1,000	N	N	N	20	500
IMS481	36 16 11	117 33 54	5.00	7.00	30.0	1.5	1,500	1.0	N	N	2,000	10,000
IMS482	36 17 12	117 34 18	5.00	3.00	20.0	2.0	1,500	20.0	N	N	700	10,000
IMS483	36 18 6	117 34 32	7.00	7.00	30.0	>2.0	1,000	500.0	<500	N	2,000	>10,000
IMS484	36 18 57	117 33 1	3.00	2.00	20.0	1.5	1,000	7.0	N	N	500	500
IMS485	36 20 15	117 35 0	1.00	.10	7.0	>2.0	150	N	N	N	20	200
IMS486	36 20 17	117 35 2	2.00	.20	15.0	>2.0	1,500	N	N	N	20	200
IMS487	36 28 13	117 34 39	5.00	7.00	20.0	>2.0	2,000	N	N	N	100	300
IMS489	36 28 16	117 43 32	5.00	2.00	20.0	>2.0	1,000	N	N	N	150	>10,000
IMS490	36 28 16	117 43 17	3.00	1.00	15.0	>2.0	500	N	N	N	20	100
IMS491	36 27 35	117 41 40	1.50	1.00	15.0	>2.0	500	N	N	N	50	200
IMS492	36 27 32	117 41 37	10.00	3.00	15.0	>2.0	1,000	N	N	N	500	700
IMS493	36 25 59	117 41 31	2.00	2.00	20.0	>2.0	1,000	50.0	15,000	N	100	500
IMS494	36 24 36	117 41 37	1.50	1.00	15.0	>2.0	500	N	N	N	50	100
IMS495	36 23 25	117 41 41	2.00	2.00	10.0	>2.0	1,000	N	N	N	50	150
IMS496	36 30 50	117 35 47	2.00	.70	7.0	>2.0	500	N	N	N	50	300
IMS498	36 31 1	117 37 23	1.50	.50	15.0	>2.0	500	N	N	N	20	50
IMS499	36 30 31	117 40 8	3.00	2.00	15.0	>2.0	700	N	N	N	100	700
IMS543C	36 32 28	117 52 13	50.00	1.00	7.0	>2.0	2,000	2.0	N	N	150	>10,000
IMS544C	36 32 32	117 52 9	10.00	.50	10.0	1.5	500	20.0	<500	N	50	>10,000
IMS545C	36 32 22	117 52 4	10.00	.70	7.0	1.0	500	1.0	N	N	100	7,000
IMS546C	36 33 6	117 51 16	.50	<.05	2.0	.5	20	70.0	N	N	20	>10,000
IMS547C	36 33 5	117 51 10	1.50	.15	5.0	2.0	300	N	N	N	50	>10,000
IMS548C	36 31 46	117 51 49	1.50	.30	7.0	>2.0	500	5.0	N	N	100	>10,000
IMS549C	36 33 37	117 54 45	1.00	.50	7.0	1.5	200	N	N	N	20	10,000
IMS550C	36 33 49	117 56 8	3.00	7.00	20.0	.7	500	<1.0	N	N	300	2,000
IMS551C	36 34 40	117 56 31	1.50	15.00	20.0	.7	500	N	N	N	100	1,000
IMS553C	36 36 5	117 58 9	1.50	10.00	30.0	.5	700	<1.0	N	N	70	700
IMS554C	36 39 9	117 59 22	1.00	.30	10.0	>2.0	500	10.0	N	300	50	10,000
IMS596	36 59 22	117 56 13	5.00	1.00	10.0	2.0	1,500	N	N	N	100	500
IMS597	36 59 59	117 56 29	7.00	3.00	30.0	>2.0	2,000	N	N	N	50	1,000
IMS598	36 58 31	117 56 8	5.00	.70	10.0	2.0	1,000	N	N	N	70	500
IMS599	36 58 32	117 57 40	3.00	.50	15.0	1.5	200	N	N	N	50	N
IMS600	36 30 24	117 40 10	3.00	2.00	15.0	>2.0	1,000	N	N	N	50	500
IMS601	36 35 31	117 39 23	2.00	5.00	20.0	>2.0	1,000	N	N	N	300	150
IMS602	36 38 35	117 36 34	2.00	7.00	20.0	>2.0	1,500	N	N	N	100	3,000
IMS603	36 39 18	117 36 49	1.50	2.00	10.0	>2.0	1,000	N	N	N	50	300
IMS609	36 20 10	117 28 47	1.50	1.50	20.0	>2.0	700	N	N	N	200	1,500
IMS609Z	36 19 42	117 28 28	2.00	5.00	15.0	>2.0	700	N	N	N	100	200
IMS610	36 19 18	117 27 33	3.00	10.00	30.0	1.0	300	1.0	N	N	100	300
IMS611	36 18 5	117 26 24	1.00	5.00	7.0	>2.0	200	N	N	N	70	100
IMS612	36 16 40	117 28 15	1.00	7.00	10.0	1.5	300	N	N	N	50	200
IMS613	36 16 37	117 28 11	1.50	7.00	15.0	2.0	500	3.0	N	N	700	300
IMS614	36 15 40	117 25 44	3.00	10.00	20.0	2.0	700	1.0	<500	N	500	200

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS479	N	N	N	10	20	N	1,000	50	200	20	70
IMS480	<2	N	N	N	20	N	700	N	500	50	200
IMS481	<2	200	N	N	700	70	200	10	50	100	1,000
IMS482	2	N	N	10	200	500	50	150	<50	100	5,000
IMS483	2	N	150	10	300	70	500	200	100	100	>50,000
IMS484	<2	N	N	N	100	50	50	N	<50	20	5,000
IMS485	N	N	N	N	N	N	300	N	100	50	200
IMS486	<2	N	N	15	30	N	1,500	100	1,000	10	150
IMS487	N	N	N	30	1,000	<10	1,000	20	<50	200	200
IMS489	N	N	N	10	700	30	1,000	50	150	100	500
IMS490	N	N	N	10	300	N	500	70	200	100	300
IMS491	N	N	N	N	200	N	500	N	100	10	70
IMS492	N	N	N	20	1,000	N	700	N	100	200	500
IMS493	N	N	N	N	500	200	2,000	100	70	100	>50,000
IMS494	N	N	N	N	200	<10	700	N	100	100	300
IMS495	N	N	N	10	300	<10	500	50	200	100	200
IMS496	N	N	N	N	20	N	1,000	20	70	30	50
IMS498	N	N	N	N	70	N	1,000	30	200	N	20
IMS499	N	N	N	10	200	<10	700	N	<50	100	20
IMS543C	<2	70	N	50	1,000	500	1,000	200	50	100	5,000
IMS544C	N	N	N	10	50	50	200	N	70	20	5,000
IMS545C	N	N	N	10	50	10	N	N	N	20	200
IMS546C	N	N	N	N	N	200	N	150	N	50	20,000
IMS547C	N	N	N	N	20	10	300	500	100	N	500
IMS548C	<2	N	N	N	N	200	300	N	150	50	1,000
IMS549C	N	N	N	N	100	100	50	20	50	N	700
IMS550C	3	N	N	N	700	15	50	N	N	100	200
IMS551C	2	N	N	N	200	<10	50	N	N	30	100
IMS553C	<2	N	N	N	50	10	N	N	<50	70	200
IMS554C	N	N	N	N	<20	70	500	500	N	20	1,500
IMS596	2	N	N	20	100	<10	1,000	150	150	10	2,000
IMS597	5	20	N	15	100	<10	500	200	50	15	500
IMS598	2	N	N	15	50	10	200	N	100	10	100
IMS599	<2	20	N	15	100	20	100	200	70	10	70
IMS600	N	N	N	10	200	N	1,000	20	150	50	150
IMS601	<2	N	N	N	300	20	700	50	150	20	20
IMS602	N	150	N	15	100	20	1,000	N	100	70	500
IMS603	N	N	N	N	30	10	700	N	150	70	N
IMS609	N	N	N	N	200	<10	700	N	50	100	150
IMS609Z	<2	N	N	N	200	10	500	500	70	100	1,500
IMS610	N	N	N	N	500	10	50	N	<50	70	70
IMS611	<2	N	N	N	200	N	200	N	150	10	N
IMS612	N	N	N	N	100	N	100	N	<50	20	N
IMS613	N	100	N	N	100	20	500	N	100	50	1,000
IMS614	2	N	N	N	200	70	300	N	100	70	1,000

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS479	N	--	30	N	300	<100	300	N	>2,000	1,000
IMS480	N	--	50	N	300	<100	700	N	>2,000	200
IMS481	N	--	N	700	700	5,000	200	500	700	N
IMS482	N	--	N	500	500	<100	100	500	2,000	N
IMS483	N	--	N	1,000	500	N	200	2,000	>2,000	N
IMS484	N	--	N	1,000	2,000	N	100	N	>2,000	N
IMS485	N	--	N	200	200	N	100	N	>2,000	1,000
IMS486	N	--	100	N	500	N	500	N	>2,000	N
IMS487	N	--	100	N	500	N	1,000	N	>2,000	1,500
IMS489	N	--	70	1,500	500	N	500	N	>2,000	500
IMS490	N	--	50	N	200	N	500	N	>2,000	700
IMS491	N	--	N	N	200	N	500	N	>2,000	1,500
IMS492	N	--	N	500	300	N	700	N	>2,000	1,000
IMS493	N	--	70	N	1,000	<100	1,000	700	>2,000	1,000
IMS494	N	--	50	N	200	N	700	N	>2,000	700
IMS495	N	--	50	N	300	N	500	N	>2,000	500
IMS496	N	--	N	200	300	N	200	N	>2,000	1,000
IMS498	N	--	70	N	300	N	300	N	2,000	200
IMS499	N	--	N	200	200	N	500	N	>2,000	1,000
IMS543C	N	--	70	200	3,000	N	700	700	>2,000	500
IMS544C	N	--	N	3,000	300	N	100	N	>2,000	N
IMS545C	N	--	N	700	200	N	20	N	2,000	N
IMS546C	N	--	N	5,000	70	N	20	N	>2,000	N
IMS547C	N	--	N	>10,000	100	<100	150	N	>2,000	N
IMS548C	N	--	N	3,000	500	N	200	N	>2,000	N
IMS549C	N	--	N	500	200	N	100	N	>2,000	N
IMS550C	N	--	N	1,000	300	N	20	N	500	N
IMS551C	N	--	N	N	150	N	20	N	700	N
IMS553C	N	--	N	N	100	3,000	20	500	500	N
IMS554C	N	--	N	N	500	N	1,000	N	>2,000	N
IMS596	N	--	N	500	200	2,000	200	N	>2,000	1,500
IMS597	N	--	N	300	200	100	700	N	>2,000	N
IMS598	N	--	N	300	150	1,000	150	N	>2,000	N
IMS599	N	--	N	200	100	1,500	200	N	1,000	N
IMS600	N	--	50	300	500	N	700	N	>2,000	700
IMS601	N	--	N	200	300	N	300	N	>2,000	500
IMS602	N	--	N	N	700	N	700	N	>2,000	2,000
IMS603	N	--	N	200	500	N	300	N	>2,000	500
IMS609	N	--	N	300	500	N	500	N	>2,000	N
IMS609Z	N	--	N	N	500	N	300	N	>2,000	N
IMS610	N	--	N	200	200	N	100	N	700	N
IMS611	N	--	N	200	500	N	150	N	>2,000	N
IMS612	N	--	N	N	100	N	100	<500	2,000	N
IMS613	N	--	N	N	300	N	200	1,000	2,000	N
IMS614	N	--	N	N	700	N	300	N	2,000	N

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS700	36 58 39	117 57 42	10.00	2.00	20.0	2.0	1,500	N	N	N	700	1,000
IMS701	36 57 32	117 56 17	5.00	3.00	15.0	>2.0	1,000	<1.0	N	N	100	70
IMS702	36 55 13	117 57 43	5.00	2.00	20.0	>2.0	700	200.0	N	N	200	N
IMS705	36 54 16	117 57 4	15.00	7.00	15.0	>2.0	2,000	N	N	N	200	300
IMS706	36 52 25	117 58 28	2.00	3.00	15.0	>2.0	1,000	N	N	N	30	1,000
IMS707	36 52 22	117 58 27	3.00	1.00	10.0	>2.0	1,500	N	N	N	30	300

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS700	50	<20	N	20	200	30	200	100	100	20	300
IMS701	5	N	N	10	200	150	100	150	150	N	200
IMS702	<2	>2,000	N	70	200	50	100	5,000	500	20	>50,000
IMS705	2	20	N	50	150	200	1,000	150	300	100	2,000
IMS706	2	N	N	50	<20	20	700	10	150	N	200
IMS707	<2	N	N	10	20	N	1,000	N	500	N	30

Table 3.-- Spectrographic results from the analysis of panned concentrate samples from the Inyo Mountains, Hunter Mountains, Panamint, and Wildrose Wilderness Study Areas, Inyo County, California.--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
IMS700	N	--	N	200	200	>20,000	500	N	>2,000	500
IMS701	N	--	70	N	200	10,000	150	700	>2,000	N
IMS702	N	--	200	N	150	5,000	500	N	>2,000	N
IMS705	N	--	100	N	500	2,000	500	N	>2,000	200
IMS706	N	--	N	500	150	N	500	N	>2,000	1,500
IMS707	N	--	100	200	300	N	700	N	>2,000	500