

UNITED STATES DEPARTMENT OF THE INTERIOR
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GEOCHEMICAL ANALYSES OF ROCK AND SOIL SAMPLES,
EUREKA MINING DISTRICT AND VICINITY,
EUREKA AND WHITE PINE COUNTIES, NEVADA

by

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CONTENTS

	Page
Introduction -----	1
Sample collection and preparation -----	1
Rock samples -----	1
Soil samples -----	2
Geochemical analysis -----	2
Acknowledgments -----	3
Description of Table 1 -----	4
Description of Table 2 -----	6
References Cited -----	8

ILLUSTRATION

Plate 1 -----	In pocket
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TABLES

Table 1 -----	9-34
Table 2 -----	35-94

INTRODUCTION

A geochemical sampling program was conducted in the Eureka mining district and vicinity, Eureka and White Pine Counties, Nevada, during the years 1970 to 1972. This program was undertaken in order to determine the geochemical dispersion patterns present in an area of complex mineral deposits. This report includes a map showing the location of sites sampled in this program (pl. 1) and a tabulation of chemical analyses for rock and soil samples collected at each sample site (tables 1 and 2). This report supersedes an earlier open-file report (Chaffee, 1972) that only included analyses of samples from N0001 to N0600.

SAMPLE COLLECTION AND PREPARATION

At most sites numbered on plate 1, a rock-soil pair of samples were collected. These sites are indicated by two or more consecutive numbers. In a few areas only a soil sample or a rock sample was collected; for these sites only a single number is given.

Rock Samples

All rock samples were collected from outcrops. Each sample was hand cobbled to remove any obvious surface weathering effects. All samples were then pulverized before analysis.

Soil Samples

Soil samples were collected wherever possible below any obvious A-horizon organic layer. For rock-soil pairs, the soil was collected as near as possible to the site of the corresponding rock sample. Soil samples were sieved using stainless steel screens in aluminum frames. For each soil sample a coarse fraction (1-2 mm) and a fine fraction (<0.63 mm) were saved for analysis. The coarse fraction was pulverized before analysis; the fine fraction was submitted to the analysts without further treatment.

GEOCHEMICAL ANALYSIS

The elements iron, magnesium, calcium, titanium, manganese, boron, barium, beryllium, bismuth, cadmium, cobalt, chromium, copper, lanthanum, molybdenum, niobium, nickel, scandium, tin, strontium, vanadium, tungsten, yttrium and zirconium were determined in both the rock and soil samples using a six-step semiquantitative spectrographic method of analysis (Grimes and Marranzino, 1968). Bismuth, cadmium, and tungsten are not listed in the tabulation of the rock geochemical analyses (table 1) because each of these elements contained five or less reported values in the entire data set.

Gold, mercury, lead, zinc, and silver were determined by atomic absorption spectrophotometric methods (Ward and others, 1969). Arsenic and antimony were determined by colorimetric methods (Ward, Lakin, Canney, and others, 1963). Analysis was done partly in the field and partly in U.S. Geological Survey laboratories in Denver.

Because of the computer program used to produce tables 1 and 2, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Be, Au, Hg, and Ag) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the nonsignificant digits.

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DESCRIPTION OF TABLE 1.--Rock geochemical analyses

Col. 1	sample Sample numbers corresponding to numbers shown on plate 1.
Cols. 2 - 3	X-Coord. and Y-Coord. The X value is an E-W distance and the Y value, a N-S distance. These are distances in feet using the 10,000-foot grid based on the Nevada coordinate system, east zone, as given on the base maps for plate 1. Multiply values given in the table by 10 to get actual map coordinates.
Cols. 4 - 24	S-(element symbol) Spectrographic determinations. All values are given in parts per million (ppm) unless a "%" sign is present.
Col. 25	AA-Au Atomic absorption determinations. Gold values in ppm.
Col. 26	Inst-HG Flameless atomic absorption determinations. Mercury values in ppm.
Cols. 27 - 28	AA-(element symbol) Atomic absorption determinations. Values, in ppm, for lead, zinc, and silver, respectively.
Cols. 30 - 31	CM-(element symbol) Colorimetric determinations. Values, in ppm, for arsenic and antimony, respectively.

DESCRIPTION OF TABLE 1.--Rock geochemical analyses (cont'd)

If a given element was looked for but not detected in a sample, then the letter "N" is entered in place of an analytical value. The lower limit of detection for each element listing one or more "N"s is as follows:

<u>Element</u>	<u>Lower limit of detection (in ppm except Ti, in percent)</u>
Ti	0.002
B	10
Ba	20
Be	1
Co	5
Cr	10
Cu	5
La	20
Mo	5
Nb	20
Ni	5
Sc	5
Sn	10
Sr	100
V	10
Y	10
Zr	10
Au	.04
Hg	.02
Pb	5
Ag	.5
As	10
Sb	1

DESCRIPTION OF TABLE 2.--Fine- and coarse-soil geochemical analyses

Col. 1	sample
	Sample numbers, for fine- and coarse-soil pairs, corresponding to numbers shown on plate 1.
Cols. 2 - 3	X-Coord. and Y-Coord.
	The X value is an E-W distance and the Y value, a N-S distance. These are distances in feet using the 10,000-foot grid based on the Nevada coordinate system, east zone, as given on the base maps for plate 1. Multiply values given in the table by 10 to get actual map coordinates.
Cols. 4 - 27	S-(element symbol)
	Spectrographic determinations. All values are given in parts per million (ppm) unless a "%" sign is present.
Col. 28	AA-Au
	Atomic absorption determinations. Gold values in ppm.
Col. 29	Inst-HG
	Flameless atomic absorption determinations. Mercury values in ppm.
Cols. 30 - 32	AA-(element symbol)
	Atomic absorption determinations. Values, in ppm, for lead, zinc, and silver, respectively.
Cols. 33 - 34	CM-(element symbol)
	Colorimetric determinations. Values, in ppm, for arsenic and antimony, respectively.

Leaders (--) indicate that no analysis was made for that particular sample and element.

DESCRIPTION OF TABLE 2.--Fine- and coarse-soil geochemical analyses (cont'd)

The lower limit of detection for each of the elements listing an "N" follows. Please note that for niobium, gold, and silver, two lower limits of detection were used. The ranges of sample numbers for each lower limit are given below.

<u>Element</u>	<u>Lower limit of detection (in ppm)</u>	<u>Range of sample numbers using this limit</u>
B	10	N0002 - N4149
Ba	20	N0002 - N4149
Be	1	N0002 - N4149
Bi	10	N0002 - N4149
Cd	20	N0002 - N4149
Co	5	N0002 - N4149
Cr	10	N0002 - N4149
La	20	N0002 - N4149
Mo	5	N0002 - N4149
Nb	10	N0002 - N0600
Nb	20	N0602 - N4149
Ni	5	N0002 - N4149
Sc	5	N0002 - N4149
Sn	10	N0002 - N4149
Sr	100	N0002 - N4149
V	10	N0002 - N4149
W	50	N0002 - N4149
Y	10	N0002 - N4149
Zr	10	N0002 - N4149
Au	.04	N0002 - N0600
Au	.10	N0602 - N4149
Hg	.02	N0002 - N4149
Ag	.2	N0002 - N0600
Ag	.5	N0602 - N4149
As	10	N0002 - N4149
Sb	1	N0002 - N4149

REFERENCES CITED

- Chaffee, M. A., 1972, The distribution of selected trace elements in soils, Eureka mining district and Pinto Summit quadrangle, Nevada: U.S. Geol. Survey Open-file report, 17 p., 2 pls.
- 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. Geol. Survey Circ. 591, 6 p.
- Ward, F. N., Nakagawa, H. M., Harms, T. F., and VanSickle, G. H., 1969, Atomic-absorption methods of analysis useful in geochemical exploration: U.S. Geol. Survey Bull. 1289, 45 p.
- Ward, F. N., Lakin, H. W., Canney, F. C., and others, 1963, Analytical methods used in geochemical exploration by the U.S. Geological Survey: U.S. Geol. Survey Bull. 1152, 100 p.

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N0001	38,864	173,300	.03	.05	1.00	.020	30	N	50	N	N	V	5	V
N0007	38,855	173,298	.05	.02	.10	.010	100	N	20	N	N	V	<5	V
N0016	38,942	173,235	1.50	.20	1.00	.150	200	N	300	3.0	N	N	10	V
N0018	38,954	173,238	1.50	.50	.50	.100	200	N	300	3.0	N	N	7	50
N0026	38,402	172,854	.20	.05	<.05	.050	300	<10	150	N	N	N	5	N
N0032	38,392	172,846	5.00	.02	<.05	.030	100	10	30	N	7	V	20	V
N0038	38,485	172,752	.30	10.00	20.00	.005	500	N	N	N	N	V	15	V
N0046	38,487	172,771	.50	10.00	20.00	.015	300	N	N	N	N	N	7	N
N0048	38,498	172,807	1.50	>10.00	20.00	.007	1,000	N	N	N	N	V	50	V
N0050	38,497	172,820	5.00	1.50	5.00	.500	1,000	<10	1,300	2.0	5	70	70	70
N0057	38,493	172,839	5.00	1.00	2.00	.300	500	<10	700	3.0	5	50	10	50
N0059	38,489	172,851	5.00	.50	.07	.300	150	70	500	2.0	N	30	<5	20
N0062	38,487	172,872	20.00	7.00	10.00	.015	2,000	N	N	N	50	20	1,000	V
N0066	38,451	172,991	.30	>10.00	20.00	.007	700	N	N	N	N	N	15	V
N0072	38,482	172,966	.10	2.00	>20.00	.015	150	N	150	N	N	V	<5	V
N0088	38,545	172,838	5.00	.15	.05	1.000	70	20	300	N	5	50	100	V
N0090	38,606	172,740	5.00	.10	.05	.300	20	10	200	<1.0	N	50	100	V
N0092	38,422	172,616	.07	5.00	20.00	.010	100	N	N	N	N	V	<5	V
N0100	38,398	172,639	10.00	2.00	15.00	.500	2,000	N	500	2.0	20	150	10	70
N0108	38,388	172,645	10.00	3.00	15.00	.500	2,000	10	100	1.5	20	200	10	70
N0110	38,324	172,665	.10	3.00	20.00	.015	100	N	20	N	N	N	<5	V
N0118	38,316	172,650	.50	2.00	>20.00	.030	150	N	20	N	N	V	5	V
N0120	38,272	172,642	1.00	.10	.05	.050	20	10	300	N	N	V	7	V
N0122	38,190	172,247	3.00	.30	20.00	.300	2,000	30	300	N	N	50	10	30
N0124	38,192	172,226	3.00	.50	10.00	.500	1,500	100	500	2.0	N	50	15	20
N0126	38,240	172,200	.30	7.00	15.00	.005	500	N	N	N	N	V	5	V
N0128	38,457	172,254	.10	.70	>20.00	.020	20	N	N	N	N	N	<5	N
N0130	38,464	172,248	.10	.70	20.00	.007	150	N	N	N	N	V	N	N
N0132	38,524	172,208	.30	.30	20.00	.020	30	N	20	N	N	V	7	V
N0134	38,536	172,189	.07	.30	>20.00	.015	30	N	20	N	N	N	<5	V
N0136	38,532	172,275	5.00	2.00	10.00	.500	1,000	30	1,000	2.0	15	100	10	50
N0138	38,523	172,289	5.00	2.00	7.00	.300	700	30	200	2.0	20	100	15	50
N0140	38,565	172,290	.20	3.00	>20.00	.015	1,000	N	<20	N	N	V	<5	V
N0142	38,626	172,316	15.00	.15	.10	.500	150	50	200	3.0	N	30	30	N
N0144	38,866	172,922	.30	.20	20.00	.015	1,500	N	N	N	N	V	5	N
N0147	38,910	172,901	.20	.30	20.00	.030	200	N	<20	N	N	N	7	V
N0149	39,036	172,705	.20	.50	20.00	.020	1,000	10	N	N	N	N	<5	V
N0151	39,053	172,705	.50	.30	20.00	.050	300	N	20	N	N	V	<5	V
N0153	39,036	172,440	.10	.02	<.05	.020	20	20	50	N	N	N	<5	V
N0155	39,056	172,431	.10	.02	<.05	.020	50	N	20	N	N	V	5	V
N0157	38,866	172,267	.20	.50	>20.00	.030	100	10	N	N	N	V	<5	V
N0159	38,867	172,256	.20	.20	20.00	.020	200	N	N	N	N	V	N	V
N0161	38,822	172,302	.50	.30	>20.00	.030	150	N	N	N	N	V	<5	V
N0169	38,810	172,300	.50	.20	20.00	.030	100	10	20	N	N	N	15	V
N0179	38,753	172,276	.20	10.00	20.00	.007	300	N	N	N	N	V	5	V

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Inst-Hg	AA-Pb	AA-Zn	Al-Ag	CM-As	CY-Sb
N0001	N	N	<5	N	N	N	N	N	N	N	.20	15	<5	<.5	N	1
N0007	N	N	<5	N	N	N	N	N	N	N	.35	<5	<5	<.5	N	<1
N0016	N	<20	5	N	N	100	10	15	100	N	.02	5	20	<.5	N	<1
N0018	N	<20	5	N	N	100	10	15	100	N	N	5	20	<.5	<10	<1
N0026	N	N	5	N	N	N	10	N	150	N	N	10	35	1.5	10	5
N0032	100	N	50	N	N	N	10	N	100	N	.03	25	45	.8	150	50
N0038	5	N	N	N	N	N	N	N	N	N	.06	35	60	.6	10	4
N0046	N	N	N	N	N	N	N	N	N	N	.04	35	30	.6	10	1
N0048	5	N	N	N	N	N	N	N	N	N	.20	40	750	1.5	40	50
N0050	15	<20	10	15	20	700	200	20	100	N	.02	10	20	<.5	N	2
N0057	N	<20	5	10	N	500	100	10	200	N	N	10	30	<.5	<10	4
N0059	20	<20	5	10	N	N	150	10	150	N	N	10	10	<.5	120	4
N0062	30	20	N	N	N	N	20	N	30	N	.07	20	30	<.5	N	<1
N0066	N	N	N	N	N	N	N	N	N	N	.50	110	550	.6	<10	4
N0072	N	N	N	N	N	200	N	N	N	N	.50	75	30	1.0	<10	3
N0088	20	<20	10	10	N	N	70	20	700	N	.08	20	210	1.0	140	20
N0090	7	N	15	15	N	150	70	10	200	N	.03	15	15	.6	160	20
N0092	N	N	N	N	N	150	N	N	N	N	.06	40	20	.6	<10	4
N0100	N	<20	70	15	N	1,000	150	30	100	N	.03	10	15	<.5	<10	1
N0108	10	<20	70	15	N	1,000	150	20	150	N	.02	10	20	.6	N	1
N0110	N	N	N	N	N	1,000	N	N	N	N	.02	35	15	.8	N	<1
N0118	N	N	N	N	N	1,500	30	N	N	N	.02	35	20	.8	<10	<1
N0120	N	N	N	N	N	N	N	N	100	N	N	10	40	.8	80	10
N0122	N	N	15	5	N	N	50	30	500	N	N	30	15	.8	100	4
N0124	N	N	10	10	N	N	50	30	500	N	N	45	45	<.5	200	4
N0126	N	N	N	N	N	N	N	N	N	N	.03	45	70	.8	<10	8
N0128	N	N	N	N	N	300	N	N	N	N	.18	40	30	.8	<10	2
N0130	N	N	N	N	N	100	N	N	N	N	.30	50	35	.8	10	6
N0132	5	N	N	N	N	1,000	20	N	N	N	.04	40	20	.8	<10	1
N0134	N	N	N	N	N	500	10	N	N	N	.02	40	15	.8	N	<1
N0136	N	N	50	15	N	300	100	20	70	N	.02	25	65	<.5	<10	2
N0138	N	<20	50	15	N	500	150	15	70	N	.02	30	80	<.5	N	3
N0140	N	N	N	N	N	200	50	10	N	N	.06	40	95	1.0	20	15
N0142	N	20	5	5	N	N	20	50	1,000	N	.03	15	250	<.5	600	15
N0144	N	N	N	N	N	150	50	10	N	N	.14	35	10	.6	10	<1
N0147	N	N	N	N	N	300	N	N	70	N	.06	30	10	.6	<10	<1
N0149	N	N	N	N	N	500	20	N	N	N	.03	40	10	.6	10	<1
N0151	N	N	N	N	N	200	N	N	100	N	.06	30	15	<.5	40	<1
N0153	N	N	N	N	N	N	N	N	30	N	.07	<5	<5	<.5	10	3
N0155	N	N	5	N	N	N	N	N	30	N	.05	<5	<5	<.5	10	1
N0157	N	N	N	N	N	700	20	N	N	N	.06	35	10	.6	10	<1
N0159	N	N	N	N	N	300	N	N	N	N	.03	40	10	.6	10	1
N0161	N	N	N	N	N	500	N	N	N	N	.15	35	10	.8	10	<1
N0169	N	N	N	N	N	500	N	N	N	N	.03	25	15	.6	N	<1
N0179	N	N	N	N	N	150	20	N	N	N	.24	50	40	.8	10	1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-Z	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N0181	38,749	172,259	.30	>10.00	20.00	.010	1,000	N	N	N	N	V	7	V
N0183	38,925	172,323	.50	.70	>20.00	.050	300	N	N	N	N	V	<5	V
N0185	38,560	171,780	.30	.50	>20.00	.050	70	>20.00	N	N	N	V	<5	V
N0187	38,501	171,812	.20	>10.00	20.00	.010	300	N	N	N	N	V	<5	N
N0189	38,492	171,815	1.00	10.00	15.00	.030	200	N	20	<1.0	N	N	50	N
N0191	38,515	171,830	5.00	.70	3.00	.500	500	100	300	2.0	15	100	10	50
N0193	38,516	171,825	5.00	.70	5.00	.500	700	100	300	2.0	15	100	20	70
N0195	38,534	171,815	1.50	1.00	20.00	.070	200	<10	30	<1.0	N	V	<5	V
N0197	38,541	171,815	2.00	.70	>20.00	.150	300	<10	100	<1.0	N	20	<5	N
N0199	38,564	171,852	.50	.50	>20.00	.050	700	N	100	N	N	10	<5	V
N0201	38,701	171,857	.70	.70	>20.00	.050	100	N	<20	N	N	10	<5	V
N0203	38,716	171,865	1.50	1.00	>20.00	.150	300	<10	<20	N	N	50	<5	N
N0205	38,761	171,855	.15	10.00	20.00	.007	300	N	N	N	N	V	<5	N
N0208	38,876	171,834	5.00	2.00	2.00	.500	500	100	300	2.0	20	100	15	70
N0210	38,874	171,946	5.00	3.00	.50	.500	700	100	300	2.0	30	100	15	50
N0212	38,930	171,946	1.00	.50	20.00	.100	500	10	100	N	N	20	5	V
N0214	38,924	171,948	.70	.30	20.00	.050	200	N	<20	N	N	15	<5	V
N0216	39,042	171,941	.50	.50	>20.00	.070	500	15	<20	N	N	20	<5	V
N0219	39,326	172,854	.10	>10.00	15.00	.005	1,500	N	N	N	N	20	10	V
N0227	39,326	172,897	.07	10.00	15.00	.003	1,500	N	N	N	N	V	15	V
N0235	39,250	172,680	.20	>10.00	20.00	.005	3,000	N	100	N	N	V	15	V
N0237	39,249	172,691	.10	10.00	20.00	.005	3,000	N	100	N	N	V	5	V
N0239	39,120	172,401	.10	>10.00	15.00	.003	2,000	N	50	N	N	V	7	V
N0241	39,118	172,421	.10	10.00	15.00	.005	5,000	N	N	N	N	V	5	V
N0243	39,091	171,562	.15	.50	>20.00	.020	200	N	N	N	N	N	N	N
N0245	39,028	171,337	2.00	.70	20.00	.200	200	10	300	N	N	V	<5	N
N0250	38,888	171,522	.15	10.00	20.00	.005	300	N	N	N	N	V	<5	V
N0252	38,569	171,095	.10	5.00	>20.00	.010	200	N	N	N	N	V	<5	V
N0254	38,588	171,091	<.05	2.00	>20.00	.010	50	N	5,000	N	N	V	N	V
N0256	38,640	171,095	.20	.50	>20.00	.030	200	N	100	N	N	N	<5	V
N0259	38,689	171,135	5.00	.50	>20.00	.050	1,500	N	>5,000	N	N	20	5	V
N0263	38,565	169,695	1.00	.70	>20.00	.050	300	N	N	N	N	15	<5	N
N0265	38,615	169,715	1.00	10.00	20.00	.030	200	<10	N	N	N	V	5	V
N0272	38,697	169,792	.70	10.00	20.00	.007	1,000	N	N	N	N	N	7	V
N0275	38,700	169,800	.50	10.00	20.00	.010	1,000	N	N	N	N	N	20	V
N0277	38,705	169,805	.20	10.00	20.00	.010	500	N	N	N	N	V	10	V
N0279	40,510	168,870	.20	10.00	20.00	.020	200	N	<20	N	N	V	7	V
N0281	40,520	168,855	.15	.20	.30	.007	500	N	100	1.0	N	V	5	V
N0283	40,645	168,900	.15	>10.00	20.00	.010	100	N	N	N	N	V	7	V
N0285	40,605	168,905	.15	10.00	20.00	.010	150	N	N	N	N	V	5	V
N0287	40,580	168,890	.70	10.00	15.00	.070	200	N	20	N	N	V	7	V
N0289	40,565	168,880	.10	10.00	20.00	.010	150	N	N	N	N	V	7	V
N0292	42,115	169,430	.30	10.00	>20.00	.020	50	N	2,000	N	N	V	<5	V
N0294	42,105	169,428	.20	1.00	>20.00	.030	30	N	2,000	N	N	N	<5	N
N0296	42,095	169,425	.20	7.00	>20.00	.030	150	N	100	N	N	20	<5	V

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Inst-Hg	AA-Pb	AA-Zn	AI-Ag	CH-As	CH-Sb
N0181	N	N	N	N	N	N	20	N	N	N	1.40	140	130	.5	10	3
N0183	N	N	N	N	N	300	30	10	20	N	.39	30	20	<.5	N	<1
N0185	N	N	N	N	N	1,000	N	N	N	N	<.02	40	20	.6	<10	<1
N0187	N	N	N	N	N	N	N	N	N	N	.03	65	80	.8	<10	1
N0189	N	N	N	N	N	N	20	N	50	N	.09	160	600	1.5	10	10
N0191	N	N	50	15	N	N	100	15	100	N	N	15	90	<.5	10	2
N0193	N	N	50	15	N	N	100	15	100	N	N	15	75	<.5	N	<1
N0195	N	N	N	N	N	500	20	N	50	N	<.02	30	15	.6	N	<1
N0197	N	N	N	5	N	1,000	30	10	70	N	<.02	30	15	<.5	<10	1
N0199	N	N	N	N	N	700	20	N	N	N	.14	40	40	.5	10	1
N0201	N	N	N	N	N	1,500	N	N	N	N	<.02	35	15	.6	<10	<1
N0203	N	N	N	N	N	1,500	50	10	30	N	.03	35	25	<.5	N	<1
N0205	N	N	N	N	N	N	20	N	N	N	.50	45	30	.6	<10	5
N0208	N	N	50	15	N	N	150	15	100	N	.03	20	65	<.5	<10	<1
N0210	N	N	50	15	N	N	150	15	150	N	N	20	65	<.5	N	<1
N0212	N	N	N	N	N	300	30	20	100	N	.08	25	20	.6	<10	1
N0214	N	N	N	N	N	1,000	N	10	N	N	.07	30	20	.6	<10	<1
N0216	N	N	N	N	N	1,000	20	10	100	N	.12	30	10	<.5	10	<1
N0219	N	N	N	N	N	N	30	N	N	N	.60	35	25	<.5	<10	3
N0227	N	N	N	N	N	N	20	N	N	N	.60	40	10	.8	<10	2
N0235	N	N	N	N	N	N	20	N	N	N	.24	45	10	1.0	20	50
N0237	N	N	N	N	N	N	20	N	N	N	.35	35	300	3.0	<10	20
N0239	N	N	N	N	N	N	20	N	N	N	.40	50	30	1.0	<10	15
N0241	N	N	N	N	N	N	20	N	N	N	.08	40	15	2.5	10	35
N0243	N	N	N	N	N	200	N	N	N	N	<.02	40	10	<.5	<10	<1
N0245	N	N	N	N	N	1,500	N	N	70	N	.04	25	20	<.5	N	<1
N0250	N	N	N	N	N	N	N	N	N	N	.22	50	50	.6	<10	<1
N0252	N	N	N	N	N	N	N	N	N	N	<.02	40	10	1.0	N	<1
N0254	N	N	N	N	N	200	N	N	N	N	.70	950	40	<.5	<10	10
N0256	N	N	N	N	N	500	30	N	N	N	.15	50	15	<.5	10	3
N0259	N	N	10	N	N	1,000	N	15	N	N	.03	25	10	<.5	<10	1
N0263	N	N	5	N	N	500	50	N	20	N	.55	40	10	.6	<10	1
N0265	N	N	N	N	N	N	20	N	20	N	.50	35	20	1.0	20	4
N0272	N	N	N	N	N	N	10	N	N	N	.20	60	100	<.5	10	20
N0275	N	N	N	N	100	N	N	N	N	N	.20	700	8,500	6.5	20	50
N0277	N	N	N	N	N	N	10	N	N	N	.22	110	500	2.0	<10	3
N0279	10	N	N	N	N	N	10	N	N	N	<.02	35	15	<.5	N	<1
N0281	N	N	10	N	N	N	10	N	N	N	.03	5	10	<.5	N	<1
N0283	N	N	N	N	N	N	10	N	N	N	.03	35	15	<.5	<10	<1
N0285	5	N	N	N	N	N	10	N	N	N	.03	40	10	<.5	<10	<1
N0287	N	N	7	N	N	N	30	N	N	N	.06	40	25	<.5	10	4
N0289	N	N	N	N	N	N	20	N	N	N	.12	35	15	<.5	<10	<1
N0292	N	N	N	N	N	100	10	N	N	N	.06	40	15	<.5	10	<1
N0294	N	N	N	N	N	150	10	N	N	N	.03	40	10	.6	<10	1
N0296	N	N	N	N	N	150	20	N	N	N	.02	40	10	.6	N	1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-Li
N0298	42,085	169,423	.10	.70	>20.00	.030	50	N	>5,000	N	N	V	5	V
N0300	42,075	169,420	.05	.50	15.00	.070	15	N	20	N	N	V	<5	V
N0302	42,065	169,418	1.00	10.00	20.00	.050	700	N	>5,000	N	N	50	5	V
N0304	42,055	169,415	.10	>10.00	20.00	.010	150	N	1,500	N	N	V	10	V
N0306	42,045	169,413	.07	>10.00	20.00	.010	200	N	>5,000	N	N	V	7	N
N0308	42,035	169,410	.15	10.00	20.00	.010	500	N	30	N	N	V	5	V
N0311	42,025	169,408	.15	10.00	>20.00	.020	70	N	N	N	N	V	<5	V
N0313	41,915	168,740	.20	>10.00	>20.00	.020	500	N	N	N	N	V	5	V
N0315	41,935	168,730	.10	10.00	20.00	.015	200	N	N	N	N	V	20	V
N0317	41,975	168,745	.10	5.00	7.00	.007	150	N	N	N	N	N	<5	V
N0319	42,020	168,760	.05	7.00	10.00	.010	100	N	N	N	N	N	7	V
N0321	42,325	168,800	.10	1.00	>.05	.015	50	N	100	N	N	V	N	V
N0323	42,150	168,925	.50	>10.00	20.00	.030	200	N	N	N	N	N	5	V
N0325	42,140	168,918	.20	>10.00	20.00	.020	200	N	N	N	N	N	5	N
N0327	42,130	168,910	.20	>10.00	15.00	.010	200	N	N	N	N	V	10	V
N0330	42,110	168,895	<.05	>10.00	15.00	.005	50	N	N	N	N	V	7	V
N0332	42,100	168,888	.07	10.00	20.00	.010	200	N	N	N	N	N	10	N
N0334	42,090	168,881	.15	>10.00	20.00	.010	100	N	N	N	N	N	15	N
N0336	42,080	168,874	.15	>10.00	15.00	.010	700	N	N	N	N	N	100	V
N0338	42,070	168,867	.05	10.00	20.00	.010	300	N	N	N	N	V	10	V
N0340	42,060	168,860	.10	10.00	20.00	.010	150	N	N	N	N	N	150	V
N0344	42,050	168,845	.15	>10.00	15.00	.010	200	N	2,000	N	N	N	100	V
N0348	42,185	168,800	1.00	7.00	20.00	.030	200	10	500	N	N	20	10	V
N0350	42,175	168,798	1.50	7.00	15.00	.020	150	N	50	1.0	N	10	7	V
N0352	42,165	168,796	2.00	10.00	20.00	.050	300	N	>5,000	N	N	30	10	V
N0354	42,155	168,794	1.50	>10.00	20.00	.050	300	N	5,000	N	N	50	<5	N
N0356	42,145	168,792	1.50	10.00	20.00	.050	300	N	300	N	N	30	5	N
N0358	42,135	168,790	.20	>10.00	>20.00	.010	500	N	>5,000	N	N	N	5	V
N0360	42,125	168,789	.30	>10.00	>20.00	.010	500	N	50	N	N	V	<5	V
N0362	42,115	168,788	.70	10.00	20.00	.020	500	N	100	N	N	30	7	V
N0364	42,105	168,786	2.00	>10.00	>20.00	.015	1,000	N	1,000	N	N	V	15	V
N0366	42,095	168,785	.50	10.00	20.00	.010	500	N	N	N	N	N	15	V
N0369	38,374	171,157	.15	.50	>20.00	.030	200	N	20	N	N	V	<5	V
N0371	38,355	171,147	5.00	.70	20.00	.200	1,500	10	200	<1.0	10	50	10	20
N0373	38,350	171,125	5.00	.50	15.00	.500	1,000	50	500	1.0	15	70	20	50
N0375	38,313	171,148	.15	.05	.10	.050	50	10	<20	N	N	V	5	V
N0377	38,343	171,030	.15	1.00	>20.00	.020	200	N	1,000	N	N	V	<5	V
N0379	38,357	171,072	.15	1.00	>20.00	.030	500	N	N	N	N	V	<5	V
N0381	38,057	170,868	.70	.05	.10	.020	150	10	30	N	N	V	15	V
N0383	37,974	170,873	.50	5.00	>20.00	.030	500	<10	N	N	N	10	<5	V
N0385	38,069	170,870	.20	10.00	20.00	.010	500	N	N	N	N	N	5	V
N0387	38,085	170,874	.50	10.00	20.00	.015	300	N	N	N	N	V	10	V
N0389	38,128	170,900	.30	.10	.05	.070	200	30	200	N	N	V	5	V
N0391	38,563	170,616	.15	>10.00	20.00	.007	200	N	N	N	N	N	5	V
N0394	38,511	170,680	.70	>10.00	15.00	.005	700	N	N	N	N	V	7	V

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	1st-Hg	AA-Pb	AA-Zn	AA-Ag	CM-As	CM-Sb
N0298	N	N	N	N	N	200	10	N	N	N	.03	40	10	.6	<10	<1
N0300	N	N	N	N	N	N	10	N	N	N	.11	40	20	.8	<10	<1
N0302	N	N	10	N	N	150	50	N	10	N	.07	50	100	1.0	10	6
N0304	N	N	N	N	N	N	20	N	N	N	.06	40	35	.6	N	<1
N0306	N	N	N	N	N	N	20	N	N	N	.22	40	30	.6	<10	<1
N0308	N	N	N	N	N	N	10	N	N	N	.09	35	40	<.5	<10	<1
N0311	N	N	N	N	N	N	15	N	N	N	.04	40	15	.6	<10	<1
N0313	N	N	N	N	N	N	20	N	N	N	.12	35	10	.6	<10	<1
N0315	N	N	N	N	N	N	20	N	50	N	.06	30	10	<.5	N	1
N0317	N	N	5	N	N	N	N	N	N	N	.02	20	10	<.5	N	2
N0319	N	N	5	N	N	N	N	N	N	N	.05	25	10	<.5	N	3
N0321	N	N	N	N	N	200	N	N	N	N	.06	40	10	<.5	<10	<1
N0323	N	N	N	N	N	N	20	N	20	N	.03	40	40	<.5	<10	<1
N0325	N	N	N	N	N	N	20	N	N	N	.03	40	20	<.5	<10	<1
N0327	N	N	5	N	N	N	30	N	N	N	.06	140	120	1.5	20	<1
N0330	N	N	N	N	N	N	10	N	N	N	<.02	55	35	.8	<10	<1
N0332	N	N	N	N	N	N	10	N	N	N	.12	90	110	.6	N	<1
N0334	N	N	N	N	N	N	10	N	N	N	.23	130	110	.5	10	<1
N0336	N	N	N	N	N	N	10	N	N	N	.28	450	1,900	140.0	N	6
N0338	N	N	N	N	N	N	10	N	N	N	.06	70	60	.6	N	<1
N0340	N	N	N	N	N	N	10	N	N	N	.10	500	850	1.0	<10	3
N0344	N	N	N	N	N	N	10	N	N	N	.06	500	950	<.5	<10	3
N0348	N	N	7	N	N	100	15	10	10	N	.07	40	20	<.5	<10	<1
N0350	N	N	15	N	N	100	15	N	N	N	.07	45	20	.6	10	1
N0352	5	N	20	N	N	N	30	N	20	N	.07	50	30	1.0	10	2
N0354	7	N	10	N	N	100	30	N	20	N	.35	45	20	1.0	20	4
N0356	N	N	10	N	N	N	30	N	20	N	.20	45	20	1.0	10	1
N0358	N	N	N	N	N	N	20	N	N	N	.03	35	10	.5	<10	<1
N0360	N	N	N	N	N	N	20	N	N	N	.06	40	15	.6	<10	1
N0362	N	N	10	N	N	N	30	N	N	N	.08	130	85	.8	<10	2
N0364	N	N	N	N	N	N	10	N	N	N	.06	300	900	<.5	N	3
N0366	N	N	N	N	N	N	10	N	N	N	.39	620	650	<.5	<10	2
N0369	N	N	N	N	N	200	N	N	N	N	.10	40	10	.6	<10	3
N0371	N	N	20	10	N	500	50	20	70	N	.03	<5	<5	<.5	<10	2
N0373	N	N	50	20	N	100	100	50	200	N	.02	30	15	<.5	<10	<1
N0375	N	N	10	N	N	N	10	N	70	N	.02	30	45	<.5	30	<1
N0377	N	N	N	N	N	200	N	N	N	N	.06	70	10	<.5	20	20
N0379	N	N	N	N	N	150	N	N	N	N	.20	40	10	<.5	10	<1
N0381	N	N	10	N	N	N	10	N	10	N	.40	<5	<5	<.5	20	15
N0383	N	N	N	N	N	N	10	N	10	N	.55	35	20	1.0	20	<1
N0385	N	N	N	N	N	N	N	N	N	N	.80	45	75	.8	10	1
N0387	N	N	N	N	N	N	N	N	N	N	.75	40	35	1.0	10	3
N0389	N	N	7	N	N	N	N	N	200	N	.12	10	15	<.5	10	1
N0391	N	N	N	N	N	N	N	N	N	N	.85	40	50	.5	10	3
N0394	N	N	N	N	N	N	10	N	N	N	.17	45	170	.8	<10	2

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-Z	S-Zn	S-Be	S-Co	S-Cr	S-Cu	S-Au
N0396	38,503	170,680	.30	>10.00	15.00	.005	500	N	N	N	N	N	<5	V
N0398	38,492	170,680	.10	>10.00	20.00	.005	500	N	N	N	N	V	7	V
N0400	38,483	170,678	.20	>10.00	20.00	.007	700	N	N	N	N	V	<5	N
N0402	38,475	170,678	.15	10.00	20.00	.005	300	N	N	N	N	V	7	V
N0405	38,465	170,680	.70	10.00	20.00	.007	1,000	N	N	N	N	N	7	V
N0408	38,456	170,680	.15	>10.00	15.00	.007	300	N	N	N	N	N	5	N
N0410	38,445	170,680	.20	7.00	>20.00	.015	1,000	N	20	N	N	V	5	V
N0412	38,720	170,170	1.50	3.00	10.00	.020	200	N	30	N	N	V	10	V
N0414	38,727	170,168	.15	>10.00	20.00	.007	200	N	N	N	N	V	15	V
N0416	38,735	170,155	.20	10.00	20.00	.007	500	N	N	N	N	N	10	V
N0418	38,750	170,140	.20	>10.00	15.00	.005	150	N	N	N	N	V	5	V
N0420	38,759	170,131	.20	10.00	20.00	.007	300	N	20	N	N	N	10	V
N0422	38,767	170,124	1.00	10.00	20.00	N	1,000	N	N	N	N	V	10	V
N0424	38,776	170,116	.20	10.00	20.00	N	1,500	N	<20	N	N	N	50	V
N0426	38,785	170,109	.07	>10.00	20.00	N	500	N	N	N	N	N	10	N
N0428	38,794	170,102	.05	10.00	15.00	N	200	N	N	N	N	V	5	V
N0430	38,803	170,095	.10	>10.00	20.00	.007	300	<10	N	N	N	V	7	V
N0432	38,825	170,090	<.05	.30	20.00	N	50	N	30	N	N	V	<5	V
N0434	38,840	170,085	.05	1.00	>20.00	.005	70	N	50	N	N	N	5	V
N0436	38,908	171,523	<.05	10.00	20.00	.007	300	N	70	N	N	V	5	V
N0438	38,885	171,520	<.05	7.00	10.00	N	70	N	N	N	N	N	7	V
N0440	38,849	171,509	<.05	10.00	15.00	.015	500	N	N	N	N	V	10	V
N0442	38,851	171,454	.05	10.00	20.00	.003	100	N	N	N	N	V	7	V
N0445	39,262	172,106	.10	.20	15.00	.020	200	10	100	1.0	N	50	20	V
N0447	39,249	172,181	<.05	.30	>20.00	.010	70	N	50	<1.0	N	20	7	V
N0449	39,326	173,032	.07	10.00	20.00	N	1,000	N	20	N	N	V	10	V
N0451	39,349	173,032	<.05	10.00	20.00	.002	2,000	N	<20	N	N	V	20	V
N0453	39,166	172,760	.05	.02	<.05	.007	20	<10	200	N	<5	N	10	N
N0455	39,187	172,759	<.05	10.00	>20.00	.010	700	N	200	N	N	10	7	V
N0457	39,194	172,755	.15	10.00	>20.00	.010	1,000	N	200	N	N	10	15	V
N0459	39,202	172,750	.10	10.00	>20.00	.010	500	N	70	N	N	<10	10	V
N0461	39,211	172,749	<.05	10.00	20.00	.002	2,000	N	20	N	N	V	10	V
N0463	39,211	172,756	.10	7.00	>20.00	.015	>5,000	N	50	N	N	V	7	V
N0465	39,218	172,756	.10	7.00	10.00	.002	3,000	N	70	N	N	N	30	N
N0467	39,225	172,751	<.05	10.00	15.00	N	2,000	N	N	N	N	V	7	V
N0469	39,233	172,749	.20	10.00	20.00	.005	>5,000	N	300	N	N	N	20	V
N0471	39,241	172,750	.15	10.00	20.00	.007	>5,000	N	100	N	N	N	30	V
N0473	39,250	172,750	.05	>10.00	>20.00	N	5,000	N	200	N	N	V	50	V
N0475	39,258	172,752	.05	5.00	10.00	N	>5,000	10	300	N	N	V	100	100
N0477	39,266	172,754	.05	10.00	20.00	N	>5,000	N	300	N	N	N	30	N
N0479	39,275	172,760	<.05	10.00	20.00	N	700	N	70	N	N	N	20	V
N0481	39,283	172,765	<.05	10.00	20.00	N	500	N	50	N	N	N	10	V
N0483	39,293	172,768	.07	>10.00	>20.00	.010	1,000	N	50	N	N	<10	10	V
N0485	39,346	172,792	<.05	10.00	20.00	.005	2,000	N	<20	N	N	V	7	V
N0487	39,356	172,790	.05	10.00	20.00	.015	5,000	N	30	N	N	10	10	V

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Irst-Hg	AA-Pb	AA-Zn	AA-Ag	CM-As	CM-Sb
N0396	N	N	N	N	N	N	N	N	N	N	.22	40	80	.6	N	4
N0398	N	N	N	N	N	N	N	N	N	N	.12	35	60	.8	N	6
N0400	N	N	N	N	N	N	N	N	N	N	.12	35	40	.8	<10	5
N0402	N	N	N	N	N	N	N	N	N	N	1.30	35	30	.8	<10	5
N0405	N	N	N	N	N	N	20	N	N	.06	1.20	45	130	.6	100	2
N0408	N	N	N	N	N	N	N	N	N	N	.16	40	15	1.0	<10	40
N0410	N	N	N	N	N	N	N	N	N	N	.06	85	200	1.0	20	15
N0412	N	N	10	N	N	N	100	N	N	1.10	5.30	25	60	<.5	600	15
N0414	N	N	N	N	N	N	N	N	N	N	.28	40	20	1.0	<10	40
N0416	N	N	N	N	N	N	N	N	N	N	.70	25	15	1.0	<10	15
N0418	N	N	N	N	N	N	N	N	N	N	.18	75	55	2.0	20	8
N0420	N	N	N	N	N	N	10	N	N	N	.50	130	170	.6	60	6
N0422	N	N	N	N	N	N	N	N	N	N	.40	210	1,100	3.0	30	3
N0424	N	N	N	N	N	N	N	N	N	.04	1.10	620	13,000	110.0	10	<1
N0426	N	N	N	N	N	N	10	N	N	N	.50	220	120	7.0	<10	<1
N0428	N	N	N	N	N	N	N	N	N	N	.18	45	20	.6	<10	1
N0430	N	N	N	N	N	N	10	N	N	N	.50	60	40	.6	10	10
N0432	N	N	N	N	N	500	N	N	N	N	.39	40	20	.6	<10	1
N0434	N	N	N	N	N	300	N	N	N	N	.12	40	20	.8	<10	4
N0436	N	N	N	N	N	N	N	N	N	N	.30	75	35	1.0	<10	1
N0438	N	N	N	N	N	N	N	N	N	.10	.50	60	40	1.0	<10	2
N0440	N	N	N	N	N	N	10	N	N	.04	1.00	100	200	.6	10	1
N0442	N	N	N	N	N	N	N	N	N	N	.20	45	110	.6	30	1
N0445	N	N	5	N	N	150	30	10	N	N	.28	35	40	<.5	<10	2
N0447	N	N	N	N	N	300	20	N	N	N	.11	35	30	.8	N	30
N0449	N	N	N	N	N	N	30	N	N	N	.11	60	35	.5	N	5
N0451	N	N	N	N	N	N	20	N	N	N	.55	40	15	1.5	<10	5
N0453	N	N	<5	N	N	N	N	N	<10	N	.10	15	5	<.5	<10	2
N0455	N	N	N	N	N	150	20	N	N	N	.24	60	15	1.0	N	10
N0457	N	N	N	N	N	100	15	N	N	N	.26	55	60	1.0	20	10
N0459	N	N	N	N	N	100	10	N	N	N	.16	40	25	1.0	20	3
N0461	N	N	N	N	N	N	15	N	N	N	.17	80	70	1.0	10	10
N0463	N	N	N	N	N	N	50	N	N	N	.40	35	70	1.0	10	2
N0465	N	N	5	N	N	N	30	N	N	N	.30	40	95	1.0	10	3
N0467	N	N	N	N	N	N	N	N	N	N	.18	35	30	.8	<10	15
N0469	N	N	N	N	N	100	70	N	N	.08	2.00	45	550	15.0	80	10
N0471	N	N	N	N	N	N	50	N	N	N	1.20	50	30	.6	30	15
N0473	N	N	N	N	N	N	15	N	N	.04	.50	40	90	2.0	10	50
N0475	N	N	5	N	N	N	10	N	N	N	3.50	800	650	12.0	10	15
N0477	N	N	N	N	N	N	15	N	N	N	.60	35	70	1.5	10	10
N0479	N	N	N	N	N	N	N	N	N	N	.55	45	80	.8	<10	20
N0481	N	N	N	N	N	N	N	N	N	N	.11	55	35	<.5	<10	60
N0483	N	N	N	N	N	100	20	N	N	N	.50	45	40	.6	10	50
N0485	N	N	N	N	N	N	15	N	N	N	.04	30	10	<.5	<10	200
N0487	N	N	N	N	N	N	70	N	N	N	.08	30	40	.8	10	150

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeX	S-MgX	S-CaX	S-TiX	S-Mn	S-S	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N0489	39,369	172,803	-.05	10.00	20.00	.010	700	N	70	N	N	V	<5	N
N0491	39,373	172,811	<-.05	10.00	20.00	.010	700	N	150	N	N	N	10	N
N0493	39,384	172,815	<-.05	10.00	20.00	.005	500	N	50	N	N	V	5	V
N0495	39,392	172,820	<-.05	10.00	20.00	.002	1,000	N	30	N	N	V	10	V
N0497	39,402	172,819	<-.05	10.00	20.00	N	500	N	N	N	N	V	5	N
N0499	39,413	172,817	<-.05	10.00	20.00	N	2,000	N	N	N	N	V	5	V
N0501	39,466	172,836	-.05	10.00	20.00	N	>5,000	<10	130	N	N	V	15	V
N0503	39,555	172,825	<-.05	.30	>20.00	.010	200	<10	30	N	N	30	5	V
N0505	39,567	172,817	.10	.10	15.00	.015	200	10	30	N	N	20	7	V
N0508	39,247	170,980	.10	10.00	15.00	.010	200	N	30	N	N	10	10	V
N0510	39,247	170,999	.07	10.00	15.00	.007	200	N	<20	N	N	N	7	N
N0512	39,268	170,656	1.00	.03	.10	.010	30	<10	500	1.5	N	V	10	V
N0515	41,540	170,445	.20	>10.00	>20.00	.030	150	10	200	N	N	15	<5	V
N0517	41,550	170,430	.15	>10.00	>20.00	.005	200	<10	<20	N	N	<10	<5	V
N0519	41,545	170,360	.20	>10.00	>20.00	.015	150	<10	70	N	N	10	<5	N
N0521	41,480	170,335	.20	>10.00	>20.00	.030	300	<10	<20	N	N	10	<5	V
N0523	41,365	170,370	.10	>10.00	>20.00	.007	50	<10	N	N	N	<10	<5	N
N0525	41,325	170,380	<-.05	>10.00	>20.00	.002	30	N	N	N	N	<10	<5	N
N0527	41,455	170,550	.10	1.00	>20.00	.010	30	N	N	N	N	<10	<5	<20
N0529	41,435	170,540	.10	1.00	>20.00	.010	20	N	N	N	N	<10	<5	<20
N0531	41,190	170,540	-.05	5.00	10.00	.007	30	<10	<20	N	N	V	<5	V
N0533	41,165	170,540	-.05	5.00	10.00	.010	20	<10	<20	N	<5	V	<5	V
N0535	41,045	170,540	.20	>10.00	>20.00	.002	150	<10	20	N	N	<10	<5	N
N0537	41,030	170,520	.15	>10.00	>20.00	.010	100	<10	N	N	N	<10	<5	V
N0539	40,880	170,450	.20	>10.00	>20.00	.015	70	<10	N	N	<5	<10	5	V
N0541	40,880	170,485	-.05	>10.00	>20.00	.002	100	N	N	N	N	<10	<5	V
N0543	40,575	170,330	.10	>10.00	>20.00	.010	70	<10	N	N	N	<10	<5	V
N0545	39,345	169,305	.50	1.00	>20.00	.020	200	<10	<20	N	N	<10	<5	<20
N0547	39,350	169,250	.30	1.00	>20.00	.050	200	<10	20	N	N	<10	<5	<20
N0549	39,365	169,320	.10	.30	>20.00	.005	70	N	<20	N	N	<10	<5	<20
N0551	39,590	169,125	7.00	1.50	1.00	.700	200	50	1,500	1.5	10	150	50	70
N0553	39,655	169,060	10.00	1.50	.50	.700	200	50	2,000	1.5	15	200	30	70
N0555	39,715	168,830	7.00	1.50	.70	.500	100	100	5,000	1.0	10	200	100	50
N0557	39,840	168,710	.50	1.00	>20.00	.050	100	15	1,500	<1.0	N	30	<5	<20
N0559	39,880	168,750	.30	.70	>20.00	.010	100	<10	70	N	N	15	<5	<20
N0561	39,950	168,570	.10	.70	>20.00	.003	70	N	<20	N	N	<10	<5	<20
N0563	40,150	168,340	.07	1.00	>20.00	.010	50	<10	50	N	N	70	<5	<20
N0565	38,505	167,370	<-.05	10.00	20.00	.010	50	<10	20	N	N	<10	<5	<20
N0567	38,505	167,405	.15	>10.00	>20.00	.007	100	N	100	N	N	<10	<5	V
N0569	38,405	167,350	<-.05	>10.00	>20.00	.003	30	N	N	<1.0	N	<10	<5	<20
N0571	38,415	167,545	<-.05	>10.00	>20.00	N	50	N	30	<1.0	N	<10	<5	<20
N0573	38,530	168,095	.20	10.00	15.00	.002	100	<10	<20	<1.0	N	<10	<5	<20
N0575	38,535	168,070	.15	10.00	20.00	.002	50	N	5,000	<1.0	N	<10	<5	<20
N0577	38,535	167,560	-.05	10.00	15.00	<-.002	50	N	N	<1.0	N	<10	<5	<20
N0579	38,556	173,999	.07	7.00	20.00	<-.002	200	N	<20	<1.0	N	<10	<5	<20

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sr	S-V	S-Y	S-Zr	AR-Au	Irst-Hg	AA-Pb	AA-Zn	AI-Ag	CM-As	Ct-Sb
N0489	N	N	N	N	100	30	N	N	N	.06	40	50	.6	30	4
N0491	N	N	N	N	150	50	N	N	N	.08	140	10	1.5	10	20
N0493	N	N	N	N	N	15	N	N	N	.08	90	10	1.5	10	2
N0495	N	N	N	N	N	10	N	N	N	.06	70	20	.8	<10	<1
N0497	N	N	N	N	N	N	N	N	N	.04	65	15	1.0	<10	1
N0499	N	N	N	N	N	10	N	N	.06	.10	80	20	3.5	N	2
N0501	N	N	N	N	N	20	N	N	.20	.12	140	20	.6	10	<1
N0503	N	N	10	N	300	20	10	10	N	.02	35	25	.6	<10	1
N0505	N	N	5	N	200	10	N	10	N	.02	30	20	.6	N	<1
N0508	N	N	N	N	N	10	N	N	N	.04	40	45	1.5	<10	8
N0510	N	N	N	N	N	15	N	N	N	.30	45	70	6.0	20	8
N0512	7	N	<5	N	100	<10	N	N	N	1.30	110	10	11.0	200	70
N0515	N	N	5	N	100	20	N	10	N	.03	40	15	.6	<10	1
N0517	N	N	<5	N	N	<10	N	N	N	.10	40	20	.6	N	1
N0519	N	N	5	N	N	15	N	N	N	.08	40	15	.6	N	<1
N0521	N	N	<5	N	N	10	N	<10	N	.06	40	15	.6	N	<1
N0523	N	N	5	N	<100	15	N	10	N	.02	40	10	.5	N	<1
N0525	N	N	N	N	N	10	N	N	N	.03	40	10	.5	N	<1
N0527	N	N	<5	N	700	10	N	N	N	.02	45	15	.5	<10	<1
N0529	N	N	<5	N	500	10	N	<10	N	.03	45	10	.6	<10	<1
N0531	N	N	<5	N	N	<10	N	10	N	.06	15	10	.5	N	<1
N0533	N	N	<5	N	N	N	N	10	N	.06	15	10	.5	N	<1
N0535	N	N	<5	N	N	10	N	N	N	.02	40	10	.6	<10	<1
N0537	7	N	<5	N	<100	15	N	<10	N	.02	45	10	.6	<10	<1
N0539	30	N	15	N	N	20	N	<10	N	.06	45	15	.5	N	1
N0541	N	N	N	N	N	N	N	N	N	.02	45	10	.6	N	<1
N0543	10	N	5	N	100	20	N	<10	N	.02	45	5	.5	10	<1
N0545	N	N	<5	N	700	10	N	15	N	.03	45	30	.6	10	<1
N0547	N	N	<5	N	700	10	N	30	N	.04	45	10	.6	<10	<1
N0549	N	N	N	N	300	N	N	N	N	.03	50	10	.6	10	<1
N0551	N	<20	50	10	100	150	20	150	N	.28	30	110	.5	20	<1
N0553	N	<20	70	10	100	200	20	300	N	.22	30	120	.5	N	<1
N0555	5	<20	70	10	100	300	20	200	N	.22	20	160	.5	10	<1
N0557	<5	N	10	5	500	70	20	70	N	.02	30	55	.8	<10	1
N0559	7	N	<5	N	700	30	15	N	N	.03	50	30	.6	<10	<1
N0561	N	N	<5	N	500	10	<10	N	N	.03	50	20	.6	N	<1
N0563	N	N	<5	N	700	10	15	10	N	.02	45	20	.5	N	<1
N0565	N	N	<5	N	300	<10	15	15	N	.35	30	10	.5	N	<1
N0567	N	N	<5	N	300	20	10	15	N	.11	45	15	.5	10	<1
N0569	N	N	N	N	N	N	N	N	N	.03	45	10	.5	N	<1
N0571	N	N	N	N	<100	<10	N	N	N	.06	40	10	.5	N	<1
N0573	N	N	N	N	<100	10	N	N	N	.10	40	15	.5	10	<1
N0575	N	N	N	N	N	<10	N	N	N	.24	45	10	.5	N	<1
N0577	N	N	N	N	N	N	N	N	N	.08	45	20	.5	<10	<1
N0579	N	N	N	N	<100	<10	N	N	N	.08	60	65	.5	N	<1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-Li
N0581	38,524	174,001	.05	.30	>20.00	.002	150	N	N	N	N	<10	<5	<20
N0583	38,490	174,001	.70	.50	>20.00	.030	700	N	<20	<1.0	N	15	<5	<20
N0585	38,468	174,011	1.00	.15	>20.00	.020	1,500	<10	30	<1.0	N	<10	<5	<20
N0587	38,628	173,464	.05	.30	>20.00	N	70	N	N	N	N	<10	<5	<20
N0589	38,176	173,512	.05	10.00	15.00	N	200	N	N	N	N	<10	<5	N
N0591	38,240	173,332	<.05	7.00	20.00	N	700	N	<20	N	N	<10	<5	<20
N0593	38,304	173,362	.05	>10.00	20.00	.002	500	N	N	N	N	<10	<5	<20
N0595	38,540	173,502	.05	10.00	>20.00	N	700	N	N	N	N	<10	<5	<20
N0597	38,469	173,374	.15	7.00	>20.00	<.002	700	N	20	N	N	<10	<5	<20
N0599	38,605	173,326	.05	.50	>20.00	.007	300	N	<20	N	N	<10	<5	<20
N0601	40,635	172,335	.20	10.00	10.00	.005	150	<10	<20	N	N	20	10	N
N0603	40,685	172,300	.15	10.00	15.00	.002	150	<10	<20	N	N	<10	7	N
N0605	40,710	172,285	.30	7.00	7.00	.010	150	10	<20	N	N	<10	7	N
N0607	40,760	172,225	.07	7.00	7.00	N	70	N	N	N	N	<10	5	<20
N0609	40,825	172,170	.05	7.00	10.00	<.002	30	N	N	N	N	<10	<5	<20
N0611	40,785	172,200	.05	10.00	10.00	.005	30	10	N	N	N	<10	7	<20
N0613	40,685	172,240	1.00	.10	.20	.005	50	10	<20	<1.0	N	50	5	N
N0614	39,480	172,940	.10	10.00	7.00	N	700	<10	<20	N	N	30	7	N
N0616	39,550	172,990	<.05	.30	10.00	.003	50	N	70	N	N	20	<5	N
N0618	39,585	173,040	.15	.70	15.00	.030	150	10	100	N	N	70	5	<20
N0620	39,600	172,910	.10	.50	20.00	.050	50	15	50	N	N	50	5	N
N0622	39,570	172,875	<.05	.50	15.00	.005	30	N	<20	N	N	30	<5	N
N0624	39,605	172,715	3.00	1.00	3.00	.150	300	10	300	<1.0	5	70	10	<20
N0626	39,580	172,710	.05	.30	20.00	.007	70	<10	20	N	N	30	<5	N
N0630	39,408	173,658	7.00	1.50	3.00	.500	700	<10	1,000	<1.0	30	100	10	30
N0632	39,418	173,658	7.00	1.50	3.00	.700	700	<10	2,000	1.0	30	100	7	30
N0634	39,505	173,542	3.00	1.00	3.00	.300	500	N	1,500	1.5	10	70	5	30
N0636	39,508	173,536	7.00	1.50	3.00	.700	700	N	2,000	1.5	20	50	70	50
N0639	39,620	173,220	7.00	1.50	2.00	.700	700	N	2,000	1.5	20	50	30	50
N0641	39,622	173,196	7.00	2.00	2.00	.500	1,000	N	1,500	1.0	30	100	10	30
N0643	39,572	173,148	.30	.70	>20.00	.030	500	10	150	N	N	100	5	<20
N0645	39,554	173,148	.10	.70	20.00	.002	300	N	20	N	N	<10	5	<20
N0647	39,506	173,162	.15	.70	20.00	.015	500	<10	100	N	N	20	<5	<20
N0649	39,495	173,168	.07	.70	>20.00	.015	200	<10	70	<1.0	N	70	5	<20
N0651	39,445	173,170	.30	.50	20.00	.100	1,000	10	300	N	N	70	<5	<20
N0653	39,438	173,172	.70	1.50	20.00	.070	700	<10	300	N	N	50	10	<20
N0655	39,470	173,270	3.00	1.00	2.00	.150	700	15	500	2.0	N	<10	7	30
N0657	39,470	173,284	3.00	.70	3.00	.100	500	10	500	2.0	N	<10	30	70
N0660	39,335	173,102	.10	7.00	7.00	<.002	300	N	<20	N	N	<10	5	<20
N0662	39,310	173,078	.07	7.00	7.00	<.002	300	N	<20	N	N	<10	7	<20
N0664	39,252	173,068	<.05	.05	.07	.002	15	N	70	N	N	<10	10	<20
N0666	39,245	173,058	<.05	.02	.05	<.002	50	N	20	<1.0	5	<10	<5	<20
N0668	39,242	172,960	.10	5.00	5.00	.015	200	N	20	N	N	<10	15	<20
N0670	39,250	172,934	.05	.07	.05	.010	50	10	20	<1.0	<5	<10	5	<20
N0672	39,288	172,945	<.05	10.00	10.00	N	1,500	N	20	N	N	<10	7	<20

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Inst-Hg	AA-Pb	AA-Zn	Al-4g	CM-As	CM-Sb
N0581	N	N	N	N	N	300	<10	N	30	N	.11	50	15	<.5	N	<1
N0583	<5	N	5	N	N	500	20	N	15	N	.13	60	20	<.5	30	1
N0585	N	N	5	N	N	300	30	10	N	N	.03	70	85	<.5	100	2
N0587	N	N	N	N	N	200	N	N	N	N	.08	50	65	<.5	<10	<1
N0589	N	N	<5	N	N	N	<10	N	N	N	.90	35	40	<.5	<10	3
N0591	N	N	N	N	N	N	N	N	N	N	.12	45	10	.6	N	10
N0593	N	N	N	N	N	N	N	N	N	N	.60	45	30	<.5	<10	<1
N0595	N	N	N	N	N	N	15	N	N	N	.50	90	25	.6	N	4
N0597	N	N	5	N	N	N	<10	N	N	N	.35	50	15	.6	<10	<1
N0599	N	N	N	N	N	300	<10	N	N	N	.35	50	15	<.5	N	<1
N0601	N	N	<5	N	N	N	10	N	N	.04	.04	110	15	2.3	<10	<1
N0603	N	N	N	N	N	N	10	N	N	<.04	.02	50	5	2.3	<10	<1
N0605	N	N	<5	N	N	N	10	N	N	<.04	<.02	45	5	2.0	<10	<1
N0607	N	N	<5	N	N	N	<10	N	N	<.04	.02	40	<5	2.0	<10	<1
N0609	N	N	N	N	N	N	10	N	N	<.04	.03	45	10	2.3	10	<1
N0611	N	N	<5	N	N	N	10	N	N	<.04	.02	40	<5	2.3	<10	<1
N0613	N	N	5	N	N	N	15	50	N	<.04	.02	35	15	<.5	<10	<1
N0614	N	N	7	N	N	N	20	<10	N	<.04	.05	40	10	2.0	10	<1
N0616	N	N	<5	N	N	200	<10	N	70	<.04	<.02	35	10	2.3	<10	<1
N0618	N	N	5	N	N	300	15	10	70	<.04	.02	40	10	3.0	10	<1
N0620	N	N	5	N	N	700	10	<10	50	<.04	.02	30	10	2.7	<10	<1
N0622	N	N	<5	N	N	200	<10	<10	20	<.04	<.02	30	10	3.0	<10	<1
N0624	N	N	50	<5	N	N	50	10	70	<.04	.04	40	65	1.0	<10	<1
N0626	N	N	<5	N	N	300	10	N	30	<.04	<.02	35	10	3.0	<10	<1
N0630	N	N	15	15	N	1,000	150	20	100	N	.02	10	30	N	N	2
N0632	N	N	15	15	N	1,000	150	20	150	N	<.02	5	30	N	N	N
N0634	N	N	10	10	N	500	70	20	100	N	<.02	10	45	N	N	<1
N0636	N	N	15	15	N	700	150	20	150	N	<.02	20	45	N	N	<1
N0639	N	N	15	15	N	700	100	30	150	N	.04	110	100	N	10	1
N0641	N	N	10	15	N	1,000	100	20	70	N	<.02	80	70	<.5	<10	1
N0643	N	N	N	N	N	1,500	200	20	50	N	<.02	45	20	N	20	<1
N0645	N	N	N	N	N	300	<10	N	10	N	<.02	55	10	N	<10	N
N0647	N	N	N	N	N	500	30	15	20	N	.04	40	10	N	<10	<1
N0649	N	N	N	N	N	300	20	10	20	N	.02	40	10	<.5	10	<1
N0651	N	N	N	N	N	200	30	<10	30	N	.02	70	50	N	30	N
N0653	N	N	N	N	N	200	30	10	50	N	.02	70	15	N	10	<1
N0655	N	N	N	<5	N	100	20	30	70	N	.02	10	15	N	N	<1
N0657	N	N	N	<5	N	<100	<10	30	70	N	<.02	5	15	N	N	1
N0660	N	N	N	N	N	N	10	<10	N	N	.45	140	80	N	20	1
N0662	N	N	N	N	N	N	10	<10	N	N	1.10	140	50	N	10	N
N0664	N	N	5	5	N	N	10	10	N	N	.40	550	20	2.5	160	30
N0666	N	N	5	N	N	N	10	10	10	N	.02	25	10	1.0	<10	1
N0668	N	N	<5	N	N	N	15	N	70	N	1.10	60	15	1.0	20	2
N0670	N	N	5	N	N	N	10	N	50	N	.24	30	5	2.0	20	1
N0672	N	N	<5	N	N	N	10	N	N	N	.50	50	15	1.0	N	<1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-YgZ	S-CaZ	S-TiZ	S-Mn	S-Z	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N0674	39,510	173,102	.07	.70	20.00	.010	500	<10	70	N	N	23	7	<23
N0676	39,428	173,125	3.00	1.50	>20.00	.070	1,500	N	150	<1.0	N	33	15	23
N0678	39,770	172,440	1.00	.10	.30	.070	30	30	700	1.0	<5	50	10	50
N0680	39,770	172,455	.50	.07	.15	.010	30	20	500	1.0	<5	15	15	33
N0682	39,830	172,460	3.00	.15	5.00	.100	300	20	700	<1.0	5	23	10	23
N0684	39,845	172,430	3.00	.15	3.00	.150	200	30	>5,000	<1.0	5	23	10	N
N0686	39,540	172,605	1.50	1.50	>20.00	.100	700	15	300	N	N	33	7	V
N0688	39,535	172,615	1.00	1.50	>20.00	.070	700	10	150	N	N	23	5	V
N0690	39,525	172,595	.50	.70	>20.00	.050	300	10	50	N	N	53	5	V
N0692	39,500	172,610	.10	.50	15.00	.005	300	<10	50	N	7	<13	<5	N
N0694	39,835	172,790	1.00	.05	.30	.070	150	15	1,000	<1.0	5	23	5	23
N0696	39,845	172,770	1.50	.07	.10	.070	500	20	700	1.5	7	<13	7	23
N0698	39,825	172,880	.70	.10	.15	.070	50	20	1,500	<1.0	5	<13	5	33
N0700	39,785	172,900	.15	.30	20.00	.002	150	N	150	<1.0	N	<13	<5	23
N0702	39,775	172,905	.15	.15	7.00	.050	100	15	300	<1.0	N	<13	7	23
N0704	39,770	172,890	.07	.20	10.00	.030	150	10	200	<1.0	N	<13	<5	23
N0706	39,745	172,885	.50	.30	10.00	.030	300	15	700	<1.0	N	<13	7	23
N0708	39,760	172,850	.30	.70	20.00	.030	100	10	1,000	N	N	33	5	23
N0710	39,670	172,840	.20	.70	20.00	.070	1,000	10	300	<1.0	N	<10	5	<23
N0712	39,690	172,805	.50	.50	20.00	.030	150	<10	700	<1.0	N	<13	<5	<23
N0714	39,775	172,805	.30	.70	20.00	.030	150	10	1,000	<1.0	N	<13	7	23
N0716	39,775	172,775	.30	.70	20.00	.030	150	20	300	<1.0	N	<13	10	23
N0718	39,790	172,780	.50	.07	.20	.070	50	20	700	<1.0	N	23	50	V
N0720	39,735	172,725	.10	.10	.15	.150	100	10	1,000	<1.0	N	33	20	V
N0722	39,750	172,730	.20	.15	7.00	.020	20	10	300	<1.0	N	33	<5	V
N0724	39,740	172,710	.15	.15	10.00	.030	150	10	300	N	N	23	15	V
N0726	39,755	172,710	.20	.07	.50	.070	<10	10	500	<1.0	N	53	20	V
N0728	39,845	172,650	.10	.05	.50	.100	30	15	200	N	5	23	30	V
N0730	39,850	172,620	.50	.05	.15	.070	10	50	200	N	<5	23	10	V
N0732	39,590	172,730	1.00	1.00	20.00	.030	1,500	10	300	<1.0	<5	23	15	V
N0734	39,420	172,725	1.50	1.50	20.00	.020	3,000	N	100	<1.0	N	13	30	N
N0736	39,170	172,345	3.00	.20	5.00	.070	700	10	2,000	<1.0	5	23	70	<23
N0738	39,150	172,180	2.00	.05	.30	.070	300	15	1,000	<1.0	5	23	50	<23
N0740	39,405	172,110	1.50	.07	.07	.100	10	20	1,500	<1.0	N	33	70	<23
N0742	39,405	172,160	.20	.05	.05	.150	<10	20	1,000	<1.0	N	23	30	V
N0744	39,415	172,075	5.00	.50	.15	.300	70	70	1,500	1.5	5	133	70	23
N0746	39,495	172,050	5.00	1.00	.07	.500	20	100	700	<1.0	N	333	70	33
N0748	39,635	172,035	1.50	.07	.15	.070	200	10	500	<1.0	N	23	15	V
N0750	39,625	172,015	2.00	.20	.50	.100	30	15	1,000	<1.0	<5	23	20	N
N0752	39,655	171,990	.20	.50	>20.00	.007	300	<10	70	N	N	23	10	V
N0754	39,645	171,980	1.00	1.00	>20.00	.050	1,000	10	300	N	N	23	10	<23
N0756	39,485	171,555	1.00	.70	20.00	.050	500	20	5,000	<1.0	N	15	15	<23
N0758	39,490	171,590	.70	.50	20.00	.020	500	10	700	<1.0	N	23	10	N
N0760	39,450	171,675	.20	.30	20.00	.050	700	10	200	<1.0	N	23	7	V
N0762	39,440	171,695	.70	.70	>20.00	.070	700	15	300	<1.0	N	53	10	<23

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Se	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Inst-Hg	AA-Pb	AA-Zn	AI-Ag	CH-As	C9-Sb
N0674	N	<20	<5	N	N	300	15	15	30	N	.04	50	20	N	10	<1
N0676	S	<20	15	S	N	200	50	15	30	N	.02	50	65	N	30	2
N0678	N	N	15	10	N	100	150	150	100	N	.04	10	45	N	10	1
N0680	N	<20	15	7	N	N	100	10	100	N	.04	10	35	N	10	1
N0682	N	<20	15	S	N	150	150	10	50	N	.04	10	35	<.5	10	<1
N0684	N	<20	15	S	N	300	150	10	70	N	.04	10	20	N	10	1
N0686	N	<20	15	N	N	300	30	<10	50	N	.02	40	10	N	20	V
N0698	N	N	7	N	N	200	30	<10	20	N	.02	40	20	N	60	N
N0690	N	N	7	N	N	500	30	15	30	N	.04	40	30	N	<10	N
N0692	N	N	<5	N	N	200	10	10	20	N	<.02	40	15	N	<10	V
N0694	N	N	10	S	N	1,000	50	30	150	N	.02	5	15	N	<10	N
N0696	10	N	15	S	N	700	30	10	150	N	.04	10	25	N	20	N
N0698	S	<20	10	<5	N	1,500	15	15	100	N	<.02	5	10	N	20	N
N0700	N	<20	<5	N	N	300	10	<10	10	N	.02	50	15	N	<10	N
N0702	N	<20	7	<5	N	<100	70	15	30	N	<.02	20	5	N	10	<1
N0704	N	<20	5	<5	N	200	20	15	30	N	.06	30	10	N	N	N
N0706	N	N	15	<5	N	200	50	10	30	N	.06	25	20	N	N	V
N0708	N	N	5	N	N	300	30	15	20	N	.06	40	10	N	<10	N
N0710	N	N	5	<5	N	300	50	<10	50	N	.04	40	10	N	<10	N
N0712	N	N	5	N	N	300	30	<10	15	N	.02	40	10	N	10	N
N0714	N	N	7	N	N	700	20	10	15	N	.04	30	5	N	<10	V
N0716	N	N	5	N	N	500	30	10	15	N	.12	30	5	N	10	N
N0718	N	N	10	S	N	<100	70	10	50	N	.20	<5	20	<.5	<10	3
N0720	N	N	20	<5	N	200	70	15	150	N	.10	25	40	<.5	10	20
N0722	N	<20	<5	<5	N	200	20	15	10	N	.02	30	10	<.5	10	3
N0724	N	N	5	N	N	150	30	<10	20	N	.12	25	15	N	<10	3
N0726	N	N	15	N	N	100	70	<10	50	N	.16	<5	10	N	N	2
N0728	N	N	7	N	N	150	30	15	300	N	.04	10	10	N	10	15
N0730	N	<20	10	N	N	<100	15	15	30	N	.02	<5	5	N	N	15
N0732	S	N	15	N	N	200	30	10	20	N	<.02	50	100	N	20	6
N0734	N	N	10	N	N	150	15	<10	10	N	.02	60	90	N	N	10
N0736	N	N	20	N	N	<100	150	<10	50	N	.02	10	110	<.5	<10	4
N0738	N	N	20	S	N	<100	200	10	50	N	.45	5	80	N	80	3
N0740	N	N	15	N	N	300	70	<10	70	N	.30	5	20	N	60	3
N0742	N	N	5	N	N	150	50	<10	70	N	.02	<5	5	N	10	2
N0744	N	N	70	10	N	<100	200	15	150	N	.10	10	170	N	10	2
N0746	N	N	15	15	N	<100	300	20	150	N	.12	10	30	N	30	2
N0748	N	N	20	<5	N	N	70	10	30	N	.80	<5	45	N	10	1
N0750	N	N	15	<5	N	150	150	<10	<10	N	.40	<5	10	N	20	4
N0752	N	N	<5	N	N	150	20	10	<10	N	.10	40	25	N	<10	1
N0754	N	N	15	<5	N	300	50	15	30	N	.02	35	40	N	10	1
N0756	N	N	10	N	N	300	50	<10	30	N	.04	35	10	N	20	2
N0758	N	N	5	N	N	300	20	<10	N	N	.06	35	15	N	20	1
N0760	N	N	5	<5	N	700	20	10	30	N	.12	60	10	N	10	1
N0762	N	N	10	N	N	1,500	30	15	150	N	.08	40	10	N	10	1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Sa	S-Be	S-Co	S-Cr	S-Cu	S-La
N0764	39,425	171,650	3.00	1.00	.50	.300	30	150	1,000	1.0	N	153	15	33
N0766	39,415	171,635	3.00	1.00	.30	.200	30	150	1,500	1.0	N	153	50	33
N0768	39,695	171,415	.07	.15	10.00	.015	70	15	100	N	N	<10	15	<20
N0770	39,695	171,455	.10	.70	20.00	.015	1,000	<10	100	N	N	23	15	<20
N0772	39,755	171,595	1.50	.10	.50	.100	50	30	1,500	<1.0	15	23	70	<23
N0774	39,750	171,555	1.50	.07	.10	.100	10	20	2,000	<1.0	N	23	20	<23
N0776	39,855	171,550	.70	.30	.15	.300	20	100	500	1.0	N	153	10	33
N0778	39,998	171,585	.30	.70	20.00	.050	150	15	2,000	<1.0	N	23	15	<23
N0780	39,995	171,555	.30	.70	>20.00	.070	150	15	200	<1.0	N	23	15	<23
N0782	40,170	171,490	.05	.15	.50	.010	15	N	>5,000	<1.0	N	<13	10	N
N0784	40,210	171,505	<.05	.05	.07	.002	70	N	50	N	N	<13	7	V
N0786	40,185	171,555	.50	.70	20.00	.020	300	10	150	N	N	<13	5	N
N0788	40,195	171,575	.20	.70	20.00	.010	500	<10	200	N	N	<13	<5	V
N0790	40,455	172,470	.05	<.02	.50	.010	50	N	>5,000	<1.0	N	<13	5	V
N0792	40,435	172,460	.07	.05	.30	.020	70	N	300	<1.0	N	<13	20	V
N0794	40,435	172,425	.10	7.00	7.00	.005	100	N	30	<1.0	N	<13	30	V
N0796	40,425	172,395	.20	7.00	10.00	.007	150	<10	20	<1.0	N	<13	7	V
N0798	40,500	172,335	.05	.15	.15	.010	30	N	3,000	<1.0	N	<13	5	N
N0800	40,325	172,330	3.00	.20	.20	.200	30	15	300	1.0	N	<13	5	53
N0802	40,310	172,360	1.50	7.00	10.00	.020	1,000	N	300	<1.0	N	<13	7	V
N0804	40,075	172,255	.70	1.00	20.00	.070	200	15	100	<1.0	N	333	7	33
N0806	40,095	172,225	.50	.70	>20.00	.015	300	<10	100	N	N	<13	5	<23
N0808	40,110	172,255	.10	.20	>20.00	.002	300	N	20	N	N	N	7	<23
N0810	40,110	172,085	.07	.50	15.00	.003	100	<10	30	N	N	V	5	V
N0812	40,130	172,110	.15	.30	20.00	.002	150	N	20	N	N	V	5	V
N0814	40,075	171,990	.10	.15	>20.00	.002	200	<10	20	N	N	V	7	V
N0816	40,065	172,055	.15	.20	20.00	.030	300	10	100	<1.0	N	23	7	N
N0818	40,015	172,070	.05	.70	20.00	.003	70	<10	50	N	N	23	7	N
N0820	40,000	171,985	.05	.50	20.00	.020	100	<10	30	N	N	33	5	V
N0822	39,935	170,530	.50	.30	15.00	.100	200	10	150	N	N	33	5	<23
N0824	39,935	170,500	.50	.10	5.00	.070	150	15	150	<1.0	N	33	7	V
N0826	39,875	170,465	.15	.30	10.00	.020	100	10	200	<1.0	N	13	5	V
N0828	39,875	170,615	3.00	.70	5.00	.300	70	50	1,000	1.5	5	53	30	33
N0830	39,855	170,635	5.00	.70	5.00	.200	150	50	1,500	1.5	5	53	20	33
N0832	39,870	170,660	.50	1.00	20.00	.050	1,500	10	300	<1.0	N	<13	7	V
N0834	39,890	170,635	.10	.30	20.00	.007	300	<10	100	N	N	<13	7	V
N0836	39,715	170,720	7.00	1.00	.70	.700	70	50	1,000	1.0	5	100	50	33
N0838	39,710	170,695	5.00	.70	.30	.500	50	70	1,000	1.0	<5	73	50	23
N0840	39,680	170,740	.30	.70	7.00	.015	100	<10	150	N	N	<13	5	V
N0842	39,685	170,720	.20	.30	10.00	.030	150	10	150	N	N	<13	5	N
N0844	39,415	170,905	3.00	1.00	.30	.500	150	30	5,000	1.0	7	133	20	23
N0846	39,395	170,885	5.00	1.50	.50	.300	300	50	3,000	1.5	10	73	30	23
N0848	39,360	170,835	3.00	.70	1.00	.150	300	30	200	<1.0	10	23	15	<23
N0850	39,360	170,905	2.00	.50	1.50	.150	300	30	1,500	<1.0	5	23	20	<23
N0852	40,070	169,455	.50	.30	10.00	.070	150	10	200	N	N	33	7	<23

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Se	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Inst-Hg	AA-Pb	AA-Zn	AA-Ag	CM-As	CM-Sb
N0764	N	N	20	7	N	100	300	15	150	N	.18	10	5	N	10	1
N0766	N	N	30	7	N	100	200	15	100	N	.14	10	20	N	<10	1
N0768	N	N	7	N	N	100	10	<10	10	N	.04	10	5	N	10	1
N0770	N	N	5	N	N	300	10	10	N	N	.06	30	10	N	<10	1
N0772	N	N	30	5	N	100	150	<10	70	N	.04	<5	50	N	40	2
N0774	N	N	5	<5	N	150	150	<10	70	N	.04	5	<5	N	20	1
N0776	N	N	5	5	N	100	100	10	500	N	.04	5	5	N	10	1
N0778	N	N	5	5	N	700	20	<10	50	N	.02	35	20	N	20	1
N0780	N	N	5	<5	N	700	20	10	100	N	<.02	30	10	N	N	1
N0782	N	N	5	N	N	<100	<10	<10	20	N	.12	5	5	N	N	3
N0784	N	<20	5	N	N	N	<10	<10	N	N	.06	<5	5	N	N	1
N0786	N	N	<5	N	N	200	15	<10	N	N	<.02	40	5	N	<10	<1
N0788	N	N	5	N	N	300	10	<10	N	N	.02	35	5	N	N	1
N0790	N	<20	5	N	N	N	<10	<10	20	N	.14	5	<5	N	N	1
N0792	N	N	7	N	N	N	<10	<10	30	N	.14	5	<5	N	N	3
N0794	N	N	5	N	N	N	15	<10	<10	N	.10	30	5	N	N	1
N0796	N	N	5	N	N	N	20	<10	<10	N	.06	40	5	N	N	1
N0798	N	<20	10	N	N	N	<10	<10	10	N	.14	<5	<5	N	N	N
N0800	N	<20	5	7	N	N	20	15	150	N	.08	5	10	N	10	<1
N0802	N	N	7	N	N	<100	15	10	30	N	<.02	20	10	N	20	N
N0804	N	<20	20	5	N	300	20	15	50	N	.06	30	35	N	10	<1
N0806	N	N	10	N	N	500	10	<10	<10	N	.26	50	20	N	N	<1
N0808	N	N	N	<5	N	300	<10	N	N	N	.04	45	5	N	<10	N
N0810	N	N	N	N	N	300	<10	N	N	N	.02	45	5	N	<10	<1
N0812	N	N	N	N	N	300	<10	N	N	N	.04	50	5	N	<10	1
N0814	N	N	N	N	N	300	10	N	N	N	.02	45	5	N	<10	N
N0816	N	N	<5	N	N	200	20	<10	50	N	<.02	35	10	N	<10	1
N0818	N	N	N	N	N	300	10	10	N	N	<.02	50	10	N	N	<1
N0820	N	N	N	N	N	300	10	<10	10	N	<.02	50	10	N	<10	N
N0822	N	N	10	N	N	300	10	15	300	N	<.02	40	15	N	<10	N
N0824	N	N	15	N	N	<100	15	<10	200	N	.04	35	20	N	<10	<1
N0826	N	N	5	N	N	300	15	<10	20	N	.02	35	20	N	<10	<1
N0828	N	N	50	7	N	<100	200	15	150	N	.08	15	250	N	<10	4
N0830	N	<20	70	7	N	100	200	20	150	N	.10	20	180	N	<10	2
N0832	N	N	<5	N	N	300	20	<10	20	N	<.02	35	35	N	<10	N
N0834	N	<20	<5	N	N	300	10	N	N	N	<.02	50	25	N	10	N
N0836	N	<20	70	10	N	N	500	20	100	N	.10	10	100	N	<10	2
N0838	N	<20	70	7	N	N	300	15	70	N	.02	20	85	N	10	2
N0840	N	N	5	N	N	300	15	<10	20	N	.02	40	30	N	N	N
N0842	N	N	5	N	N	200	20	<10	30	N	.04	30	30	N	<10	<1
N0844	N	N	30	10	N	N	100	15	100	N	.08	10	110	N	N	1
N0846	N	<20	70	10	N	N	150	15	70	N	.08	15	190	N	10	1
N0848	7	N	30	5	N	300	100	10	100	N	.10	20	70	N	<10	<1
N0850	N	N	20	<5	N	200	70	10	70	N	.16	15	40	N	<10	<1
N0852	N	N	7	N	N	300	50	10	70	N	.18	30	20	N	<10	<1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-Z	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N0854	40,120	169,425	1.50	.30	10.00	.070	150	10	1,500	N	N	33	7	V
N0856	39,985	169,430	.20	.70	20.00	.030	700	<10	150	N	N	23	7	N
N0858	39,985	169,495	1.50	.70	20.00	.070	150	20	300	N	N	33	7	V
N0860	39,805	169,525	3.00	1.00	1.00	.500	100	100	1,500	1.0	5	103	30	33
N0862	39,815	169,425	3.00	1.50	.70	.500	150	150	1,500	1.5	5	133	50	23
N0864	39,435	169,760	2.00	.15	.05	.150	<10	<10	500	N	N	23	10	<23
N0866	39,480	169,760	.20	.20	.20	.150	20	<10	700	<1.0	<5	23	10	<23
N0868	38,700	169,510	<.05	<.02	<.05	.020	<10	N	50	N	N	<13	7	V
N0870	38,745	169,530	<.05	.02	<.05	.002	10	N	50	N	N	<13	5	N
N0872	38,770	169,545	.70	2.00	5.00	.030	150	10	20	<1.0	5	<13	10	<23
N0874	38,775	169,520	.07	10.00	10.00	.002	300	<10	<20	N	N	<13	5	<23
N0876	38,835	169,525	.15	.70	>20.00	.007	200	<10	150	N	N	<13	<5	V
N0878	38,845	169,410	.10	1.00	20.00	.015	70	<10	150	N	N	23	<5	V
N0880	38,900	169,405	2.00	2.00	20.00	.100	200	10	100	<1.0	N	33	10	V
N0882	38,980	169,340	1.00	1.00	15.00	.030	300	<10	>5,000	N	N	<13	10	23
N0884	39,060	169,475	.70	1.50	20.00	.030	200	<10	150	N	N	<13	5	N
N0886	39,090	169,430	.10	10.00	20.00	.030	1,500	15	30	N	N	<13	5	N
N0888	39,080	169,480	.07	10.00	15.00	.015	1,000	10	<20	N	N	<13	5	23
N0890	40,455	168,805	.15	>10.00	15.00	.002	300	<10	30	N	N	<13	7	<23
N0892	40,825	168,895	.05	>10.00	20.00	.002	300	<10	100	N	N	<13	5	<23
N0894	40,805	168,895	.15	>10.00	20.00	.002	300	<10	50	N	N	<13	<5	<23
N0896	40,790	168,940	<.05	.15	.30	.002	15	N	20	<1.0	N	<13	10	<23
N0898	40,815	168,940	.05	.35	.30	.010	50	N	30	1.0	N	<13	20	V
N0900	40,910	168,995	.07	7.00	7.00	.005	30	<10	<20	<1.0	N	<13	5	V
N0902	40,935	168,960	.07	7.00	15.00	.003	100	<10	20	N	N	<13	15	V
N0904	41,055	169,090	<.05	7.00	10.00	.002	50	N	<20	N	N	<13	7	V
N0906	41,040	169,100	.05	5.00	5.00	.007	30	N	20	N	N	<13	5	V
N0908	41,085	169,110	.07	10.00	10.00	.002	150	N	<20	<1.0	N	<13	5	V
N0910	41,100	169,130	.07	10.00	10.00	.002	50	<10	<20	N	N	<13	5	V
N0912	41,175	169,200	.05	10.00	10.00	.002	500	N	<20	<1.0	N	<13	5	V
N0914	41,230	169,205	.07	10.00	15.00	.002	300	N	700	<1.0	N	<13	10	V
N0916	41,265	169,270	.05	5.00	7.00	.010	30	<10	<20	<1.0	N	<13	30	V
N0918	41,295	169,285	.10	7.00	7.00	.030	50	<10	<20	<1.0	N	<13	7	N
N0920	41,375	169,260	<.05	<10.00	10.00	.002	300	N	500	<1.0	N	<13	5	V
N0922	41,410	169,270	.05	>10.00	15.00	.002	300	<10	500	<1.0	N	<13	7	V
N0924	41,470	169,290	.07	10.00	15.00	.002	150	N	<20	<1.0	N	<13	20	V
N0926	41,530	169,305	.07	>10.00	20.00	.002	70	<10	<20	<1.0	N	<13	15	V
N0928	41,565	169,295	.10	7.00	10.00	.005	50	10	<20	<1.0	N	<13	15	V
N0930	41,640	169,305	.05	5.00	5.00	.010	15	N	<20	<1.0	N	<13	10	V
N0932	41,685	169,330	.15	10.00	10.00	.015	30	10	<20	N	N	<13	10	V
N0934	41,710	169,400	.20	10.00	10.00	.002	300	<10	20	N	N	<13	5	V
N0936	41,740	169,395	.15	1.50	20.00	.020	15	10	70	N	N	<13	<5	N
N0938	41,780	169,400	.15	1.50	>20.00	.020	70	<10	70	N	N	<13	<5	V
N0940	41,645	168,355	<.05	.50	20.00	.002	10	N	700	N	N	<13	5	V
N0942	41,675	168,365	<.05	.50	>20.00	N	20	N	20	N	N	<13	<5	V

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Inst-Hg	AA-Pb	AA-Zn	AA-Ag	CN-As	CN-Sb
N0854	N	N	15	N	N	300	30	10	70	N	<.02	20	20	V	<10	1
N0856	10	N	<5	N	N	200	10	N	10	N	<.02	15	10	N	<10	<1
N0858	15	N	15	N	N	300	20	10	50	N	.04	30	30	N	<10	1
N0860	<5	<20	70	10	N	N	300	15	150	N	.12	15	150	N	10	1
N0862	N	<20	70	10	N	N	200	15	100	N	.10	10	180	N	10	2
N0864	<5	N	5	<5	N	N	150	N	70	N	.08	10	<5	N	<60	4
N0866	N	N	5	N	V	N	150	N	70	N	.02	10	<5	N	<10	1
N0868	N	N	<5	N	N	N	<10	N	30	N	.24	5	<5	N	N	5
N0870	N	N	<5	N	N	N	<10	N	10	N	.12	5	<5	N	N	25
N0872	N	N	5	N	N	N	50	N	N	N	5.50	440	530	N	60	350
N0874	N	N	<5	N	N	N	10	N	N	N	.35	50	50	N	10	3
N0876	N	N	<5	N	N	700	10	N	N	N	.10	45	10	N	10	1
N0878	N	N	<5	N	N	700	30	10	N	N	.14	45	5	N	20	1
N0880	N	N	15	7	N	700	20	10	20	N	.02	25	25	N	10	1
N0882	N	N	<5	N	N	700	10	<10	10	N	.04	40	5	N	10	<1
N0884	N	N	<5	N	N	1,000	10	<10	20	N	<.02	45	10	N	<10	1
N0886	N	N	<5	N	N	N	15	<10	10	N	1.10	50	10	N	10	4
N0888	N	N	<5	N	N	N	10	<10	10	N	.18	50	10	N	10	1
N0890	N	N	<5	N	V	N	10	<10	N	N	.04	55	5	N	<10	<1
N0892	N	N	<5	N	N	N	15	N	N	N	.04	55	5	N	<10	<1
N0894	N	N	<5	N	N	N	15	N	N	N	.04	45	10	V	20	1
N0896	N	N	<5	N	V	N	<10	N	10	N	.02	5	<5	N	N	1
N0898	N	<20	5	N	V	N	10	N	20	N	.04	<5	<5	N	N	N
N0900	N	N	<5	N	N	N	10	<10	30	N	<.02	50	<5	V	N	<1
N0902	N	<20	<5	N	N	N	10	<10	10	N	<.02	40	<5	N	<10	<1
N0904	N	N	<5	N	N	N	10	N	N	N	<.02	50	<5	N	N	N
N0906	N	<20	5	N	N	N	<10	<10	30	N	<.02	20	<5	N	N	<1
N0908	N	<20	N	N	N	N	10	<10	<10	N	<.02	45	5	N	10	<1
N0910	N	N	N	N	N	N	10	N	<10	N	<.02	45	5	N	<10	<1
N0912	N	<20	N	N	N	N	10	N	<10	N	<.02	45	5	N	10	N
N0914	N	<20	5	N	V	N	20	N	<10	N	<.02	50	50	N	N	1
N0916	N	<20	<5	N	N	N	10	<10	20	N	<.02	30	5	N	N	N
N0918	N	<20	5	N	N	N	10	<10	70	N	<.02	30	10	N	N	<1
N0920	N	<20	<5	N	N	N	10	N	N	N	<.02	50	20	N	N	N
N0922	N	<20	N	N	N	N	10	N	<10	N	<.02	50	20	N	N	<1
N0924	N	<20	<5	N	V	N	10	N	<10	N	<.02	50	5	N	10	N
N0926	N	<20	<5	N	N	N	15	N	N	N	<.02	50	5	N	N	V
N0928	N	<20	5	N	N	N	10	<10	20	N	<.02	30	5	V	<10	N
N0930	N	N	<5	N	N	N	10	N	30	N	<.02	30	<5	N	10	V
N0932	N	N	N	N	V	N	10	N	N	N	<.02	40	10	N	<10	<1
N0934	N	N	N	N	N	N	10	N	N	N	<.02	40	15	N	<10	<1
N0936	N	N	7	N	N	500	15	<10	N	N	.14	50	5	N	<10	<1
N0938	N	N	<5	N	N	1,000	10	<10	N	N	.02	50	5	N	10	<1
N0940	N	N	N	N	N	200	<10	N	N	N	.08	50	5	N	<10	1
N0942	N	N	N	N	N	150	<10	N	N	N	.02	50	5	N	N	1

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-Z	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N0944	41,830	168,495	<.05	7.00	7.00	<.002	30	N	<20	N	N	V	10	V
N0946	41,840	168,515	.05	>10.00	20.00	<.002	70	<10	<20	N	N	N	7	V
N0948	41,880	168,510	.05	>10.00	20.00	<.002	30	<10	<20	N	N	V	7	V
N0950	41,920	168,520	<.05	>10.00	15.00	N	30	N	<20	N	N	N	5	N
N0952	42,030	168,515	<.05	5.00	5.00	<.002	20	N	<20	N	N	V	5	V
N0954	42,035	168,545	<.05	3.00	5.00	.002	20	N	<20	N	N	N	50	V
N0956	42,160	168,690	<.05	1.50	1.50	.010	10	N	<20	N	N	V	7	V
N0958	42,190	168,705	.05	10.00	10.00	<.002	50	<10	N	<1.0	N	V	5	V
N0960	42,130	169,665	.20	3.00	>20.00	.030	30	<10	100	N	N	N	5	V
N0962	42,150	169,675	.20	1.00	>20.00	.015	150	10	300	N	N	N	7	N
N0964	42,190	169,790	.70	.50	20.00	.015	700	<10	200	N	N	V	<5	V
N0966	42,180	169,805	.70	.70	20.00	.020	300	<10	1,000	N	N	N	<5	<20
N0968	42,130	169,830	.70	.50	20.00	.070	200	15	200	N	N	15	<5	<20
N0970	42,140	169,795	.50	.70	>20.00	.050	150	10	100	N	N	10	5	V
N0972	42,240	169,775	3.00	1.50	7.00	.070	3,000	10	300	<1.0	N	10	7	20
N0974	42,315	169,775	3.00	.70	3.00	.100	700	15	1,000	<1.0	<5	20	20	20
N0976	42,430	169,835	1.50	.10	.70	.100	300	20	500	<1.0	5	30	7	30
N0978	42,465	169,980	1.00	.30	.15	.150	50	10	700	<1.0	<5	20	50	30
N0980	42,510	170,065	3.00	1.50	.50	.500	100	100	1,000	1.5	15	150	50	30
N0982	42,465	170,095	5.00	1.50	.70	.500	300	100	1,500	1.5	20	150	50	30
N0984	42,190	170,970	2.00	.50	3.00	.150	300	10	3,000	<1.0	5	50	10	<20
N0986	42,155	170,990	1.50	.10	.10	.100	100	15	3,000	<1.0	5	30	20	<20
N0988	42,065	170,990	5.00	1.00	.30	.500	150	100	2,000	1.0	7	150	30	50
N0990	42,040	170,995	5.00	1.00	.20	.300	70	150	1,500	1.0	7	150	30	30
N0992	41,620	170,960	.15	10.00	10.00	.007	200	<10	<20	N	N	N	10	N
N0994	41,525	170,645	.07	>10.00	15.00	<.002	700	N	150	N	N	V	5	V
N0996	41,535	170,675	.07	>10.00	20.00	<.002	300	N	1,000	N	N	V	20	V
N0998	41,575	170,780	.70	>10.00	20.00	.050	300	30	150	<1.0	N	V	7	V
N3151	38,735	169,350	.10	10.00	20.00	<.002	300	N	<20	<1.0	N	V	5	V
N3153	38,800	169,330	.10	10.00	20.00	<.002	300	N	20	<1.0	N	N	<5	V
N3155	38,750	169,295	.20	>10.00	20.00	<.002	500	N	20	<1.0	N	V	7	N
N3157	38,800	169,410	.20	>10.00	20.00	<.002	500	N	<20	<1.0	N	V	5	V
N3159	38,690	169,250	.05	.50	>20.00	.002	70	N	100	<1.0	N	N	<5	V
N3161	38,675	169,270	<.05	.30	>20.00	<.002	150	N	50	N	N	N	<5	N
N3163	38,675	169,325	<.05	.30	>20.00	<.002	300	N	30	<1.0	N	V	<5	V
N3165	38,600	169,420	.05	.50	>20.00	.015	300	N	30	<1.0	N	V	<5	V
N3167	38,550	169,290	<.05	.20	>20.00	<.002	500	N	<20	<1.0	N	V	<5	N
N3169	38,725	168,925	.20	10.00	>20.00	<.002	500	<10	<20	<1.0	N	V	<5	N
N3171	38,550	171,690	.10	.50	>20.00	<.002	150	N	20	<1.0	N	N	<5	N
N3173	38,545	171,680	.20	.50	>20.00	.007	200	<10	50	N	N	V	<5	N
N3175	38,490	171,640	.15	>10.00	20.00	.015	200	<10	<20	<1.0	N	V	<5	N
N3177	38,480	171,710	.15	>10.00	20.00	<.002	500	<10	N	<1.0	N	N	7	N
N3179	38,480	171,740	.07	>10.00	20.00	<.002	200	N	<20	<1.0	N	N	5	N
N3181	39,110	172,300	.10	10.00	20.00	<.002	5,000	<10	150	<1.0	N	V	5	V
N3183	39,095	172,320	<.05	10.00	15.00	N	>5,000	<10	50	<1.0	N	N	<5	N

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	Irst-Hg	AA-Pb	AA-Zn	AA-Ag	CH-As	CH-Sb
N0944	N	N	<5	N	N	N	10	N	N	N	<.02	40	5	N	<10	1
N0946	N	N	<5	N	N	N	15	N	N	N	.02	50	5	N	10	<1
N0948	N	N	N	N	N	N	10	N	N	N	.02	50	5	N	<10	<1
N0950	N	N	N	N	N	N	10	N	N	N	<.02	50	5	N	N	<1
N0952	N	N	<5	N	N	N	<10	N	N	N	<.02	10	<5	N	N	<1
N0954	N	N	<5	N	N	N	<10	N	N	N	<.02	10	<5	N	N	<1
N0956	N	N	5	N	N	N	<10	N	N	N	<.02	10	<5	N	N	1
N0958	N	N	N	N	N	N	10	N	N	N	<.02	50	5	N	N	<1
N0960	N	N	<5	N	N	200	<10	N	N	N	.12	50	<5	N	<10	<1
N0962	N	N	7	N	N	1,000	10	<10	N	N	.04	60	<5	N	<10	<1
N0964	N	N	<5	N	N	300	10	<10	N	N	.02	60	<5	N	60	<1
N0966	N	N	<5	N	N	300	15	<10	N	N	.04	55	10	N	10	<1
N0968	N	N	5	N	N	300	10	10	150	N	<.02	40	10	N	N	<1
N0970	N	N	5	N	N	300	10	<10	50	N	<.02	50	5	N	<10	<1
N0972	N	N	15	N	N	200	30	10	70	N	.10	20	5	N	10	2
N0974	N	N	20	7	N	<100	50	<10	50	N	.06	15	10	N	N	1
N0976	N	N	15	<5	N	N	30	<10	150	N	.04	10	30	N	N	<1
N0978	N	N	15	N	N	N	50	<10	70	N	.06	10	20	N	<10	1
N0980	N	<20	70	15	N	N	150	20	100	N	.04	10	120	N	N	1
N0982	N	<20	70	15	N	100	200	20	150	N	.08	10	120	N	N	1
N0984	N	N	20	<5	N	100	100	15	70	N	.04	10	70	N	N	<1
N0986	N	N	15	<5	N	<100	70	<10	70	N	.04	5	5	N	N	1
N0988	N	<20	100	15	N	<100	300	30	100	N	.12	20	150	N	<10	2
N0990	N	<20	70	15	N	<100	300	20	100	N	.16	15	120	N	<10	2
N0992	N	N	N	N	N	N	<10	N	N	N	.04	55	5	N	<10	N
N0994	15	N	N	N	N	N	<10	N	N	N	<.02	60	5	N	<10	N
N0996	N	<20	N	N	N	N	<10	N	N	N	<.02	55	15	N	<10	N
N0998	N	<20	5	N	N	<100	10	N	N	N	.04	50	40	N	<10	N
N3151	N	N	N	N	N	N	<10	N	N	N	.22	45	50	1-3	10	50
N3153	N	N	N	N	N	N	10	N	N	N	N	95	75	<.5	10	90
N3155	N	N	N	N	N	N	<10	N	N	N	1.00	35	90	<.5	10	15
N3157	N	N	N	N	N	N	10	N	N	N	.45	15	70	N	10	8
N3159	N	N	N	N	N	150	<10	N	N	N	.24	20	100	<.5	<10	4
N3161	N	N	N	N	N	300	<10	N	N	N	.50	20	15	N	<10	3
N3163	N	N	N	N	N	150	<10	N	N	N	.50	10	25	N	<10	2
N3165	N	N	N	N	N	700	<10	N	N	N	.60	10	45	N	<10	4
N3167	N	N	N	7	N	200	<10	N	N	N	.80	10	10	N	10	2
N3169	N	N	N	N	N	N	<10	N	N	N	.60	15	25	N	20	3
N3171	N	N	N	N	N	500	<10	N	N	N	.14	40	15	N	10	4
N3173	N	N	N	N	N	700	<10	N	N	N	.02	N	35	N	20	2
N3175	N	N	N	N	N	<100	<10	N	N	N	>10.00	15	10	N	10	2
N3177	N	N	N	N	N	N	<10	N	N	N	.02	20	160	N	10	2
N3179	N	N	N	N	N	N	<10	N	N	N	.02	20	120	N	10	2
N3181	N	N	N	N	N	N	<10	N	N	N	.90	15	15	N	40	6
N3183	N	N	N	N	N	100	15	N	N	.05	.70	15	30	N	120	2

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgX	S-CaX	S-TiX	S-Mn	S-B	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N3185	39,140	172,480	.10	10.00	20.00	<.002	5,000	N	130	N	N	<13	5	V
N3187	39,155	172,525	.15	>10.00	20.00	.015	1,500	15	130	N	N	15	<5	N
N3189	39,175	172,625	<.05	10.00	20.00	<.002	>5,000	N	50	<1.0	N	V	<5	V
N3195	39,215	172,960	.10	10.00	20.00	<.002	2,000	N	30	<1.0	N	N	7	V
N3197	39,265	172,690	1.50	7.00	20.00	.050	300	20	500	<1.0	N	33	5	V
N3211	39,190	173,070	1.00	.20	.70	.050	300	20	700	2.0	N	<13	<5	<23
N3213	39,145	173,160	1.00	.30	1.00	.100	300	<10	700	2.0	N	<13	5	33
N3215	38,950	173,370	.50	.30	.20	.007	700	15	70	5.0	N	<13	10	N
N3217	39,125	173,300	.30	.07	.10	.010	500	10	130	5.0	N	<13	<5	V
N3219	39,215	173,435	.70	.30	.30	.030	300	10	150	3.0	N	<13	<5	N
N3221	39,240	173,540	.50	.30	.70	.030	300	15	150	2.0	N	<13	<5	N
N3223	39,270	173,675	1.00	.30	.70	.050	300	10	300	1.5	<5	<13	5	33
N3240	39,375	173,550	3.00	1.50	5.00	.500	700	<10	5,000	<1.0	20	153	15	33
N3242	39,355	173,680	5.00	2.00	5.00	.700	700	<10	1,000	<1.0	20	153	30	33
N3244	39,545	173,600	3.00	1.00	3.00	.500	700	<10	2,000	1.0	15	33	5	33
N3246	39,635	173,440	3.00	1.00	3.00	.500	700	<10	1,500	1.0	15	73	5	33
N3248	39,660	173,315	3.00	1.53	3.00	.500	700	<10	1,500	1.0	20	153	7	33
N3250	39,600	173,330	5.00	2.00	5.00	.500	700	<10	1,500	<1.0	20	233	7	33
N3252	39,560	173,420	3.00	1.00	3.00	.500	300	<10	1,500	1.0	15	33	5	33
N3254	39,620	173,540	3.00	1.50	3.00	.500	700	<10	1,500	1.0	20	53	5	33
N3256	39,435	173,420	1.00	.15	1.50	.050	300	10	200	1.5	5	<13	5	23
N3258	39,440	173,330	1.00	.30	1.00	.070	300	15	200	1.5	N	<13	<5	<23
N3268	39,120	173,410	1.50	1.00	15.00	.100	330	15	730	<1.0	7	15	7	23
N3270	39,205	173,030	1.00	.05	.50	.030	200	<10	200	2.0	N	<13	<5	23
N3272	38,985	173,120	1.00	.05	.50	.030	200	<10	200	1.5	N	<13	<5	23
N3274	39,680	173,210	3.00	1.00	2.00	.300	500	<10	1,500	1.0	20	53	5	53
N3276	39,700	173,250	3.00	1.50	2.00	.500	700	<10	1,000	1.0	30	73	5	53
N3278	39,810	173,210	3.00	1.50	1.50	.300	700	10	730	<1.0	30	73	7	33
N3280	39,850	173,110	3.00	1.50	2.00	.500	700	<10	1,500	1.0	30	33	5	73
N3282	39,865	173,030	3.00	1.50	2.00	.500	300	<10	1,500	1.0	30	53	5	73
N3284	39,880	172,950	.50	.05	.10	.030	70	15	1,000	<1.0	5	13	7	N
N3286	39,960	172,670	5.00	2.00	5.00	.300	700	10	1,500	<1.0	30	133	7	73
N3288	40,370	172,620	3.00	2.00	3.00	.300	700	10	1,500	<1.0	30	153	7	73
N3294	39,560	173,710	3.00	1.50	3.00	.300	700	<10	1,500	<1.0	20	53	5	73
N3297	38,485	172,715	.10	10.00	20.00	<.002	500	N	<20	<1.0	N	V	<5	N
N3299	38,480	172,660	.20	10.00	15.00	N	700	N	<20	<1.0	N	V	5	N
N3301	38,470	172,590	.05	5.00	>20.00	<.002	300	<10	<20	<1.0	N	V	<5	N
N3304	38,500	171,950	<.05	10.00	<.002	<.002	150	<10	20	<1.0	N	V	5	N
N3306	38,515	171,940	3.00	1.00	10.00	.100	1,500	<10	330	<1.0	10	33	7	23
N3308	38,530	171,930	.10	.70	>20.00	.002	200	<10	20	<1.0	N	V	<5	N
N3310	38,570	171,930	<.05	.50	>20.00	<.002	200	N	20	N	N	N	<5	N
N3312	40,430	170,535	.50	.07	.50	.015	700	15	100	2.0	N	<10	<5	N
N3314	40,320	170,185	.50	.50	.50	.030	1,500	30	230	5.0	5	<13	<5	<23
N4000	41,580	170,865	.15	1.00	>20.00	.010	100	<10	1,500	<1.0	N	V	<5	V
N4002	41,710	170,930	.10	>10.00	10.00	.002	200	<10	300	N	N	V	10	N

Table 1.--Eureka Nevada Area -- Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-AU	Inst-Hg	AA-Pb	AA-Zn	Al-Ag	CM-As	Ct-Sb
N3185	N	N	N	N	N	100	<10	N	N	N	.90	25	45	<.5	20	6
N3187	N	N	N	N	N	100	15	N	N	N	1.00	25	50	<.5	20	8
N3189	N	N	N	N	N	100	10	N	N	N	.90	550	350	.5	20	15
N3195	N	N	N	N	N	N	30	<10	N	.04	.50	550	30	<.5	20	45
N3197	N	N	N	N	N	1,500	50	10	50	N	.10	20	15	N	80	2
N3211	S	30	<5	<5	N	150	20	15	70	N	.04	10	20	N	10	<1
N3213	N	20	<5	<5	N	150	20	15	150	N	.06	10	20	N	10	1
N3215	N	30	5	<5	N	N	<10	20	70	N	.22	10	20	N	10	1
N3217	N	30	<5	<5	N	N	<10	20	30	N	.02	5	15	N	10	N
N3219	N	20	<5	<5	N	100	<10	15	70	N	N	10	15	N	10	<1
N3221	S	20	<5	<5	N	<100	<10	20	70	N	.08	10	15	N	10	2
N3223	N	20	<5	<5	N	150	10	15	70	N	.06	25	25	N	20	1
N3240	N	<20	7	20	N	700	150	20	200	N	N	10	45	N	10	1
N3242	N	<20	10	20	N	700	150	20	300	N	.14	90	70	N	20	2
N3244	<5	20	7	10	N	700	70	20	200	N	.02	20	15	N	10	N
N3246	<5	20	7	15	N	700	50	20	200	N	N	10	10	N	10	N
N3248	<5	20	10	15	N	500	70	20	150	N	.02	10	10	N	10	N
N3250	<5	20	15	15	N	700	100	20	200	N	N	25	20	N	10	N
N3252	N	<20	5	15	N	700	70	20	150	N	.08	15	35	N	10	N
N3254	N	<20	7	15	N	700	70	20	150	N	.02	20	20	N	10	N
N3256	S	20	<5	5	N	100	<10	20	70	N	.02	20	10	N	10	2
N3258	N	20	<5	5	N	100	10	15	70	N	.04	15	25	N	10	1
N3268	N	N	7	5	N	300	15	15	70	N	.04	20	20	N	10	<1
N3270	N	20	<5	<5	10	100	<10	15	70	N	N	<5	20	N	<10	N
N3272	N	20	<5	<5	10	100	<10	15	70	N	.02	5	15	N	10	N
N3274	N	<20	7	30	N	700	50	20	200	N	.02	30	45	N	10	<1
N3276	<5	20	7	30	N	700	50	20	150	N	N	<5	10	N	10	1
N3278	N	20	10	30	N	700	50	15	150	N	N	10	30	N	20	1
N3280	N	20	5	30	N	700	70	20	200	N	N	10	35	N	N	1
N3282	N	20	7	30	N	700	50	20	200	N	.02	25	55	N	10	1
N3284	N	<20	5	<5	N	300	30	30	70	N	N	20	20	N	20	1
N3286	N	20	10	50	N	700	100	15	200	N	N	20	20	N	10	<1
N3288	N	20	10	50	N	700	70	15	200	N	N	20	15	N	10	2
N3294	N	20	7	30	N	700	50	20	200	N	.02	10	10	N	10	<1
N3297	N	N	N	N	N	N	<10	N	N	N	N	25	30	N	10	2
N3299	N	N	N	N	N	N	<10	N	N	N	.16	5	15	<.5	10	6
N3301	N	N	N	N	N	300	<10	N	N	N	N	20	40	N	10	1
N3304	N	N	N	N	N	N	<10	N	N	N	.08	45	75	<.5	10	5
N3306	N	N	20	70	N	N	20	10	70	N	.02	25	40	N	10	6
N3308	N	N	N	N	N	700	10	N	N	N	.14	15	10	N	<10	1
N3310	N	N	N	N	N	500	<10	N	N	N	.04	15	<5	N	<10	N
N3312	<5	30	<5	<5	10	N	<10	20	50	N	.02	5	10	N	10	<1
N3314	S	50	5	<5	15	<100	10	30	70	N	.02	25	15	N	20	<1
N4000	N	<20	N	N	N	150	<10	N	N	N	.04	50	10	N	<10	<1
N4002	N	<20	N	N	N	N	<10	N	N	N	.06	50	50	N	N	N

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-Z	S-Ba	S-Be	S-Co	S-Cr	S-Cu	S-La
N4004	41,760	170,940	.15	>10.00	10.00	.007	200	10	>5,000	<1.0	N	<10	<5	N
N4006	41,835	170,940	1.00	.30	.50	.150	100	70	700	1.0	N	50	15	N
N4008	41,865	170,955	.70	.50	.20	.100	30	50	700	1.0	N	30	30	N
N4010	42,390	170,750	1.50	.20	.20	.150	50	70	2,000	1.0	N	50	10	N
N4012	42,345	170,760	3.00	.30	.50	.200	200	50	3,000	1.0	7	50	30	N
N4014	38,396	171,146	.10	1.00	20.00	.005	300	N	20	<1.0	N	<10	<5	N
N4016	38,280	171,000	.50	.05	.50	.020	70	10	70	1.0	N	<10	15	N
N4018	38,204	170,948	1.50	.05	.05	.100	30	10	50	<1.0	N	<10	15	N
N4020	38,052	170,738	.20	.70	20.00	.020	200	N	20	N	<5	5	5	N
N4022	38,045	170,650	.50	.70	20.00	.020	150	15	20	<1.0	5	15	<5	N
N4024	38,076	170,590	.07	.02	.50	.010	50	10	20	N	5	<10	15	N
N4026	38,222	170,630	.50	.70	>20.00	.050	200	15	20	N	N	<10	<5	N
N4028	38,262	170,612	<.05	.02	.20	.010	20	N	30	N	N	5	10	N
N4030	38,242	170,572	.50	.50	20.00	.050	300	15	<20	N	N	<10	<5	N
N4032	38,176	170,595	.05	.02	.20	.005	20	N	<20	N	N	5	20	N
N4034	38,352	170,612	.10	<.02	.05	.007	30	N	<20	N	N	30	15	N
N4036	38,556	170,680	.07	1.50	20.00	.002	100	N	50	N	N	<10	5	N
N4038	38,390	170,677	.50	7.00	20.00	<.002	1,500	N	50	N	N	10	10	N
N4040	42,405	168,890	.15	10.00	10.00	.015	300	10	<20	N	N	<10	7	N
N4042	42,450	168,870	.20	10.00	10.00	.015	300	<10	<20	N	N	<10	5	N
N4044	42,525	168,990	.10	1.00	20.00	.010	70	<10	1,000	N	N	5	<5	N
N4046	42,595	169,045	.15	.70	>20.00	.015	20	<10	100	N	N	5	5	N
N4048	42,500	169,210	<.05	.03	1.50	.015	10	N	20	N	N	5	20	N
N4050	42,730	169,150	.30	1.50	>20.00	.020	500	<10	30	N	N	5	<5	N
N4052	42,820	169,150	.50	10.00	10.00	.030	200	10	150	N	N	<10	5	N
N4054	42,780	169,245	1.50	.20	.20	.100	50	10	700	<1.0	5	20	10	20
N4056	42,890	169,205	.20	7.00	15.00	.003	300	N	30	N	N	<10	10	N
N4058	43,005	169,250	<.05	10.00	10.00	<.002	150	N	100	N	N	<10	5	N
N4060	43,075	169,310	<.05	10.00	10.00	<.002	150	N	300	<1.0	N	<10	5	N
N4062	43,060	169,355	.15	3.00	>20.00	.100	30	<10	500	N	N	<10	<5	N
N4064	43,075	169,500	.07	.50	>20.00	.005	10	N	100	N	N	<10	<5	N
N4066	43,145	169,605	.07	1.50	20.00	.003	70	N	70	N	N	<10	<5	N
N4068	43,195	169,725	.70	.70	>20.00	.020	500	10	>5,000	N	N	10	<5	N
N4070	43,250	169,825	.10	.70	>20.00	.007	150	<10	150	<1.0	N	10	<5	N
N4072	43,045	169,200	1.50	7.00	20.00	.100	150	20	500	<1.0	N	30	5	N
N4074	40,770	170,305	.20	10.00	>20.00	.020	70	<10	20	<1.0	N	<10	7	N
N4076	40,800	170,215	.15	5.00	5.00	.010	150	N	<20	N	N	<10	30	N
N4078	40,720	170,155	.05	5.00	5.00	.007	50	N	<20	<1.0	N	5	30	<20
N4080	40,615	170,160	.10	>10.00	10.00	<.002	70	<10	<20	N	N	N	5	N
N4082	40,580	171,250	.10	7.00	7.00	.002	150	<10	<20	N	N	N	5	<20
N4084	40,495	171,245	.10	10.00	15.00	.003	50	<10	<20	<1.0	N	5	5	<20
N4086	40,505	171,165	.15	10.00	10.00	.010	50	10	<20	N	N	10	10	<20
N4088	40,460	171,090	.30	7.00	7.00	.030	1,500	10	500	<1.0	5	N	5	N
N4090	40,495	171,055	1.50	>10.00	20.00	.070	2,000	20	300	1.0	<5	5	10	<20
N4092	40,415	170,945	.15	>10.00	20.00	.002	70	<10	<20	<1.0	5	20	5	<20

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-Y	S-Zr	AA-Au	First-Hg	AA-Pb	AA-Zn	AA-Ag	CH-As	CH-Sb
N4004	N	<20	N	N	N	N	<10	N	N	N	.38	50	10	N	N	<1
N4006	N	<20	15	7	N	<100	50	10	150	N	.04	10	10	N	<10	<1
N4008	N	<20	20	5	N	N	100	15	150	N	.34	10	50	N	N	<1
N4010	7	N	20	5	N	N	70	15	100	N	.22	10	35	N	10	<1
N4012	N	<20	50	7	N	N	100	15	150	N	.35	10	50	N	20	1
N4014	N	N	N	N	N	200	<10	N	N	N	.34	55	<5	N	10	1
N4016	N	N	5	<5	N	N	<10	20	70	N	.34	5	<5	N	10	1
N4018	N	N	5	<5	N	N	10	<10	200	N	.30	10	<5	N	60	25
N4020	N	N	<5	N	N	700	10	<10	10	N	.36	55	35	N	10	2
N4022	N	N	5	N	N	150	15	<10	70	N	.12	50	5	N	20	1
N4024	N	N	5	N	N	N	<10	N	30	N	.16	10	5	N	10	3
N4026	N	N	<5	N	N	300	10	<10	70	N	.22	50	10	N	20	8
N4028	N	N	5	N	N	N	<10	N	30	N	.34	5	<5	N	N	4
N4030	10	N	<5	N	N	300	15	<10	70	N	3.20	50	<5	N	80	4
N4032	N	N	7	N	N	N	<10	N	20	N	.12	5	<5	N	<10	2
N4034	N	N	7	N	N	N	<10	N	20	N	.16	5	<5	N	N	N
N4036	N	N	N	N	N	300	<10	N	10	N	.24	50	<5	N	10	N
N4038	N	N	<5	N	N	N	10	N	N	N	.20	50	40	N	60	2
N4040	N	N	<5	N	N	N	10	N	N	N	.04	50	10	N	<10	N
N4042	N	N	<5	N	N	N	15	N	N	N	<.32	55	20	N	<10	<1
N4044	N	N	N	N	N	200	<10	N	N	N	.02	50	10	N	10	N
N4046	N	N	N	N	N	100	10	N	N	N	<.32	50	<5	N	<10	<1
N4048	N	N	5	N	N	N	<10	N	10	N	.02	<5	<5	N	<10	<1
N4050	N	N	<5	N	N	300	10	N	10	N	.04	50	5	N	<10	<1
N4052	N	N	5	N	N	N	10	N	10	N	.32	50	15	N	10	2
N4054	N	N	15	<5	N	N	50	<10	70	N	.34	10	10	N	<10	1
N4056	N	N	10	N	N	N	15	N	N	N	.12	70	90	N	20	1
N4058	N	N	<5	N	N	N	<10	N	N	N	<.02	50	10	N	<10	<1
N4060	N	N	<5	N	N	N	<10	N	N	N	.02	50	10	N	<10	<1
N4062	N	N	<5	N	N	150	10	N	10	N	.34	50	5	N	10	<1
N4064	N	N	<5	N	N	200	10	N	10	N	.02	60	15	N	N	N
N4066	N	N	N	N	N	200	10	N	<10	N	.32	60	5	N	N	N
N4068	N	N	5	N	N	500	15	<10	N	N	.04	50	5	N	<10	N
N4070	N	N	<5	N	N	300	10	N	10	N	.02	50	5	N	<10	N
N4072	N	N	15	N	N	300	30	15	20	N	.02	40	5	N	10	<1
N4074	N	N	<5	N	N	N	15	N	15	N	.32	45	5	N	10	1
N4076	N	N	5	N	N	N	10	<10	70	N	.04	25	5	N	<10	<1
N4078	N	<20	<5	N	N	N	<10	<10	10	N	.02	30	<5	N	N	<1
N4080	N	N	<5	N	N	N	15	<10	N	N	<.02	50	<5	N	N	N
N4082	N	N	<5	N	N	N	15	<10	10	N	<.02	50	<5	N	N	N
N4084	N	N	<5	N	N	<100	15	N	20	N	<.02	50	<5	N	N	N
N4086	N	<20	<5	N	N	N	30	N	10	N	<.02	55	<5	N	N	<1
N4088	N	N	5	<5	N	N	20	N	20	N	.02	45	5	N	N	<1
N4090	N	<20	7	<5	N	N	50	<10	30	N	<.02	55	15	N	<10	1
N4092	N	<20	N	N	N	N	10	N	10	N	.02	50	5	N	<10	N

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	X-Coord.	Y-Coord.	S-FeX	S-MgX	S-CaX	S-TiX	S-Mn	S-Z	S-Ba	S-Be	S-Co	S-Zr	S-Cu	S-Li
N4094	40,305	170,825	.05	10.00	15.00	<.002	70	N	N	<1.0	N	V	20	<20
N4096	41,505	169,690	.15	>10.00	20.00	<.002	200	N	N	<1.0	N	V	5	<20
N4098	41,405	169,700	.15	7.00	7.00	.003	70	N	N	<1.0	N	N	<5	<20
N4100	41,380	169,640	1.00	10.00	>20.00	.070	300	20	150	<1.0	N	N	7	<20
N4102	41,340	169,635	.10	1.50	>20.00	<.002	50	N	5,000	<1.0	N	10	<5	V
N4104	41,250	169,645	.15	10.00	20.00	.002	500	15	>5,000	N	N	10	7	<20
N4106	41,325	169,750	.05	>10.00	15.00	N	50	<10	70	<1.0	N	10	5	<20
N4108	41,290	169,835	.07	>10.00	15.00	<.002	50	<10	<20	<1.0	N	10	5	<20
N4110	41,210	169,885	.15	10.00	15.00	.015	30	10	<20	<1.0	N	<10	5	<20
N4112	41,150	169,880	.05	7.00	15.00	<.002	300	N	100	<1.0	N	<10	7	<20
N4114	41,050	169,970	.07	10.00	20.00	<.002	300	N	20	<1.0	N	V	7	<20
N4116	40,930	170,015	.20	10.00	15.00	.020	300	10	20	N	N	V	7	V
N4118	40,985	170,030	1.50	7.00	15.00	.150	300	50	70	<1.0	N	30	10	20
N4120	40,885	169,945	.05	>10.00	15.00	<.002	50	N	<20	N	N	<10	5	V
N4122	38,794	173,236	.15	.70	20.00	.050	150	15	100	<1.0	N	<10	7	20
N4124	38,680	173,202	.07	.30	20.00	<.002	500	N	<20	N	N	<10	5	V
N4126	38,622	173,272	.20	.20	20.00	.020	1,500	<10	300	<1.0	N	<10	7	V
N4128	38,670	170,576	.30	10.00	20.00	.015	500	10	20	<1.0	N	<10	7	20
N4130	38,683	170,580	.15	>10.00	20.00	<.002	500	<10	<20	<1.0	N	<10	5	V
N4132	38,704	170,610	.50	1.00	20.00	.020	50	<10	700	<1.0	N	<10	7	<20
N4134	38,726	170,614	.15	1.50	>20.00	.015	100	<10	30	N	N	<10	5	V
N4136	38,754	170,634	2.00	2.00	>20.00	.100	700	<10	2,000	N	N	<10	7	V
N4138	38,802	170,641	1.00	1.50	>20.00	.050	200	<10	30	<1.0	N	<10	<5	V
N4140	38,886	170,620	1.00	1.50	>20.00	.050	200	<10	150	N	N	<10	7	V
N4142	38,898	170,660	.50	.70	20.00	.015	200	10	<20	<1.0	N	V	7	V
N4144	38,897	170,671	.10	7.00	10.00	.005	500	10	<20	N	N	V	<5	V
N4146	38,933	170,718	.15	1.50	20.00	.015	700	<150	<20	<1.0	N	N	5	N
N4148	38,982	170,741	3.00	1.00	.50	.300	700	150	150	2.0	15	70	15	30

Table 1.--Eureka Nevada Area - Rock Geochemical Analyses--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-Y	S-Zr	AA-Au	Irst-Hg	AA-Pb	AA-Zn	AA-Ag	CM-As	CY-Sb
N4094	N	<20	N	N	N	N	N	N	N	<.02	50	<5	N	<10	N
N4096	N	<20	N	N	N	N	N	N	N	.02	60	15	N	<10	<1
N4098	N	<20	N	N	N	N	<10	20	N	.02	20	<5	N	N	<1
N4100	N	<20	5	<5	N	150	<10	20	N	.02	50	40	N	10	<1
N4102	N	N	<5	N	N	150	10	10	N	<.02	60	5	N	30	<1
N4104	N	N	N	N	N	200	<10	N	N	<.02	60	60	N	N	<1
N4106	N	N	N	N	N	N	<10	N	N	<.02	60	10	N	<10	<1
N4108	N	N	<5	N	N	N	<10	N	N	.02	50	<5	N	10	<1
N4110	N	N	<5	N	N	15	N	N	N	<.02	50	<5	N	10	N
N4112	N	<20	<5	N	N	N	15	N	N	<.02	50	10	N	N	N
N4114	N	<20	<5	N	N	N	10	N	N	<.02	50	10	N	<10	<1
N4116	N	<20	<5	N	N	N	15	<10	N	.02	50	<5	N	30	1
N4118	N	N	15	5	N	150	20	30	N	.04	50	10	N	<10	<1
N4120	N	<20	<5	N	N	N	<10	N	N	<.02	50	5	N	10	N
N4122	N	<20	5	<5	N	200	15	100	N	.40	35	5	N	<10	N
N4124	N	N	N	N	N	300	10	N	N	.16	200	90	1.0	10	<1
N4126	N	<20	<5	N	N	300	20	<10	N	.35	70	30	1.0	20	2
N4128	N	<20	5	N	N	N	15	<10	N	.60	140	180	N	20	2
N4130	N	<20	N	N	N	N	15	N	N	.75	55	15	N	20	2
N4132	N	<20	10	N	N	1,000	70	10	N	.06	45	10	N	10	<1
N4134	N	<20	<5	N	N	1,000	10	10	N	.10	50	<5	N	<10	<1
N4136	N	N	7	<5	N	1,000	10	30	N	.02	45	5	N	<10	<1
N4138	20	N	5	N	N	1,500	15	10	N	<.02	45	5	N	10	N
N4140	N	N	7	N	N	1,000	10	10	N	<.02	40	5	N	N	N
N4142	N	N	N	N	N	700	<10	N	N	.02	50	5	N	20	<1
N4144	N	N	N	N	N	N	10	N	N	.45	50	25	N	10	<1
N4146	N	N	N	N	N	300	<10	N	N	.50	50	35	N	10	<1
N4148	N	N	30	10	N	N	70	70	N	.12	20	70	N	30	5

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0002FIN	38,864	173,300	5.00	1.00	1.50	.700	1,000	20	1,000	2.0	N	N	15	70	30	50
CRS	38,864	173,300	2.00	.70	1.00	.300	1,500	20	1,000	2.0	N	N	10	30	50	30
N0008FIN	38,855	173,298	5.00	1.50	1.50	.500	1,000	30	1,500	3.0	N	N	15	70	50	70
CRS	38,855	173,298	2.00	.50	.70	.300	1,000	20	700	2.0	N	N	10	30	20	20
N0015FIN	38,862	173,227	5.00	1.00	1.00	.500	1,500	50	1,000	3.0	N	N	10	70	70	70
CRS	38,862	173,227	3.00	.20	1.00	.100	5,000	20	700	5.0	N	N	5	10	20	50
N0017FIN	38,942	173,235	5.00	1.00	1.00	.500	1,000	30	1,000	3.0	N	N	15	70	20	70
CRS	38,942	173,235	2.00	.30	.70	.200	1,000	10	1,000	3.0	N	N	5	10	10	70
N0019FIN	38,934	173,238	5.00	1.50	1.50	.500	1,000	30	1,500	3.0	N	N	15	70	50	70
CRS	38,934	173,238	1.50	.50	1.50	.200	500	10	700	2.0	N	N	N	10	15	30
N0027FIN	38,402	172,854	5.00	1.00	1.00	.700	1,500	50	1,500	3.0	N	N	15	100	70	70
CRS	38,402	172,854	1.50	.30	.07	.700	500	100	500	1.5	10	N	N	70	30	70
N0033FIN	38,392	172,846	5.00	1.00	2.00	.700	2,000	50	1,500	2.0	N	N	20	50	100	70
CRS	38,392	172,846	2.00	.30	.15	.300	1,000	70	500	1.0	10	N	10	50	100	20
N0039FIN	38,485	172,755	5.00	5.00	10.00	.500	1,500	30	700	2.0	N	N	10	50	20	50
CRS	38,485	172,755	2.00	7.00	20.00	.030	1,500	N	50	N	70	N	N	N	100	N
N0047FIN	38,487	172,771	5.00	3.00	5.00	.300	1,000	50	500	2.0	N	50	10	30	100	20
CRS	38,487	172,771	7.00	7.00	20.00	.030	700	10	20	N	N	50	N	150	N	N
N0049FIN	38,498	172,807	5.00	2.00	7.00	.300	3,000	20	700	3.0	30	N	20	N	200	20
CRS	38,498	172,807	10.00	5.00	15.00	.020	2,000	N	200	2.0	70	N	20	N	500	N
N0051FIN	38,497	172,820	10.00	3.00	5.00	.300	1,500	30	700	3.0	N	N	10	50	500	N
CRS	38,497	172,820	15.00	5.00	10.00	.200	3,000	15	500	2.0	N	N	10	N	300	N
N0058FIN	38,493	172,839	10.00	1.50	2.00	.500	1,000	50	1,000	3.0	N	N	10	70	100	70
CRS	38,493	172,839	10.00	1.50	1.50	.300	1,500	50	1,500	5.0	N	N	10	20	70	50
N0060FIN	38,489	172,851	7.00	1.50	2.00	.500	1,000	50	1,500	3.0	N	N	10	70	50	50
CRS	38,489	172,851	7.00	1.00	1.50	.500	1,000	50	1,500	3.0	N	N	10	10	15	70
N0063FIN	38,487	172,872	15.00	10.00	15.00	.030	2,000	10	N	N	N	N	15	N	500	N
CRS	38,487	172,872	>20.00	7.00	7.00	.020	5,000	15	20	N	N	N	70	N	1,500	N
N0067FIN	38,451	172,991	5.00	3.00	10.00	.300	2,000	30	700	2.0	N	N	10	N	100	50
CRS	38,451	172,991	.70	10.00	20.00	.030	1,000	N	50	N	N	N	N	N	5	N
N0073FIN	38,482	172,966	5.00	2.00	7.00	.500	2,000	20	1,500	3.0	N	N	15	50	70	50
CRS	38,482	172,966	1.50	2.00	>20.00	.100	1,500	N	1,000	N	N	50	N	20	7	N
N0089FIN	38,545	172,838	5.00	1.00	1.00	.500	1,000	50	1,000	3.0	N	N	15	70	100	50
CRS	38,545	172,838	5.00	.70	.50	.700	700	50	500	1.0	N	N	10	50	100	20
N0091FIN	38,606	172,740	5.00	1.00	1.00	1.000	500	30	500	2.0	N	N	10	70	50	50
CRS	38,606	172,740	5.00	.50	.20	1.000	300	70	200	3.0	10	N	10	70	70	30
N0093FIN	38,422	172,616	3.00	2.00	15.00	.500	1,500	30	700	1.0	N	50	10	50	20	30
CRS	38,422	172,616	1.50	2.00	>20.00	.050	1,500	N	70	N	N	N	10	N	10	N
N0101FIN	38,398	172,639	7.00	1.50	5.00	.300	2,000	15	300	2.0	N	N	15	70	100	50
CRS	38,398	172,639	10.00	2.00	15.00	.300	3,000	<10	70	<1.0	N	N	20	100	100	50

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0002FIN	N	15	30	15	N	300	150	N	30	300	<.04	.13	170	90	<.2	20	10
CRS	N	10	20	7	N	200	100	N	15	150	<.04	.16	70	45	<.2	10	5
N0008FIN	N	10	50	20	N	500	200	N	30	500	<.04	.14	100	85	.4	10	4
CRS	N	15	20	10	N	150	100	N	15	150	<.04	.14	70	55	.2	10	3
N0015FIN	10	10	30	15	20	300	150	N	30	300	.08	.40	1,200	230	4.0	100	20
CRS	N	15	30	5	N	N	70	N	20	70	<.04	4.00	850	230	3.0	60	15
N0017FIN	N	20	30	15	N	300	200	N	30	300	<.04	.12	90	80	.4	10	4
CRS	N	20	20	5	N	100	50	N	30	150	<.04	.03	30	40	<.2	<10	<1
N0019FIN	N	15	30	15	N	500	200	N	50	300	<.04	.12	160	90	.4	30	5
CRS	N	10	10	N	N	100	50	N	20	200	<.04	.04	40	45	<.2	<10	<1
N0027FIN	10	20	50	20	N	300	200	N	30	500	<.04	.18	150	190	1.5	20	20
CRS	30	10	10	10	N	N	100	N	30	1,000	<.04	.07	70	120	.8	20	40
N0033FIN	10	10	50	15	N	200	150	N	30	500	<.04	.16	110	220	3.0	20	20
CRS	20	10	30	10	N	N	70	N	15	500	<.04	.16	80	160	1.5	60	40
N0039FIN	7	N	20	10	N	300	150	N	20	200	<.04	1.10	40	260	1.0	10	10
CRS	20	N	N	N	N	100	20	N	N	N	<.04	.50	30	120	.2	30	50
N0047FIN	10	10	20	10	N	200	150	N	30	200	<.04	.60	65	4,800	.8	N	10
CRS	20	10	N	N	N	N	20	N	N	N	<.04	.40	25	2,700	.2	10	4
N0049FIN	30	10	30	10	N	200	100	50	20	200	<.04	.80	280	1,700	4.5	30	60
CRS	100	10	20	N	N	N	20	100	N	N	.05	.70	200	2,800	2.0	100	150
N0051FIN	10	15	20	10	N	200	100	70	20	200	<.04	.12	80	200	.6	<10	15
CRS	10	15	5	5	N	150	70	100	15	70	<.04	.12	40	100	.2	10	15
N0058FIN	10	15	20	15	N	200	150	N	30	300	.15	.09	40	160	.2	40	15
CRS	10	15	15	15	N	200	150	50	20	200	<.04	.06	30	100	.2	80	15
N0060FIN	15	15	20	15	N	300	150	N	30	300	.06	.07	50	95	.6	10	8
CRS	20	15	10	15	N	500	150	50	20	300	<.04	.04	25	60	.4	20	5
N0063FIN	20	20	5	N	N	N	30	N	N	N	<.04	.04	25	30	1.5	<10	3
CRS	30	20	5	N	N	N	20	N	N	N	<.04	.06	40	35	1.5	10	2
N0067FIN	N	N	30	10	50	300	200	N	20	200	.20	1.10	1,800	800	4.0	250	90
CRS	N	N	N	N	N	N	30	N	N	10	<.04	.40	280	160	.2	20	8
N0073FIN	N	N	50	15	20	200	200	N	20	150	.10	.70	1,600	800	3.5	250	70
CRS	N	15	15	15	N	100	200	N	N	50	.04	.30	600	240	.4	10	15
N0089FIN	N	20	30	15	N	200	150	N	20	300	<.04	.12	45	500	2.0	10	15
CRS	30	10	15	10	N	100	100	70	15	500	<.04	.04	70	200	2.0	20	35
N0091FIN	N	15	30	20	N	200	200	50	30	300	<.04	.06	35	60	.6	60	15
CRS	N	15	20	20	N	100	200	70	20	200	<.04	.04	45	40	.8	150	20
N0093FIN	N	N	20	10	N	300	100	N	20	100	<.04	.20	90	220	1.0	N	15
CRS	N	N	N	N	N	700	30	N	N	N	<.04	.10	110	140	.4	<10	30
N0101FIN	5	10	50	15	N	150	70	50	15	100	<.04	.07	40	95	.4	10	6
CRS	15	15	50	15	N	100	100	300	20	100	<.04	.04	20	50	.6	10	1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Re	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0109FIN	38,388	172,645	7.00	2.00	3.00	.300	1,500	30	500	2.0	N	N	20	70	70	30
CRS	38,388	172,645	10.00	3.00	15.00	.200	2,000	10	150	1.0	N	N	15	150	50	30
N0111FIN	38,324	172,665	5.00	5.00	15.00	.300	700	15	700	1.0	N	N	15	50	70	N
CRS	38,324	172,665	1.50	3.00	20.00	.100	200	N	200	N	N	N	N	20	15	N
N0119FIN	38,316	172,650	3.00	5.00	20.00	.200	700	15	1,000	1.0	N	N	10	70	50	N
CRS	38,316	172,650	2.00	5.00	20.00	.150	1,000	<10	300	<1.0	N	N	7	50	50	N
N0121FIN	38,272	172,642	5.00	1.50	2.00	.700	1,500	50	1,500	2.0	10	N	20	70	100	70
CRS	38,272	172,642	5.00	.50	.20	.700	700	70	500	1.5	N	N	15	50	70	50
N0123FIN	38,190	172,247	5.00	1.00	1.50	.500	1,500	50	700	3.0	N	N	20	70	70	70
CRS	38,190	172,247	7.00	1.00	.30	.700	1,500	150	700	5.0	N	N	50	150	50	100
N0125FIN	38,192	172,226	7.00	1.50	1.00	.500	1,000	70	700	5.0	N	N	20	100	50	70
CRS	38,192	172,226	7.00	1.00	.70	.500	1,000	150	700	3.0	N	N	20	100	50	70
N0127FIN	38,240	172,200	5.00	5.00	10.00	.500	2,000	20	700	3.0	N	N	10	70	50	50
CRS	38,240	172,200	1.00	10.00	20.00	.020	1,500	N	<20	N	N	N	N	10	10	N
N0129FIN	38,457	172,254	5.00	1.50	5.00	.500	1,500	50	1,000	3.0	N	N	15	70	30	50
CRS	38,457	172,254	1.00	1.50	>20.00	.100	700	<10	200	1.0	N	N	N	20	7	N
N0131FIN	38,464	172,248	3.00	3.00	5.00	.300	2,000	50	700	3.0	N	N	10	70	50	30
CRS	38,464	172,248	1.50	5.00	15.00	.070	700	<10	100	1.0	N	N	N	30	50	N
N0133FIN	38,524	172,208	3.00	1.00	2.00	.500	700	50	500	2.0	N	N	15	50	70	50
CRS	38,524	172,208	3.00	1.50	5.00	.300	300	50	700	2.0	N	N	15	50	100	30
N0135FIN	38,536	172,189	5.00	1.50	2.00	.500	1,500	50	700	2.0	N	N	15	50	100	50
CRS	38,536	172,189	3.00	.70	5.00	.300	500	50	700	2.0	N	N	10	50	70	50
N0137FIN	38,532	172,275	5.00	1.50	1.50	.500	1,000	50	700	5.0	N	N	20	70	70	70
CRS	38,532	172,275	5.00	2.00	5.00	.300	700	50	700	1.0	N	N	30	150	70	70
N0139FIN	38,523	172,289	7.00	2.00	1.50	.500	1,500	70	1,000	3.0	N	N	30	100	100	70
CRS	38,523	172,289	10.00	3.00	.70	.700	700	100	700	3.0	N	N	50	200	50	70
N0141FIN	38,565	172,290	5.00	2.00	7.00	.500	2,000	50	500	2.0	N	N	10	50	50	30
CRS	38,565	172,290	1.00	5.00	20.00	.100	700	10	50	N	N	N	N	30	20	N
N0143FIN	38,626	172,316	3.00	1.00	1.00	.700	1,500	100	1,000	3.0	N	N	15	70	100	70
CRS	38,626	172,316	3.00	.30	.10	.500	1,000	100	500	1.0	N	N	15	30	100	50
N0145FIN	38,866	172,922	2.00	.70	10.00	.300	500	70	200	2.0	N	N	N	50	10	N
CRS	38,866	172,922	1.50	.50	10.00	.200	500	100	70	1.0	N	N	N	50	15	N
N0148FIN	38,910	172,901	3.00	1.00	5.00	.500	1,000	70	500	3.0	N	N	7	70	15	N
CRS	38,910	172,901	2.00	.70	10.00	.300	1,000	50	200	2.0	N	N	5	50	15	N
N0150FIN	39,036	172,705	3.00	1.00	2.00	.500	1,000	70	500	3.0	N	N	15	70	20	30
CRS	39,036	172,705	3.00	.70	2.00	.500	1,000	70	300	2.0	N	N	15	50	20	30
N0152FIN	39,053	172,705	3.00	1.00	1.50	.500	1,500	50	300	2.0	N	N	10	70	20	50
CRS	39,053	172,705	3.00	.50	5.00	.300	2,000	50	500	1.5	N	N	10	50	15	30
N0154FIN	39,036	172,440	3.00	1.00	1.00	.500	1,000	50	1,500	3.0	N	N	10	70	70	50
CRS	39,036	172,440	1.50	.15	.15	.100	500	20	700	N	N	N	N	N	10	N

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Rg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Ag	CH-Sb
N0109FIN	N	10	50	20	N	300	150	N	20	100	<.04	-.09	60	160	.6	10	10
CRS	N	10	50	10	N	300	100	N	15	50	<.04	-.04	25	55	.4	10	<1
N0111FIN	N	10	50	10	N	500	200	N	15	150	<.04	-.55	80	520	1.0	<10	10
CRS	N	10	10	N	N	1,000	70	N	N	20	<.04	-.09	60	210	.2	10	8
N0119FIN	N	N	50	7	N	700	150	N	15	100	<.04	-.09	50	350	1.5	<10	6
CRS	N	N	30	5	N	700	150	N	10	50	<.04	-.03	50	220	.4	10	10
N0121FIN	N	15	30	20	N	300	200	N	50	300	.04	-.22	150	450	6.5	20	80
CRS	N	20	20	15	N	N	150	50	30	700	.04	-.12	240	290	3.5	150	200
N0123FIN	N	10	70	20	N	200	200	N	50	200	.04	-.12	60	110	.8	100	25
CRS	N	15	100	20	N	N	200	N	50	300	.04	-.07	60	90	.6	150	35
N0125FIN	N	15	50	20	N	200	200	N	50	200	.04	-.09	55	85	1.0	150	20
CRS	N	15	50	20	N	100	200	N	50	200	.04	-.07	60	70	.8	200	25
N0127FIN	N	N	20	15	N	200	100	N	20	200	<.04	-.26	390	400	13.5	10	150
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.15	170	150	4.0	20	80
N0129FIN	N	N	30	15	N	200	200	N	20	200	.04	1.00	220	400	1.0	<10	40
CRS	N	N	5	N	N	200	50	N	N	50	.05	-.50	120	160	.8	15	15
N0131FIN	N	N	30	10	N	200	150	N	20	150	.06	2.20	400	1,000	3.0	20	150
CRS	N	N	5	N	N	N	70	N	N	30	.04	2.20	250	480	1.5	30	100
N0133FIN	15	N	50	10	N	200	200	N	20	200	<.04	-.45	80	210	.6	10	15
CRS	30	N	70	10	N	150	300	N	15	100	<.04	-.24	70	130	.2	20	10
N0135FIN	10	N	50	15	N	150	200	N	30	200	<.04	-.24	90	250	.6	10	15
CRS	20	N	70	10	N	100	500	N	15	70	<.04	-.24	85	260	.6	20	30
N0137FIN	N	10	50	20	N	200	200	N	30	150	<.04	-.07	60	140	.4	10	15
CRS	5	10	70	20	N	200	200	N	20	70	<.04	-.07	35	90	.6	10	5
N0139FIN	N	15	70	20	N	200	200	50	50	200	<.04	-.16	110	150	.6	10	20
CRS	N	15	70	30	N	N	200	N	20	150	<.04	-.07	45	100	.4	10	2
N0141FIN	N	N	30	10	N	150	150	N	20	200	<.04	-.50	300	1,400	3.5	20	60
CRS	N	N	10	N	N	N	70	N	10	30	<.04	-.35	190	480	2.5	20	35
N0143FIN	N	20	30	20	N	200	150	N	50	700	<.04	-.18	150	290	1.0	30	25
CRS	N	15	30	10	N	N	100	N	70	700	<.04	-.09	130	170	1.5	100	15
N0145FIN	N	N	15	5	N	100	100	N	15	300	<.04	.24	20	40	.4	<10	3
CRS	N	N	10	N	N	N	100	N	15	300	<.04	-.35	20	20	.2	20	2
N0148FIN	N	N	20	10	N	150	150	N	20	300	<.04	-.30	30	60	N	20	4
CRS	N	N	20	10	N	150	100	N	20	200	<.04	-.35	30	40	.2	20	3
N0150FIN	N	N	30	15	N	200	150	N	20	300	<.04	-.20	40	90	<.2	30	6
CRS	N	N	30	15	N	200	100	N	20	200	<.04	-.26	30	80	.2	100	6
N0152FIN	N	N	30	10	N	200	100	N	30	300	<.04	-.24	95	110	<.2	60	15
CRS	N	N	30	5	N	150	100	N	20	200	.04	-.45	70	120	.4	250	25
N0154FIN	N	15	30	15	N	500	150	N	20	300	.04	-.22	40	60	.4	60	15
CRS	N	10	10	N	N	200	50	N	N	300	.04	-.12	15	30	<.2	40	15

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0158FIN	39,056	172,431	3.00	1.00	2.00	.500	700	20	700	1.0	N	N	10	50	20	50
CRS	39,056	172,431	1.00	.15	.20	.100	300	10	200	N	N	N	5	15	10	N
N0158FIN	38,866	172,267	3.00	1.00	2.00	.500	2,000	70	500	3.0	N	N	15	50	20	30
CRS	38,866	172,267	3.00	1.00	20.00	.300	1,500	30	300	1.0	N	N	15	70	10	30
N0160FIN	38,867	172,256	5.00	1.00	2.00	.500	1,500	50	500	5.0	N	N	10	50	20	50
CRS	38,867	172,256	7.00	.50	20.00	.200	1,000	30	200	3.0	N	N	10	50	15	N
N0162FIN	38,822	172,302	5.00	1.00	2.00	.700	1,000	70	500	3.0	N	N	10	70	20	70
CRS	38,822	172,302	5.00	1.00	2.00	.500	1,000	100	300	3.0	N	N	10	70	10	70
N0170FIN	38,810	172,300	5.00	1.00	2.00	.500	700	70	500	3.0	N	N	15	50	20	50
CRS	38,810	172,300	3.00	.70	10.00	.300	500	100	300	2.0	N	N	10	50	15	50
N0180FIN	38,753	172,276	3.00	7.00	15.00	.300	1,500	70	500	1.0	N	N	10	50	20	20
CRS	38,753	172,276	2.00	7.00	10.00	.300	1,000	150	500	<1.0	N	N	10	50	10	30
N0182FIN	38,749	172,259	3.00	5.00	10.00	.200	2,000	20	300	1.5	N	N	7	50	20	20
CRS	38,749	172,259	.70	10.00	15.00	.015	700	N	N	N	N	N	N	20	15	N
N0184FIN	38,925	172,323	3.00	1.00	2.00	.500	700	70	500	3.0	N	N	15	50	20	50
CRS	38,925	172,323	2.00	.70	10.00	.300	700	70	300	3.0	N	N	10	50	15	50
N0186FIN	38,560	171,780	3.00	1.50	1.50	.500	1,000	50	700	2.0	N	N	10	70	20	70
CRS	38,560	171,780	5.00	1.00	10.00	.300	1,000	30	500	2.0	N	N	10	70	20	50
N0188FIN	38,501	171,812	3.00	5.00	10.00	.500	2,000	20	300	2.0	N	N	10	50	70	30
CRS	38,501	171,812	1.50	10.00	20.00	.050	500	N	30	<1.0	N	N	N	20	150	N
N0190FIN	38,492	171,815	3.00	5.00	10.00	.300	1,500	20	500	2.0	N	N	10	70	70	30
CRS	38,492	171,815	1.50	10.00	15.00	.020	500	N	<20	N	<10	N	N	20	150	N
N0192FIN	38,515	171,830	5.00	2.00	5.00	.500	2,000	50	700	3.0	N	N	20	70	70	30
CRS	38,515	171,830	5.00	2.00	3.00	.500	1,500	50	500	2.0	N	N	15	100	70	50
N0194FIN	38,516	171,825	5.00	3.00	3.00	.500	2,000	30	700	2.0	N	N	15	50	70	30
CRS	38,516	171,825	5.00	2.00	2.00	.500	1,000	70	300	1.0	N	N	20	150	150	50
N0196FIN	38,534	171,815	5.00	1.00	2.00	.500	1,000	50	700	3.0	N	N	15	100	30	70
CRS	38,534	171,815	5.00	.70	1.00	.700	700	50	700	3.0	N	N	15	70	10	30
N0198FIN	38,541	171,815	5.00	1.00	1.50	.700	1,000	50	700	2.0	N	N	20	100	15	50
CRS	38,541	171,815	5.00	.70	5.00	.500	500	70	500	3.0	N	N	15	100	15	100
N0200FIN	38,564	171,852	5.00	2.00	10.00	.200	1,500	50	500	2.0	100	20	7	70	200	N
CRS	38,564	171,852	2.00	2.00	>20.00	.100	1,500	10	500	N	30	N	N	30	30	N
N0202FIN	38,701	171,857	3.00	1.00	2.00	.500	700	50	500	2.0	N	N	10	100	15	50
CRS	38,701	171,857	5.00	1.00	5.00	.500	1,000	50	500	3.0	N	N	15	100	20	50
N0204FIN	38,716	171,865	3.00	1.00	3.00	.500	700	50	500	2.0	N	N	15	100	20	50
CRS	38,716	171,865	5.00	1.00	7.00	.500	700	70	300	2.0	N	N	15	150	30	50
N0206FIN	38,761	171,855	2.00	7.00	20.00	.200	1,500	20	500	2.0	N	N	5	70	20	N
CRS	38,761	171,855	.70	10.00	>20.00	.050	1,000	N	20	N	N	N	N	50	20	N
N0209FIN	38,876	171,834	5.00	3.00	5.00	.300	1,500	50	500	1.0	N	N	20	100	100	30
CRS	38,876	171,834	7.00	3.00	3.00	.500	1,000	70	300	1.0	N	N	30	150	100	50

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, areas—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Str	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0156FIN	5	N	20	10	N	300	200	N	20	300	N	.08	55	55	N	20	8
CRS	N	N	7	N	N	<100	50	N	N	100	N	.26	20	25	N	10	5
N0158FIN	N	N	30	15	N	200	100	N	20	500	<.04	.22	50	130	<.2	30	8
CRS	N	N	30	10	N	300	100	N	20	100	<.04	.18	40	50	<.2	30	6
N0160FIN	N	N	17	15	N	300	150	N	30	200	<.04	.30	140	140	.2	40	15
CRS	10	N	50	10	N	300	100	N	10	70	.05	.24	45	70	.2	80	30
N0162FIN	N	N	30	15	N	500	150	N	30	200	<.04	.35	45	80	.4	100	6
CRS	N	N	30	15	N	500	150	N	30	200	<.04	.30	35	70	.2	100	5
N0170FIN	N	N	30	15	N	300	100	N	20	300	<.04	.16	110	100	<.2	<10	10
CRS	N	N	20	10	N	300	100	N	20	200	<.04	.05	30	50	<.2	20	6
N0180FIN	N	N	30	10	N	200	150	N	15	70	.10	.80	100	160	<.2	40	10
CRS	N	N	30	10	N	150	100	N	10	100	.06	.80	50	70	.6	200	5
N0182FIN	N	N	20	10	N	150	150	N	15	100	.06	1.60	330	340	.4	20	15
CRS	N	N	N	N	N	N	70	N	N	N	.04	3.00	110	90	<.2	20	8
N0184FIN	7	N	30	15	N	300	150	N	20	300	<.04	.24	45	90	<.2	20	5
CRS	15	N	30	7	N	200	100	N	20	200	<.04	.18	30	70	<.2	30	4
N0186FIN	N	N	50	15	N	150	100	N	20	200	<.04	.12	130	170	.8	10	15
CRS	N	N	30	10	20	200	100	N	20	100	.05	.10	160	170	.8	20	25
N0188FIN	N	N	30	10	30	150	150	N	20	150	<.04	.40	960	1,200	4.0	N	25
CRS	N	N	5	N	50	N	50	N	N	20	<.04	.40	800	900	1.0	40	45
N0190FIN	N	N	30	10	50	150	200	N	20	100	.04	.24	800	1,200	3.5	20	35
CRS	N	N	N	N	20	N	30	N	N	N	.04	.28	760	900	1.5	30	50
N0192FIN	N	10	50	15	20	200	150	N	30	200	.04	.35	450	700	2.5	10	15
CRS	N	10	50	15	150	100	150	N	20	150	<.04	.09	300	480	1.0	20	15
N0194FIN	N	10	50	15	20	200	150	N	30	200	<.04	.16	450	680	3.0	10	15
CRS	N	10	70	20	N	N	200	N	15	150	<.04	.12	250	300	.8	20	10
N0196FIN	N	10	50	15	N	300	200	N	50	300	<.04	.12	110	140	.8	20	15
CRS	N	10	30	15	N	100	200	N	20	500	<.04	.12	55	95	.2	N	15
N0198FIN	N	10	50	15	N	300	200	N	50	300	<.04	.12	110	180	1.0	10	15
CRS	N	10	50	15	N	100	150	N	30	300	<.04	.08	100	140	1.5	10	20
N0200FIN	5	N	20	7	100	200	100	N	15	100	.35	1.50	4,800	30,000	6.0	60	200
CRS	N	N	10	N	20	300	30	N	10	20	.10	.80	1,100	900	3.5	300	50
N0202FIN	N	N	30	15	N	200	100	N	20	200	<.04	.13	65	110	<.2	20	8
CRS	N	N	30	15	N	200	150	N	30	150	.04	.15	90	120	<.2	20	10
N0204FIN	N	N	30	15	N	200	150	N	30	200	<.04	.14	50	100	<.2	10	8
CRS	N	N	50	15	N	150	150	N	20	100	<.04	.05	35	75	<.2	10	3
N0206FIN	N	N	15	5	N	200	100	N	10	70	.06	.50	140	160	.4	10	40
CRS	N	N	5	N	N	100	50	N	N	N	.04	.50	55	40	<.2	10	10
N0209FIN	N	10	50	15	N	100	150	N	20	100	<.04	.70	650	500	1.5	40	45
CRS	N	10	70	20	N	N	200	N	20	150	.04	.12	85	120	.6	10	5

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0211FIN	38,874	171,946	5.00	2.00	1.50	.300	1,500	50	500	1.5	N	N	30	100	50	50
CRS	38,874	171,946	5.00	2.00	.30	.300	700	70	300	2.0	N	N	15	100	20	50
N0213FIN	38,930	171,946	5.00	1.00	2.00	.500	1,000	100	700	5.0	N	N	20	100	20	30
CRS	38,930	171,946	5.00	1.00	1.00	.500	1,000	100	500	5.0	N	N	15	100	15	30
N0215FIN	38,924	171,948	5.00	1.00	1.00	.500	1,000	70	700	5.0	N	N	15	100	30	50
CRS	38,924	171,948	5.00	.70	.50	.500	500	100	200	5.0	N	N	7	70	20	30
N0217FIN	39,042	171,941	3.00	1.50	2.00	.300	700	150	500	3.0	N	N	5	70	20	30
CRS	39,042	171,941	2.00	1.00	10.00	.200	700	150	200	2.0	N	N	70	20	20	20
N0220FIN	39,326	172,854	1.50	5.00	10.00	.100	1,000	10	200	1.0	N	N	N	70	50	N
CRS	39,326	172,854	.50	10.00	20.00	.100	2,000	N	1,500	N	N	N	N	30	20	N
N0228FIN	39,326	172,897	3.00	2.00	5.00	.300	1,500	30	1,000	3.0	N	N	10	70	50	50
CRS	39,326	172,897	1.50	1.00	5.00	.050	500	10	700	N	N	N	N	15	70	N
N0236FIN	39,250	172,680	5.00	3.00	10.00	.500	>5,000	30	1,000	3.0	N	N	10	70	50	50
CRS	39,250	172,680	2.00	5.00	15.00	.050	>5,000	<10	500	N	N	N	N	10	30	N
N0238FIN	39,249	172,691	2.00	5.00	7.00	.500	>5,000	20	1,000	2.0	N	N	5	70	100	N
CRS	39,249	172,691	1.50	5.00	20.00	.050	>5,000	N	1,000	<1.0	N	70	N	10	150	N
N0240FIN	39,120	172,401	3.00	7.00	10.00	.500	>5,000	50	500	1.5	N	N	10	70	50	30
CRS	39,120	172,401	.50	7.00	15.00	.030	>5,000	<10	100	N	N	N	N	10	15	N
N0242FIN	39,118	172,421	2.00	10.00	15.00	.150	>5,000	10	200	N	N	N	N	50	20	20
CRS	39,118	172,421	.50	10.00	15.00	.015	>5,000	N	20	N	N	N	N	10	20	N
N0244FIN	39,091	171,362	2.00	1.00	2.00	.300	1,000	50	500	2.0	N	N	7	70	30	50
CRS	39,091	171,362	2.00	.50	20.00	.100	700	20	50	1.0	N	N	10	30	7	N
N0246FIN	39,028	171,337	5.00	1.00	5.00	.500	1,000	100	700	5.0	N	N	10	70	20	50
CRS	39,028	171,337	3.00	.70	15.00	.500	1,000	70	500	2.0	N	N	7	70	15	30
N0251FIN	38,888	171,322	3.00	3.00	10.00	.300	1,500	30	300	3.0	N	N	10	70	20	N
CRS	38,888	171,322	1.00	10.00	15.00	.020	500	N	N	N	N	N	N	30	10	N
N0253FIN	38,569	171,095	5.00	2.00	7.00	.500	2,000	50	2,000	3.0	N	N	10	70	20	70
CRS	38,569	171,095	.70	10.00	15.00	.030	500	N	>5,000	N	N	N	N	20	10	N
N0255FIN	38,588	171,091	5.00	5.00	10.00	.300	1,500	50	>5,000	3.0	N	N	10	70	20	50
CRS	38,588	171,091	.30	7.00	20.00	.015	500	N	>5,000	N	N	N	N	N	7	N
N0257FIN	38,640	171,095	5.00	1.00	1.50	.500	1,000	50	1,000	3.0	N	N	15	70	50	30
CRS	38,640	171,095	3.00	.70	2.00	.500	300	50	2,000	2.0	N	N	10	70	100	50
N0260FIN	38,689	171,135	5.00	1.00	3.00	.300	700	50	500	2.0	N	N	20	100	50	50
CRS	38,689	171,135	7.00	1.50	5.00	.500	500	50	300	2.0	N	N	30	150	50	50
N0264FIN	38,565	169,695	3.00	1.50	5.00	.500	1,000	100	500	2.0	N	N	10	70	20	50
CRS	38,565	169,695	2.00	5.00	15.00	.200	1,000	70	100	1.0	N	N	7	50	7	30
N0266FIN	38,615	169,715	3.00	2.00	5.00	.500	1,000	100	500	2.0	N	N	5	50	15	30
CRS	38,615	169,715	.70	7.00	20.00	.050	200	20	<20	N	N	N	N	30	5	N
N0267FIN	38,660	169,760	5.00	2.00	10.00	.500	1,000	100	500	1.5	N	N	15	100	20	50
CRS	38,660	169,760	3.00	5.00	15.00	.200	700	70	200	1.0	N	N	10	70	15	30

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inert-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Ag	CH-Sb
N0211FIN	N	10	50	20	N	150	150	N	20	100	.04	.24	270	200	1.0	20	25
CRS	N	10	50	15	N	N	100	N	10	100	<.04	.09	70	110	.4	10	5
N0213FIN	N	20	30	15	N	200	150	N	30	500	<.04	.22	160	200	.6	30	15
CRS	N	20	30	15	N	100	150	N	30	300	<.04	.20	120	160	<.2	100	15
N0215FIN	N	15	30	15	N	200	150	N	30	300	<.04	.17	110	260	<.2	30	10
CRS	N	15	30	10	N	N	100	N	20	200	<.04	.12	80	150	<.2	100	10
N0217FIN	N	10	20	10	N	1,500	100	N	20	300	<.04	.20	90	100	<.2	100	15
CRS	N	10	20	7	N	1,500	70	N	15	200	<.04	.24	50	60	<.2	100	10
N0220FIN	N	N	10	N	N	N	150	N	N	50	.04	.80	100	60	1.5	60	10
CRS	N	N	5	N	N	200	50	N	N	10	<.04	1.80	170	95	3.0	150	50
N0228FIN	10	N	30	10	50	200	150	N	20	200	.10	.50	1,400	350	4.0	100	50
CRS	N	N	15	N	N	150	70	N	N	150	<.04	.55	280	120	2.5	150	20
N0236FIN	N	N	30	15	N	300	150	N	20	300	<.04	.55	470	360	6.0	40	50
CRS	N	N	20	N	N	100	70	N	10	50	.04	.70	620	280	3.5	100	70
N0239FIN	N	N	30	10	N	200	200	N	15	300	.04	1.10	730	1,000	26.0	80	150
CRS	10	N	30	N	N	200	200	N	10	20	<.04	2.10	3,100	1,600	22.0	400	400
N0240FIN	N	N	30	10	N	200	150	N	15	200	.08	.60	200	160	3.5	30	70
CRS	N	N	5	N	N	N	30	N	N	N	.08	.45	180	120	2.5	20	60
N0242FIN	N	N	10	5	N	100	150	N	10	70	.15	.55	490	100	11.0	30	150
CRS	N	N	5	N	N	N	50	N	N	N	.08	.50	480	55	10.0	100	100
N0244FIN	N	N	30	10	N	150	100	N	20	200	.04	.18	60	100	.4	40	15
CRS	N	N	30	15	N	100	50	N	10	100	<.04	.18	45	50	.2	300	30
N0246FIN	N	N	30	15	N	200	100	N	20	150	<.04	.14	45	80	.2	10	8
CRS	N	N	30	10	N	200	100	N	20	100	<.04	.09	30	45	<.2	20	4
N0251FIN	N	N	20	10	N	100	150	N	20	150	.06	6.50	80	2,000	1.0	20	3
CRS	N	N	5	N	N	N	50	N	N	N	.10	5.00	45	1,800	1.5	10	8
N0253FIN	N	N	30	15	N	200	150	N	20	200	<.04	.18	70	120	.4	20	35
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.35	40	25	<.2	20	10
N0255FIN	N	N	30	15	N	200	150	N	20	150	.04	6.00	490	500	1.0	30	100
CRS	N	N	N	N	N	700	20	N	10	30	.08	6.00	160	130	<.2	10	50
N0257FIN	15	15	50	15	N	200	200	N	30	300	<.04	1.20	55	160	.4	30	40
CRS	20	20	70	10	N	150	300	N	20	150	<.04	.50	40	120	.2	150	80
N0260FIN	10	10	50	20	N	200	200	N	50	300	<.04	.18	35	80	<.2	40	6
CRS	10	10	70	20	N	150	300	N	30	150	<.04	.14	30	80	.2	60	6
N0264FIN	N	N	30	15	N	200	150	N	20	300	<.04	.45	25	50	.2	10	10
CRS	N	N	20	7	N	150	100	N	15	150	<.04	.45	30	45	.4	30	8
N0266FIN	N	N	20	7	N	150	100	N	10	300	<.04	.80	50	130	.2	30	15
CRS	N	N	7	N	N	100	30	N	N	50	<.04	.75	30	45	.6	20	8
N0267FIN	N	10	50	15	N	200	200	N	20	200	<.04	.16	65	160	.8	10	15
CRS	N	N	30	10	N	300	70	N	15	70	<.04	.12	55	80	.4	30	10

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0268FIN	38,670	169,765	3.00	1.50	10.00	.300	700	150	300	2.0	N	N	15	100	20	50
CRS	38,670	169,765	3.00	3.00	20.00	.200	700	100	200	1.0	N	N	10	70	15	50
N0269FIN	38,680	169,770	3.00	1.00	15.00	.200	300	100	200	2.0	N	N	7	100	20	50
CRS	38,680	169,770	3.00	1.50	15.00	.200	300	70	150	1.0	N	N	10	100	10	50
N0270FIN	38,690	169,780	3.00	1.50	10.00	.300	500	100	200	1.5	N	N	10	100	15	50
CRS	38,690	169,780	3.00	2.00	15.00	.200	500	150	200	1.5	N	N	20	100	20	50
N0271FIN	38,695	169,790	3.00	1.50	5.00	.300	700	150	500	2.0	N	N	20	150	50	70
CRS	38,695	169,790	3.00	1.50	5.00	.300	500	200	1,000	2.0	N	N	20	150	20	70
N0273FIN	38,697	169,792	3.00	5.00	10.00	.200	1,500	50	300	1.0	N	N	5	70	50	N
CRS	38,697	169,792	.70	10.00	15.00	.015	700	N	N	N	N	N	N	20	15	N
N0274FIN	38,696	169,791	3.00	2.00	7.00	.300	1,000	100	200	1.5	N	N	15	10	30	50
CRS	38,696	169,791	5.00	3.00	10.00	.300	500	150	70	1.5	N	N	15	10	50	70
N0276FIN	38,700	169,800	3.00	5.00	10.00	.500	1,500	30	500	2.0	N	N	10	50	20	50
CRS	38,700	169,800	.50	10.00	15.00	.015	500	N	N	N	N	N	N	20	7	N
N0278FIN	38,705	169,805	5.00	7.00	10.00	.500	2,000	30	500	1.0	N	N	10	70	30	30
CRS	38,705	169,805	.70	>10.00	20.00	.010	500	N	N	N	N	N	N	10	10	N
N0280FIN	40,510	168,870	3.00	10.00	20.00	.300	2,000	20	1,000	5.0	N	N	20	70	15	50
CRS	40,510	168,870	.70	10.00	20.00	.020	1,000	N	200	3.0	N	N	5	10	10	20
N0282FIN	40,520	168,855	3.00	3.00	10.00	.150	2,000	30	1,500	7.0	N	N	10	50	15	50
CRS	40,520	168,855	2.00	2.00	20.00	.070	5,000	15	1,500	20.0	N	N	10	10	5	150
N0284FIN	40,645	168,900	3.00	5.00	10.00	.300	700	30	700	2.0	N	N	10	70	20	50
CRS	40,645	168,900	.70	>10.00	20.00	.050	150	N	50	N	N	N	N	15	7	N
N0286FIN	40,605	168,905	5.00	3.00	7.00	.300	1,000	50	700	3.0	N	N	15	70	20	50
CRS	40,605	168,905	.50	>10.00	20.00	.020	150	<10	20	N	N	N	N	20	5	N
N0288FIN	40,580	168,890	3.00	5.00	10.00	.300	1,000	30	700	2.0	N	N	10	50	15	30
CRS	40,580	168,890	.50	>10.00	20.00	.020	200	N	30	N	N	N	N	10	5	N
N0290FIN	40,565	168,880	2.00	7.00	15.00	.100	700	20	300	1.5	N	N	N	50	20	N
CRS	40,565	168,880	.50	>10.00	20.00	.020	200	N	20	N	N	N	N	10	5	N
N0293FIN	42,115	169,430	3.00	2.00	7.00	.500	700	50	1,500	3.0	N	N	10	70	15	50
CRS	42,115	169,430	1.00	5.00	20.00	.070	150	<10	1,000	N	N	N	N	20	7	20
N0295FIN	42,105	169,428	3.00	2.00	7.00	.300	1,000	70	1,000	2.0	N	N	10	100	15	50
CRS	42,105	169,428	1.00	5.00	>20.00	.100	300	15	1,500	<1.0	N	N	N	30	5	N
N0297FIN	42,095	169,425	5.00	2.00	15.00	.500	1,000	50	1,500	2.0	N	N	15	70	20	70
CRS	42,095	169,425	1.00	1.50	>20.00	.070	150	<10	1,500	N	N	N	N	30	<5	N
N0299FIN	42,085	169,423	5.00	2.00	15.00	.300	700	50	1,500	2.0	N	N	15	70	20	50
CRS	42,085	169,423	1.50	3.00	>20.00	.100	300	10	1,500	<1.0	N	N	10	50	7	N
N0301FIN	42,075	169,420	3.00	5.00	10.00	.300	1,000	50	1,000	2.0	N	N	15	70	20	50
CRS	42,075	169,420	1.50	5.00	>20.00	.070	200	15	700	N	N	N	N	50	10	N
N0303FIN	42,065	169,418	3.00	7.00	15.00	.200	500	70	3,000	1.0	N	N	7	100	20	20
CRS	42,065	169,418	3.00	10.00	20.00	.300	500	100	>5,000	1.0	N	N	7	70	10	20

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CM-As	CM-Sb
N0268FIN	N	10	50	15	N	200	150	N	15	100	<.04	.22	50	120	.8	10	15
CRS	N	10	30	10	N	300	100	N	15	70	<.04	.14	55	160	.4	10	25
N0269FIN	N	10	30	15	N	300	100	N	10	50	<.04	.09	50	70	.4	10	15
CRS	N	10	30	10	N	300	100	N	15	70	<.04	.06	45	70	<.2	20	10
N0270FIN	N	N	50	15	N	200	150	N	15	70	<.04	.22	60	130	.6	10	20
CRS	N	N	50	15	N	200	150	N	15	50	<.04	.12	55	110	.6	10	15
N0271FIN	N	N	50	15	N	150	200	N	20	100	<.04	.75	110	220	.2	30	45
CRS	N	N	50	15	N	100	200	N	15	N	.04	.50	55	75	.4	40	20
N0273FIN	N	N	20	7	N	150	200	N	15	100	.06	1.40	240	550	2.0	40	80
CRS	N	N	N	N	N	N	50	N	N	N	<.04	.80	75	95	.4	20	40
N0274FIN	7	N	50	10	N	150	200	N	15	150	.08	6.00	190	540	1.5	100	70
CRS	10	N	70	10	N	150	200	N	15	100	.04	>10.00	120	220	.6	200	50
N0276FIN	N	N	20	10	N	200	100	N	20	200	<.04	.50	300	1,800	3.0	20	100
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.45	140	180	1.5	30	90
N0278FIN	N	N	20	10	N	200	150	N	20	100	<.04	.80	310	2,000	3.0	20	90
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.28	55	150	.2	10	20
N0280FIN	N	N	30	7	N	200	200	50	30	70	<.04	.10	210	50	.4	10	3
CRS	N	5	5	5	N	N	30	N	20	N	<.04	.07	40	25	<.2	10	2
N0282FIN	N	10	30	10	N	300	100	N	50	100	<.04	.20	50	50	<.2	20	4
CRS	N	10	20	5	N	200	70	N	100	50	<.04	.20	35	30	<.2	20	3
N0284FIN	N	N	30	10	N	300	200	N	20	200	<.04	.14	30	50	<.2	<10	2
CRS	N	N	N	N	N	100	50	N	N	N	<.04	.03	25	20	.2	<10	2
N0286FIN	N	30	15	15	N	200	150	N	20	200	<.04	.03	30	60	<.2	10	2
CRS	N	5	5	N	N	100	20	70	N	10	<.04	N	30	10	<.2	N	<1
N0288FIN	N	N	30	10	N	200	150	N	20	150	<.04	.06	45	60	.4	<10	2
CRS	N	N	N	N	N	N	20	<50	N	10	<.04	.05	30	10	.2	<10	<1
N0290FIN	N	N	20	5	N	150	100	N	10	100	<.04	.06	40	40	.2	<10	3
CRS	N	N	5	10	N	100	20	N	N	N	<.04	.08	30	10	<.2	<10	1
N0293FIN	N	N	30	10	N	200	150	N	20	200	<.04	.12	30	65	.2	<10	3
CRS	N	N	10	N	N	150	30	<50	10	30	<.04	.14	30	20	<.2	N	3
N0295FIN	N	N	30	15	N	300	150	N	20	100	<.04	.10	35	60	<.2	<10	2
CRS	N	15	5	5	N	200	50	N	10	50	<.04	.10	25	15	<.2	<10	3
N0297FIN	N	N	30	15	N	300	150	<50	20	200	<.04	.05	30	60	.2	<10	7
CRS	N	10	5	N	N	200	50	N	10	30	<.04	.03	30	15	<.2	<10	2
N0299FIN	N	N	30	15	N	300	150	N	20	100	<.04	.05	30	55	<.2	<10	1
CRS	N	N	20	5	N	200	70	N	10	50	.04	.05	25	15	.2	<10	3
N0301FIN	N	N	30	10	N	200	150	N	20	200	<.04	.07	35	65	.4	<10	3
CRS	N	20	5	5	N	200	70	N	10	30	<.04	.05	35	30	.2	<10	3
N0303FIN	N	N	30	10	N	100	150	N	15	70	<.04	.55	65	55	.8	10	10
CRS	N	N	30	10	N	N	100	N	15	70	<.04	.60	40	20	.4	20	8

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Kn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0305FIN	42,055	169,415	3.00	5.00	10.00	.300	700	30	3,000	1.5	N	N	10	70	20	50
CRS	42,055	169,415	.70	>10.00	20.00	.050	300	<10	>5,000	<1.0	N	N	N	20	7	N
N0307FIN	42,045	169,413	3.00	5.00	10.00	.200	700	30	5,000	1.5	N	N	10	100	50	N
CRS	42,045	169,413	1.00	10.00	20.00	.050	200	<10	>5,000	N	N	N	N	30	15	N
N0309FIN	42,035	169,410	2.00	7.00	15.00	.150	700	20	3,000	1.5	N	N	7	70	50	20
CRS	42,035	169,410	.30	>10.00	20.00	.015	200	N	500	N	N	N	N	10	15	N
N0312FIN	42,025	169,408	3.00	5.00	10.00	.200	500	30	2,000	2.0	N	N	7	70	30	N
CRS	42,025	169,408	1.00	10.00	20.00	.070	300	<10	3,000	<1.0	N	N	N	15	<5	N
N0314FIN	41,915	168,740	3.00	5.00	10.00	.300	1,000	30	700	2.0	N	N	10	100	30	20
CRS	41,915	168,740	.50	>10.00	>20.00	.030	500	N	200	N	N	N	N	20	7	N
N0316FIN	41,935	168,730	5.00	5.00	10.00	.500	1,000	30	1,500	3.0	N	N	10	70	20	70
CRS	41,935	168,730	.70	10.00	>20.00	.050	300	N	100	N	N	N	N	15	15	N
N0318FIN	41,975	168,745	2.00	2.00	5.00	.300	700	30	700	1.5	N	N	10	50	30	20
CRS	41,975	168,745	.20	5.00	15.00	.030	300	<10	70	N	N	N	N	<10	100	N
N0320FIN	42,020	168,760	2.00	3.00	7.00	.300	700	20	700	1.5	N	N	10	50	30	30
CRS	42,020	168,760	.10	5.00	10.00	.015	70	<10	20	N	N	N	N	N	5	N
N0322FIN	42,325	168,800	3.00	5.00	10.00	.500	1,000	50	2,000	2.0	N	N	10	70	20	30
CRS	42,325	168,800	1.50	10.00	20.00	.100	500	10	>5,000	N	N	N	5	50	10	N
N0324FIN	42,150	168,925	3.00	7.00	15.00	.300	1,000	20	700	1.5	N	N	10	70	50	30
CRS	42,150	168,925	1.00	10.00	>20.00	.100	500	<10	100	<1.0	N	N	N	20	10	N
N0326FIN	42,140	168,918	3.00	7.00	15.00	.300	1,000	30	700	1.5	N	N	10	70	70	50
CRS	42,140	168,918	1.00	>10.00	20.00	.050	300	N	50	N	N	N	N	50	30	N
N0328FIN	42,130	168,910	5.00	7.00	10.00	.300	1,000	30	700	2.0	N	N	15	70	50	20
CRS	42,130	168,910	1.50	10.00	>20.00	.100	700	<10	200	<1.0	N	N	N	30	20	N
N0331FIN	42,110	168,895	5.00	5.00	10.00	.700	1,500	50	700	3.0	N	N	15	100	100	50
CRS	42,110	168,895	2.00	10.00	>20.00	.100	1,000	<10	200	<1.0	N	N	N	30	20	N
N0333FIN	42,100	168,888	2.00	5.00	15.00	.300	1,000	20	500	1.0	N	N	7	50	150	N
CRS	42,100	168,888	.50	10.00	>20.00	.050	500	N	50	N	N	N	N	20	150	N
N0335FIN	42,090	168,881	5.00	7.00	20.00	.300	1,000	30	500	1.5	N	N	15	100	100	30
CRS	42,090	168,881	1.50	>10.00	>20.00	.030	200	N	20	N	N	N	N	15	200	N
N0337FIN	42,080	168,874	2.00	10.00	20.00	.300	1,500	20	500	1.0	N	N	5	70	300	30
CRS	42,080	168,874	.70	>10.00	>20.00	.020	700	N	20	N	N	N	N	10	500	N
N0339FIN	42,070	168,867	3.00	5.00	10.00	.300	200	20	700	1.5	N	N	7	70	150	20
CRS	42,070	168,867	.30	10.00	20.00	.020	150	N	500	N	N	N	N	N	10	N
N0341FIN	42,060	168,860	2.00	7.00	15.00	.100	200	<10	300	<1.0	N	N	N	50	150	N
CRS	42,060	168,860	.50	10.00	20.00	.015	200	N	100	N	N	N	N	N	200	N
N0345FIN	42,050	168,845	3.00	3.00	5.00	.300	200	20	1,500	1.0	N	N	15	70	70	30
CRS	42,050	168,845	.70	10.00	20.00	.020	300	N	1,500	N	N	N	N	15	15	N
N0349FIN	42,185	168,800	5.00	5.00	10.00	.300	700	50	1,000	1.0	N	N	20	70	15	50
CRS	42,185	168,800	10.00	7.00	15.00	.200	300	70	300	1.0	N	N	15	100	15	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0305FIN	N	N	30	15	N	200	150	N	20	200	<.04	.06	40	110	.2	10	3
CRS	N	N	7	N	N	150	50	N	N	20	<.04	.06	230	500	1.5	<10	3
N0307FIN	10	N	30	10	N	150	200	N	15	100	<.04	.05	150	700	1.5	10	10
CRS	15	N	20	N	N	100	70	N	N	10	<.04	.40	50	500	.2	10	4
N0309FIN	N	N	30	7	N	150	150	50	15	70	<.04	.24	50	100	.6	<10	4
CRS	N	N	5	N	N	N	30	N	N	N	<.04	.18	35	20	.2	<10	1
N0312FIN	N	15	30	10	N	150	150	N	20	200	<.04	.12	35	100	.2	<10	2
CRS	N	5	N	N	N	150	50	N	N	20	<.04	.2	35	35	<.2	<10	2
N0314FIN	N	10	30	10	N	200	150	N	20	200	<.04	.10	40	85	.6	<10	4
CRS	N	N	5	N	N	100	30	N	N	15	<.04	.18	40	25	.6	<10	3
N0316FIN	N	10	30	15	N	200	200	N	30	300	<.04	.14	50	75	.4	<10	3
CRS	N	N	7	N	N	N	20	N	N	10	<.04	.06	35	20	.4	<10	3
N0318FIN	N	N	20	7	10	200	100	N	20	200	N	.30	480	180	1.0	<10	10
CRS	N	N	5	N	50	N	20	N	N	15	N	.26	650	35	2.0	<10	4
N0320FIN	N	N	20	7	N	200	100	N	20	150	N	.24	200	120	.4	<10	10
CRS	N	N	5	N	N	N	10	N	N	10	N	.15	40	15	N	<10	2
N0322FIN	5	15	30	10	N	300	150	50	20	200	<.04	.06	65	110	<.2	<10	3
CRS	5	N	20	5	N	200	70	N	15	30	<.04	.06	50	50	.4	10	2
N0324FIN	N	N	30	15	N	200	200	N	20	150	<.04	.08	230	240	3.5	<10	15
CRS	N	N	10	5	N	100	50	N	N	30	<.04	.08	120	120	.8	10	4
N0326FIN	N	N	30	15	50	200	200	N	20	200	<.04	.16	400	340	8.0	10	3
CRS	N	N	10	N	70	N	70	N	N	15	<.04	.08	190	120	1.0	<10	3
N0328FIN	N	N	50	15	N	300	150	N	20	200	<.04	.06	300	440	2.5	10	10
CRS	N	N	15	5	N	200	70	N	10	20	<.04	.10	260	330	1.5	10	3
N0331FIN	5	15	30	20	15	300	150	N	30	300	<.04	.20	560	800	2.0	10	15
CRS	N	10	20	5	N	150	70	N	10	50	<.04	.10	230	280	1.0	<10	6
N0333FIN	N	10	20	7	30	200	150	N	15	150	<.04	.20	760	880	5.0	<10	15
CRS	N	N	7	N	N	150	30	N	N	15	<.04	.16	550	700	3.5	<10	10
N0335FIN	5	N	50	15	100	200	200	N	20	200	<.04	.45	2,200	2,200	4.5	10	10
CRS	N	N	5	N	200	N	20	N	N	N	<.04	.80	8,100	2,000	29.0	10	15
N0337FIN	N	N	20	7	200	200	150	N	15	150	<.04	.20	2,400	1,700	9.0	100	40
CRS	N	N	5	N	500	100	100	N	N	N	<.04	.30	8,100	1,300	24.0	300	50
N0339FIN	N	N	30	10	70	150	150	N	10	200	<.04	.18	1,600	1,000	4.0	<10	40
CRS	N	N	N	N	N	N	15	N	N	N	<.04	.06	160	95	.6	N	3
N0341FIN	N	N	15	5	70	100	70	N	10	30	<.04	.35	890	840	4.0	30	50
CRS	N	N	N	N	30	N	20	N	N	N	<.04	.50	340	220	1.5	20	15
N0345FIN	N	N	30	15	20	200	150	N	20	200	<.04	.20	590	620	1.5	<10	8
CRS	N	N	N	N	N	N	15	N	N	N	<.04	N	290	160	2.5	N	2
N0349FIN	N	N	50	15	N	200	150	N	20	150	<.04	.10	65	70	.8	20	3
CRS	N	15	50	10	N	100	100	N	15	50	<.04	.04	50	35	.6	20	3

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0351FIN	42,175	168,798	3.00	5.00	20.00	.300	300	100	2,000	2.0	N	N	15	70	20	20
CRS	42,175	168,798	3.00	7.00	20.00	.300	200	100	1,500	2.0	N	N	20	150	30	N
N0353FIN	42,165	168,796	3.00	3.00	10.00	.300	500	50	5,000	2.0	N	N	10	70	20	N
CRS	42,165	168,796	1.50	7.00	20.00	.100	300	15	>5,000	N	N	N	7	50	7	N
N0355FIN	42,155	168,794	3.00	5.00	10.00	.300	700	50	3,000	2.0	N	N	10	100	20	30
CRS	42,155	168,794	2.00	10.00	20.00	.100	500	10	5,000	N	N	N	N	70	15	N
N0357FIN	42,145	168,792	5.00	10.00	15.00	.300	1,000	50	5,000	1.0	N	N	10	100	20	20
CRS	42,145	168,792	1.50	10.00	20.00	.150	500	10	>5,000	N	N	N	N	50	10	N
N0359FIN	42,135	168,790	3.00	5.00	10.00	.300	1,000	50	3,000	1.0	N	N	10	70	30	20
CRS	42,135	168,790	1.50	10.00	20.00	.150	700	10	>5,000	N	N	N	5	50	15	N
N0361FIN	42,125	168,789	3.00	3.00	20.00	.300	700	50	2,000	2.0	N	N	10	70	50	20
CRS	42,125	168,789	1.50	10.00	>20.00	.100	300	<10	5,000	N	N	N	30	30	20	N
N0363FIN	42,115	168,788	5.00	5.00	15.00	.500	1,000	50	1,500	2.0	N	N	15	70	70	50
CRS	42,115	168,788	1.00	10.00	>20.00	.030	700	50	1,000	N	N	N	20	50	15	N
N0365FIN	42,105	168,786	5.00	3.00	10.00	.300	1,000	50	>5,000	2.0	N	N	10	70	70	50
CRS	42,105	168,786	1.50	10.00	20.00	.030	700	N	>5,000	N	N	N	N	20	100	N
N0367FIN	42,095	168,785	2.00	5.00	10.00	.200	700	20	700	1.0	N	N	5	50	70	N
CRS	42,095	168,785	.70	10.00	20.00	.030	500	<10	700	N	N	N	N	10	70	N
N0370FIN	38,374	171,157	2.00	.70	2.00	.300	700	50	500	3.0	N	N	7	50	30	30
CRS	38,374	171,157	2.00	.50	10.00	.200	500	30	300	1.0	N	N	7	50	10	20
N0372FIN	38,355	171,147	5.00	1.00	1.00	.500	700	50	700	2.0	N	N	15	150	30	70
CRS	38,355	171,147	7.00	1.00	.70	.500	700	70	500	2.0	N	N	20	200	20	100
N0374FIN	38,350	171,125	3.00	.70	1.00	.300	1,000	30	500	1.5	N	N	15	100	20	50
CRS	38,350	171,125	7.00	.70	1.00	.500	700	50	500	2.0	N	N	20	150	30	100
N0376FIN	38,313	171,148	3.00	1.00	1.50	.300	1,500	30	700	1.5	N	N	10	100	20	50
CRS	38,313	171,148	3.00	.20	.15	.700	>5,000	100	700	1.0	N	N	20	100	10	70
N0378FIN	38,343	171,030	2.00	1.00	3.00	.300	1,500	50	700	2.0	N	N	10	50	30	30
CRS	38,343	171,030	1.00	.70	15.00	.100	1,000	20	300	1.0	N	N	20	10	10	N
N0380FIN	38,357	171,072	3.00	1.00	5.00	.300	1,500	50	700	2.0	N	N	15	50	30	50
CRS	38,357	171,072	2.00	.70	5.00	.300	1,000	50	500	2.0	N	N	10	50	20	30
N0382FIN	38,057	170,868	3.00	.70	1.00	.300	1,000	20	500	1.5	N	N	15	70	20	50
CRS	38,057	170,868	.70	.10	.10	.070	200	10	100	N	N	N	N	10	7	N
N0384FIN	37,974	170,873	2.00	1.00	1.00	.300	1,000	50	700	3.0	N	N	7	30	20	20
CRS	37,974	170,873	1.50	2.00	5.00	.200	700	70	2,000	1.5	N	N	10	30	30	N
N0386FIN	38,069	170,870	1.00	10.00	15.00	.100	500	20	200	1.0	N	N	5	30	30	N
CRS	38,069	170,870	.20	10.00	20.00	.020	200	<10	N	N	N	N	N	10	5	N
N0388FIN	38,085	170,874	1.00	7.00	15.00	.070	300	20	70	1.0	N	N	5	30	20	N
CRS	38,085	170,874	.70	10.00	15.00	.050	150	10	20	<1.0	N	N	N	30	10	N
N0390FIN	38,128	170,900	3.00	.70	1.00	.500	500	50	500	1.5	N	N	10	70	15	70
CRS	38,128	170,900	1.50	.30	.10	.300	200	50	500	1.5	N	N	5	50	7	50

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Rg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CN-Aa	CN-Sb
N0351FIN	N	N	50	10	N	300	150	N	10	100	<.04	.18	50	55	.4	<10	3
CRS	N	N	70	15	N	150	150	N	10	70	<.04	.09	40	50	.2	10	3
N0353FIN	10	N	70	15	N	200	150	N	15	100	.04	.50	70	90	1.0	<10	3
CRS	7	N	30	5	N	100	70	N	N	20	<.04	.06	45	40	.8	10	3
N0355FIN	N	N	50	10	N	200	150	N	15	100	<.04	.18	80	120	.6	10	6
CRS	N	N	30	7	N	100	70	N	N	20	<.04	.18	40	30	.4	10	6
N0357FIN	N	N	30	15	N	300	150	N	20	200	<.04	.10	90	95	.4	10	6
CRS	N	N	20	5	N	150	70	N	10	20	<.04	.05	50	30	.4	10	2
N0359FIN	N	N	30	10	N	150	150	N	15	150	<.04	.08	95	110	.4	<10	3
CRS	N	N	20	5	N	150	70	N	N	30	<.04	.03	45	30	<.2	<10	1
N0361FIN	N	N	30	10	N	300	150	N	15	100	<.04	.18	1,400	550	1.5	<10	4
CRS	N	N	15	N	N	100	70	N	N	20	<.04	.10	500	190	.6	<10	3
N0363FIN	N	N	30	15	N	300	200	N	20	200	<.04	.14	1,100	1,100	1.0	10	5
CRS	N	N	5	N	N	N	70	N	N	N	<.04	.10	1,100	500	1.0	10	2
N0365FIN	N	N	30	10	N	300	200	N	20	200	<.04	.12	1,200	1,400	1.0	30	4
CRS	N	N	10	N	N	150	50	N	N	10	<.04	.08	900	1,100	.4	<10	3
N0367FIN	N	N	20	7	N	150	70	N	10	70	<.04	.28	1,600	1,900	2.5	10	6
CRS	N	N	5	N	N	<100	30	N	N	N	<.04	.40	5,500	1,700	6.0	10	6
N0370FIN	N	N	20	10	N	200	100	N	20	200	<.04	.14	60	110	.2	20	10
CRS	N	N	20	7	N	100	70	N	20	200	<.04	.06	65	75	<.2	30	2
N0372FIN	N	N	50	20	N	100	150	N	30	200	N	.10	35	80	N	20	4
CRS	N	N	50	30	N	N	200	N	50	200	N	.22	35	70	N	10	1
N0374FIN	N	10	50	15	N	150	100	N	30	200	N	.11	40	75	N	<10	4
CRS	N	15	50	20	N	N	150	N	50	200	N	.07	35	70	N	10	<1
N0376FIN	N	N	30	10	N	300	100	N	30	300	N	.13	25	60	N	40	2
CRS	N	10	30	15	N	100	100	N	50	700	N	.08	15	15	N	150	2
N0378FIN	N	10	30	7	N	200	100	N	20	150	<.04	.28	150	140	<.2	30	20
CRS	N	N	5	5	N	100	50	N	10	30	<.04	.16	90	60	<.2	30	10
N0380FIN	N	10	30	10	N	300	100	N	30	300	<.04	.16	70	80	.2	20	15
CRS	N	N	20	7	N	200	100	N	20	200	<.04	.14	60	80	.4	40	20
N0382FIN	N	10	20	10	N	200	100	N	20	200	N	.09	30	85	N	<10	6
CRS	N	N	7	N	N	N	20	N	N	70	N	.22	15	35	N	<10	10
N0384FIN	N	10	20	7	N	150	50	N	15	200	<.04	.50	30	90	.6	30	90
CRS	N	N	20	N	N	N	50	N	10	200	.04	1.30	30	60	.8	100	400
N0386FIN	N	N	20	5	N	150	70	N	10	50	<.04	1.30	35	140	.2	<10	10
CRS	N	N	N	N	N	N	15	N	N	N	<.04	.18	35	50	.2	10	6
N0388FIN	N	N	30	N	N	100	70	N	20	30	<.04	4.00	40	120	.4	40	25
CRS	N	N	10	N	N	N	50	N	10	15	<.04	1.50	35	80	.4	10	15
N0390FIN	N	N	20	10	N	200	100	N	30	500	.08	.40	25	65	N	20	6
CRS	N	N	7	10	N	N	70	N	20	300	.06	.70	20	65	N	150	8

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0392FIN	38,563	170,616	1.00	10.00	20.00	.050	500	20	150	<1.0	N	N	N	30	20	N
CRS	38,563	170,616	.10	10.00	15.00	.010	500	N	20	N	N	N	N	N	7	N
N0395FIN	38,511	170,680	2.00	1.00	2.00	.200	1,000	20	500	2.0	N	N	10	50	50	20
CRS	38,511	170,680	.70	7.00	20.00	.050	700	<10	70	N	N	N	N	10	15	N
N0397FIN	38,503	170,680	3.00	5.00	15.00	.150	3,000	20	500	1.5	N	N	7	30	50	20
CRS	38,503	170,680	.70	10.00	20.00	.007	1,000	N	30	N	N	N	N	N	7	N
N0399FIN	38,492	170,680	2.00	5.00	10.00	.200	2,000	20	500	1.5	N	N	10	50	30	N
CRS	38,492	170,680	.15	>10.00	20.00	.007	700	N	<20	N	N	N	N	N	5	N
N0401FIN	38,483	170,678	2.00	7.00	15.00	.150	2,000	10	300	1.0	N	N	5	50	30	N
CRS	38,483	170,678	.15	10.00	20.00	.010	500	N	20	N	N	N	N	N	7	N
N0403FIN	38,475	170,678	3.00	3.00	7.00	.300	2,000	20	700	1.0	N	N	15	70	30	30
CRS	38,475	170,678	.50	10.00	15.00	.030	1,000	<10	50	N	N	N	N	10	10	N
N0406FIN	38,465	170,680	2.00	5.00	7.00	.300	2,000	20	700	1.5	N	N	10	50	30	20
CRS	38,465	170,680	.20	10.00	15.00	.020	1,000	N	30	N	N	N	N	<10	10	N
N0409FIN	38,456	170,680	1.50	3.00	5.00	.200	2,000	20	500	1.5	N	N	5	30	20	N
CRS	38,456	170,680	.50	>10.00	20.00	.030	1,000	<10	50	N	N	N	N	<10	10	N
N0411FIN	38,445	170,680	1.00	2.00	5.00	.100	1,500	15	300	1.0	N	N	N	30	20	N
CRS	38,445	170,680	.50	10.00	20.00	.020	1,000	N	20	N	N	N	N	10	7	N
N0413FIN	38,720	170,170	1.50	.70	1.00	.300	700	50	700	2.0	N	N	7	50	30	20
CRS	38,720	170,170	2.00	.50	.70	.200	700	50	500	1.5	N	N	10	50	20	20
N0415FIN	38,727	170,168	2.00	5.00	10.00	.200	1,500	30	500	1.0	N	N	10	50	30	N
CRS	38,727	170,168	.50	>10.00	20.00	.020	1,000	N	20	N	N	N	N	10	7	N
N0417FIN	38,735	170,155	3.00	5.00	10.00	.300	1,500	50	700	1.5	N	N	10	50	30	20
CRS	38,735	170,155	.30	10.00	20.00	.030	700	<10	30	N	N	N	N	<10	7	N
N0419FIN	38,750	170,140	.70	10.00	20.00	.070	700	10	150	N	N	N	N	30	20	N
CRS	38,750	170,140	.15	10.00	15.00	.005	200	N	20	N	N	N	N	N	10	N
N0421FIN	38,759	170,131	1.00	>10.00	20.00	.070	1,000	10	100	N	N	N	5	30	20	N
CRS	38,759	170,131	.20	10.00	15.00	.010	500	<10	30	N	N	N	N	10	20	N
N0423FIN	38,767	170,124	2.00	2.00	10.00	.300	1,500	50	1,000	3.0	N	N	10	50	30	30
CRS	38,767	170,124	.70	>10.00	20.00	.020	700	<10	30	N	N	N	N	10	30	N
N0425FIN	38,776	170,116	2.00	7.00	15.00	.200	2,000	20	300	1.0	N	N	10	50	50	N
CRS	38,776	170,116	.50	10.00	20.00	.015	1,000	<10	30	N	N	N	N	<10	30	N
N0427FIN	38,785	170,109	2.00	5.00	10.00	.200	1,000	20	500	1.0	N	N	7	50	30	N
CRS	38,785	170,109	.20	10.00	20.00	.015	500	<10	20	N	N	N	N	<10	7	N
N0429FIN	38,794	170,102	2.00	5.00	10.00	.200	1,000	30	500	1.0	N	N	10	50	30	20
CRS	38,794	170,102	.20	>10.00	20.00	.020	500	<10	20	N	N	N	N	10	10	N
N0431FIN	38,803	170,095	2.00	7.00	15.00	.100	1,000	30	300	1.0	N	N	10	50	30	N
CRS	38,803	170,095	.20	>10.00	20.00	.010	500	<10	<20	N	N	N	N	10	7	N
N0433FIN	38,825	170,090	3.00	1.00	2.00	.300	1,000	50	700	3.0	N	N	15	50	70	50
CRS	38,825	170,090	3.00	1.00	2.00	.500	1,000	70	700	2.0	N	N	15	70	70	50

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Rg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0392FIN	N	N	30	5	N	<100	70	N	10	30	<.04	2.20	45	100	.2	20	45
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.80	35	35	<.2	10	15
N0395FIN	N	N	20	7	N	200	70	N	15	100	<.04	.20	170	650	.2	<10	45
CRS	N	N	N	N	N	N	20	N	N	10	<.04	.14	55	95	<.2	<10	10
N0397FIN	5	N	20	N	N	150	100	N	20	100	.04	1.80	290	600	.6	30	70
CRS	N	N	N	N	N	N	10	N	N	N	<.04	.40	85	60	.6	10	30
N0399FIN	N	N	20	7	N	150	100	N	15	100	<.04	.28	170	320	.4	40	45
CRS	N	N	N	N	N	N	N	N	N	N	<.04	.07	50	20	<.2	<10	5
N0401FIN	N	N	20	N	N	100	70	N	10	100	.04	.70	180	330	1.0	20	80
CRS	N	N	N	N	N	N	10	N	N	N	<.04	.55	60	30	.6	60	15
N0403FIN	N	10	20	10	N	200	150	N	20	150	.06	.70	400	650	1.0	100	90
CRS	N	N	N	N	N	N	30	N	N	10	.04	.70	120	95	.4	30	70
N0406FIN	N	10	20	10	N	200	150	N	20	150	.04	.30	250	340	.8	30	90
CRS	N	N	N	N	N	N	15	N	N	N	<.04	.55	100	80	.8	20	45
N0409FIN	N	N	15	5	N	200	100	N	15	70	.04	.45	120	310	.8	10	45
CRS	N	N	N	N	N	N	30	N	N	10	<.04	.45	65	160	.6	10	20
N0411FIN	N	N	7	N	N	N	70	N	N	30	.04	1.10	130	700	.8	20	60
CRS	N	N	N	N	N	N	30	N	N	10	.04	1.10	150	850	.6	40	30
N0413FIN	N	<10	20	7	N	200	70	N	15	100	.04	.60	110	160	.6	80	60
CRS	7	<10	30	7	N	150	100	N	10	70	.08	.90	95	140	.6	100	90
N0415FIN	5	N	20	7	N	150	150	N	15	100	.04	.55	100	180	1.5	40	80
CRS	N	N	<5	N	N	N	20	N	N	N	<.04	.40	55	30	.8	20	100
N0417FIN	5	10	20	10	N	200	100	N	20	150	<.04	.26	85	150	.8	10	50
CRS	N	N	N	N	N	N	20	N	N	10	<.04	.22	50	30	.4	20	35
N0419FIN	N	N	<5	N	10	<100	50	N	N	30	<.04	.40	350	200	7.0	40	100
CRS	N	N	<5	N	N	N	10	N	N	N	<.04	.18	120	80	4.0	20	50
N0421FIN	10	N	5	N	N	N	190	N	N	20	<.04	.70	240	110	2.5	30	100
CRS	5	N	N	N	N	N	30	N	N	10	<.04	.35	110	60	3.0	30	70
N0423FIN	N	10	20	10	15	300	100	N	20	150	.04	.50	480	800	18.0	20	200
CRS	N	N	N	N	<10	N	15	N	N	10	<.04	.30	290	240	6.5	30	200
N0425FIN	N	N	20	5	30	150	100	N	10	50	.06	.80	1,000	1,900	28.0	60	400
CRS	N	N	N	5	15	N	30	N	N	N	.04	.45	720	340	17.0	150	700
N0427FIN	N	N	20	5	N	150	100	N	15	150	<.04	.22	110	130	1.5	30	70
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.11	55	20	.6	20	25
N0429FIN	N	N	20	7	N	200	100	N	15	150	<.04	.14	100	140	1.0	20	50
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.12	80	30	.4	10	35
N0431FIN	10	N	20	5	N	150	100	N	15	50	.06	.08	180	140	.4	10	200
CRS	N	N	N	N	N	N	20	N	N	N	<.04	.40	65	25	.4	40	35
N0433FIN	15	10	30	10	N	200	200	N	20	100	<.04	6.00	100	140	.6	150	40
CRS	20	10	50	10	N	200	200	N	30	100	<.04	2.00	80	140	<.2	150	35

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-PeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Se	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0433FIN	38,840	170,085	5.00	1.50	2.00	.500	1,000	50	700	2.0	N	N	20	70	50	70
CRS	38,840	170,085	2.00	.70	.70	.300	700	50	300	2.0	N	N	10	30	50	50
N0437FIN	38,908	171,523	.70	10.00	20.00	.070	1,000	10	300	N	N	N	N	N	30	N
CRS	38,908	171,523	.10	>10.00	>20.00	.010	700	<10	20	N	<10	N	N	N	50	N
N0439FIN	38,885	171,520	1.50	10.00	15.00	.100	500	20	300	1.0	<10	N	7	30	50	N
CRS	38,885	171,520	.10	>10.00	>20.00	.007	200	N	N	N	<10	N	N	N	20	N
N0441FIN	38,849	171,509	3.00	5.00	15.00	.300	1,000	50	500	1.5	N	N	15	70	30	20
CRS	38,849	171,509	1.50	10.00	>20.00	.070	700	15	70	N	<10	N	5	30	70	N
N0443FIN	38,851	171,454	2.00	10.00	20.00	.100	700	30	100	1.0	N	N	N	30	20	N
CRS	38,851	171,454	.20	10.00	20.00	.020	500	<10	<20	N	<10	N	N	<10	20	N
N0446FIN	39,262	172,106	2.00	.70	1.00	.300	500	50	700	2.0	N	N	15	200	50	50
CRS	39,262	172,106	2.00	.50	.50	.300	500	70	500	2.0	N	N	10	200	50	50
N0448FIN	39,249	172,181	2.00	1.00	2.00	.300	500	50	700	1.5	N	N	7	50	50	30
CRS	39,249	172,181	.70	.30	10.00	.200	300	50	300	1.0	N	N	5	100	20	20
N0450FIN	39,326	173,032	3.00	2.00	5.00	.300	2,000	50	700	1.5	<10	N	15	70	70	30
CRS	39,326	173,032	1.00	3.00	10.00	.150	2,000	15	500	1.0	<10	N	5	30	30	N
N0452FIN	39,349	173,032	1.00	7.00	15.00	.100	2,000	15	300	1.0	N	N	N	50	30	N
CRS	39,349	173,032	.15	10.00	20.00	.020	3,000	<10	150	N	N	N	N	10	50	N
N0454FIN	39,166	172,760	3.00	.70	1.00	.300	1,500	20	700	1.5	N	N	10	70	20	70
CRS	39,166	172,760	.70	.10	.10	.100	500	10	200	N	N	N	N	10	10	N
N0456FIN	39,187	172,759	.70	10.00	20.00	.100	700	10	300	N	N	N	N	30	30	N
CRS	39,187	172,759	.05	10.00	20.00	.015	500	<10	200	N	N	N	N	10	30	N
N0458FIN	39,194	172,755	1.00	10.00	15.00	.100	1,500	20	500	<1.0	N	N	N	30	30	N
CRS	39,194	172,755	.20	>10.00	20.00	.015	5,000	<10	300	N	N	N	N	15	20	N
N0460FIN	39,202	172,750	.20	>10.00	>20.00	.030	1,000	<10	200	N	N	N	N	15	50	N
CRS	39,202	172,750	.02	>10.00	20.00	.010	700	N	50	N	N	N	N	<10	50	N
N0462FIN	39,211	172,749	2.00	5.00	15.00	.200	1,000	20	700	1.0	N	N	10	50	50	20
CRS	39,211	172,749	.50	7.00	20.00	.050	700	10	500	N	N	N	N	20	30	N
N0464FIN	39,211	172,756	1.50	5.00	10.00	.200	3,000	30	700	1.0	N	N	10	50	50	20
CRS	39,211	172,756	.30	7.00	15.00	.050	5,000	10	300	N	N	N	N	20	50	N
N0466FIN	39,218	172,756	.70	7.00	20.00	.100	3,000	10	300	N	N	N	N	20	30	N
CRS	39,218	172,756	.70	10.00	20.00	.100	5,000	10	500	N	N	N	N	30	20	N
N0468FIN	39,225	172,751	1.50	7.00	20.00	.150	3,000	20	300	<1.0	N	N	7	50	50	N
CRS	39,225	172,751	.20	10.00	20.00	.030	5,000	10	100	N	<10	N	N	15	30	N
N0470FIN	39,233	172,749	2.00	5.00	10.00	.200	5,000	30	500	1.0	N	N	10	50	50	20
CRS	39,233	172,749	.30	10.00	20.00	.050	5,000	10	300	N	N	N	N	15	30	N
N0472FIN	39,241	172,750	2.00	7.00	15.00	.100	>5,000	<10	200	1.0	N	N	7	30	50	N
CRS	39,241	172,750	.20	10.00	>20.00	.010	>5,000	<10	200	N	N	N	N	10	30	N
N0474FIN	39,250	172,750	1.00	7.00	20.00	.100	>5,000	20	1,500	<1.0	N	N	5	30	200	70
CRS	39,250	172,750	.15	7.00	20.00	.003	5,000	<10	5,000	N	N	N	N	<10	200	50

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Wi	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0435FIN	20	10	50	15	N	300	200	N	50	200	<.04	.70	60	130	.6	30	25
CRS	15	<10	30	7	N	150	150	N	15	100	<.04	1.10	60	120	.4	100	40
N0437FIN	N	N	7	N	N	150	50	N	10	30	.08	1.30	270	170	1.0	30	10
CRS	N	N	N	N	N	100	10	N	N	N	<.04	.90	80	25	.8	80	2
N0439FIN	N	N	10	N	N	100	70	N	10	100	<.04	.40	70	95	.4	10	4
CRS	N	N	N	N	N	N	15	N	N	N	<.04	.40	50	20	.6	<10	3
N0441FIN	N	N	30	10	N	200	100	N	20	100	.04	.40	70	160	.6	20	8
CRS	N	N	15	N	N	150	50	N	N	30	.04	.30	60	85	.6	150	6
N0443FIN	N	N	15	N	N	100	50	N	N	50	.04	1.00	140	800	.6	300	60
CRS	N	N	N	N	N	N	10	N	N	N	.04	.60	70	180	.2	300	25
N0446FIN	5	10	50	10	N	300	150	N	20	200	<.04	.09	50	130	<.2	30	4
CRS	5	10	50	10	N	300	150	N	20	150	<.04	.10	30	140	<.2	20	3
N0448FIN	N	10	30	7	N	300	70	N	15	150	<.04	.12	50	120	.2	10	5
CRS	N	<10	30	N	N	300	70	N	15	100	<.04	.15	30	160	<.2	30	3
N0450FIN	20	10	30	10	15	200	150	N	20	150	.06	.50	600	200	1.5	30	6
CRS	N	<10	20	N	N	100	70	N	10	50	<.04	.65	150	100	.6	<10	4
N0452FIN	5	N	15	N	10	100	70	N	N	30	.06	.60	300	100	1.5	100	5
CRS	N	N	N	N	N	100	30	N	N	N	<.04	.45	60	40	1.0	10	3
N0454FIN	N	N	20	10	N	200	150	N	20	200	N	.11	95	130	.2	20	15
CRS	N	N	7	N	N	N	30	N	N	50	N	.10	65	70	N	10	10
N0456FIN	N	N	20	N	N	100	70	N	10	30	<.04	.40	120	40	.4	10	5
CRS	N	N	N	N	N	100	20	N	N	N	<.04	.30	70	15	<.2	<10	2
N0458FIN	N	N	15	N	N	150	70	N	15	30	<.04	.20	130	75	.8	20	5
CRS	N	N	N	N	N	100	20	N	N	N	<.04	.55	80	45	.8	10	4
N0460FIN	N	N	<5	N	N	100	30	N	N	N	.04	.35	80	35	.6	30	4
CRS	N	N	N	N	N	N	10	N	N	N	<.04	.26	50	20	.6	30	3
N0462FIN	<5	N	20	7	10	300	100	N	15	100	.04	.26	240	120	1.5	60	6
CRS	<5	N	10	N	N	200	50	N	N	20	.04	.35	100	70	.8	150	5
N0464FIN	5	N	20	7	10	200	100	N	20	100	.08	.70	320	150	1.5	100	6
CRS	<5	N	10	N	N	N	50	N	N	10	.06	.90	200	140	1.0	40	5
N0466FIN	N	N	5	N	N	150	50	N	N	50	.20	1.00	60	75	1.5	100	5
CRS	N	N	7	N	N	200	70	N	N	15	.04	.80	100	100	.8	150	5
N0468FIN	N	N	20	5	N	200	100	N	10	70	.04	.90	70	120	1.0	40	4
CRS	N	N	10	N	N	100	50	N	N	10	.04	.60	70	120	.2	60	4
N0470FIN	<5	N	30	5	N	200	100	N	15	100	.06	2.40	180	170	2.5	60	6
CRS	N	N	7	N	N	100	50	N	N	10	.04	1.80	80	110	.6	80	5
N0472FIN	7	N	20	5	15	150	100	N	10	70	.04	5.00	600	180	4.0	40	30
CRS	N	N	N	N	N	100	50	N	N	N	<.04	4.00	110	80	1.0	20	20
N0474FIN	5	N	15	5	15	200	100	N	10	50	.08	9.00	640	600	10.0	40	90
CRS	N	N	N	N	<10	N	50	N	N	N	.04	>10.00	840	420	7.5	150	90

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0476FIN	39,258	172,752	2.00	5.00	10.00	.200	>5,000	20	5,000	1.0	N	30	7	30	150	100
CRS	39,258	172,752	.50	7.00	15.00	.020	>5,000	<10	>5,000	N	10	<20	N	15	200	100
N0478FIN	39,266	172,754	2.00	5.00	15.00	.200	>5,000	20	2,000	1.0	<10	N	10	50	150	50
CRS	39,266	172,754	.50	10.00	>20.00	.015	>5,000	<10	2,000	N	N	N	N	<10	200	N
N0480FIN	39,275	172,760	1.50	5.00	10.00	.300	>5,000	30	2,000	1.5	<10	N	10	70	100	30
CRS	39,275	172,760	.50	7.00	20.00	.020	>5,000	10	2,000	N	<10	N	N	10	100	N
N0482FIN	39,283	172,765	2.00	5.00	10.00	.300	>5,000	50	2,000	2.0	<10	N	10	50	100	70
CRS	39,283	172,765	.50	10.00	20.00	.030	>5,000	10	2,000	N	10	N	N	10	150	N
N0484FIN	39,293	172,768	3.00	7.00	10.00	.300	>5,000	30	1,500	2.0	<10	20	10	50	100	30
CRS	39,293	172,768	1.00	10.00	20.00	.050	>5,000	10	1,500	N	<10	20	5	20	200	N
N0486FIN	39,346	172,792	1.00	>10.00	>20.00	.100	>5,000	15	700	N	N	N	5	30	30	N
CRS	39,346	172,792	.30	>10.00	>20.00	.020	>5,000	<10	200	N	<10	N	N	10	50	N
N0488FIN	39,356	172,790	.50	10.00	20.00	.070	5,000	15	300	N	N	N	N	30	20	N
CRS	39,356	172,790	.10	10.00	20.00	.020	5,000	<10	70	N	N	N	N	<10	7	N
N0490FIN	39,369	172,803	.50	10.00	15.00	.070	2,000	10	500	N	N	N	N	30	20	N
CRS	39,369	172,803	.30	7.00	20.00	.020	1,500	10	500	N	N	N	N	10	10	N
N0492FIN	39,373	172,811	1.00	10.00	15.00	.150	2,000	20	700	1.0	N	N	5	50	30	N
CRS	39,373	172,811	1.00	7.00	20.00	.050	1,500	10	500	N	N	N	N	30	30	N
N0494FIN	39,384	172,815	2.00	3.00	7.00	.300	1,000	30	700	1.5	N	10	70	50	20	20
CRS	39,384	172,815	1.00	5.00	15.00	.100	700	20	500	1.0	N	N	7	50	50	20
N0496FIN	39,392	172,820	.07	>10.00	20.00	.007	2,000	N	100	N	N	N	N	<10	30	N
CRS	39,392	172,820	<.05	10.00	15.00	.005	1,000	N	30	N	N	N	N	N	50	N
N0498FIN	39,402	172,819	.10	>10.00	20.00	.001	2,000	N	20	N	N	N	N	N	50	N
CRS	39,402	172,819	.10	>10.00	20.00	.001	1,000	N	<20	N	N	N	N	N	30	N
N0500FIN	39,413	172,817	.50	10.00	20.00	.070	>5,000	10	2,000	N	<10	N	N	30	50	20
CRS	39,413	172,817	.07	5.00	10.00	.020	3,000	<10	300	N	10	N	N	10	50	N
N0502FIN	39,466	172,836	5.00	3.00	5.00	.500	5,000	50	2,000	5.0	15	N	20	150	70	50
CRS	39,466	172,836	5.00	5.00	10.00	.300	2,000	10	1,000	N	10	N	20	100	70	50
N0504FIN	39,555	172,825	5.00	1.00	2.00	.500	1,000	50	1,000	2.0	10	<20	15	200	100	30
CRS	39,555	172,825	.70	.50	20.00	.200	500	50	300	1.0	<10	20	N	200	70	20
N0506FIN	39,567	172,817	3.00	1.00	10.00	.500	500	70	1,000	2.0	10	<20	10	500	100	50
CRS	39,567	172,817	.20	.20	15.00	.150	100	50	150	N	10	N	N	200	100	20
N0509FIN	39,247	170,980	3.00	5.00	5.00	.200	2,000	50	1,000	2.0	10	N	15	70	70	50
CRS	39,247	170,980	2.00	5.00	7.00	.300	2,000	20	700	1.0	N	N	10	50	70	50
N0511FIN	39,247	170,999	3.00	5.00	5.00	.300	1,500	50	700	3.0	<10	N	10	50	50	20
CRS	39,247	170,999	5.00	10.00	15.00	.100	1,500	10	200	1.5	10	N	5	20	100	N
N0516FIN	41,540	170,445	3.00	5.00	15.00	.500	700	30	2,000	1.5	N	N	10	50	10	30
CRS	41,540	170,445	.50	10.00	>20.00	.030	300	<10	5,000	<1.0	N	N	<5	15	<5	<20
N0518FIN	41,550	170,430	2.00	7.00	20.00	.150	500	50	2,000	<1.0	N	N	7	70	5	20
CRS	41,550	170,430	1.50	10.00	20.00	.150	300	30	1,000	<1.0	N	N	5	50	<5	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0476FIN	7	N	20	10	N	300	100	N	20	100	.10	>10.00	600	2,700	23.0	100	80
CRS	<5	N	7	N	N	100	30	N	10	N	.15	>10.00	660	2,100	38.0	60	60
N0478FIN	15	N	30	7	10	200	150	N	20	100	.08	3.50	220	820	8.0	100	90
CRS	5	N	15	N	N	100	100	N	N	N	.04	3.50	600	700	5.0	150	70
N0480FIN	7	N	30	7	N	300	150	N	20	200	.04	1.60	180	540	4.0	40	60
CRS	N	N	5	N	N	100	50	N	N	15	.04	2.20	600	600	2.0	30	60
N0482FIN	5	10	30	10	<10	300	150	N	20	150	.06	1.00	190	430	2.5	60	50
CRS	N	N	7	N	N	100	50	N	N	10	.04	2.00	190	700	2.5	150	80
N0484FIN	5	10	20	10	15	300	150	N	20	200	.10	1.00	730	620	8.0	60	60
CRS	<5	N	10	N	N	150	70	N	10	20	.04	4.50	290	680	5.5	150	90
N0486FIN	5	N	15	N	10	200	100	N	10	70	.06	.11	200	110	1.0	30	10
CRS	5	N	<5	N	N	150	50	N	10	20	.04	.04	60	40	.6	20	4
N0488FIN	10	N	10	N	N	150	70	N	10	50	.10	.18	120	50	.6	10	8
CRS	N	N	N	N	N	100	30	N	N	10	.04	.22	50	20	.6	10	5
N0490FIN	N	N	20	N	N	150	70	N	N	20	.08	.09	160	200	1.0	20	15
CRS	N	N	15	N	N	200	50	N	N	10	.06	.14	80	160	1.0	100	15
N0492FIN	N	N	20	5	N	200	100	N	15	50	.04	.20	190	90	1.0	10	25
CRS	N	N	15	N	N	200	70	N	15	30	.04	.26	180	110	3.5	150	50
N0494FIN	N	N	30	7	10	200	200	N	20	200	.06	.16	400	200	2.0	20	15
CRS	N	N	20	5	150	150	150	N	15	50	.04	.22	210	230	4.0	30	20
N0496FIN	N	N	N	N	N	N	30	N	N	N	.04	.11	170	20	.6	<10	8
CRS	N	N	N	N	N	N	10	N	N	N	.04	.08	85	10	1.5	<10	5
N0498FIN	N	N	N	N	N	N	30	N	N	N	.10	.22	240	35	.8	<10	8
CRS	N	N	N	N	N	N	20	N	N	N	.04	.14	100	30	2.0	10	6
N0500FIN	N	N	5	N	15	300	100	N	10	30	.40	.55	600	170	5.0	60	100
CRS	N	N	N	N	N	N	30	N	N	N	.25	.20	140	45	3.0	10	30
N0502FIN	20	N	30	15	70	500	200	N	30	150	.20	1.30	3,500	600	7.5	200	150
CRS	5	N	20	7	N	300	150	N	20	100	.04	.11	280	100	<2	10	10
N0504FIN	20	10	50	10	50	700	150	N	20	200	.15	.90	2,100	550	4.0	100	45
CRS	5	N	30	5	N	1,000	100	N	20	150	<.04	.15	240	95	.4	10	4
N0506FIN	20	10	50	10	50	1,500	150	N	50	500	.20	.55	2,000	500	4.0	150	45
CRS	N	N	20	N	N	1,000	50	N	15	100	.04	.15	110	60	<2	10	3
N0509FIN	5	10	30	15	<10	200	100	N	30	200	.10	.28	140	210	1.5	10	35
CRS	7	N	30	7	N	100	200	N	30	50	<.04	.45	400	450	5.5	10	80
N0511FIN	5	N	30	10	N	200	100	N	20	150	<.04	.20	100	220	1.0	30	30
CRS	15	N	30	5	N	100	100	N	20	30	<.04	.30	160	500	3.5	300	90
N0516FIN	N	N	15	7	N	300	100	N	15	200	<.04	.08	40	110	<2	<10	3
CRS	N	N	5	N	N	100	20	N	N	15	<.04	.03	40	60	<2	10	1
N0518FIN	N	N	20	5	N	200	70	N	10	30	<.04	.20	50	140	.2	10	<1
CRS	N	N	15	5	N	150	50	N	10	20	<.04	.26	45	110	<2	20	<1

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ea	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0520FIN	41,545	170,360	5.00	5.00	15.00	.200	700	50	1,000	1.0	N	N	10	70	7	30
CRS	41,545	170,360	2.00	7.00	15.00	.150	700	50	1,000	1.0	N	N	7	30	<5	20
N0522FIN	41,480	170,335	7.00	5.00	15.00	.300	700	50	1,000	1.5	N	N	10	100	15	30
CRS	41,480	170,335	5.00	7.00	15.00	.150	500	30	2,000	1.0	N	N	5	70	10	<20
N0524FIN	41,365	170,370	10.00	7.00	>20.00	.500	700	50	1,000	1.5	N	N	15	70	30	70
CRS	41,365	170,370	3.00	10.00	>20.00	.150	500	30	500	1.0	N	N	7	30	5	20
N0526FIN	41,325	170,380	1.50	7.00	>20.00	.150	700	20	500	1.0	N	N	7	30	10	50
CRS	41,325	170,380	.20	10.00	>20.00	.015	150	<10	150	<1.0	N	N	<10	<10	5	20
N0528FIN	41,455	170,550	15.00	1.50	15.00	1.000	1,500	100	1,500	2.0	N	N	20	200	50	100
CRS	41,455	170,550	15.00	1.50	20.00	.700	1,000	100	1,000	2.0	N	N	20	150	50	100
N0530FIN	41,435	170,540	15.00	1.50	7.00	.700	1,500	50	2,000	2.0	N	N	15	150	30	70
CRS	41,435	170,540	15.00	1.00	30.00	.700	1,000	70	2,000	2.0	N	N	15	150	30	70
N0532FIN	41,190	170,540	2.00	1.50	3.00	.300	500	30	500	1.0	N	N	10	50	20	50
CRS	41,190	170,540	.50	2.00	7.00	.020	200	<10	100	N	N	N	7	<10	10	N
N0534FIN	41,165	170,540	2.00	1.00	1.50	.300	700	30	700	1.5	N	N	10	50	20	50
CRS	41,165	170,540	1.00	3.00	10.00	.150	300	15	300	<1.0	N	N	5	20	10	20
N0536FIN	41,045	170,540	10.00	5.00	15.00	.500	700	30	1,000	1.5	N	N	10	70	20	50
CRS	41,045	170,540	.50	>10.00	>20.00	.030	150	<10	100	N	N	N	<5	10	<5	<20
N0538FIN	41,030	170,520	5.00	5.00	15.00	.500	700	20	1,000	1.5	N	N	10	100	30	50
CRS	41,030	170,520	3.00	>10.00	20.00	.200	700	20	700	1.0	N	N	7	50	7	20
N0540FIN	40,880	170,450	7.00	5.00	10.00	.700	1,000	20	1,000	1.5	N	N	15	100	30	50
CRS	40,880	170,450	2.00	10.00	>20.00	.050	300	10	100	1.0	N	N	5	20	7	20
N0542FIN	40,880	170,485	5.00	3.00	7.00	.700	700	30	500	1.5	N	N	10	70	20	50
CRS	40,880	170,485	3.00	>10.00	20.00	.200	700	30	200	<1.0	N	N	<5	30	<5	<20
N0544FIN	40,575	170,330	5.00	7.00	15.00	.300	700	50	500	1.5	N	N	10	150	20	30
CRS	40,575	170,330	1.00	>10.00	>20.00	.070	300	30	70	<1.0	N	N	5	30	<5	<20
N0546FIN	39,345	169,305	5.00	2.00	7.00	.500	1,000	50	1,000	1.5	N	N	10	70	20	50
CRS	39,345	169,305	5.00	1.50	20.00	.200	1,000	50	700	1.5	N	N	10	50	10	50
N0548FIN	39,350	169,250	7.00	1.50	15.00	.700	700	50	700	2.0	N	N	15	100	10	30
CRS	39,350	169,250	5.00	1.00	15.00	.500	500	50	500	1.5	N	N	10	70	7	20
N0550FIN	39,365	169,320	7.00	1.00	10.00	.300	700	50	500	1.5	N	N	7	50	20	30
CRS	39,365	169,320	10.00	1.00	>20.00	.200	700	50	200	1.0	N	N	7	50	10	20
N0552FIN	39,590	169,125	2.00	1.00	3.00	.500	700	30	2,000	1.0	N	N	10	100	20	30
CRS	39,590	169,125	3.00	.70	2.00	.500	500	50	1,500	1.0	N	N	15	100	20	30
N0554FIN	39,655	169,060	2.00	1.00	.70	.300	500	30	3,000	1.0	N	N	15	70	20	30
CRS	39,655	169,060	3.00	1.00	.50	.500	300	50	2,000	1.0	N	N	15	100	30	50
N0556FIN	39,715	168,830	1.50	.70	1.00	.300	500	30	1,500	1.5	N	N	15	50	20	20
CRS	39,715	168,830	2.00	.50	.50	.500	200	50	2,000	1.5	N	N	10	100	30	20
N0558FIN	39,840	168,710	5.00	1.50	10.00	.500	700	50	1,000	1.5	N	N	10	70	20	30
CRS	39,840	168,710	2.00	.50	15.00	.100	150	50	1,000	<1.0	N	N	<5	70	10	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Instr-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Au	CH-Sb
N0520FIN	N	N	20	7	N	200	70	N	15	70	<.04	.10	45	110	<.2	10	1
CRS	N	N	15	7	N	150	70	N	10	30	<.04	.12	70	190	<.2	10	<1
N0522FIN	N	N	30	10	N	200	150	N	20	200	<.04	.12	55	190	<.2	10	2
CRS	<5	N	30	5	N	100	100	N	10	70	<.04	.06	45	80	<.2	10	2
N0524FIN	N	<10	30	10	N	300	150	N	30	300	<.04	.20	30	550	<.2	<10	1
CRS	<5	N	15	5	N	150	100	N	10	100	<.04	.18	35	30	<.2	<10	<1
N0526FIN	N	N	10	5	N	150	70	N	10	70	<.04	.11	35	25	.4	N	1
CRS	N	N	5	N	N	200	30	N	N	<10	<.04	.13	40	10	.4	N	<1
N0528FIN	<5	<10	100	15	N	700	200	N	50	300	<.04	.10	55	140	.4	10	3
CRS	5	<10	100	20	N	700	200	N	70	300	<.04	.22	35	140	.4	20	2
N0530FIN	N	<10	50	15	N	500	200	N	50	200	<.04	.14	35	100	<.2	<10	1
CRS	N	<10	70	15	N	500	200	N	50	300	<.04	.09	30	70	<.2	<10	1
N0532FIN	N	10	20	7	N	200	100	N	20	200	N	.15	35	70	.2	<10	3
CRS	N	N	5	N	N	N	10	N	N	20	N	.07	25	20	N	<10	<1
N0534FIN	N	10	15	10	N	200	100	N	20	200	N	.08	25	80	N	<10	3
CRS	N	N	15	<5	N	100	50	N	10	50	N	.04	20	40	N	<10	1
N0536FIN	N	<10	20	10	N	200	100	N	20	200	<.04	.35	75	80	.2	<10	2
CRS	N	N	5	N	N	100	20	N	N	15	<.04	.10	40	15	<.2	10	<1
N0538FIN	N	N	20	15	N	200	100	N	30	200	<.04	.26	35	70	<.2	<10	30
CRS	N	N	20	5	N	150	70	N	15	100	<.04	.10	35	25	<.2	10	35
N0540FIN	7	<10	30	10	N	300	150	N	30	300	<.04	.12	120	100	<.2	10	8
CRS	5	N	20	<5	N	100	50	N	10	20	<.04	.06	55	30	<.2	10	6
N0542FIN	<5	N	30	7	N	200	150	N	20	300	<.04	.11	40	65	.4	10	30
CRS	N	N	7	<5	N	<100	30	N	<10	20	<.04	.09	40	25	.2	<10	35
N0544FIN	<5	N	50	5	10	300	200	N	15	200	<.04	.18	240	100	.8	20	10
CRS	N	N	15	<5	N	100	70	N	N	50	<.04	.06	70	15	<.2	10	6
N0546FIN	N	N	20	10	<10	500	100	N	20	150	<.04	.22	140	180	1.5	20	<1
CRS	<5	N	20	7	<10	500	70	N	20	70	<.04	.40	100	140	1.0	60	<1
N0548FIN	N	<10	20	10	N	200	100	N	20	200	<.04	.14	55	75	.4	10	4
CRS	N	N	15	7	N	200	70	N	15	150	<.04	.08	45	35	.4	40	3
N0550FIN	<5	<10	15	7	N	300	100	N	15	200	<.04	.50	100	140	.8	60	30
CRS	5	<10	20	7	N	300	100	N	20	100	<.04	.50	50	50	<.2	100	3
N0552FIN	N	N	20	7	N	100	150	N	20	200	N	.20	45	100	.4	<10	6
CRS	N	10	50	10	N	200	N	N	20	300	N	.14	75	130	.2	10	2
N0554FIN	N	N	30	10	N	150	150	N	30	200	N	.26	55	120	.2	10	8
CRS	N	10	50	15	N	N	200	N	20	150	N	.20	35	140	N	<10	1
N0556FIN	N	N	50	7	N	150	150	N	20	150	N	.28	55	200	1.0	<10	8
CRS	N	10	70	10	N	100	200	N	20	150	N	.15	20	180	N	<10	1
N0558FIN	N	N	30	10	N	300	150	N	20	150	<.04	.20	40	140	<.2	10	4
CRS	5	N	30	<5	N	200	100	N	15	50	<.04	.07	30	100	.6	20	2

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0560FIN	39,880	168,750	5.00	1.00	7.00	.300	500	20	700	1.0	N	N	7	50	20	30
CRS	39,880	168,750	2.00	.70	>20.00	.100	300	20	700	N	N	N	5	70	5	20
N0562FIN	39,950	168,570	5.00	1.50	10.00	.300	700	30	1,000	1.5	N	N	10	70	15	50
CRS	39,950	168,570	3.00	2.00	15.00	.150	500	20	700	1.0	N	N	7	70	10	30
N0564FIN	40,150	168,340	3.00	1.50	15.00	.300	500	30	700	1.5	N	N	10	70	15	30
CRS	40,150	168,340	5.00	1.50	20.00	.300	300	30	500	<1.0	N	N	10	200	7	50
N0566FIN	38,505	167,370	5.00	5.00	10.00	.300	500	15	700	1.0	N	N	7	50	15	30
CRS	38,505	167,370	.70	10.00	>20.00	.030	150	<10	300	<1.0	N	N	<5	10	7	20
N0568FIN	38,505	167,405	7.00	5.00	10.00	.500	500	20	3,000	1.0	N	N	10	70	10	50
CRS	38,505	167,405	1.50	7.00	15.00	.070	500	10	>5,000	<1.0	N	N	<5	15	10	30
N0570FIN	38,405	167,350	5.00	5.00	7.00	1.000	500	20	1,000	1.5	N	N	15	70	15	50
CRS	38,405	167,350	.30	10.00	>20.00	.030	70	<10	500	N	N	N	<5	10	<5	<20
N0572FIN	38,415	167,545	5.00	5.00	10.00	.300	500	20	2,000	1.5	N	N	7	50	10	30
CRS	38,415	167,545	.50	10.00	>20.00	.050	200	10	>5,000	N	N	N	N	15	5	<20
N0574FIN	38,530	168,095	7.00	5.00	10.00	.300	700	20	2,000	1.5	N	N	15	70	15	50
CRS	38,530	168,095	3.00	10.00	>20.00	.100	700	15	>5,000	<1.0	N	N	5	20	7	20
N0576FIN	38,535	168,070	5.00	3.00	10.00	.500	700	30	3,000	1.5	N	N	10	50	15	50
CRS	38,535	168,070	5.00	5.00	15.00	.200	1,000	20	>5,000	1.5	N	N	7	30	10	50
N0578FIN	38,535	167,560	5.00	3.00	7.00	.500	500	30	1,000	1.5	N	N	7	30	15	30
CRS	38,535	167,560	.50	>10.00	>20.00	.030	100	<10	150	N	N	N	N	10	5	<20
N0580FIN	38,556	173,999	3.00	2.00	7.00	.500	1,000	20	1,000	1.5	N	N	10	70	30	50
CRS	38,556	173,999	2.00	5.00	20.00	.100	1,000	20	1,000	<1.0	N	N	7	30	15	20
N0582FIN	38,524	174,001	5.00	1.50	5.00	.700	1,500	30	1,000	1.5	<10	N	15	70	50	50
CRS	38,524	174,001	2.00	1.00	>20.00	.150	1,500	15	300	1.0	N	N	7	30	10	20
N0584FIN	38,490	174,001	5.00	1.50	5.00	.700	2,000	20	1,000	1.5	N	N	15	50	30	70
CRS	38,490	174,001	.70	1.00	>20.00	.070	1,500	<10	150	<1.0	N	N	5	20	<5	<20
N0586FIN	38,468	174,011	7.00	.70	5.00	.500	700	30	1,000	1.5	N	N	10	50	15	50
CRS	38,468	174,011	2.00	.50	>20.00	.150	700	10	200	<1.0	N	N	5	20	5	30
N0588FIN	38,628	173,464	5.00	1.50	5.00	.300	700	20	1,000	1.5	N	N	10	70	20	50
CRS	38,628	173,464	5.00	1.00	10.00	.300	1,000	30	1,000	1.5	N	N	10	50	20	50
N0590FIN	38,176	173,512	5.00	1.00	3.00	.500	700	20	700	1.5	N	N	15	50	20	50
CRS	38,176	173,512	5.00	.70	2.00	.300	1,000	20	700	1.5	N	N	10	50	20	50
N0592FIN	38,240	173,332	5.00	2.00	7.00	.500	1,000	50	500	1.5	N	N	15	50	15	30
CRS	38,240	173,332	1.00	5.00	>20.00	.100	1,000	10	200	<1.0	N	N	7	20	5	<20
N0594FIN	38,304	173,362	3.00	3.00	7.00	.300	1,000	20	300	1.5	N	N	7	30	10	20
CRS	38,304	173,362	.50	10.00	>20.00	.020	1,000	<10	<20	N	N	N	N	<10	5	<20
N0596FIN	38,540	173,502	3.00	3.00	7.00	.300	1,000	20	500	1.5	N	N	10	50	10	30
CRS	38,540	173,502	1.00	10.00	20.00	.070	1,000	10	150	<1.0	N	N	5	15	20	<20
N0598FIN	38,469	173,374	5.00	3.00	10.00	.500	1,000	50	1,000	1.5	N	N	15	70	20	<20
CRS	38,469	173,374	1.00	10.00	>20.00	.050	1,500	<10	100	<1.0	N	N	<5	10	5	<20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inat-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0560FIN	5	N	20	10	N	300	150	N	20	300	<.04	.13	60	80	.6	10	10
CRS	7	N	15	5	N	300	150	N	20	100	<.04	.08	30	40	.4	<10	1
N0562FIN	N	<10	20	10	N	300	150	N	20	200	<.04	.13	30	60	.2	10	3
CRS	N	<10	30	7	N	200	100	N	15	70	<.04	.18	25	50	<.2	10	5
N0564FIN	N	N	30	10	N	500	150	N	20	150	<.04	.12	30	85	.2	<10	4
CRS	<5	N	50	7	N	500	150	N	20	150	<.04	.07	30	75	.2	<10	2
N0566FIN	N	N	15	10	N	300	100	N	20	200	<.04	.12	30	45	<.2	<10	2
CRS	N	N	5	N	N	300	50	N	30	15	<.04	.18	25	15	1.0	10	1
N0568FIN	N	<10	20	10	N	500	100	N	30	200	<.04	.12	30	40	<.2	N	3
CRS	N	N	10	5	N	700	50	N	30	30	<.04	.14	30	20	1.0	<10	3
N0570FIN	N	<10	20	15	N	300	150	N	20	200	<.04	.08	30	50	<.2	N	2
CRS	N	N	<5	N	N	<100	20	N	N	10	<.04	.08	25	10	<.2	N	<1
N0572FIN	N	<10	15	10	N	200	100	N	20	200	<.04	.10	35	55	<.2	N	1
CRS	N	N	5	N	N	<100	30	N	<10	15	<.04	.06	30	15	<.2	<10	<1
N0574FIN	N	<10	20	10	N	300	150	N	20	200	<.04	.12	35	60	.2	<10	2
CRS	N	N	15	<5	N	200	70	N	<10	20	<.04	.15	30	30	<.2	<10	2
N0576FIN	N	<10	20	10	N	300	100	N	20	150	<.04	.10	30	50	<.2	<10	2
CRS	N	<10	15	7	N	300	70	N	20	150	<.04	.13	30	35	<.2	<10	3
N0578FIN	N	<10	15	10	N	300	100	N	20	150	<.04	.18	30	90	<.2	N	5
CRS	N	N	5	N	N	<100	20	N	N	10	<.04	.12	20	20	<.2	<10	1
N0580FIN	N	<10	20	10	N	300	150	N	20	200	<.04	.16	180	140	.4	<10	4
CRS	N	<10	15	5	N	200	70	N	20	50	<.04	.26	110	100	.2	10	3
N0582FIN	N	<10	30	15	N	500	150	N	30	200	<.04	.17	440	150	.8	<10	6
CRS	N	<10	15	7	N	300	70	N	30	70	<.04	.26	200	65	<.2	10	2
N0584FIN	N	<10	30	15	N	500	150	N	30	300	<.04	.15	320	110	<.2	10	6
CRS	N	N	5	<5	N	300	70	N	20	50	<.04	.14	95	40	<.2	10	2
N0586FIN	N	N	20	10	N	300	150	N	20	200	<.04	.20	300	140	.6	20	15
CRS	N	N	10	5	N	300	70	N	20	70	<.04	.10	90	45	<.2	40	6
N0588FIN	N	N	20	10	N	300	100	N	20	200	<.04	.18	240	300	.4	10	10
CRS	N	N	20	10	N	300	100	N	20	200	<.04	.18	120	260	<.2	<10	6
N0590FIN	N	<10	20	10	N	300	100	N	20	300	<.04	.18	60	95	<.2	<10	6
CRS	5	<10	20	10	N	200	100	N	20	200	<.04	.45	55	100	.2	20	10
N0592FIN	N	<10	20	10	N	300	100	N	20	200	<.04	.20	120	90	<.2	<10	6
CRS	N	N	10	5	N	200	50	N	15	70	<.04	.15	45	50	<.2	<10	3
N0594FIN	N	N	15	7	N	200	70	N	15	100	<.04	.50	130	110	.4	20	10
CRS	N	N	<5	N	N	<100	20	N	<10	<10	<.04	.60	50	35	<.2	40	3
N0596FIN	N	<10	15	7	N	200	100	N	15	150	<.04	.60	250	180	.8	10	20
CRS	<5	N	15	N	N	<100	70	N	20	20	<.04	1.40	520	200	2.0	60	35
N0598FIN	N	<10	20	15	N	300	150	N	20	150	<.04	.30	140	140	.4	20	10
CRS	<5	N	5	N	N	<100	50	N	N	15	<.04	.65	45	50	.2	30	4

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-HgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0600FIN	38,605	173,326	10.00	1.50	7.00	.500	2,000	50	1,500	1.5	N	N	15	70	50	70
CRS	38,605	173,326	1.50	.50	20.00	.100	1,000	10	700	<1.0	N	N	5	10	7	20
N0602FIN	40,635	172,335	3.00	2.00	3.00	.200	700	30	500	1.0	N	N	7	50	30	20
CRS	40,635	172,335	1.50	7.00	7.00	.070	700	20	150	<1.0	N	N	5	20	50	N
N0604FIN	40,685	172,300	3.00	1.50	3.00	.200	700	30	500	1.5	N	N	7	30	30	20
CRS	40,685	172,300	5.00	3.00	5.00	.070	700	20	150	<1.0	N	N	5	20	30	<20
N0606FIN	40,710	172,285	3.00	3.00	3.00	.200	700	30	700	1.5	N	N	10	50	15	20
CRS	40,710	172,285	1.00	10.00	10.00	.030	200	15	50	<1.0	N	N	10	20	15	N
N0608FIN	40,760	172,225	3.00	2.00	3.00	.300	1,000	30	500	2.0	N	N	10	30	20	30
CRS	40,760	172,225	1.50	3.00	5.00	.100	700	20	300	1.5	N	N	5	20	10	20
N0610FIN	40,825	172,170	2.00	3.00	5.00	.150	500	20	300	1.0	N	N	5	30	10	20
CRS	40,825	172,170	.50	10.00	10.00	.015	100	10	<20	<1.0	N	N	N	20	20	N
N0612FIN	40,785	172,200	2.00	7.00	3.00	.150	300	50	300	1.5	N	N	5	30	10	20
CRS	40,785	172,200	1.00	7.00	10.00	.070	150	30	150	<1.0	N	N	5	30	20	<20
N0615FIN	39,480	172,940	3.00	3.00	3.00	.200	1,500	30	500	1.5	N	N	10	70	70	20
CRS	39,480	172,940	3.00	5.00	7.00	.070	1,500	20	300	<1.0	N	N	10	30	100	N
N0617FIN	39,550	172,990	5.00	1.50	2.00	.300	700	70	700	1.5	N	N	10	150	70	30
CRS	39,550	172,990	1.50	.50	7.00	.200	300	50	300	<1.0	N	N	5	70	50	20
N0619FIN	39,585	173,040	2.00	.70	1.00	.300	300	20	500	1.5	N	20	5	70	20	30
CRS	39,585	173,040	2.00	.70	3.00	.300	200	70	300	1.0	N	20	5	150	20	30
N0621FIN	39,600	172,910	2.00	1.00	3.00	.200	500	30	500	1.5	N	20	7	70	50	30
CRS	39,600	172,910	1.00	.70	20.00	.070	300	15	150	<1.0	N	N	N	50	30	<20
N0623FIN	39,570	172,825	2.00	1.00	3.00	.300	700	70	500	1.5	N	<20	10	150	30	30
CRS	39,570	172,825	3.00	1.00	5.00	.300	1,000	100	3,000	1.5	N	N	20	300	70	70
N0625FIN	39,605	172,715	2.00	.50	1.00	.200	300	20	700	1.0	N	<20	7	50	7	<20
CRS	39,605	172,715	5.00	.70	2.00	.500	700	70	3,000	1.0	N	N	20	150	70	50
N0627FIN	39,580	172,710	2.00	.70	3.00	.300	500	70	1,000	1.5	N	<20	7	100	30	30
CRS	39,580	172,710	2.00	.70	7.00	.300	500	100	2,000	1.0	N	<20	7	200	50	30
N0628FIN	39,400	173,810	5.00	1.00	1.50	.300	700	30	700	1.5	N	N	15	50	30	30
CRS	39,400	173,810	5.00	1.00	2.00	.300	700	20	700	1.5	N	N	15	50	50	30
N0629FIN	39,408	173,806	3.00	.70	1.00	.300	300	20	500	1.5	N	N	10	30	15	30
CRS	39,408	173,806	5.00	1.50	3.00	.300	700	15	1,000	1.0	N	N	20	100	20	50
N0631FIN	39,408	173,658	5.00	1.00	1.50	.300	500	20	700	1.5	N	N	15	50	50	30
CRS	39,408	173,658	7.00	1.50	2.00	.500	1,000	20	1,000	1.5	N	N	30	50	70	30
N0633FIN	39,418	173,658	3.00	.70	1.00	.300	500	20	700	1.5	N	N	10	50	30	30
CRS	39,418	173,658	5.00	1.50	2.00	.500	1,500	15	700	1.5	N	N	30	70	30	50
N0635FIN	39,505	173,542	5.00	1.00	1.50	.300	1,000	20	700	1.5	N	N	15	50	30	30
CRS	39,505	173,542	3.00	.70	1.50	.300	1,000	10	700	2.0	N	N	10	30	10	50
N0637FIN	39,508	173,536	5.00	1.00	1.50	.300	700	20	700	1.5	N	N	10	50	30	30
CRS	39,508	173,536	7.00	1.50	2.00	.500	1,000	10	1,000	1.5	N	N	20	100	30	70

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N0600FIN	N	<10	30	10	<10	300	200	N	30	300	<.04	.40	150	190	.6	10	10
CRS	N	N	10	5	N	200	50	N	15	50	<.04	.70	55	70	.6	20	4
N0602FIN	N	N	15	7	N	200	50	N	15	100	<.10	.06	70	50	1.0	10	2
CRS	N	N	10	N	N	N	20	N	10	30	<.10	.06	50	15	1.5	10	1
N0604FIN	N	N	15	7	N	200	70	N	20	150	<.10	.08	60	50	.7	20	2
CRS	N	N	15	5	N	<100	30	N	10	100	<.10	.08	60	30	1.0	20	2
N0606FIN	N	<20	15	10	N	200	70	N	20	150	<.10	.09	105	70	1.0	<10	3
CRS	N	N	5	N	N	<100	15	N	<10	20	<.10	.08	45	10	2.0	10	1
N0608FIN	N	N	20	10	N	200	70	N	20	150	<.10	.08	95	65	.7	20	3
CRS	N	N	10	7	N	100	30	N	15	50	<.10	.10	65	50	1.0	20	2
N0610FIN	N	N	15	5	N	150	30	N	10	70	<.10	.13	60	50	1.0	40	2
CRS	N	N	7	N	N	<100	20	N	N	10	<.10	.09	45	15	2.0	40	1
N0612FIN	N	N	15	7	N	100	50	N	10	70	<.10	.21	50	45	1.0	20	2
CRS	N	N	10	5	N	100	30	N	10	30	<.10	.11	45	15	1.5	20	1
N0615FIN	15	<20	30	7	70	150	70	N	20	150	.38	.67	2,500	330	4.5	200	60
CRS	5	N	30	5	<10	<100	70	N	10	50	<.10	.55	250	180	1.0	400	10
N0617FIN	<5	<20	50	15	15	300	100	N	30	150	.14	.25	700	210	1.5	40	15
CRS	N	<20	20	5	N	700	50	N	20	100	<.10	.03	35	15	3.5	40	2
N0619FIN	15	N	20	10	20	500	70	N	20	300	.24	.34	1,500	310	3.0	160	25
CRS	N	N	30	7	<10	700	70	N	20	200	<.10	.09	550	150	1.0	80	8
N0621FIN	15	N	30	10	50	300	70	N	20	200	.34	.56	2,400	350	5.0	400	50
CRS	N	N	15	5	N	300	30	N	15	70	<.10	.06	30	5	2.5	40	3
N0623FIN	5	N	70	15	10	1,500	100	N	30	300	.16	.18	350	180	1.5	80	15
CRS	7	<20	100	15	10	2,000	150	N	30	200	<.10	.08	55	120	.7	80	6
N0625FIN	N	N	30	7	N	150	70	N	15	200	<.10	.17	500	180	1.7	40	15
CRS	5	<20	70	15	N	300	150	N	30	300	<.10	.10	140	130	.7	40	4
N0627FIN	10	<20	30	7	15	1,000	70	N	20	150	.19	.32	900	310	3.0	80	25
CRS	N	N	50	5	N	1,500	100	N	15	300	<.10	.10	110	90	1.0	40	10
N0628FIN	N	N	20	10	10	300	70	N	20	150	<.10	.18	1,500	350	.5	40	10
CRS	N	<20	15	10	N	300	70	N	20	150	<.10	.40	6,500	1,200	.5	10	6
N0629FIN	N	<20	15	7	<10	200	50	N	15	150	<.10	.40	130	95	.5	20	15
CRS	N	<20	20	15	<10	300	100	N	30	150	N	.06	170	130	.5	10	4
N0631FIN	N	<20	15	10	10	300	100	N	20	100	<.10	.50	140	110	1.0	60	20
CRS	N	<20	15	30	<10	300	100	N	15	150	N	.12	450	170	.5	20	10
N0633FIN	5	<20	15	10	15	300	70	N	15	150	<.10	.35	85	60	1.0	80	20
CRS	N	<20	20	15	<10	500	150	N	20	150	N	.10	220	140	.5	20	5
N0635FIN	N	<20	20	10	10	300	70	N	20	150	<.10	.26	250	80	1.0	40	15
CRS	N	<20	15	7	N	300	70	N	20	150	N	.08	700	180	.5	10	3
N0637FIN	5	<20	20	10	15	300	70	N	20	150	<.10	.35	110	100	1.5	40	20
CRS	N	<20	30	10	N	500	150	N	30	150	N	.10	850	300	.5	10	4

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Ni%	S-Ca%	S-Ti%	S-Mn	S-Z	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0640FIN	39,620	173,220	7.00	1.00	1.50	.300	700	15	700	1.5	N	N	10	30	20	50
CRS	39,620	173,220	7.00	1.00	2.00	.500	500	<10	1,000	1.0	N	N	10	20	20	70
N0642FIN	39,622	173,196	3.00	1.00	1.50	.300	300	20	700	2.0	N	N	7	30	15	50
CRS	39,622	173,196	7.00	1.00	2.00	.500	1,000	10	1,000	1.5	N	N	15	30	30	70
N0644FIN	39,572	173,148	3.00	1.00	2.00	.200	700	20	500	1.5	N	20	7	70	50	30
CRS	39,572	173,148	2.00	.70	7.00	.150	700	15	300	<1.0	N	N	5	50	15	20
N0646FIN	39,534	173,168	3.00	.70	1.50	.200	300	20	700	1.5	N	<20	7	100	20	20
CRS	39,534	173,168	2.00	.50	3.00	.150	200	20	300	<1.0	N	<20	5	150	15	20
N0648FIN	39,506	173,162	3.00	.70	1.00	.200	500	15	500	1.5	<10	50	5	50	70	30
CRS	39,506	173,162	1.50	.20	1.50	.150	300	10	700	1.0	N	<20	5	70	20	20
N0650FIN	39,495	173,168	3.00	1.00	2.00	.200	700	15	500	1.5	N	20	7	70	30	30
CRS	39,495	173,168	.70	.15	5.00	.070	700	10	200	<1.0	N	<20	<5	50	50	20
N0652FIN	39,445	173,170	5.00	.70	3.00	.200	700	20	700	1.0	15	100	5	150	300	20
CRS	39,445	173,170	3.00	.50	7.00	.100	700	15	300	<1.0	<10	30	5	150	50	20
N0654FIN	39,438	173,172	3.00	.50	5.00	.150	700	15	300	1.5	10	30	5	30	70	20
CRS	39,438	173,172	3.00	.50	15.00	.150	1,000	10	150	<1.0	<10	<20	<5	50	20	<20
N0656FIN	39,470	173,270	2.00	.50	.70	.150	200	10	300	2.0	N	N	<5	20	7	30
CRS	39,470	173,270	3.00	.70	1.00	.150	300	10	500	2.0	N	N	<5	<10	10	30
N0658FIN	39,470	173,284	3.00	1.00	1.00	.150	300	10	300	2.0	N	N	<5	<10	7	30
CRS	39,470	173,284	2.00	.50	1.00	.100	700	<10	300	2.0	N	N	<5	<10	10	30
N0661FIN	39,335	173,102	3.00	1.50	3.00	.300	1,500	20	700	1.5	N	N	7	30	50	30
CRS	39,335	173,102	2.00	5.00	7.00	.100	1,500	15	300	<1.0	N	N	5	20	30	20
N0663FIN	39,310	173,078	3.00	2.00	3.00	.300	700	20	700	1.5	N	N	7	50	30	30
CRS	39,310	173,078	1.00	5.00	7.00	.070	700	10	150	<1.0	<10	N	5	20	30	<20
N0665FIN	39,252	173,068	5.00	.70	1.50	.300	700	20	700	2.0	<10	<20	7	50	70	30
CRS	39,252	173,068	3.00	.50	.50	.200	700	15	300	1.5	N	<20	7	20	100	20
N0667FIN	39,245	173,058	5.00	.70	1.00	.500	700	15	500	1.5	N	N	7	50	30	30
CRS	39,245	173,058	2.00	.20	.30	.200	300	10	200	<1.0	N	<20	5	20	20	20
N0669FIN	39,242	172,960	3.00	.70	1.50	.300	500	20	500	1.5	N	N	10	30	50	30
CRS	39,242	172,960	1.50	.15	.30	.150	200	10	150	<1.0	<10	N	5	20	70	20
N0671FIN	39,250	172,934	3.00	.70	1.50	.500	700	20	700	1.5	N	N	10	30	50	30
CRS	39,250	172,934	2.00	.15	.30	.150	200	10	150	<1.0	N	N	5	20	100	20
N0673FIN	39,288	172,945	5.00	1.50	2.00	.300	1,000	20	500	1.5	N	N	10	30	50	30
CRS	39,288	172,945	2.00	1.50	3.00	.150	700	15	200	1.0	<10	N	5	<10	20	20
N0675FIN	39,510	173,102	5.00	.70	1.50	.300	300	20	500	1.0	N	50	5	70	100	30
CRS	39,510	173,102	3.00	.30	3.00	.300	300	20	500	1.0	N	<20	5	100	30	20
N0677FIN	39,428	173,125	3.00	1.00	1.00	.200	500	20	500	1.5	<10	50	7	150	100	20
CRS	39,428	173,125	3.00	.50	3.00	.200	500	15	500	1.5	N	20	7	150	50	30
N0679FIN	39,770	172,440	3.00	.70	1.00	.200	300	20	700	1.5	N	N	7	50	20	50
CRS	39,770	172,440	3.00	.15	.10	.150	100	20	700	1.0	N	N	5	30	30	50

Table 2. -Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CN-As	CN-Sb
N0640FIN	N	N	15	15	10	300	70	N	20	100	<.10	.18	2,000	600	1.0	80	15
CRS	N	<20	5	10	<10	500	100	N	20	150	N	.04	150	55	.5	10	2
N0642FIN	15	<20	10	7	10	300	70	N	20	150	<.10	.16	700	210	.5	20	10
CRS	N	<20	15	10	<10	500	100	N	20	150	N	.06	350	120	N	<10	2
N0644FIN	7	N	20	7	100	500	70	N	15	200	.20	.50	1,100	350	2.0	200	45
CRS	N	N	15	5	<10	300	50	N	15	70	<.10	.16	35	20	.5	40	10
N0646FIN	10	N	30	7	20	300	70	N	15	200	<.10	.12	500	100	.5	40	8
CRS	N	N	30	7	N	300	50	N	15	100	N	.08	200	60	.5	20	2
N0648FIN	15	N	20	7	150	200	70	N	15	150	.65	4.00	950	200	6.5	400	80
CRS	5	N	30	5	<10	100	70	N	10	100	<.10	.60	6,500	800	1.0	80	15
N0650FIN	N	N	20	7	30	200	70	N	15	150	.20	4.00	5,000	1,100	2.5	200	45
CRS	N	N	15	5	N	150	30	N	10	70	N	.35	18,000	2,500	--	20	5
N0652FIN	50	N	50	7	700	150	100	N	15	200	3.00	3.00	230	110	19.0	3,000	300
CRS	N	N	50	5	150	200	50	N	10	70	.45	1.00	2,200	600	4.5	150	70
N0654FIN	10	N	30	5	200	100	70	N	10	70	1.00	2.00	1,100	350	9.0	1,200	200
CRS	N	N	30	5	20	100	30	N	10	100	<.10	.14	7,000	1,100	--	--	--
N0656FIN	N	<20	5	5	<10	150	15	N	15	70	<.10	.18	140	120	N	20	5
CRS	N	<20	10	5	<10	150	20	N	15	100	N	.10	25	45	N	<10	2
N0658FIN	15	<20	5	5	<10	150	20	N	15	150	N	.10	900	180	.5	40	8
CRS	N	<20	<5	N	N	100	10	N	15	70	N	.06	750	190	N	N	1
N0661FIN	20	<20	15	7	20	200	50	N	15	150	<.10	.60	3,000	600	1.5	80	30
CRS	N	N	15	5	N	100	30	N	10	50	<.10	.40	140	70	.5	20	15
N0663FIN	5	<20	15	7	15	150	50	N	15	200	<.10	.35	400	150	1.0	20	20
CRS	N	N	10	5	N	N	20	N	<10	50	N	.40	45	60	--	10	8
N0665FIN	10	<20	15	10	100	200	70	N	15	200	.30	1.00	850	160	3.0	150	60
CRS	N	N	10	5	10	100	50	N	10	70	<.10	.90	190	70	1.5	80	40
N0667FIN	N	<20	15	10	20	200	70	N	20	200	<.10	.80	160	80	.5	80	20
CRS	N	N	10	5	N	N	30	N	10	100	<.10	.22	650	180	.5	40	15
N0669FIN	N	<20	15	10	N	200	70	N	15	150	<.10	.26	190	95	.5	20	15
CRS	N	N	10	5	N	N	30	N	10	100	N	.40	750	210	.5	20	15
N0671FIN	5	N	15	7	10	200	70	N	15	300	<.10	.40	170	100	.5	20	15
CRS	N	N	10	5	N	N	50	N	10	70	N	.60	800	190	.5	40	20
N0673FIN	N	N	20	10	N	200	70	N	15	150	N	.28	70	60	.5	10	10
CRS	N	N	10	5	N	100	30	N	10	50	N	.80	400	120	1.0	40	15
N0675FIN	10	N	30	7	150	150	70	N	15	200	.55	2.00	95	85	6.0	1,000	100
CRS	5	N	20	5	10	150	50	N	15	150	<.10	.60	350	140	1.0	40	30
N0677FIN	30	N	50	7	200	150	100	N	20	200	.50	1.50	6,000	1,000	5.5	600	100
CRS	5	N	70	7	30	150	100	N	20	150	.25	.75	1,900	600	--	--	40
N0679FIN	N	N	20	15	20	200	100	N	100	200	<.10	.40	650	<20	1.0	80	15
CRS	N	N	15	10	N	200	150	N	150	150	<.10	.16	220	100	N	120	4

Table 2.—Geochemical analyses of fine and coarse roll samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-PeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0681FIN	39,770	172,455	3.00	.30	.30	.150	150	15	500	1.0	N	N	5	30	20	30
CRS	39,770	172,455	1.00	.10	.07	.100	30	15	700	<1.0	N	N	5	20	10	20
N0683FIN	39,830	172,460	3.00	.70	.70	.150	150	30	500	1.5	N	N	7	70	15	20
CRS	39,830	172,460	3.00	.50	.50	.200	70	30	500	1.5	N	N	7	70	30	20
N0685FIN	39,845	172,430	3.00	.70	.30	.300	150	30	500	1.5	N	N	7	70	50	20
CRS	39,845	172,430	5.00	.30	.30	.300	70	30	500	1.0	N	N	7	70	50	30
N0687FIN	39,540	172,605	2.00	.70	3.00	.150	300	20	700	<1.0	N	N	5	30	10	<20
CRS	39,540	172,605	3.00	.70	7.00	.200	300	20	1,000	<1.0	N	N	7	50	10	<20
N0689FIN	39,535	172,615	3.00	1.50	3.00	.200	700	30	700	1.0	N	N	7	70	20	20
CRS	39,535	172,615	3.00	1.00	7.00	.150	700	30	700	1.0	N	N	7	70	30	20
N0691FIN	39,525	172,595	5.00	1.00	1.50	.500	700	20	700	1.5	N	N	7	70	30	30
CRS	39,525	172,595	2.00	.20	3.00	.200	200	30	300	<1.0	N	N	5	70	15	20
N0693FIN	39,500	172,610	3.00	1.00	2.00	.500	500	20	500	1.5	N	N	5	70	20	20
CRS	39,500	172,610	1.50	.30	5.00	.150	300	30	300	1.0	N	N	5	100	50	20
N0695FIN	39,835	172,790	3.00	.70	1.00	.300	500	20	700	1.5	N	N	7	50	30	20
CRS	39,835	172,790	2.00	.10	.20	.150	200	20	500	1.0	N	N	5	20	30	20
N0697FIN	39,845	172,770	3.00	.70	.70	.200	500	20	500	1.5	N	N	7	30	30	20
CRS	39,845	172,770	2.00	.20	.30	.150	1,000	20	700	1.0	N	N	10	20	70	20
N0699FIN	39,825	172,880	3.00	.70	.50	.300	300	20	700	1.0	N	N	10	70	50	30
CRS	39,825	172,880	3.00	.50	.30	.300	700	20	500	1.0	N	N	10	50	50	30
N0701FIN	39,785	172,900	3.00	1.00	1.50	.200	700	30	700	1.0	N	N	10	70	20	20
CRS	39,785	172,900	3.00	.70	5.00	.150	500	20	1,500	<1.0	N	N	10	50	15	20
N0703FIN	39,775	172,905	5.00	1.00	1.00	.300	700	30	700	1.5	N	N	10	70	30	30
CRS	39,775	172,905	3.00	.30	.70	.150	300	30	1,000	1.0	N	N	7	30	50	20
N0705FIN	39,770	172,890	5.00	1.00	1.50	.200	700	30	700	1.0	N	N	7	70	20	30
CRS	39,770	172,890	3.00	.15	3.00	.150	200	20	700	<1.0	N	N	7	30	30	20
N0707FIN	39,745	172,895	3.00	.30	2.00	.300	300	20	500	1.0	N	N	7	30	15	20
CRS	39,745	172,885	3.00	.20	5.00	.200	300	20	700	<1.0	N	N	7	50	30	20
N0709FIN	39,760	172,850	3.00	.70	.70	.200	200	20	500	1.0	N	N	7	30	30	20
CRS	39,760	172,850	3.00	.15	1.50	.100	150	20	500	1.0	N	N	5	30	20	20
N0711FIN	39,670	172,840	3.00	.70	1.00	.200	500	20	700	1.0	N	N	10	50	20	30
CRS	39,670	172,840	2.00	.50	3.00	.100	300	15	500	<1.0	N	N	7	30	15	20
N0713FIN	39,690	172,805	3.00	.70	3.00	.150	300	20	700	1.0	N	N	7	50	50	30
CRS	39,690	172,805	1.00	.50	10.00	.070	200	10	300	<1.0	N	N	N	30	5	<20
N0715FIN	39,775	172,805	3.00	.70	1.00	.200	300	30	700	1.0	N	N	7	70	20	20
CRS	39,775	172,805	3.00	.20	1.00	.150	150	30	700	1.0	N	N	5	50	30	30
N0717FIN	39,775	172,775	3.00	.70	.70	.300	300	30	700	1.0	N	N	7	50	20	30
CRS	39,775	172,775	3.00	.20	.50	.150	200	20	700	1.0	N	N	5	30	20	20
N0719FIN	39,790	172,780	2.00	.50	1.00	.200	500	20	500	2.0	N	N	7	20	15	30
CRS	39,790	172,780	2.00	.20	.30	.150	150	30	700	1.0	N	N	5	20	30	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Ae	CH-Sb
N0681FIN	N	N	15	5	<10	150	70	N	20	150	<.10	1.10	350	110	.5	160	10
CRS	N	N	10	5	N	100	50	N	15	100	N	1.40	40	40	N	120	2
N0683FIN	N	N	50	10	N	150	200	N	15	100	N	—	190	100	—	—	—
CRS	N	N	50	10	N	150	200	N	15	100	N	.22	30	35	N	10	2
N0685FIN	N	N	70	10	10	150	150	N	15	200	N	.28	400	130	.5	80	10
CRS	N	N	50	10	<10	200	200	N	15	150	N	.14	65	50	N	10	4
N0687FIN	N	N	15	7	N	150	70	N	10	70	<.10	.18	350	130	.5	120	10
CRS	N	N	20	7	N	150	100	N	10	50	<.10	—	130	80	—	—	—
N0689FIN	N	N	20	7	15	200	100	N	15	100	<.10	.35	800	220	—	120	20
CRS	N	N	30	7	<10	200	100	N	15	70	<.10	.35	350	150	.5	160	8
N0691FIN	N	N	20	7	<10	300	100	N	20	300	<.10	.14	200	190	.5	10	8
CRS	N	N	15	5	N	300	50	N	10	150	N	.14	45	120	N	10	2
N0693FIN	✓	N	20	7	N	300	70	N	20	300	N	.40	40	110	N	10	2
CRS	N	N	20	5	N	200	50	N	15	70	N	.18	30	60	N	10	1
N0695FIN	<5	N	15	10	20	200	70	N	20	300	<.10	.18	350	120	.5	20	10
CRS	N	N	15	5	N	500	30	N	15	150	N	.18	50	40	N	10	1
N0697FIN	N	N	15	10	<10	200	70	N	15	150	<.10	.16	230	130	N	10	8
CRS	10	N	20	5	N	300	50	N	15	150	N	.10	65	50	N	10	2
N0699FIN	N	N	20	10	<10	200	70	N	30	200	N	.16	140	60	N	<10	4
CRS	5	N	30	10	N	300	70	N	20	300	N	.10	40	40	1.0	<10	1
N0701FIN	N	N	30	7	N	200	50	N	15	100	N	.16	190	90	N	10	4
CRS	5	N	30	7	N	300	50	N	15	70	N	—	60	45	—	—	—
N0703FIN	15	N	20	10	20	200	100	N	15	200	<.10	.28	400	200	.5	40	15
CRS	N	N	30	5	N	200	70	N	15	100	N	.10	90	75	—	—	3
N0705FIN	N	N	30	10	<10	200	70	N	15	150	N	.08	220	120	.5	10	6
CRS	5	N	20	5	N	200	70	N	15	150	N	.04	65	75	N	N	2
N0707FIN	N	N	20	7	N	200	100	N	15	150	<.10	.14	500	170	.5	10	10
CRS	N	N	30	7	N	200	100	N	15	70	N	.10	150	100	N	10	2
N0709FIN	5	N	20	7	30	200	70	N	15	70	.25	.60	2,100	550	2.0	160	50
CRS	N	N	30	5	N	200	100	N	15	100	N	.26	550	190	.5	10	6
N0711FIN	N	N	30	10	10	200	100	N	15	200	<.10	.24	600	180	1.0	10	15
CRS	N	N	15	7	N	200	70	N	10	70	N	.18	210	85	.5	10	4
N0713FIN	15	N	20	7	150	200	100	N	10	150	.30	.80	3,000	750	3.5	200	60
CRS	N	N	10	5	N	200	50	N	10	30	N	.14	400	85	.5	10	2
N0715FIN	N	N	30	7	N	300	70	N	15	150	<.10	.16	180	120	.5	N	4
CRS	N	N	30	5	N	500	100	N	20	100	N	.16	60	85	.5	N	1
N0717FIN	N	N	20	7	<10	200	100	N	20	150	<.10	.22	450	170	.5	10	10
CRS	N	N	30	5	N	200	150	N	15	100	N	.18	150	130	—	10	2
N0719FIN	N	N	15	10	N	200	70	N	20	150	N	.22	350	130	1.0	40	8
CRS	N	N	15	5	N	150	100	N	15	70	N	.20	35	45	1.0	20	2

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Bc	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0721FIN	39,735	172,725	3.00	1.00	1.50	3.000	500	30	1,000	1.5	N	N	7	50	20	30
CRS	39,735	172,725	3.00	.70	.70	2.000	300	50	1,500	1.5	N	N	7	50	30	30
N0723FIN	39,750	172,730	3.00	1.00	2.00	3.000	300	50	1,500	2.0	N	N	10	70	50	50
CRS	39,750	172,730	2.00	.30	5.00	.100	150	70	1,500	1.0	N	N	5	50	50	30
N0725FIN	39,740	172,710	3.00	1.00	3.00	.200	300	50	500	1.5	N	N	7	50	30	30
CRS	39,740	172,710	.50	.15	3.00	.150	30	20	700	<1.0	N	N	5	20	30	20
N0727FIN	39,755	172,710	3.00	1.00	3.00	.500	300	70	1,500	2.0	N	N	7	100	30	50
CRS	39,755	172,710	2.00	.50	3.00	.300	200	70	1,000	1.5	N	N	5	50	70	30
N0729FIN	39,845	172,650	3.00	1.00	2.00	.500	1,000	50	700	3.0	N	N	10	50	50	30
CRS	39,845	172,650	3.00	.30	.50	.300	1,000	30	300	1.5	N	N	10	30	50	30
N0731FIN	39,850	172,620	3.00	1.00	1.50	.300	700	30	500	2.0	N	N	7	50	20	20
CRS	39,850	172,620	1.00	.10	.30	.150	100	30	200	<1.0	N	N	5	20	70	<20
N0733FIN	39,390	172,730	5.00	1.50	3.00	.300	1,500	70	1,000	1.5	N	N	15	70	70	50
CRS	39,390	172,730	5.00	1.00	20.00	.150	2,000	15	700	1.0	N	N	7	30	20	20
N0735FIN	39,420	172,725	3.00	1.00	1.00	.200	500	20	700	1.5	N	N	10	50	30	30
CRS	39,420	172,725	3.00	1.00	.70	.200	500	20	700	1.5	N	N	15	50	50	30
N0737FIN	39,170	172,345	3.00	1.50	2.00	.200	700	15	500	1.5	N	N	7	30	20	30
CRS	39,170	172,345	3.00	1.50	3.00	.200	700	20	500	1.5	N	N	10	30	50	30
N0739FIN	39,150	172,180	3.00	.70	1.00	.200	700	20	500	2.0	N	N	15	50	50	30
CRS	39,150	172,180	2.00	.20	.30	.150	500	20	1,000	1.0	N	N	10	30	50	20
N0741FIN	39,405	172,110	3.00	.50	.50	.300	300	30	500	1.5	N	N	10	70	30	30
CRS	39,405	172,110	1.50	.10	.15	.150	70	20	700	1.0	N	N	5	30	70	20
N0743FIN	39,405	172,160	2.00	.50	.20	.300	300	20	500	1.5	N	N	5	70	20	30
CRS	39,405	172,160	1.50	.15	.15	.300	100	20	700	1.0	N	N	5	50	50	20
N0745FIN	39,415	172,075	2.00	.50	.20	.300	30	50	1,000	1.5	N	N	5	100	50	30
CRS	39,415	172,075	3.00	.70	.20	.300	50	70	700	1.5	N	N	7	100	50	20
N0747FIN	39,495	172,050	3.00	.50	.15	.300	50	50	1,000	1.0	N	N	5	100	30	30
CRS	39,495	172,050	5.00	.70	.07	.300	20	70	1,000	1.0	N	N	5	150	70	30
N0749FIN	39,635	172,035	7.00	1.00	1.50	.300	500	50	700	1.5	N	N	10	70	30	30
CRS	39,635	172,035	2.00	.15	.30	.100	100	20	700	1.0	N	N	5	20	30	20
N0751FIN	39,625	172,015	3.00	.70	.70	.300	300	20	500	1.5	N	N	10	50	20	30
CRS	39,625	172,015	1.00	.10	.10	.070	50	15	700	<1.0	N	N	5	30	30	20
N0753FIN	39,655	171,990	3.00	.70	1.50	.200	300	30	500	1.5	N	N	15	70	20	20
CRS	39,655	171,990	3.00	.50	2.00	.150	300	20	300	1.5	N	N	7	70	20	30
N0755FIN	39,645	171,980	3.00	.70	.70	.200	300	20	500	1.5	N	N	10	100	20	20
CRS	39,645	171,980	3.00	.30	.50	.200	200	50	300	1.5	N	N	7	150	20	30
N0757FIN	39,485	171,555	3.00	.70	.70	.300	300	20	500	1.5	N	N	7	50	15	20
CRS	39,485	171,555	1.50	.15	.50	.100	150	20	700	1.0	N	N	5	20	30	<20
N0759FIN	39,490	171,590	3.00	.70	.70	.300	300	70	500	1.5	N	N	7	70	20	30
CRS	39,490	171,590	1.00	.20	3.00	.100	150	20	700	1.0	N	N	5	30	20	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CN-As	CN-Sb
N0721FIN	N	<20	30	10	N	200	100	N	20	150	N	.16	170	110	1.0	20	5
CRS	N	<20	30	10	N	150	200	N	20	100	N	.14	80	90	.5	30	3
N0723FIN	N	<20	30	15	N	300	100	N	30	200	N	.14	180	110	1.0	40	6
CRS	N	<20	30	5	N	700	100	N	30	70	N	.14	35	50	.5	10	2
N0725FIN	N	<20	30	10	N	200	150	N	30	150	N	.35	120	90	1.0	10	4
CRS	N	N	15	5	N	100	70	N	10	50	N	.24	15	15	.5	<10	<1
N0727FIN	N	<20	30	15	N	700	200	N	30	150	N	.18	160	110	.5	30	4
CRS	N	<20	20	10	N	300	150	N	15	70	N	.12	35	70	.5	10	1
N0729FIN	N	<20	20	15	N	300	100	N	20	200	N	.10	100	75	.5	10	3
CRS	N	<20	15	10	N	200	50	N	20	200	N	.06	50	40	.5	20	2
N0731FIN	N	<20	15	10	N	200	100	N	20	150	N	.14	350	110	1.0	30	5
CRS	N	N	10	5	N	100	20	N	10	70	N	.06	50	20	.5	10	1
N0733FIN	5	<20	30	10	15	300	150	N	20	150	<.10	.20	550	200	1.0	80	10
CRS	N	N	30	10	N	300	100	N	15	70	N	.12	110	120	.5	30	3
N0735FIN	10	<20	30	7	15	150	100	N	20	150	N	.26	850	260	1.0	120	20
CRS	N	<20	50	10	N	100	150	N	20	100	N	.10	170	180	.5	40	6
N0737FIN	N	<20	20	7	N	150	100	N	20	150	N	.24	210	250	1.0	40	8
CRS	N	<20	30	10	10	100	150	N	20	100	—	.24	140	300	1.0	30	10
N0739FIN	N	<20	50	10	N	200	150	N	20	150	N	.22	120	180	1.0	20	5
CRS	5	<20	50	7	N	100	150	N	15	100	N	.30	30	150	.5	20	2
N0741FIN	N	<20	20	10	<10	300	100	N	20	500	N	.18	170	100	1.0	30	6
CRS	<5	N	20	5	N	300	70	N	15	300	N	.30	55	50	1.0	40	1
N0743FIN	<5	<20	10	7	N	200	70	N	20	300	N	.26	150	70	1.0	20	4
CRS	<5	<20	10	5	N	300	100	N	15	300	N	.22	45	20	1.0	20	1
N0745FIN	N	<20	20	10	N	100	150	N	20	300	N	.10	40	55	1.0	<10	1
CRS	N	<20	70	10	N	100	200	N	20	200	N	.10	30	170	1.0	10	1
N0747FIN	N	<20	15	7	N	100	150	N	15	200	N	.10	50	45	1.0	20	2
CRS	<5	N	20	10	N	100	300	N	15	200	N	.10	35	50	1.0	10	2
N0749FIN	N	N	50	10	N	300	150	N	20	200	N	.18	75	120	1.0	40	4
CRS	N	N	30	5	N	100	100	N	15	50	N	.40	20	75	1.0	40	2
N0751FIN	<5	N	20	10	N	200	100	N	15	150	N	.30	200	140	1.0	80	8
CRS	N	N	15	<5	N	100	70	N	<10	50	N	.35	30	30	1.0	80	4
N0753FIN	15	N	50	10	N	200	100	N	20	150	N	.14	260	150	1.0	30	8
CRS	5	N	50	7	<10	200	100	N	15	70	N	.12	120	150	1.0	80	6
N0755FIN	N	N	30	7	N	300	100	N	20	150	N	.12	240	150	1.0	40	4
CRS	N	N	70	7	<10	300	100	N	20	150	N	.10	80	180	1.0	80	4
N0757FIN	N	<20	20	7	N	200	70	N	15	150	N	.14	150	120	1.0	30	3
CRS	N	<20	20	5	<10	100	70	N	10	70	N	.10	30	40	.5	30	2
N0759FIN	10	<20	30	10	N	200	100	N	30	200	N	.12	140	130	.5	30	4
CRS	N	N	15	5	N	100	70	N	10	50	N	.12	50	65	.5	30	2

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area

sample	X-Coord.	Y-Coord.	S-PeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ea	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0761FIN	39,450	171,675	1.50	.30	1.00	.200	500	50	500	1.5	N	N	7	70	10	30
CRS	39,450	171,675	2.00	.20	3.00	.100	300	50	500	1.0	N	N	5	70	30	20
N0763FIN	39,440	171,695	1.50	.50	1.00	.200	300	50	500	1.5	N	N	5	70	7	30
CRS	39,440	171,695	2.00	.50	3.00	.150	500	70	500	1.5	N	N	5	100	30	20
N0765FIN	39,425	171,650	1.00	.30	.20	.200	100	70	500	1.0	N	N	5	50	10	30
CRS	39,425	171,650	2.00	.70	.30	.300	50	100	1,000	1.0	N	N	5	150	20	30
N0767FIN	39,415	171,635	2.00	.50	.30	.300	150	30	700	1.0	N	N	5	100	20	30
CRS	39,415	171,635	2.00	.50	.20	.300	20	70	700	1.0	N	N	5	150	20	30
N0769FIN	39,695	171,415	3.00	1.00	1.00	.200	500	30	500	1.5	N	N	7	70	20	30
CRS	39,695	171,415	1.00	.30	10.00	.070	300	20	200	<1.0	N	N	5	50	15	20
N0771FIN	39,695	171,455	3.00	1.00	1.50	.200	1,000	50	500	1.5	N	N	10	150	20	30
CRS	39,695	171,455	1.50	.50	5.00	.010	3,000	30	700	1.0	N	N	15	70	15	20
N0773FIN	39,755	171,595	3.00	.70	.50	.200	700	30	700	1.5	N	N	15	50	20	30
CRS	39,755	171,595	1.00	.20	.15	.150	500	20	1,000	1.0	N	N	20	20	30	30
N0775FIN	39,750	171,555	3.00	.70	.70	.300	500	30	1,000	1.5	N	N	10	50	20	30
CRS	39,750	171,555	1.50	.20	.20	.150	200	20	1,000	1.0	N	N	7	30	15	20
N0777FIN	39,855	171,550	2.00	.70	.70	.500	300	70	700	1.5	N	N	5	150	20	30
CRS	39,855	171,550	1.00	.30	.30	.200	150	70	300	1.5	N	N	5	150	15	30
N0779FIN	39,998	171,585	2.00	.70	2.00	.200	300	50	500	1.5	N	N	5	50	15	30
CRS	39,998	171,585	1.00	.30	7.00	.100	200	20	500	<1.0	N	N	5	20	10	20
N0781FIN	39,995	171,555	2.00	.50	1.50	.200	300	30	300	2.0	N	N	5	30	15	30
CRS	39,995	171,555	1.00	.50	10.00	.070	300	20	300	<1.0	N	N	<5	30	15	20
N0783FIN	40,170	171,490	2.00	.50	1.00	.200	300	20	500	1.5	N	N	5	20	10	30
CRS	40,170	171,490	1.50	.30	.70	.100	300	15	300	1.0	N	N	5	<10	30	20
N0785FIN	40,210	171,505	3.00	.70	1.00	.200	700	20	700	1.5	N	N	7	30	15	30
CRS	40,210	171,505	2.00	.30	.70	.150	700	15	300	1.0	N	N	5	20	30	20
N0787FIN	40,185	171,555	3.00	1.00	1.50	.200	300	50	500	1.5	N	N	7	30	15	30
CRS	40,185	171,555	5.00	1.50	2.00	.300	300	70	1,000	1.5	N	N	10	30	20	30
N0789FIN	40,195	171,575	3.00	.70	1.00	.300	300	50	1,500	1.5	N	N	7	70	30	30
CRS	40,195	171,575	5.00	.70	1.00	.300	200	70	1,500	1.5	N	N	15	70	20	30
N0791FIN	40,455	172,470	5.00	1.00	1.00	.300	1,000	20	1,500	1.5	N	N	15	50	20	30
CRS	40,455	172,470	1.00	.15	.20	.100	300	10	>5,000	<1.0	N	N	5	20	20	20
N0793FIN	40,435	172,460	5.00	1.00	1.50	.300	700	15	1,000	1.5	N	N	10	30	20	30
CRS	40,435	172,460	.70	.10	.15	.070	200	10	300	<1.0	N	N	5	20	30	20
N0795FIN	40,435	172,425	5.00	2.00	3.00	.200	700	20	500	1.5	N	N	7	30	15	30
CRS	40,435	172,425	5.00	2.00	3.00	.150	700	15	300	1.5	N	N	7	20	20	30
N0797FIN	40,425	172,395	5.00	3.00	5.00	.200	1,000	20	500	1.5	N	N	7	30	15	20
CRS	40,425	172,395	1.50	7.00	7.00	.070	300	10	150	<1.0	N	N	<5	20	20	N
N0799FIN	40,500	172,335	3.00	.70	1.50	.300	700	15	1,000	1.5	N	N	7	30	20	30
CRS	40,500	172,335	2.00	.20	.20	.200	200	10	300	<1.0	N	N	5	20	30	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area

sample	S-Mo	S-Mb	S-M1	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CK-Ae	CK-Sb
N0761FIN	N	<20	30	7	N	500	70	N	20	200	N	.20	180	160	1.0	40	5
CRS	10	N	50	5	N	700	70	N	15	70	N	.20	40	110	1.0	80	4
N0763FIN	N	<20	20	7	N	500	70	N	15	150	N	.28	70	110	1.0	30	3
CRS	N	N	30	7	N	500	70	N	15	100	N	.50	50	130	.5	40	2
N0765FIN	N	<20	15	7	N	100	100	N	10	100	N	.18	55	40	1.0	20	2
CRS	N	<20	20	10	N	100	200	N	20	100	N	.16	35	25	1.0	10	1
N0767FIN	N	N	20	7	N	100	100	N	15	150	N	.12	50	65	1.0	10	2
CRS	N	<20	20	10	N	100	200	N	20	150	N	.10	25	25	.5	10	1
N0769FIN	N	N	20	7	N	300	50	N	20	100	N	.12	65	130	1.0	20	2
CRS	N	N	15	5	N	200	30	N	15	30	N	.10	45	40	1.0	<10	<1
N0771FIN	N	<20	50	10	N	300	70	N	20	200	N	.14	90	190	1.0	20	3
CRS	<5	N	50	5	N	300	50	N	20	50	N	.24	65	210	1.0	40	3
N0773FIN	N	<20	30	10	N	300	70	N	15	100	N	.22	350	210	1.0	60	8
CRS	N	N	50	5	N	200	70	N	10	70	N	.08	80	100	1.0	40	2
N0775FIN	N	<20	15	10	N	300	100	N	15	150	N	.08	110	80	1.0	30	4
CRS	N	N	10	7	N	200	70	N	10	70	N	.04	25	30	1.0	20	2
N0777FIN	N	<20	10	10	N	200	50	N	30	300	N	.08	120	65	1.0	10	4
CRS	N	N	10	7	N	200	50	N	20	200	N	.06	75	60	1.0	20	4
N0779FIN	N	N	15	7	N	300	50	N	15	150	N	.24	160	120	1.0	20	4
CRS	N	N	10	<5	N	300	30	N	10	50	N	.08	50	25	1.0	10	<1
N0781FIN	N	N	20	5	N	200	50	N	15	150	N	.10	140	120	1.0	10	4
CRS	N	N	15	<5	N	300	30	N	15	50	N	.08	50	35	1.0	10	<1
N0783FIN	N	N	10	5	N	150	30	N	10	100	N	.10	110	95	.5	20	3
CRS	N	N	7	<5	N	100	20	N	10	50	N	.08	45	40	.5	10	1
N0785FIN	N	<20	15	7	N	200	50	N	15	100	N	.08	120	95	1.0	20	4
CRS	N	<20	10	5	N	100	30	N	10	70	N	.06	40	40	.5	10	2
N0787FIN	N	N	20	7	N	150	70	N	15	70	N	.10	80	110	.5	20	2
CRS	<5	N	30	10	N	150	150	N	20	70	N	.08	35	110	1.0	20	2
N0789FIN	N	<20	30	10	N	150	150	N	15	200	N	.06	90	120	1.0	10	2
CRS	N	<20	50	10	N	150	200	N	15	100	N	.06	65	160	.5	30	2
N0791FIN	N	N	15	10	N	200	70	N	15	100	N	.10	220	120	1.0	20	5
CRS	N	N	7	5	N	100	20	N	<10	70	N	.16	55	30	1.0	10	1
N0793FIN	N	N	15	10	N	300	150	N	15	150	N	.22	700	190	1.0	40	10
CRS	N	N	5	<5	N	150	15	N	<10	50	N	.10	160	40	.5	10	2
N0795FIN	N	N	15	7	N	150	50	N	15	100	N	.20	150	100	1.0	20	6
CRS	N	N	15	7	N	100	30	N	15	70	N	.26	50	55	.5	10	5
N0797FIN	N	N	15	7	N	200	50	N	15	100	N	.08	300	110	1.0	20	6
CRS	N	N	7	<5	N	100	15	N	10	50	N	.10	95	25	1.0	10	2
N0799FIN	N	N	15	7	N	300	50	N	20	150	N	.10	160	85	.5	20	4
CRS	N	N	10	5	N	100	30	N	15	70	N	.22	65	25	.5	10	2

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0801FIN	40,325	172,330	3.00	.70	.70	.200	300	15	700	1.5	N	N	5	20	15	30
CRS	40,325	172,330	5.00	.50	.15	.200	70	30	150	2.0	N	N	5	20	7	30
N0803FIN	40,310	172,360	3.00	1.00	1.00	.200	500	20	700	1.0	N	N	7	30	15	20
CRS	40,310	172,360	3.00	1.00	1.50	.200	300	20	700	1.0	N	N	7	20	30	20
N0805FIN	40,075	172,255	2.00	.70	3.00	.200	200	50	300	1.5	N	N	5	300	20	20
CRS	40,075	172,255	3.00	.70	5.00	.200	300	50	200	1.0	N	N	5	500	20	30
N0807FIN	40,095	172,225	3.00	.70	3.00	.200	700	30	500	1.5	N	N	7	50	15	20
CRS	40,095	172,225	2.00	.50	7.00	.070	300	20	200	1.0	N	N	5	20	10	20
N0809FIN	40,110	172,255	2.00	1.50	2.00	.200	700	20	500	1.5	N	N	7	30	20	20
CRS	40,110	172,255	2.00	3.00	7.00	.070	1,000	10	200	<1.0	N	N	5	20	30	<20
N0811FIN	40,110	172,085	3.00	.70	1.00	.300	300	50	500	1.5	N	N	7	150	20	30
CRS	40,110	172,085	3.00	1.00	1.00	.300	300	70	500	1.5	N	N	10	200	50	30
N0813FIN	40,130	172,110	1.50	.70	.70	.150	200	20	300	1.0	N	N	5	70	15	20
CRS	40,130	172,110	3.00	1.00	1.00	.200	300	50	500	1.5	N	N	7	150	50	30
N0817FIN	40,065	172,055	3.00	.70	1.00	.200	700	50	500	1.5	N	N	7	70	50	20
CRS	40,065	172,055	2.00	.30	.50	.150	300	30	300	1.5	N	N	5	50	10	20
N0819FIN	40,015	172,070	3.00	.70	1.50	.300	700	50	500	2.0	N	N	7	150	20	30
CRS	40,015	172,070	3.00	.50	2.00	.200	700	50	500	1.5	N	N	7	200	30	30
N0821FIN	40,000	171,985	5.00	1.00	1.00	.300	500	50	500	1.5	N	N	7	150	20	20
CRS	40,000	171,935	3.00	.70	1.00	.300	500	50	300	1.5	N	N	7	150	20	30
N0823FIN	39,935	170,530	3.00	1.00	.70	.300	500	50	500	2.0	N	N	7	70	30	30
CRS	39,935	170,530	3.00	.70	3.00	.300	300	50	700	2.0	N	N	7	50	20	30
N0825FIN	39,935	170,500	2.00	.50	1.00	.200	200	20	500	1.5	N	N	5	30	15	20
CRS	39,935	170,500	2.00	.50	1.50	.200	150	30	500	2.0	N	N	5	50	30	20
N0827FIN	39,875	170,465	3.00	1.00	2.00	.200	300	20	700	1.5	N	N	7	30	20	30
CRS	39,875	170,465	1.50	.50	3.00	.100	200	15	500	1.5	N	N	5	20	15	20
N0829FIN	39,875	170,615	2.00	.70	3.00	.200	150	20	1,000	1.0	N	N	10	70	30	20
CRS	39,875	170,615	3.00	.70	3.00	.300	150	30	1,000	1.0	N	N	7	70	30	30
N0831FIN	39,855	170,635	2.00	.70	3.00	.200	150	20	2,000	1.0	N	N	10	70	30	30
CRS	39,855	170,635	2.00	.70	5.00	.200	150	20	1,500	1.5	N	N	7	50	30	20
N0833FIN	39,870	170,660	3.00	.70	1.50	.200	200	20	700	1.5	N	N	7	50	30	20
CRS	39,870	170,660	3.00	1.00	3.00	.200	200	30	700	1.5	N	N	7	100	30	30
N0835FIN	39,890	170,635	3.00	1.00	1.50	.200	500	20	700	1.5	N	N	7	50	20	30
CRS	39,890	170,635	1.00	.20	2.00	.150	100	20	700	1.0	N	N	5	30	30	20
N0837FIN	39,715	170,720	3.00	.70	.70	.300	300	20	1,000	1.5	N	N	10	70	30	30
CRS	39,715	170,720	3.00	.70	.50	.300	200	20	1,000	1.5	N	N	7	100	70	30
N0839FIN	39,710	170,695	3.00	.70	.70	.300	300	20	700	1.0	N	N	10	70	30	30
CRS	39,710	170,695	3.00	.70	.30	.200	150	20	700	1.0	N	N	5	100	30	30
N0841FIN	39,680	170,740	2.00	.70	1.50	.200	300	20	700	1.0	N	N	7	100	20	30
CRS	39,680	170,740	2.00	.70	3.00	.200	300	20	700	1.0	N	N	7	150	15	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Ag	CH-Sb
N0801FIN	N	N	15	10	N	100	50	N	20	150	N	.20	100	60	.5	20	3
CRS	N	N	10	10	N	100	30	N	30	100	N	.20	35	15	.5	30	1
N0803FIN	N	N	15	7	N	<100	50	N	20	150	N	.12	200	60	.5	20	4
CRS	N	N	15	7	N	100	50	N	20	70	N	.12	110	45	.5	10	3
N0805FIN	N	N	70	7	N	150	100	N	15	150	N	.16	65	140	.5	20	2
CRS	N	N	100	7	N	200	100	N	20	70	N	.26	40	150	1.0	30	2
N0807FIN	N	N	20	7	N	200	70	N	15	150	N	.10	75	100	1.0	10	3
CRS	N	N	15	5	N	200	30	N	10	50	N	.08	45	100	1.0	30	3
N0809FIN	N	N	20	7	N	150	50	N	15	150	N	.12	450	150	1.0	80	8
CRS	N	N	15	5	N	100	30	N	10	30	N	.08	130	50	.5	20	3
N0811FIN	<5	N	50	10	N	150	100	N	20	150	N	.08	140	140	.5	80	4
CRS	<5	<20	70	15	N	300	150	N	30	150	N	.06	35	130	.5	40	2
N0813FIN	N	N	30	7	N	150	70	N	15	100	N	.08	150	130	1.0	40	3
CRS	N	N	70	10	N	300	100	N	20	100	N	.08	35	130	.5	30	2
N0817FIN	N	<20	30	10	<10	200	100	N	20	200	N	.14	350	150	1.0	40	6
CRS	N	N	30	7	N	150	70	N	20	100	N	.08	55	100	1.0	20	3
N0819FIN	N	N	50	10	N	300	70	N	20	150	N	.10	140	150	1.0	20	4
CRS	N	N	70	7	N	300	100	N	30	150	N	.08	30	150	1.0	20	2
N0821FIN	N	N	30	10	N	300	70	N	20	150	N	.06	25	130	1.0	20	2
CRS	N	N	50	7	N	300	70	N	20	150	N	.06	25	130	.5	20	2
N0823FIN	5	N	30	10	N	200	150	N	15	150	N	.08	75	140	1.0	20	3
CRS	10	N	50	7	N	300	150	N	20	100	N	.16	30	160	1.0	20	2
N0825FIN	5	N	20	7	N	300	100	N	15	150	N	.06	50	95	1.0	20	3
CRS	7	N	30	7	N	300	150	N	10	70	N	.06	25	95	1.0	20	2
N0827FIN	N	N	20	7	N	300	70	N	15	100	N	.06	25	100	1.0	10	1
CRS	N	N	15	5	N	300	50	N	15	70	N	.06	15	75	1.0	20	1
N0829FIN	N	N	30	7	N	150	100	N	20	100	N	.08	30	110	1.0	10	2
CRS	N	N	50	7	N	150	150	N	20	100	N	.08	30	150	1.0	10	1
N0831FIN	N	N	50	7	N	150	150	N	15	100	N	.10	25	110	1.0	10	1
CRS	N	N	30	7	N	150	150	N	15	70	N	.10	30	140	1.0	10	1
N0833FIN	N	N	30	7	N	150	100	N	15	100	N	.10	45	130	1.0	10	2
CRS	N	N	50	10	N	150	150	N	15	70	N	.08	30	140	1.0	20	2
N0835FIN	N	N	20	7	N	300	100	N	15	100	N	.10	90	95	1.0	20	3
CRS	N	N	20	5	N	200	100	N	15	50	N	.16	20	50	1.0	20	1
N0837FIN	N	N	50	10	N	100	150	N	15	100	N	.12	55	120	1.0	10	2
CRS	N	N	50	10	N	100	200	N	15	70	N	.12	25	160	1.0	10	2
N0839FIN	N	N	50	7	N	150	100	N	20	150	N	.10	55	110	1.0	20	3
CRS	N	N	50	7	N	150	150	N	15	100	N	.10	30	140	1.0	20	1
N0841FIN	N	N	50	7	N	150	150	N	20	150	N	.08	45	120	1.0	10	2
CRS	N	N	50	7	N	150	150	N	20	150	N	.06	30	120	1.0	20	2

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0843FIN	39,685	170,720	2.00	.70	1.00	.200	300	20	500	1.5	N	N	7	100	30	30
CRS	39,685	170,720	3.00	.70	2.00	.300	200	30	700	1.0	N	N	10	150	30	30
N0845FIN	39,415	170,905	3.00	.70	.50	.300	300	20	2,000	1.0	N	N	20	70	50	30
CRS	39,415	170,905	5.00	1.00	.20	.500	300	20	2,000	1.0	N	N	30	150	70	30
N0847FIN	39,395	170,885	3.00	.70	1.00	.300	700	15	1,500	1.5	N	N	20	70	30	30
CRS	39,395	170,885	3.00	1.00	.30	.300	300	20	1,500	1.0	N	N	15	100	50	30
N0849FIN	39,360	170,835	3.00	.70	.70	.300	1,000	20	2,000	1.5	N	N	20	70	50	50
CRS	39,360	170,835	5.00	.70	.50	.300	700	30	3,000	1.0	N	N	15	70	50	30
N0851FIN	39,360	170,905	5.00	1.00	1.50	.300	700	50	2,000	1.5	N	N	15	100	50	30
CRS	39,360	170,905	5.00	.70	.70	.300	500	70	2,000	1.5	N	N	10	70	50	30
N0853FIN	40,070	169,455	3.00	.70	1.50	.300	300	20	500	1.0	N	N	7	150	20	30
CRS	40,070	169,455	3.00	.70	3.00	.200	300	20	500	1.0	N	N	7	200	30	30
N0855FIN	40,075	171,990	2.00	.50	.70	.200	500	50	300	1.5	N	N	5	70	20	20
CRS	40,075	171,990	2.00	.30	1.50	.150	300	30	500	1.5	N	N	5	70	30	20
N0855FIN	40,120	169,425	2.00	.70	5.00	.150	200	15	500	1.5	N	N	5	30	10	20
CRS	40,120	169,425	1.50	.50	7.00	.100	150	20	500	1.0	N	N	5	30	20	20
N0857FIN	39,985	169,430	3.00	.70	1.00	.300	500	30	700	1.5	N	N	7	50	20	30
CRS	39,985	169,430	1.50	.50	3.00	.150	300	30	300	1.0	N	N	5	30	10	20
N0859FIN	39,985	169,495	2.00	.70	3.00	.200	200	70	500	1.5	N	N	7	70	15	20
CRS	39,985	169,495	1.50	.30	3.00	.100	150	50	300	1.0	N	N	5	30	15	20
N0861FIN	39,805	169,525	3.00	.70	.50	.300	300	50	1,000	1.5	N	N	10	50	30	30
CRS	39,805	169,525	3.00	.70	.20	.300	100	50	700	1.5	N	N	5	100	50	20
N0863FIN	39,815	169,425	3.00	1.00	1.00	.500	500	50	2,000	1.5	N	N	15	150	50	20
CRS	39,815	169,425	7.00	1.50	.50	.500	200	150	3,000	1.5	N	N	10	300	100	50
N0865FIN	39,435	169,760	5.00	1.50	.50	.300	300	100	3,000	2.0	N	N	10	200	150	70
CRS	39,435	169,760	5.00	1.50	.70	.200	200	100	5,000	2.0	N	N	10	300	100	50
N0867FIN	39,480	169,760	5.00	1.50	1.50	.700	500	100	3,000	2.0	N	N	10	150	70	100
CRS	39,480	169,760	3.00	1.00	.20	.500	300	100	5,000	2.0	N	N	7	150	70	70
N0869FIN	38,700	169,510	5.00	1.50	2.00	.500	1,500	50	5,000	3.0	N	N	10	70	20	70
CRS	38,700	169,510	1.00	.20	.50	.100	500	10	>5,000	<1.0	N	N	5	20	100	<20
N0871FIN	38,745	169,530	5.00	1.50	3.00	.500	2,000	50	5,000	3.0	N	N	20	100	20	70
CRS	38,745	169,530	1.00	.15	.20	.100	300	<10	5,000	<1.0	N	N	5	20	70	<20
N0873FIN	38,770	169,545	2.00	10.00	15.00	.150	1,000	15	300	<1.0	N	N	5	50	20	<20
CRS	38,770	169,545	1.00	7.00	15.00	.030	700	N	100	N	N	N	10	20	50	<20
N0875FIN	38,775	169,520	3.00	10.00	15.00	.200	1,500	30	700	<1.0	N	N	5	70	15	<20
CRS	38,775	169,520	.50	>10.00	20.00	.020	1,000	10	50	N	N	N	N	<10	20	<20
N0877FIN	38,835	169,525	7.00	3.00	3.00	.300	1,500	70	1,000	2.0	N	N	20	150	50	50
CRS	38,835	169,525	5.00	2.00	10.00	.200	1,000	50	700	1.0	N	N	15	70	50	30
N0879FIN	38,845	169,410	3.00	1.50	2.00	.300	700	50	700	1.5	N	N	10	50	20	30
CRS	38,845	169,410	2.00	1.50	3.00	.150	300	30	300	1.0	N	N	7	30	10	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-F	CH-As	CH-Sb
N0843FIN	N	N	50	7	N	150	100	N	15	150	N	.08	40	100	1.0	20	2
CRS	N	<20	70	10	N	100	200	N	20	100	N	.18	15	120	1.0	20	1
N0845FIN	N	<20	50	10	N	100	100	N	20	150	N	.16	30	120	1.0	20	2
CRS	N	<20	70	15	N	<100	150	N	150	150	N	.12	20	150	1.0	20	2
N0847FIN	N	<20	30	10	N	200	100	N	20	150	N	.16	210	140	.5	20	5
CRS	N	<20	50	10	N	150	150	N	20	150	N	.14	55	160	.5	20	1
N0849FIN	N	<20	30	10	N	200	150	N	30	200	N	.70	80	140	.5	30	4
CRS	N	<20	50	10	N	200	150	N	20	100	N	.12	55	150	.5	20	2
N0851FIN	N	<20	50	15	N	200	200	N	30	150	N	.28	50	140	.5	20	2
CRS	N	<20	50	10	N	150	150	N	20	100	N	.08	35	150	.5	20	2
N0853FIN	N	<20	50	7	N	300	100	N	15	300	N	.10	20	130	.5	20	1
CRS	N	<20	70	7	N	300	100	N	20	150	N	.08	15	120	.5	10	1
N0855FIN	N	<20	30	7	N	200	100	N	20	200	N	.10	200	140	1.0	20	4
CRS	N	<20	30	7	N	200	100	N	15	100	N	.08	60	120	.5	20	2
N0855FIN	N	<20	15	5	N	200	30	N	10	70	N	.10	40	65	1.0	10	1
CRS	N	N	15	5	N	200	30	N	10	50	N	.06	30	45	1.0	10	<1
N0857FIN	5	N	20	5	N	200	100	N	20	150	N	.08	40	110	1.0	20	3
CRS	7	N	20	5	N	150	100	N	10	70	N	.08	30	90	1.0	20	1
N0859FIN	10	N	30	7	N	300	150	N	15	100	N	.10	20	100	1.0	30	1
CRS	15	N	30	5	N	200	100	N	10	70	N	.20	20	100	1.0	10	1
N0861FIN	N	N	70	10	N	100	150	N	20	200	N	.18	35	150	1.0	10	2
CRS	<5	N	70	10	N	100	200	N	20	70	N	.18	20	200	1.0	20	1
N0863FIN	N	<20	70	15	N	150	150	N	30	200	N	.18	40	120	1.0	10	3
CRS	5	<20	15	15	N	100	300	N	50	200	N	.10	25	180	<.5	10	2
N0865FIN	5	<20	100	15	N	100	500	N	20	150	N	.16	35	75	1.0	60	10
CRS	N	<20	70	15	N	100	300	N	20	100	N	.12	30	75	1.0	80	8
N0867FIN	N	20	30	15	N	200	200	N	30	200	N	.10	50	45	1.0	30	5
CRS	5	<20	15	10	N	100	300	N	15	200	N	.08	45	25	1.0	40	4
N0869FIN	N	<20	30	15	N	300	100	N	30	200	N	.22	45	100	<.5	10	15
CRS	N	<20	10	5	N	N	30	N	<10	70	N	.35	20	20	<.5	10	20
N0871FIN	N	<20	30	15	N	500	150	N	30	300	N	.14	45	90	N	20	10
CRS	N	<20	5	N	N	N	20	N	30	50	N	.18	15	15	N	20	10
N0873FIN	N	N	10	5	N	100	50	N	10	70	N	4.00	180	600	<.5	30	90
CRS	N	N	5	N	N	N	20	N	N	20	N	4.00	180	1,100	<.5	60	100
N0875FIN	N	N	15	10	N	100	50	N	20	150	N	.70	190	950	1.0	30	80
CRS	N	N	<5	N	N	N	10	N	N	10	N	2.50	150	1,400	<.5	30	50
N0877FIN	10	<20	50	15	N	300	200	N	30	150	N	.30	80	200	N	80	20
CRS	15	N	50	10	N	200	150	N	20	70	N	.70	95	120	N	160	50
N0879FIN	<5	N	30	7	N	150	150	N	20	150	N	.80	75	200	<.5	300	20
CRS	N	N	20	5	N	100	150	N	15	50	N	6.00	65	130	N	300	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Ng%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0881FIN	38,900	169,405	2.00	1.50	7.00	.150	300	30	300	<1.0	N	N	7	50	10	<20
CRS	38,900	169,405	2.00	3.00	10.00	.100	200	20	200	<1.0	N	N	5	50	10	20
N0883FIN	38,980	169,340	2.00	2.00	7.00	.150	200	30	200	1.0	N	N	7	50	5	20
CRS	38,980	169,340	2.00	2.00	10.00	.150	200	20	150	<1.0	N	N	7	50	7	20
N0885FIN	39,060	169,475	2.00	3.00	7.00	.150	200	50	300	<1.0	N	N	7	50	10	20
CRS	39,060	169,475	3.00	3.00	7.00	.200	300	70	300	1.0	N	N	10	70	7	20
N0887FIN	39,090	169,430	2.00	1.50	3.00	.200	500	30	500	1.5	N	N	7	20	20	30
CRS	39,090	169,430	2.00	3.00	5.00	.150	500	20	300	<1.0	N	N	5	<10	10	20
N0889FIN	39,080	169,480	1.50	2.00	5.00	.150	300	20	500	1.0	N	N	5	20	10	30
CRS	39,080	169,480	1.50	5.00	10.00	.100	1,000	15	200	<1.0	N	N	5	20	15	20
N0891FIN	40,455	168,805	2.00	3.00	5.00	.150	700	30	500	1.5	N	N	5	20	7	20
CRS	40,455	168,805	.70	7.00	7.00	.020	300	10	150	<1.0	N	N	N	<10	20	20
N0893FIN	40,825	168,895	7.00	3.00	3.00	.500	1,000	30	1,000	1.5	N	N	10	50	7	30
CRS	40,825	168,895	.50	5.00	7.00	.050	500	<10	150	<1.0	N	N	5	20	30	<20
N0895FIN	40,805	168,895	3.00	2.00	5.00	.200	500	20	500	1.5	N	N	7	30	10	<20
CRS	40,805	168,895	.70	5.00	7.00	.050	200	10	200	<1.0	N	N	5	20	30	<20
N0897FIN	40,790	168,940	3.00	2.00	3.00	.200	500	50	500	1.5	N	N	10	50	20	20
CRS	40,790	168,940	.50	5.00	7.00	.020	200	<10	300	N	N	N	N	20	10	N
N0899FIN	40,815	168,940	3.00	.70	1.00	.200	300	20	500	1.5	N	N	7	30	10	20
CRS	40,815	168,940	3.00	.70	1.00	.200	700	20	500	1.5	N	N	7	30	20	20
N0901FIN	40,910	168,995	3.00	1.50	2.00	.300	700	50	700	2.0	N	N	7	30	15	20
CRS	40,910	168,995	1.00	1.50	5.00	.100	200	15	200	<1.0	N	N	5	20	20	<20
N0903FIN	40,935	168,960	3.00	.20	3.00	.200	500	50	700	1.5	N	N	7	50	20	20
CRS	40,935	168,960	.50	7.00	7.00	.020	150	10	100	N	N	N	<5	20	50	<20
N0905FIN	41,035	169,090	2.00	2.00	3.00	.150	1,000	30	500	1.5	N	N	5	30	15	<20
CRS	41,035	169,090	.20	5.00	7.00	.015	1,500	<10	500	N	N	N	<5	20	5	<20
N0907FIN	41,040	169,100	3.00	2.00	3.00	.200	700	70	700	1.5	N	N	10	30	20	20
CRS	41,040	169,100	.50	5.00	10.00	.030	150	<10	100	N	N	N	<5	20	15	<20
N0909FIN	41,085	169,110	2.00	5.00	7.00	.100	300	30	300	<1.0	N	N	<5	20	15	N
CRS	41,085	169,110	.20	10.00	10.00	.015	500	10	100	N	N	N	<5	20	15	N
N0911FIN	41,100	169,130	2.00	5.00	5.00	.100	500	20	300	<1.0	N	N	5	30	10	<20
CRS	41,100	169,130	.20	10.00	7.00	.010	100	<10	30	N	N	N	5	20	15	<20
N0913FIN	41,175	169,200	2.00	3.00	5.00	.150	500	20	700	1.5	N	N	5	30	15	20
CRS	41,175	169,200	1.50	7.00	7.00	.070	500	15	300	<1.0	N	N	<5	20	20	<20
N0915FIN	41,230	169,205	2.00	5.00	7.00	.100	500	30	1,500	1.0	N	N	5	30	20	<20
CRS	41,230	169,205	.70	10.00	10.00	.030	300	15	5,000	N	N	N	N	20	7	<20
N0917FIN	41,265	169,270	3.00	5.00	5.00	.200	300	50	700	1.0	N	N	7	30	10	20
CRS	41,265	169,270	1.00	7.00	7.00	.070	100	10	100	N	N	N	N	20	30	<20
N0919FIN	41,295	169,285	3.00	3.00	5.00	.200	300	20	500	1.0	N	N	7	30	10	<20
CRS	41,295	169,285	1.50	5.00	7.00	.100	200	15	200	<1.0	N	N	5	20	30	<20

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Instr-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CR-As	CR-Sb
N0881FIN	N	N	15	7	N	300	30	N	10	50	<.10	.24	50	60	N	20	10
CRS	N	N	15	5	N	300	30	N	10	30	N	.35	75	60	<.5	40	40
N0883FIN	N	N	15	10	N	300	20	N	10	50	N	.08	60	45	<.5	N	8
CRS	N	N	20	10	N	500	20	N	10	30	N	.06	40	35	N	N	2
N0885FIN	N	N	15	7	N	300	20	N	15	70	N	.10	50	45	<.5	30	6
CRS	N	N	30	10	N	300	30	N	10	70	N	.08	35	45	<.5	30	4
N0887FIN	N	N	10	7	N	150	30	N	15	150	N	.28	30	60	<.5	30	15
CRS	7	N	7	5	N	100	30	N	15	70	N	2.50	35	70	N	300	30
N0889FIN	N	N	10	7	N	150	30	N	15	70	N	.90	35	55	<.5	30	10
CRS	N	N	10	5	N	100	20	N	10	30	N	.90	40	45	1.0	120	15
N0891FIN	N	N	10	5	N	100	30	N	10	50	N	.30	40	30	<.5	10	1
CRS	N	N	5	N	N	100	10	N	15	20	N	.08	40	15	<.5	<10	<1
N0893FIN	N	N	20	10	N	200	70	N	20	100	N	.12	120	90	<.5	20	5
CRS	N	N	7	N	N	<100	10	N	<10	30	N	.14	35	15	<.5	10	1
N0895FIN	N	N	15	5	N	200	50	N	10	150	N	.14	50	40	<.5	10	2
CRS	N	N	5	<5	N	<100	20	N	<10	30	N	.06	40	15	<.5	10	1
N0897FIN	N	N	20	7	N	150	50	N	15	100	N	.10	55	75	N	10	2
CRS	N	N	5	N	N	<100	10	N	<10	10	N	.06	40	15	N	10	1
N0899FIN	N	N	15	10	N	150	70	N	10	150	N	.08	30	70	N	10	2
CRS	N	N	15	7	N	<100	50	N	10	150	N	.06	20	70	N	20	2
N0901FIN	N	N	15	10	N	200	70	N	10	150	N	.08	90	75	N	10	2
CRS	N	N	10	5	N	<100	20	N	<10	50	N	.04	45	25	N	N	1
N0903FIN	N	N	20	10	N	200	50	N	10	150	N	.06	60	100	N	10	3
CRS	N	N	10	N	N	N	10	N	<10	10	N	<.02	40	10	N	<10	N
N0905FIN	N	N	15	5	N	100	30	N	10	150	N	.14	70	65	<.5	10	2
CRS	N	N	7	N	N	N	15	N	<10	20	N	.06	50	25	<.5	<10	1
N0907FIN	N	N	20	7	N	200	70	N	15	100	N	.06	70	85	N	10	4
CRS	N	N	5	N	N	100	10	N	<10	20	N	<.02	35	15	N	<10	<1
N0909FIN	N	N	15	5	N	100	30	N	<10	50	N	.12	45	40	N	10	1
CRS	N	N	15	N	N	N	10	N	N	10	N	.10	50	25	N	N	1
N0911FIN	N	N	15	5	N	100	30	N	<10	70	N	.10	85	60	N	10	4
CRS	N	N	<5	N	N	N	10	N	N	N	N	<.02	50	10	N	<10	<1
N0913FIN	N	N	15	7	N	150	50	N	10	70	N	.04	45	90	N	20	1
CRS	N	N	15	<5	N	<100	20	N	<10	30	N	.04	50	75	N	<10	1
N0915FIN	N	N	10	5	N	100	30	N	<10	50	N	.06	55	300	N	10	1
CRS	N	N	5	N	N	100	20	N	N	10	N	.06	40	200	N	20	<1
N0917FIN	N	N	15	7	N	150	50	N	15	100	N	.10	60	65	N	10	2
CRS	N	N	10	N	N	<100	15	N	<10	30	N	.10	30	20	N	N	1
N0919FIN	N	N	15	7	N	150	50	N	15	70	N	.10	35	65	N	10	1
CRS	N	N	10	<5	N	150	30	N	10	50	N	.02	25	25	N	10	1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0921FIN	41,375	169,260	1.50	3.00	7.00	.150	300	50	3,000	<1.0	N	N	5	20	7	20
CRS	41,375	169,260	2.00	10.00	10.00	.050	300	10	>5,000	<1.0	N	N	5	20	15	<20
N0923FIN	41,410	169,270	3.00	5.00	5.00	.150	300	30	1,000	1.0	N	N	<5	30	20	<20
CRS	41,410	169,270	1.50	7.00	7.00	.070	200	15	1,000	<1.0	N	N	<5	20	5	<20
N0925FIN	41,470	169,290	3.00	5.00	5.00	.200	500	20	700	1.0	N	N	7	30	20	20
CRS	41,470	169,290	1.00	10.00	10.00	.070	200	10	200	<1.0	N	N	<5	20	7	<20
N0927FIN	41,530	169,305	.15	7.00	5.00	.015	70	<10	30	N	N	N	N	<10	7	N
CRS	41,530	169,305	1.50	7.00	5.00	.070	200	20	300	<1.0	N	N	5	50	5	<20
N0929FIN	41,565	169,295	.70	7.00	7.00	.050	150	15	300	N	N	N	<5	20	10	<20
CRS	41,565	169,295	.70	7.00	7.00	.050	150	15	200	N	N	N	<5	20	15	<20
N0931FIN	41,640	169,305	3.00	2.00	2.00	.200	700	30	700	1.5	N	N	10	50	30	20
CRS	41,640	169,305	.50	5.00	7.00	.030	150	10	100	.030	N	N	<5	20	15	<20
N0933FIN	41,685	169,310	3.00	5.00	5.00	.150	500	20	700	1.0	N	N	7	30	10	20
CRS	41,685	169,330	.50	7.00	10.00	.030	200	10	150	N	N	N	N	20	15	<20
N0935FIN	41,710	169,400	3.00	5.00	5.00	.150	500	30	2,000	1.0	N	N	7	30	10	20
CRS	41,710	169,400	2.00	7.00	10.00	.100	500	15	3,000	<1.0	N	N	5	20	15	20
N0937FIN	41,740	169,395	1.50	1.50	5.00	.070	200	20	300	1.0	N	N	5	30	10	<20
CRS	41,740	169,395	1.00	1.50	7.00	.100	150	30	300	<1.0	N	N	5	30	5	20
N0939FIN	41,780	169,400	3.00	1.50	3.00	.200	700	50	700	1.5	N	N	10	30	15	20
CRS	41,780	169,400	5.00	1.50	5.00	.200	700	50	500	1.5	N	N	10	50	10	20
N0941FIN	41,645	168,355	3.00	1.50	7.00	.150	300	30	1,000	1.0	N	N	7	20	10	20
CRS	41,645	168,355	.50	1.50	20.00	.030	100	10	2,000	N	N	N	<5	<10	5	N
N0943FIN	41,675	168,365	3.00	1.50	5.00	.300	700	50	700	1.5	N	N	10	30	15	20
CRS	41,675	168,365	.70	1.00	20.00	.050	200	10	200	<1.0	N	N	N	20	5	<20
N0945FIN	41,830	168,495	3.00	2.00	3.00	.200	700	50	700	1.5	N	N	10	30	15	20
CRS	41,830	168,495	.20	7.00	7.00	.015	100	<10	100	N	N	N	<5	<10	15	N
N0947FIN	41,840	168,515	2.00	5.00	5.00	.150	500	30	500	1.0	N	N	7	20	10	<20
CRS	41,840	168,515	.50	7.00	10.00	.030	100	10	150	N	N	N	<5	<10	10	N
N0949FIN	41,880	168,510	1.50	3.00	3.00	.150	300	30	500	1.5	N	N	5	20	10	<20
CRS	41,880	168,510	.50	7.00	15.00	.030	150	10	500	<1.0	N	N	N	<10	10	N
N0951FIN	41,920	168,520	2.00	3.00	3.00	.200	500	15	500	1.5	N	N	5	30	10	20
CRS	41,920	168,520	.30	7.00	10.00	.015	70	10	100	N	N	N	N	<10	7	<20
N0953FIN	42,030	168,515	3.00	1.50	3.00	.200	300	15	500	1.5	N	N	5	20	10	30
CRS	42,030	168,515	.70	7.00	10.00	.050	150	<10	200	<1.0	N	N	N	<10	10	<20
N0955FIN	42,035	168,545	3.00	2.00	3.00	.200	500	20	700	2.0	N	N	7	30	15	30
CRS	42,035	168,545	.70	7.00	10.00	.050	200	10	150	<1.0	N	N	<5	20	7	<20
N0957FIN	42,160	168,690	3.00	1.50	2.00	.200	700	20	500	2.0	N	N	10	30	15	30
CRS	42,160	168,690	.70	5.00	10.00	.050	150	10	150	<1.0	N	N	<5	20	15	<20
N0959FIN	42,190	168,705	2.00	1.50	3.00	.300	300	15	300	1.5	N	N	5	20	10	20
CRS	42,190	168,705	.70	7.00	10.00	.030	150	10	150	<1.0	N	N	<5	20	7	<20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Wi	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Instr-Rg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Ag	CH-Sb
N0921FIN	N	N	10	5	N	150	30	N	10	70	N	.04	140	200	N	N	2
CRS	N	N	7	<5	N	150	20	N	<10	20	N	N	70	210	N	10	<1
N0923FIN	N	N	15	5	N	100	30	N	15	70	N	.02	40	130	N	10	2
CRS	N	N	7	<5	N	150	20	N	<10	20	N	<.02	35	120	N	10	1
N0925FIN	N	N	15	7	N	N	50	N	10	70	N	.04	40	50	N	10	2
CRS	N	N	10	<5	N	N	20	N	<10	20	N	N	40	25	N	20	<1
N0927FIN	N	N	<5	N	N	N	10	N	N	10	N	N	45	55	N	<10	1
CRS	N	N	10	<5	N	<100	30	N	10	30	N	N	40	10	N	10	N
N0929FIN	N	N	7	N	N	<100	15	N	10	20	N	.06	50	40	N	10	1
CRS	N	N	7	<5	N	<100	20	N	10	20	N	.06	40	30	<.5	10	1
N0931FIN	N	N	20	7	N	150	70	N	15	150	N	.08	45	85	<.5	<10	2
CRS	N	N	5	N	N	N	10	N	<10	20	N	.14	30	15	N	<10	1
N0933FIN	N	N	15	5	N	100	50	N	10	70	N	.04	50	95	N	<10	2
CRS	N	N	10	N	N	<100	15	N	<10	20	N	<.02	40	45	N	10	<1
N0935FIN	N	N	15	5	N	150	50	N	10	70	N	.06	45	95	<.5	10	2
CRS	N	N	15	<5	N	150	30	N	10	50	N	<.02	40	65	N	10	1
N0937FIN	N	N	15	5	N	<100	20	N	10	50	N	.08	45	55	N	<10	1
CRS	N	N	15	5	N	100	20	N	10	30	N	.08	40	25	N	<10	1
N0939FIN	N	N	20	7	N	150	70	N	15	150	N	.06	55	120	<.5	10	2
CRS	N	N	30	10	N	200	70	N	15	70	N	.10	50	90	<.5	<10	2
N0941FIN	N	N	15	5	N	150	30	N	10	70	N	.12	45	65	N	<10	2
CRS	N	N	5	N	N	150	10	N	N	20	N	.12	50	45	<.5	10	<1
N0943FIN	N	N	15	10	N	300	70	N	15	150	N	.06	50	95	<.5	10	2
CRS	N	N	7	<5	N	200	10	N	10	30	N	.04	55	50	<.5	10	1
N0945FIN	N	N	20	7	N	300	70	N	15	100	N	.06	45	90	<.5	10	6
CRS	N	N	10	N	N	N	<10	N	<10	15	N	<.02	40	20	<.5	10	2
N0947FIN	N	N	15	7	N	200	30	N	10	150	N	<.02	50	90	N	10	10
CRS	N	N	5	<5	N	100	10	N	<10	20	N	<.02	50	30	N	10	5
N0949FIN	N	N	15	7	N	150	30	N	10	70	N	.08	45	80	N	10	6
CRS	N	N	7	<5	N	100	15	N	<10	15	N	.02	50	30	N	10	2
N0951FIN	N	N	15	7	N	150	50	N	10	150	N	.04	50	80	N	10	6
CRS	N	N	5	N	N	<100	10	N	<10	10	N	.20	45	15	N	30	3
N0953FIN	N	<20	15	7	N	200	70	N	15	150	N	.06	35	50	N	20	3
CRS	N	<20	5	<5	N	100	15	N	<10	30	N	.04	40	15	N	N	1
N0955FIN	N	<20	20	7	N	200	70	N	15	200	N	.08	30	50	N	10	3
CRS	N	N	5	<5	N	150	15	N	10	20	N	.06	45	10	N	10	2
N0957FIN	N	<20	20	7	N	200	70	N	15	200	N	.06	40	70	N	20	3
CRS	N	N	5	<5	N	150	15	N	<10	20	N	.06	35	10	N	<10	6
N0959FIN	N	N	15	7	N	150	50	N	10	70	N	.14	35	45	<.5	N	1
CRS	N	N	5	<5	N	150	15	N	<10	15	N	.04	40	10	<.5	120	1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N0961FIN	42,130	169,665	2.00	5.00	7.00	.150	300	20	300	1.0	N	N	5	30	15	<20
CRS	42,130	169,665	.70	7.00	15.00	.050	200	10	150	<1.0	N	N	<5	20	7	<20
N0963FIN	42,150	169,675	3.00	1.50	7.00	.200	700	20	1,000	1.5	N	N	7	50	20	30
CRS	42,150	169,675	1.50	1.00	20.00	.070	300	15	700	<1.0	N	N	N	20	5	20
N0965FIN	42,190	169,790	3.00	1.00	2.00	.200	700	20	700	2.0	N	N	10	30	15	30
CRS	42,190	169,790	3.00	1.50	5.00	.200	700	50	700	1.5	N	N	7	50	30	30
N0967FIN	42,180	169,805	5.00	2.00	3.00	.300	700	50	700	1.5	N	N	10	70	20	30
CRS	42,180	169,805	3.00	2.00	7.00	.300	300	70	700	1.0	N	N	7	70	15	20
N0969FIN	42,130	169,830	3.00	1.00	3.00	.200	700	30	500	1.5	N	N	10	50	20	30
CRS	42,130	169,830	3.00	1.00	10.00	.200	700	30	300	1.0	N	N	7	50	10	20
N0971FIN	42,140	169,795	3.00	1.00	7.00	.200	500	30	500	1.5	N	N	10	70	15	20
CRS	42,140	169,795	3.00	1.00	10.00	.200	500	50	700	1.0	N	N	10	70	7	20
N0973FIN	42,240	169,775	3.00	1.50	3.00	.300	500	70	700	1.5	N	N	15	100	50	30
CRS	42,240	169,775	3.00	1.00	3.00	.200	500	70	700	1.5	N	N	10	70	50	30
N0975FIN	42,315	169,775	3.00	1.50	3.00	.300	300	50	700	1.5	N	N	15	70	70	30
CRS	42,315	169,775	5.00	1.50	3.00	.300	300	70	1,000	1.5	N	N	15	150	70	20
N0977FIN	42,430	169,835	3.00	1.50	1.00	.300	300	50	700	1.5	N	N	15	100	30	30
CRS	42,430	169,835	5.00	1.00	.50	.300	300	50	700	1.5	N	N	10	70	50	30
N0979FIN	42,465	169,980	3.00	1.50	1.00	.300	500	50	700	1.5	N	N	10	70	50	30
CRS	42,465	169,980	5.00	1.00	.50	.300	300	50	700	1.5	N	N	10	70	50	30
N0981FIN	42,510	170,065	5.00	1.50	.70	.500	500	70	1,000	1.5	N	N	15	100	50	30
CRS	42,510	170,065	5.00	1.50	.30	.500	200	70	1,000	1.5	N	N	15	150	70	30
N0983FIN	42,465	170,095	5.00	1.50	.50	.500	500	50	1,000	1.5	N	N	15	100	50	30
CRS	42,465	170,095	5.00	1.50	.50	.500	300	50	1,000	1.5	N	N	15	100	50	30
N0985FIN	42,190	170,970	3.00	1.00	1.00	.500	1,000	50	1,500	1.5	N	N	15	150	50	30
CRS	42,190	170,970	3.00	.70	.70	.300	300	70	1,500	1.0	N	N	7	150	30	30
N0987FIN	42,155	170,990	3.00	.50	.30	.300	500	50	1,500	1.5	N	N	15	100	30	30
CRS	42,155	170,990	3.00	.50	.30	.300	300	50	2,000	1.0	N	N	10	70	50	30
N0989FIN	42,065	170,990	3.00	.70	.50	.500	300	70	2,000	1.5	N	N	15	150	50	50
CRS	42,065	170,990	3.00	1.00	.30	.500	150	100	2,000	1.5	N	N	10	150	50	30
N0991FIN	42,040	170,995	3.00	1.00	.50	.500	300	70	2,000	1.5	N	N	20	150	70	30
CRS	42,040	170,995	3.00	1.00	.20	.300	150	100	1,000	1.5	N	N	7	150	50	30
N0993FIN	41,620	170,960	.70	7.00	10.00	.050	200	15	100	<1.0	N	N	<5	20	10	<20
CRS	41,620	170,960	2.00	3.00	3.00	.150	300	30	2,000	1.5	N	N	5	30	15	20
N0995FIN	41,525	170,645	3.00	7.00	7.00	.030	200	10	>5,000	1.0	N	N	<5	20	10	<20
CRS	41,525	170,645	3.00	5.00	5.00	.200	700	70	2,000	1.5	N	N	7	50	15	30
N0997FIN	41,535	170,675	1.50	7.00	10.00	.050	300	15	>5,000	<1.0	N	N	<5	20	10	<20
CRS	41,535	170,675	3.00	5.00	3.00	.200	700	70	700	1.5	N	N	10	70	15	30
N0999FIN	41,575	170,780	2.00	7.00	10.00	.100	300	50	2,000	<1.0	N	N	5	30	7	<20
CRS	41,575	170,780	2.00	7.00	10.00	.100	300	50	2,000	<1.0	N	N	5	30	7	<20

Table 2.---Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area---continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CM-Aa	CM-Sb
N0961FIN	N	N	15	5	N	100	30	N	10	50	N	.10	70	40	<.5	10	5
CRS	N	N	10	<5	N	<100	15	N	<10	20	N	.06	50	10	<.5	10	2
N0963FIN	<5	<20	20	7	N	200	70	N	20	100	N	.06	35	55	<.5	30	8
CRS	5	N	15	5	N	300	20	N	20	30	N	.04	40	15	<.5	40	4
N0965FIN	N	N	30	7	N	150	100	N	20	150	N	.06	35	85	<.5	80	2
CRS	<5	<20	30	7	N	100	150	N	20	70	N	.08	30	70	<.5	400	2
N0967FIN	<5	<20	30	10	N	150	150	N	20	150	N	.04	35	60	N	20	2
CRS	N	<20	50	15	N	100	150	N	15	70	N	.10	30	55	<.5	20	2
N0969FIN	5	<20	30	10	N	200	70	N	20	200	N	.06	30	55	<.5	20	4
CRS	5	<20	30	7	N	200	50	N	20	100	N	<.02	35	30	<.5	20	3
N0971FIN	<5	<20	30	10	N	200	70	N	15	200	N	.04	35	35	<.5	20	2
CRS	<5	<20	30	10	N	150	50	N	20	100	N	.04	40	25	<.5	20	3
N0973FIN	N	<20	30	15	N	150	150	N	20	200	N	.14	35	100	<.5	N	2
CRS	N	<20	30	10	N	150	150	N	20	150	N	.12	30	85	<.5	N	2
N0975FIN	N	<20	50	15	N	100	150	N	15	200	N	.16	35	120	<.5	10	2
CRS	N	<20	70	15	N	150	150	N	20	150	N	.08	25	130	<.5	20	1
N0977FIN	N	<20	30	15	N	150	150	N	20	150	N	.08	35	95	<.5	10	2
CRS	N	<20	50	10	N	<100	150	N	15	150	N	.08	25	100	<.5	10	1
N0979FIN	N	<20	30	15	N	200	150	N	20	300	N	.08	25	80	<.5	10	2
CRS	N	<20	50	10	N	100	150	N	20	150	N	.06	25	80	<.5	10	1
N0981FIN	N	<20	50	15	N	100	200	N	20	200	N	.10	45	75	1.0	<10	3
CRS	N	<20	70	15	N	<100	150	N	20	150	N	.08	25	150	<.5	10	1
N0983FIN	N	<20	50	15	N	100	200	N	20	200	N	.08	35	120	1.0	10	2
CRS	N	<20	70	15	N	<100	150	N	20	200	N	.08	25	150	1.0	20	1
N0985FIN	N	<20	70	15	N	200	200	N	30	200	N	.12	40	150	1.0	10	2
CRS	N	<20	50	10	N	150	200	N	20	200	N	.08	20	130	1.0	10	1
N0987FIN	N	<20	50	10	N	200	150	N	20	300	N	.06	30	95	1.0	10	2
CRS	N	<20	50	7	N	100	150	N	20	150	N	.04	15	85	1.0	10	1
N0989FIN	<5	<20	70	10	N	150	150	N	30	200	N	.14	25	120	1.0	10	2
CRS	5	<20	70	15	N	100	300	N	30	150	N	.10	20	160	1.0	10	1
N0991FIN	N	<20	70	15	N	100	200	N	30	200	N	.14	25	150	1.0	10	2
CRS	N	<20	70	15	N	<100	300	N	20	150	N	.18	15	170	<.5	20	2
N0993FIN	N	N	5	7	N	<100	50	N	10	100	N	.08	55	90	N	10	1
CRS	N	N	5	<5	N	N	20	N	<10	30	N	.14	50	10	N	N	1
N0995FIN	N	N	15	7	N	150	50	N	10	150	N	.06	70	1,200	N	20	2
CRS	N	N	5	<5	N	200	30	N	<10	20	N	.10	90	750	N	10	2
N0997FIN	N	<20	20	10	N	200	70	N	15	100	N	.06	110	2,100	<.5	10	2
CRS	N	N	5	<5	N	100	20	N	<10	20	N	.04	190	1,200	N	<10	1
N0999FIN	N	<20	20	7	N	150	70	N	15	100	N	.06	55	170	N	20	1
CRS	N	N	10	5	N	<100	30	N	10	50	N	.20	45	130	N	10	<1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N3152FIN	38,735	169,350	1.50	1.50	3.00	.150	700	30	300	1.5	N	N	5	20	15	<20
CRS	38,735	169,350	1.50	2.00	7.00	.070	700	20	150	1.0	N	N	5	20	10	<20
N3154FIN	38,800	169,330	1.50	5.00	15.00	.070	1,000	20	300	1.0	N	N	5	20	15	<20
CRS	38,800	169,330	.50	7.00	20.00	.010	1,000	10	700	<1.0	N	N	N	<10	5	N
N3156FIN	38,750	169,295	2.00	1.50	5.00	.300	500	70	1,000	1.5	N	N	7	50	30	20
CRS	38,750	169,295	1.50	5.00	15.00	.150	500	50	2,000	<1.0	N	N	5	30	30	<20
N3158FIN	38,800	169,410	1.00	5.00	10.00	.070	300	20	200	1.0	N	N	<5	15	10	<20
CRS	38,800	169,410	.30	10.00	20.00	.010	300	10	20	<1.0	N	N	N	<10	10	N
N3160FIN	38,690	169,250	1.50	1.00	10.00	.100	200	30	500	1.0	N	N	<5	15	10	<20
CRS	38,690	169,250	.50	1.50	>20.00	.050	300	10	700	<1.0	N	N	<5	10	5	N
N3162FIN	38,675	169,270	1.00	5.00	10.00	.070	300	30	200	1.0	N	N	<5	15	10	<20
CRS	38,675	169,270	.20	10.00	20.00	.015	300	10	70	<1.0	N	N	N	10	<5	N
N3164FIN	38,675	169,325	1.50	1.50	5.00	.200	1,000	50	700	1.5	N	N	5	20	15	<20
CRS	38,675	169,325	.30	2.00	>20.00	.015	500	10	70	<1.0	N	N	N	<10	<5	N
N3166FIN	38,600	169,420	2.00	1.50	15.00	.200	500	70	1,500	1.0	N	N	7	50	10	20
CRS	38,600	169,420	1.50	1.50	>20.00	.070	500	70	700	<1.0	N	N	5	30	7	<20
N3168FIN	38,550	169,290	1.50	5.00	15.00	.050	300	50	150	1.0	N	N	<5	10	7	N
CRS	38,550	169,290	1.50	7.00	20.00	.050	300	20	70	<1.0	N	N	<5	10	5	N
N3170FIN	38,725	168,925	1.50	2.00	10.00	.200	700	30	300	1.5	N	N	5	15	15	<20
CRS	38,725	168,925	.20	10.00	>20.00	.007	300	<10	50	<1.0	N	N	N	<10	<5	N
N3172FIN	38,550	171,690	3.00	1.00	1.50	.300	1,000	50	700	1.5	N	N	10	30	50	30
CRS	38,550	171,690	3.00	1.00	7.00	.300	1,000	50	700	1.5	<10	N	10	50	100	20
N3174FIN	38,545	171,680	3.00	1.00	2.00	.500	1,000	50	700	1.5	N	N	10	50	30	20
CRS	38,545	171,680	2.00	.50	10.00	.300	300	30	200	1.5	N	N	5	15	30	<20
N3176FIN	38,490	171,640	3.00	10.00	15.00	.300	1,000	20	300	1.0	<10	N	7	30	30	<20
CRS	38,490	171,640	1.50	>10.00	20.00	.030	500	10	70	<1.0	<10	N	5	10	30	N
N3178FIN	38,480	171,710	2.00	5.00	7.00	.300	1,500	20	300	1.5	<10	N	5	30	50	20
CRS	38,480	171,710	1.50	10.00	15.00	.015	500	<10	50	1.5	10	N	N	10	200	N
N3180FIN	38,480	171,740	3.00	3.00	5.00	.300	3,000	30	700	2.0	<10	N	10	50	70	20
CRS	38,480	171,740	5.00	10.00	15.00	.100	1,500	20	200	1.0	30	N	<5	20	300	<20
N3182FIN	39,110	172,300	1.50	3.00	7.00	.300	1,500	30	500	1.0	N	N	5	70	50	<20
CRS	39,110	172,300	2.00	3.00	7.00	.300	2,000	30	700	1.0	N	N	7	70	50	<20
N3184FIN	39,095	172,320	.20	>10.00	15.00	.015	>5,000	10	200	<1.0	N	N	N	10	10	N
CRS	39,095	172,320	.30	7.00	15.00	.030	>5,000	15	500	<1.0	N	N	<5	10	10	N
N3186FIN	39,140	172,480	2.00	2.00	3.00	.200	3,000	10	500	1.5	N	N	7	30	30	<20
CRS	39,140	172,480	1.50	3.00	7.00	.070	>5,000	<10	700	<1.0	N	N	7	10	20	<20
N3188FIN	39,155	172,525	1.50	7.00	15.00	.070	1,500	15	300	<1.0	N	N	5	20	10	<20
CRS	39,155	172,525	.70	7.00	20.00	.050	3,000	7.00	500	<1.0	N	N	<5	10	7	<20
N3190FIN	39,175	172,625	1.50	3.00	7.00	.070	>5,000	15	700	1.0	N	N	5	30	150	<20
CRS	39,175	172,625	.70	1.00	3.00	.070	>5,000	10	700	<1.0	N	50	5	10	150	<20

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AI-Zn-P	AA-Ag-P	Cr-As	Cr-Sb
N3152FIN	N	N	7	5	N	100	30	N	10	100	N	.50	60	80	N	120	90
CRS	5	N	7	5	N	100	20	N	15	70	N	.55	50	55	.5	120	90
N3154FIN	N	N	7	5	N	100	20	N	10	70	N	>10.00	170	260	1.5	40	200
CRS	N	N	<5	N	N	<10	N	N	N	<10	N	.70	70	130	1.0	20	90
N3156FIN	15	<20	20	7	N	300	100	N	15	200	N	4.00	440	2,000	<.5	80	30
CRS	30	<20	20	5	N	300	150	N	10	70	N	>10.00	400	3,500	1.0	120	20
N3158FIN	N	N	7	<5	N	<100	20	N	10	70	N	.50	25	90	N	30	30
CRS	N	N	<5	<5	N	N	<10	N	N	10	N	.50	5	40	N	30	8
N3160FIN	N	N	7	<5	N	100	20	N	10	100	N	.55	10	30	N	10	3
CRS	N	N	5	<5	N	150	10	N	<10	50	N	.35	20	25	N	30	2
N3162FIN	N	N	7	<5	N	100	15	N	<10	100	N	.10	10	60	N	20	3
CRS	N	N	N	N	N	100	<10	N	<10	10	N	.18	<5	20	N	20	N
N3164FIN	N	<20	10	7	N	200	30	N	15	100	N	.24	30	230	N	20	10
CRS	N	N	<5	N	N	100	<10	N	<10	10	N	.35	10	45	N	10	N
N3166FIN	N	N	10	10	N	500	30	N	10	70	N	2.00	25	120	N	40	10
CRS	N	N	10	7	N	500	30	N	10	50	N	3.00	20	80	N	120	6
N3168FIN	<5	N	5	<5	N	100	10	N	<10	50	N	3.00	30	90	N	8,000	40
CRS	N	N	5	5	N	100	15	N	<10	30	N	3.00	140	1,000	N	8,000	20
N3170FIN	N	N	7	5	N	150	20	N	10	150	N	.18	20	80	N	40	4
CRS	N	N	<5	N	N	N	<10	N	<10	10	N	.18	15	30	N	30	<1
N3172FIN	N	<20	15	10	20	200	50	N	20	200	N	.26	270	400	3.0	40	40
CRS	N	<20	10	10	70	150	50	N	15	150	N	.35	320	520	2.5	120	80
N3174FIN	N	<20	15	10	N	200	50	N	20	300	N	.06	60	300	<.5	60	30
CRS	N	N	7	7	N	150	30	N	10	100	N	.28	50	270	<.5	80	100
N3176FIN	N	N	10	5	15	150	30	N	10	150	N	.40	70	480	2.0	80	40
CRS	N	N	5	<5	N	<100	10	N	<10	50	N	.28	45	240	3.5	80	25
N3178FIN	N	N	7	5	10	100	30	N	10	150	N	.60	190	610	1.0	30	40
CRS	N	N	<5	<5	<10	N	<10	N	N	10	N	1.10	230	720	2.0	40	100
N3180FIN	N	<20	15	7	15	150	50	N	15	200	N	.40	250	2,600	5.0	20	45
CRS	N	N	7	<5	50	<100	15	N	10	70	N	1.30	410	2,500	7.0	80	--
N3182FIN	7	N	20	7	<10	100	50	N	15	150	N	1.50	75	100	1.0	80	10
CRS	7	N	30	7	15	100	100	N	15	200	N	.50	25	90	.5	80	6
N3184FIN	10	N	5	<5	<10	150	10	N	<10	10	N	3.00	10	95	N	120	20
CRS	10	N	7	<5	N	300	20	N	<10	30	N	4.00	30	190	<.5	160	25
N3186FIN	N	N	7	7	N	150	30	N	15	150	N	.40	90	140	2.5	30	20
CRS	N	N	7	<5	N	100	20	N	10	50	N	.60	150	170	1.0	40	40
N3188FIN	N	N	7	<5	N	150	30	N	10	30	N	1.20	150	170	2.0	40	35
CRS	N	N	7	<5	N	100	20	N	15	30	N	1.30	70	80	2.0	60	35
N3190FIN	30	N	10	10	N	150	70	N	15	50	N	>10.00	2,900	1,300	36.0	400	1,000
CRS	20	N	7	5	N	150	50	N	10	30	N	>10.00	1,400	480	34.0	400	700

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N3196FIN	39,415	172,960	1.00	10.00	7.00	.070	5,000	15	500	<1.0	<10	N	<5	20	30	N
CRS	39,415	172,960	.30	>10.00	20.00	.020	3,000	<10	150	N	N	N	N	10	5	N
N3198FIN	39,645	172,690	2.00	7.00	15.00	.300	300	20	700	<1.0	N	N	10	70	20	<20
CRS	39,645	172,690	2.00	7.00	15.00	.300	300	30	500	<1.0	N	N	7	70	15	<20
N3212FIN	39,190	173,970	1.50	.30	.50	.070	300	30	300	2.0	N	N	5	<10	5	<20
CRS	39,190	172,970	1.50	.30	.70	.050	300	30	500	2.0	N	N	5	<10	<5	20
N3214FIN	39,145	173,160	1.50	.50	1.00	.150	1,500	20	700	2.0	N	N	<5	10	7	50
CRS	39,145	173,160	1.00	.30	.70	.070	700	20	500	2.0	N	N	<5	<10	5	30
N3216FIN	38,950	173,370	1.00	.70	.70	.070	500	50	200	3.0	N	N	<5	10	15	50
CRS	38,950	173,370	.70	.50	.50	.020	700	30	150	7.0	N	N	<5	<10	10	<20
N3218FIN	39,245	173,300	1.00	1.00	5.00	.030	300	50	500	3.0	N	N	N	<10	7	<20
CRS	39,245	173,300	1.00	.30	1.50	.020	700	30	150	5.0	N	N	N	<10	5	<20
N3220FIN	39,215	173,435	1.50	1.00	.70	.070	300	30	150	3.0	N	N	<5	<10	15	<20
CRS	39,215	173,435	.30	.20	.50	.020	300	20	100	2.0	N	N	N	<10	<5	<20
N3222FIN	39,240	173,540	1.50	.70	.70	.100	500	50	300	2.0	10	N	<5	10	20	20
CRS	39,240	173,540	1.00	.50	1.00	.070	500	30	200	2.0	N	N	<5	10	5	20
N3224FIN	39,270	173,675	.50	2.00	15.00	.030	300	70	200	1.5	N	N	N	<10	10	<20
CRS	39,270	173,675	.30	1.00	5.00	.050	300	20	150	1.5	N	N	N	<10	5	<20
N3230FIN	39,130	173,895	2.00	1.00	2.00	.300	700	50	700	1.5	10	20	10	50	30	30
CRS	39,130	173,895	2.00	1.50	7.00	.300	500	20	700	1.0	<10	<20	10	70	20	30
N3231FIN	39,235	173,920	2.00	1.50	2.00	.300	700	30	700	1.5	N	N	10	50	30	30
CRS	39,235	173,920	2.00	1.50	5.00	.300	700	30	700	1.5	<10	N	10	50	15	30
N3232FIN	39,275	173,920	2.00	1.00	2.00	.300	700	50	700	1.5	10	30	10	30	70	30
CRS	39,275	173,920	2.00	1.50	7.00	.300	700	30	700	1.0	N	N	10	70	20	30
N3233FIN	39,335	173,910	3.00	1.50	2.00	.300	700	50	700	1.5	15	30	7	50	150	30
CRS	39,335	173,910	2.00	1.50	10.00	.300	1,000	30	700	1.0	N	N	10	70	10	30
N3234FIN	39,385	173,905	3.00	1.50	1.50	.300	700	70	1,000	1.5	<10	20	10	50	50	50
CRS	39,385	173,905	3.00	1.50	5.00	.300	1,000	50	1,000	1.5	N	N	15	70	20	50
N3235FIN	39,450	173,900	2.00	1.00	1.50	.300	700	50	1,000	1.5	N	N	10	50	30	50
CRS	39,450	173,900	2.00	1.00	2.00	.300	1,000	30	1,500	1.5	N	N	15	70	10	50
N3236FIN	39,540	173,910	2.00	1.00	1.50	.300	700	50	1,000	1.5	N	N	10	50	30	30
CRS	39,540	173,910	3.00	1.50	2.00	.300	1,000	30	1,500	1.5	N	N	15	70	10	50
N3241FIN	39,375	173,550	2.00	1.00	1.50	.300	700	70	700	1.5	N	N	10	30	30	30
CRS	39,375	173,550	3.00	1.50	2.00	.500	1,500	30	1,000	1.0	N	N	30	70	20	50
N3243FIN	39,355	173,680	3.00	1.00	1.50	.300	700	70	700	1.5	N	N	10	30	50	30
CRS	39,355	173,680	3.00	1.50	2.00	.300	1,500	20	1,000	1.0	N	N	30	70	15	20
N3245FIN	39,545	173,600	1.50	.70	1.00	.200	500	30	700	1.5	N	N	10	20	15	<20
CRS	39,545	173,600	2.00	1.00	1.50	.300	1,000	20	1,000	1.0	N	N	20	50	10	30
N3247FIN	39,635	173,440	2.00	.70	1.00	.300	500	30	1,000	1.5	N	N	10	30	20	20
CRS	39,635	173,440	3.00	1.00	1.50	.300	700	30	1,000	1.5	N	N	20	70	10	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N3196FIN	N	N	10	5	<10	<100	30	N	<10	50	<.10	.24	270	260	1.5	80	100
CRS	N	N	5	<5	N	N	15	N	<.10	20		.24	40	75	N	80	50
N3198FIN	5	N	30	7	N	700	70	N	15	100	N	.08	45	50	1.0	80	4
CRS	N	N	30	7	N	700	100	N	15	70	N	.10	20	40	.5	120	2
N3212FIN	N	30	5	<5	N	150	20	N	20	150	N	.30	290	50	N	10	2
CRS	N	30	5	<5	N	150	30	N	20	70	N	.30	45	20	N	10	1
N3214FIN	N	20	5	<5	N	200	15	N	20	150	N	.10	180	50	<.5	20	3
CRS	N	20	<5	<5	N	150	<10	N	20	100	N	.08	30	20	N	10	1
N3216FIN	N	20	7	7	N	100	20	N	30	70	N	.50	65	55	2.0	10	4
CRS	N	30	7	5	N	N	<10	N	50	70	N	.50	35	25	3.5	10	2
N3218FIN	N	30	5	5	N	200	<10	N	20	70	<.10	.20	200	65	.5	20	4
CRS	N	30	<5	<5	N	100	<10	N	30	50	<.10	.16	150	70	1.0	10	4
N3220FIN	7	20	5	5	50	100	10	N	20	100	.15	.30	970	220	3.0	100	20
CRS	N	<20	<5	<5	20	N	<10	N	15	50	.25	.12	350	55	.5	10	3
N3222FIN	30	20	5	5	70	100	20	N	20	150	N	.45	1,600	340	5.5	600	45
CRS	5	30	5	5	N	100	10	N	30	70	N	.10	250	50	1.0	20	4
N3224FIN	N	<20	<5	<5	20	500	15	N	15	50	<.10	.30	830	100	1.0	40	35
CRS	N	<20	<5	<5	N	200	10	N	10	30	.15	.20	140	35	1.0	40	8
N3230FIN	20	<20	15	10	50	200	50	N	20	300	.20	9.00	4,600	650	4.0	200	60
CRS	5	<20	10	10	10	300	50	N	20	150	<.10	.24	600	240	1.0	10	20
N3231FIN	5	<20	15	10	15	200	50	N	20	200	<.10	.28	380	150	1.0	60	15
CRS	N	<20	15	10	N	200	50	N	20	150	N	.12	90	90	N	20	6
N3232FIN	20	<20	15	10	100	200	50	N	20	200	.60	.50	6,300	1,400	8.5	600	100
CRS	<5	<20	15	15	15	200	50	N	20	150	<.10	.45	720	190	1.5	100	20
N3233FIN	30	<20	10	10	150	200	50	N	15	150	.90	>10.00	7,200	1,300	9.5	800	150
CRS	N	<20	10	15	10	300	50	N	20	100	<.10	.30	420	150	.5	80	15
N3234FIN	20	<20	15	15	70	200	50	N	20	300	.30	1.00	3,400	720	5.5	200	80
CRS	5	<20	15	15	10	300	70	N	30	200	<.10	.12	460	160	.5	60	10
N3235FIN	N	<20	10	10	15	300	50	N	20	300	<.10	.12	360	140	1.0	60	10
CRS	N	<20	10	15	N	300	70	N	30	300	N	N	70	110	N	40	5
N3236FIN	N	<20	10	10	<10	200	50	N	20	300	<.10	.10	110	90	N	20	6
CRS	N	<20	10	10	N	300	70	N	30	200	N	N	60	50	N	20	3
N3241FIN	N	<20	10	10	30	200	50	N	20	150	N	.50	840	220	3.0	120	40
CRS	N	<20	10	15	N	700	100	N	20	200	N	.20	70	70	<.5	40	6
N3243FIN	15	<20	10	10	70	200	50	N	20	150	.25	.85	1,300	360	5.5	120	30
CRS	N	<20	7	15	N	500	100	N	20	150	N	.70	320	110	.5	40	8
N3245FIN	N	N	7	7	<10	200	30	N	15	200	<.10	.30	380	130	1.5	60	10
CRS	5	20	10	10	<10	300	50	N	20	150	<.10	.12	210	80	.5	10	4
N3247FIN	5	<20	7	10	30	200	50	N	15	200	<.10	.22	480	150	2.0	10	10
CRS	<5	<20	10	10	N	200	50	N	15	200	N	.04	220	90	.5	10	4

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, areas—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N3249FIN	39,660	173,315	1.50	.70	1.00	.300	700	50	700	1.5	N	N	10	30	20	20
CRS	39,660	173,315	2.00	1.50	2.00	.300	1,000	20	700	1.0	N	N	20	100	10	30
N3251FIN	39,600	173,330	2.00	.70	1.00	.300	700	50	1,000	1.5	N	N	10	30	30	20
CRS	39,600	173,330	2.00	1.00	1.50	.300	1,000	20	700	1.0	N	N	20	30	7	30
N3253FIN	39,560	173,420	2.00	.70	1.50	.200	1,000	50	1,000	1.5	<10	N	15	30	30	20
CRS	39,560	173,420	2.00	.50	1.50	.300	1,000	15	700	1.0	N	N	10	10	5	20
N3255FIN	39,620	173,540	1.50	.70	1.00	.300	700	50	700	1.5	N	N	7	20	20	20
CRS	39,620	173,540	3.00	1.00	2.00	.300	1,000	20	1,000	1.5	N	N	20	70	7	30
N3257FIN	39,435	173,420	2.00	.70	1.50	.200	500	50	500	1.5	<10	N	10	20	30	20
CRS	39,435	173,420	3.00	1.50	3.00	.300	700	15	700	1.5	N	N	20	30	5	20
N3259FIN	39,440	173,330	2.00	1.00	1.50	.200	500	50	500	1.5	10	N	5	15	70	20
CRS	39,440	173,330	1.50	.30	1.00	.100	500	20	300	2.0	N	N	5	10	5	20
N3260FIN	38,810	173,870	2.00	1.50	2.00	.300	1,000	70	700	1.5	N	N	10	50	20	30
CRS	38,810	173,870	2.00	2.00	10.00	.200	700	70	500	1.0	N	N	7	20	10	20
N3261FIN	38,715	173,970	2.00	1.50	5.00	.300	700	70	1,000	1.5	N	N	10	30	15	20
CRS	38,715	173,970	1.50	2.00	15.00	1.000	500	70	1,000	1.0	N	N	5	20	15	<20
N3262FIN	38,940	173,930	3.00	1.50	2.00	.300	1,500	70	1,000	1.5	N	N	10	50	30	30
CRS	38,940	173,930	3.00	1.50	2.00	.200	1,000	70	700	1.5	N	N	10	15	30	20
N3263FIN	39,020	173,930	3.00	1.50	1.50	.300	1,000	70	1,000	1.5	N	N	15	30	30	20
CRS	39,020	173,930	3.00	.70	1.50	.200	1,500	70	700	1.5	N	N	10	15	20	20
N3264FIN	38,760	173,630	3.00	1.50	5.00	.300	1,000	70	700	1.5	N	N	10	30	30	20
CRS	38,760	173,630	1.50	5.00	15.00	.070	700	50	150	1.0	N	N	5	10	20	<20
N3265FIN	38,910	173,690	2.00	2.00	5.00	.300	700	70	700	1.5	N	N	7	20	20	20
CRS	38,910	173,690	1.50	5.00	15.00	.070	500	50	200	1.0	N	N	5	10	15	<20
N3266FIN	39,020	173,720	2.00	2.00	2.00	.300	1,000	50	700	1.5	N	N	10	30	30	20
CRS	39,020	173,720	1.50	5.00	15.00	.100	700	50	300	1.0	N	N	5	20	15	<20
N3267FIN	39,155	173,705	1.50	2.00	10.00	.150	500	30	500	1.5	N	N	7	20	30	<20
CRS	39,155	173,705	1.00	7.00	20.00	.070	300	30	100	<1.0	N	N	5	10	10	N
N3269FIN	39,120	173,410	1.50	.70	2.00	.200	300	30	500	1.5	N	N	7	20	20	20
CRS	39,120	173,410	1.50	.70	2.00	.200	500	20	700	1.5	N	N	7	10	15	30
N3271FIN	39,015	173,030	1.50	.70	1.00	.200	500	30	700	1.5	N	N	7	30	15	20
CRS	39,015	173,030	1.00	.20	.70	.070	300	15	200	2.0	N	N	5	10	5	<20
N3273FIN	38,985	173,120	1.50	.70	1.00	.300	500	30	700	1.5	N	N	10	30	15	20
CRS	38,985	173,120	1.00	.20	.50	.070	300	10	300	1.5	N	N	5	10	5	20
N3275FIN	39,680	173,210	2.00	.70	1.00	.300	700	30	700	1.5	N	N	15	30	30	30
CRS	39,680	173,210	2.00	.50	1.50	.300	1,000	15	1,000	1.5	N	N	10	20	10	30
N3277FIN	39,700	173,250	2.00	.70	1.00	.300	700	30	700	1.5	N	N	10	50	20	30
CRS	39,700	173,250	2.00	1.00	2.00	.300	700	20	1,000	1.5	N	N	15	30	10	50
N3279FIN	39,810	173,210	2.00	1.00	1.50	.300	700	15	500	1.5	N	N	10	30	10	50
CRS	39,810	173,210	2.00	1.50	2.00	.300	700	10	700	1.5	N	N	10	70	5	30

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N3249FIN	<5	<20	7	7	20	300	50	15	<.10	.20	510	150	1.5	20	15
CRS	N	N	15	15	N	300	50	20	N	.14	240	65	<.5	10	3
N3251FIN	10	<20	7	7	50	200	50	15	<.20	.60	1,300	330	5.5	100	30
CRS	<5	<20	7	10	<10	300	50	20	N	.12	260	95	.5	10	4
N3253FIN	10	<20	7	7	70	300	50	15	.40	.80	1,500	380	7.0	150	45
CRS	N	<20	5	7	<10	300	30	15	<.10	.18	510	140	1.0	20	5
N3255FIN	7	N	7	7	30	200	50	15	<.10	.22	540	160	1.5	40	15
CRS	N	20	7	10	<10	300	50	20	N	.10	190	60	<.5	20	4
N3257FIN	7	<20	5	7	70	200	30	15	.50	1.00	3,000	600	9.5	600	50
CRS	N	<20	7	15	<10	500	70	15	N	.08	140	45	<.5	20	4
N3259FIN	15	<20	7	7	200	200	30	15	.90	2.00	2,000	2,400	20.0	800	100
CRS	5	<20	<5	5	15	150	15	20	<.10	.35	720	190	2.0	60	15
N3260FIN	N	<20	15	10	N	200	50	20	N	.08	120	200	N	10	5
CRS	N	N	10	5	N	100	30	20	N	.10	70	240	N	40	20
N3261FIN	N	<20	10	10	N	200	50	20	N	.30	100	100	N	20	5
CRS	N	N	10	5	N	150	50	15	N	.20	30	60	N	30	4
N3262FIN	N	<20	10	10	10	200	70	20	N	.12	190	140	<.5	40	8
CRS	N	<20	10	7	N	100	50	30	N	.04	65	100	N	60	15
N3263FIN	10	<20	15	10	15	200	50	20	<.10	.18	570	240	.5	80	20
CRS	7	<20	7	5	<10	100	30	20	<.10	.06	180	120	N	60	15
N3264FIN	N	<20	10	7	<10	200	50	15	N	.14	120	140	N	20	8
CRS	5	N	7	<5	N	100	20	10	N	.10	80	100	N	80	20
N3265FIN	5	<20	10	10	N	200	50	15	N	.10	130	120	N	10	8
CRS	N	N	7	<5	N	100	20	10	N	.04	35	60	N	30	8
N3266FIN	7	<20	10	10	10	200	50	15	N	.12	320	160	.5	40	10
CRS	N	N	7	<5	N	150	30	10	N	.04	70	80	N	30	6
N3267FIN	5	N	10	5	15	150	30	10	<.10	.22	400	150	.5	30	20
CRS	N	N	5	<5	<10	100	10	10	N	.10	95	60	N	20	8
N3269FIN	7	<20	7	7	10	200	30	20	<.10	.28	630	120	2.0	80	15
CRS	N	<20	5	7	<10	200	30	20	<.10	.35	680	120	2.0	100	10
N3271FIN	N	<20	7	7	N	200	30	20	N	.10	60	55	<.5	10	2
CRS	N	30	5	5	N	100	10	20	N	N	20	25	<.5	10	1
N3273FIN	N	20	10	10	<10	200	30	20	N	.60	110	65	<.5	10	4
CRS	N	20	5	5	<10	100	10	30	N	.08	45	25	<.5	20	1
N3275FIN	<5	<20	10	15	15	300	30	30	<.10	.30	740	200	2.5	60	20
CRS	5	20	7	10	N	300	50	20	N	.10	280	90	15.0	20	4
N3277FIN	N	<20	7	10	10	200	50	20	N	.12	240	90	1.0	30	6
CRS	N	30	7	15	N	500	70	30	N	.04	120	50	<.5	30	1
N3279FIN	<5	20	7	10	N	200	50	15	N	.12	180	80	.5	30	4
CRS	N	20	7	10	N	300	50	20	N	.04	60	45	<.5	20	2

Table 2.--Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area--continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-HgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N3281FIN	39,850	173,110	1.50	.50	1.00	.300	1,000	30	700	1.5	N	N	10	20	20	30
CRS	39,850	173,110	2.00	.70	1.50	.300	1,000	10	1,000	1.5	N	N	10	10	5	50
N3283FIN	39,865	173,030	3.00	.70	1.50	.300	700	30	700	1.5	N	N	10	30	20	30
CRS	39,865	173,030	2.00	1.00	1.50	.300	1,500	20	1,000	1.5	N	N	15	30	10	50
N3285FIN	39,880	172,950	2.00	.70	1.00	.300	500	30	700	1.5	N	N	10	30	30	20
CRS	39,880	172,950	1.50	.20	.50	2.000	300	20	1,500	1.0	N	N	5	15	10	<20
N3287FIN	39,960	172,670	2.00	.70	1.00	3.000	1,000	20	700	1.5	N	N	15	30	20	20
CRS	39,960	172,670	3.00	1.50	2.00	3.000	1,500	20	1,000	1.0	N	N	15	70	10	30
N3289FIN	40,370	172,620	1.50	.70	1.00	2.000	500	20	700	2.0	N	N	7	10	15	20
CRS	40,370	172,620	1.50	.70	1.50	1.500	700	20	700	1.5	N	N	10	15	10	30
N3290FIN	39,645	173,890	2.00	1.00	1.50	.300	700	50	700	1.5	N	N	15	30	30	20
CRS	39,645	173,890	3.00	1.00	2.00	.500	1,000	20	1,500	1.5	N	N	20	50	15	30
N3291FIN	39,665	173,170	3.00	1.00	1.50	.300	700	30	700	1.5	N	N	20	70	30	30
CRS	39,665	173,170	3.00	1.50	2.00	.500	1,000	15	1,000	1.5	N	N	30	70	10	30
N3293FIN	39,655	173,685	2.00	.70	1.00	3.000	700	30	700	1.5	N	N	10	20	20	20
CRS	39,655	173,685	1.50	.50	1.50	3.000	1,000	10	1,000	1.5	N	N	7	10	5	30
N3295FIN	39,560	173,710	2.00	.70	1.00	3.000	700	30	700	1.5	N	N	10	50	20	30
CRS	39,560	173,710	2.00	.70	1.50	3.000	1,000	20	700	1.5	N	N	15	30	15	30
N3298FIN	38,485	172,715	2.00	7.00	7.00	.300	1,000	20	300	1.5	<10	N	5	20	30	<20
CRS	38,485	172,715	1.00	>10.00	20.00	.015	1,500	<10	70	N	N	N	N	<10	20	N
N3300FIN	38,480	172,660	2.00	3.00	5.00	.300	3,000	20	500	1.5	10	30	10	30	150	<20
CRS	38,480	172,660	3.00	7.00	10.00	.050	2,000	10	100	<1.0	50	70	<5	10	300	N
N3302FIN	38,470	172,590	3.00	1.50	3.00	.300	1,500	30	700	1.5	N	N	10	30	30	20
CRS	38,470	172,590	1.50	1.50	20.00	.070	700	15	100	<1.0	N	N	<5	15	10	N
N3305FIN	38,500	171,950	2.00	7.00	7.00	.200	1,000	15	200	1.0	<10	N	5	20	20	N
CRS	38,500	171,950	1.50	10.00	7.00	.020	300	10	70	<1.0	N	N	N	<10	70	N
N3307FIN	38,515	171,940	3.00	.50	.50	1.500	700	70	200	1.5	N	N	15	20	20	20
CRS	38,515	171,940	3.00	.70	.30	3.000	700	200	200	1.5	N	N	20	70	15	30
N3309FIN	38,530	171,930	3.00	.70	1.50	.300	1,000	20	500	1.5	N	N	10	30	20	20
CRS	38,530	171,930	2.00	.30	1.50	.300	300	30	200	1.0	N	N	7	15	20	<20
N3311FIN	38,570	171,930	3.00	.70	1.50	.300	1,500	30	500	1.5	N	N	7	20	20	20
CRS	38,570	171,930	1.50	.70	15.00	.070	700	15	100	1.0	N	N	<5	10	7	<20
N3313FIN	40,430	170,535	1.00	.30	.70	.070	300	20	150	5.0	N	N	5	<10	7	20
CRS	40,430	170,535	1.00	.15	.50	.030	1,000	20	100	3.0	N	N	<5	<10	<5	<20
N3315FIN	40,320	170,185	1.50	.50	.70	.070	700	20	150	10.0	N	N	5	<10	5	20
CRS	40,320	170,185	.70	.30	.50	.030	1,000	20	150	7.0	N	N	<5	<10	<5	<20
N4001FIN	41,580	170,865	3.00	1.50	1.50	.300	700	50	5,000	1.5	N	N	10	50	20	30
CRS	41,580	170,865	3.00	1.50	5.00	.300	1,000	50	>5,000	1.5	N	N	10	50	20	30
N4003FIN	41,710	170,930	2.00	3.00	3.00	.150	700	30	5,000	1.0	N	N	7	30	15	20
CRS	41,710	170,930	2.00	10.00	10.00	.030	300	15	>5,000	N	N	N	<5	20	5	<20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CM-As	CM-Sb
N3281FIN	N	<20	7	10	<10	300	50	N	20	200	N	.18	250	120	1.0	30	8
CRS	N	30	5	7	N	500	50	N	20	200	N	.04	90	50	<.5	20	1
N3283FIN	N	<20	10	10	<10	300	50	N	20	200	N	.16	310	140	1.0	40	8
CRS	N	20	7	10	<10	300	50	N	20	150	N	.10	140	65	<.5	20	4
N3285FIN	N	<20	7	7	N	200	50	N	20	200	N	.18	120	70	<.5	10	2
CRS	N	<20	7	5	N	300	50	N	10	100	N	.08	40	25	<.5	10	1
N3287FIN	N	<20	7	7	20	300	50	N	15	150	<.10	.18	450	160	1.0	60	10
CRS	N	<20	7	15	N	500	70	N	15	150	N	.04	230	65	<.5	20	2
N3289FIN	N	<20	7	5	<10	200	30	N	15	150	N	.08	100	65	<.5	<10	2
CRS	N	20	5	5	<10	200	30	N	20	100	N	.02	55	35	<.5	<10	1
N3290FIN	N	<20	15	10	N	200	50	N	15	150	<.10	.12	170	55	N	40	6
CRS	N	<20	10	10	N	500	70	N	20	300	N	N	60	30	N	30	2
N3291FIN	N	<20	10	10	N	300	70	N	20	300	N	.06	160	70	N	20	5
CRS	N	<20	10	15	N	300	70	N	30	200	N	.04	80	40	N	10	2
N3293FIN	<5	<20	7	10	<10	200	50	N	20	150	N	.08	100	80	.5	20	2
CRS	<5	<20	5	5	N	300	50	N	15	150	N	N	45	45	<.5	10	1
N3295FIN	10	<20	10	10	15	300	50	N	20	200	<.10	.22	600	180	2.0	40	10
CRS	N	<20	7	10	N	300	70	N	20	200	N	.12	170	85	<.5	30	2
N3298FIN	N	N	7	5	N	150	30	N	15	70	N	.10	160	230	3.5	20	70
CRS	N	N	<5	N	N	<100	10	N	<10	20	<.10	.28	140	120	3.5	30	150
N3300FIN	N	N	7	7	N	200	30	N	15	100	<.10	.40	3,400	2,500	27.0	30	350
CRS	5	N	5	<5	N	N	15	150	<10	30	.20	1.00	13,000	2,300	170.0	—	—
N3302FIN	N	<20	10	10	N	200	50	N	15	100	N	1.00	230	320	1.0	30	60
CRS	N	N	5	<5	N	150	15	N	<10	30	N	.50	110	270	1.0	30	60
N3305FIN	N	N	7	<5	10	100	20	N	<10	70	N	.50	360	460	7.0	30	150
CRS	N	N	<5	N	N	N	<10	N	N	20	N	.30	260	230	3.0	30	150
N3307FIN	N	<20	20	10	N	N	30	N	15	70	N	.20	140	190	4.0	40	20
CRS	N	<20	30	10	N	N	50	N	15	100	N	.10	60	75	1.0	40	20
N3309FIN	N	<20	10	7	N	200	70	N	20	200	N	.18	85	150	.5	40	40
CRS	N	<20	10	5	N	<100	70	N	10	150	N	.04	30	55	N	40	15
N3311FIN	N	<20	7	7	N	150	50	N	15	200	N	.24	70	130	<.5	40	30
CRS	N	N	5	<5	N	150	15	N	<10	50	N	.30	50	50	<.5	80	20
N3313FIN	N	20	<5	5	N	100	10	N	20	100	N	.08	30	45	<.5	10	1
CRS	5	30	<5	5	<10	N	<10	N	30	50	N	.02	10	10	<.5	10	N
N3315FIN	N	50	<5	7	10	100	10	N	30	100	N	.10	30	30	<.5	10	1
N4001FIN	N	30	<5	5	10	N	<10	N	20	50	N	.08	10	10	<.5	10	<1
CRS	N	<20	20	10	N	200	70	N	15	150	N	.16	45	120	<.5	10	1
N4003FIN	N	N	20	10	N	200	70	N	20	150	N	.08	45	100	N	10	1
CRS	N	N	15	7	N	150	50	N	10	150	N	.16	75	1,600	N	20	1
CRS	N	N	5	N	N	300	15	N	N	10	N	.18	85	1,800	N	10	<1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-PeZ	S-HgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N4005FIN	41,760	170,940	2.00	3.00	5.00	.150	500	30	>5,000	1.5	N	N	7	30	15	20
CRS	41,760	170,940	.70	10.00	10.00	.015	200	10	>5,000	<1.0	N	N	N	20	15	<20
N4007FIN	41,835	170,940	3.00	1.00	.70	.500	300	100	2,000	1.0	N	N	15	150	50	30
CRS	41,835	170,940	3.00	1.00	.70	.500	200	150	1,500	1.5	N	N	15	150	50	30
N4009FIN	41,865	170,955	3.00	1.00	.70	.300	500	70	1,500	1.5	N	N	10	100	30	30
CRS	41,865	170,955	2.00	.30	.30	.200	300	30	1,000	<1.0	N	N	7	50	15	20
N4011FIN	42,390	170,750	3.00	1.50	.70	.300	500	50	5,000	1.5	N	N	15	70	30	30
CRS	42,390	170,750	3.00	.70	.30	.200	300	50	>5,000	1.0	N	N	10	50	30	30
N4013FIN	42,345	170,760	3.00	1.00	.50	.300	300	70	3,000	1.5	N	N	15	100	30	30
CRS	42,345	170,760	3.00	.70	1.50	.300	150	70	2,000	1.0	N	N	10	150	30	30
N4015FIN	38,396	171,146	3.00	5.00	5.00	.200	1,500	70	700	1.5	N	N	7	50	20	50
CRS	38,396	171,146	2.00	7.00	7.00	.150	1,500	50	500	<1.0	N	N	5	30	10	20
N4017FIN	38,280	171,000	5.00	1.00	1.00	.500	1,000	70	1,000	2.0	N	N	20	70	50	50
CRS	38,280	171,000	3.00	.50	.500	.500	1,500	100	700	3.0	N	N	30	70	20	70
N4019FIN	38,204	170,948	5.00	1.00	1.00	.500	1,000	50	700	2.0	N	N	15	70	30	50
CRS	38,204	170,948	5.00	.30	.20	.500	500	50	300	1.0	N	N	10	70	30	50
N4021FIN	38,052	170,738	3.00	1.00	1.00	.500	1,500	50	500	3.0	10	N	10	70	50	50
CRS	38,052	170,738	3.00	.20	.30	.150	700	30	150	1.5	15	N	7	20	50	30
N4023FIN	38,045	170,650	3.00	.70	.70	.300	500	50	300	2.0	N	N	10	50	20	30
CRS	38,045	170,650	3.00	.30	.70	.200	500	20	200	1.5	N	N	7	30	30	30
N4025FIN	38,076	170,590	5.00	1.00	1.00	.300	700	20	700	2.0	N	N	15	50	30	30
CRS	38,076	170,590	2.00	.15	.30	.150	700	10	150	1.0	N	N	7	20	30	20
N4027FIN	38,222	170,630	3.00	1.00	1.00	.300	1,000	70	300	2.0	N	N	10	50	20	30
CRS	38,222	170,630	3.00	.70	1.50	.300	700	70	200	1.5	N	N	10	30	20	30
N4029FIN	38,262	170,612	5.00	1.00	1.50	.300	700	30	500	2.0	N	N	10	50	15	30
CRS	38,262	170,612	.50	.10	.15	.070	150	<10	100	<1.0	N	N	5	20	10	20
N4031FIN	38,242	170,572	3.00	.70	1.00	.500	700	70	300	1.5	N	N	10	50	20	30
CRS	38,242	170,572	3.00	.50	.50	.300	500	70	300	1.0	N	N	10	50	30	30
N4033FIN	38,176	170,595	5.00	1.00	1.50	.500	1,000	50	700	2.0	N	N	10	50	30	30
CRS	38,176	170,595	1.00	.15	.30	.100	300	10	150	<1.0	N	N	5	20	10	20
N4035FIN	38,352	170,612	3.00	1.00	1.00	.500	1,000	50	1,000	1.5	N	N	15	50	30	50
CRS	38,352	170,612	.50	.05	.07	.070	50	10	100	<1.0	N	N	5	20	7	20
N4037FIN	38,356	170,680	3.00	.70	1.00	.300	500	70	500	2.0	N	N	10	50	20	50
CRS	38,356	170,680	5.00	.70	1.00	.300	700	100	300	2.0	N	N	20	70	30	70
N4039FIN	38,390	170,677	3.00	1.50	2.00	.300	1,000	70	500	2.0	N	N	10	30	20	50
CRS	38,390	170,677	3.00	1.50	3.00	.200	700	50	150	1.0	N	N	7	20	30	30
N4041FIN	42,405	168,890	3.00	5.00	7.00	.200	700	30	700	1.0	N	N	7	30	15	20
CRS	42,405	168,890	.70	10.00	15.00	.070	200	20	200	<1.0	N	N	N	20	5	20
N4043FIN	42,450	168,870	3.00	3.00	5.00	.200	500	20	700	1.0	N	N	5	30	10	20
CRS	42,450	168,870	1.00	10.00	10.00	.050	300	10	1,000	<1.0	N	N	N	20	5	<20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N4005FIN	N	N	15	7	N	150	50	N	10	70	N	.70	40	130	N	10	1
CRS	N	N	<5	N	N	300	10	N	<10	10	N	.10	50	20	N	10	<1
N4007FIN	N	<20	50	15	N	100	150	N	30	300	N	.10	30	35	N	20	1
CRS	N	<20	70	15	N	100	150	N	20	200	N	.08	20	50	<.5	20	1
N4009FIN	N	<20	50	10	N	100	150	N	30	300	N	.08	30	90	N	30	2
CRS	N	N	20	7	N	100	100	N	10	150	N	.04	15	45	<.5	20	<1
N4011FIN	N	<20	50	10	N	200	150	N	30	500	N	.16	30	95	<.5	20	1
CRS	N	<20	50	7	N	150	150	N	15	100	N	.20	20	100	<.5	30	1
N4013FIN	N	<20	70	10	N	100	150	N	30	300	N	.24	30	110	<.5	30	1
CRS	N	<20	70	10	N	<100	150	N	20	150	N	.45	20	110	<.5	40	1
N4015FIN	N	<20	15	7	N	100	50	N	15	200	N	.18	75	110	1.0	30	20
CRS	N	N	10	7	N	N	30	N	10	100	N	.08	55	40	<.5	30	5
N4017FIN	N	<20	30	15	N	200	100	N	30	500	N	.10	30	60	<.5	30	3
CRS	N	<20	20	10	N	150	100	N	50	300	N	.06	25	30	<.5	40	3
N4019FIN	N	<20	20	15	N	200	100	N	30	300	N	.14	30	65	<.5	20	5
CRS	N	<20	15	10	N	100	100	N	20	700	N	.12	15	15	<.5	120	5
N4021FIN	N	<20	30	10	N	150	150	N	20	300	N	.65	40	450	1.0	40	100
CRS	N	N	15	5	N	100	70	N	15	150	N	4.00	40	550	1.0	300	150
N4023FIN	N	N	20	7	N	100	100	N	15	200	N	1.50	30	85	<.5	40	20
CRS	N	N	15	7	N	<100	70	N	10	200	N	2.00	20	45	<.5	160	20
N4025FIN	N	<20	20	10	N	200	100	N	15	200	N	.18	35	85	<.5	10	10
CRS	N	N	15	5	N	150	50	N	<10	100	N	.40	20	35	N	30	20
N4027FIN	N	<20	20	7	N	150	100	N	15	300	N	.30	40	100	<.5	30	40
CRS	N	<20	15	7	N	100	50	N	10	200	N	.35	30	65	<.5	30	30
N4029FIN	N	<20	15	10	N	300	100	N	15	150	N	.12	35	50	N	20	4
CRS	N	N	5	<5	N	N	10	N	<10	50	N	.04	5	5	N	10	1
N4031FIN	N	<20	30	10	N	100	70	N	15	300	N	5.00	30	55	N	400	30
CRS	N	<20	30	7	N	<100	70	N	15	300	N	>10.00	35	55	N	800	60
N4033FIN	N	<20	20	10	N	200	100	N	15	150	N	.28	35	100	N	10	10
CRS	N	N	10	5	N	N	20	N	<10	70	N	.28	15	20	N	10	10
N4035FIN	N	<20	20	7	N	200	100	N	15	200	N	.28	30	60	N	20	6
CRS	N	N	7	<5	N	N	10	N	<10	50	N	.20	5	5	N	20	3
N4037FIN	N	<20	20	10	N	150	70	N	15	100	N	.50	40	110	N	300	10
CRS	10	<20	50	15	N	150	150	N	20	100	N	1.00	50	150	N	800	20
N4039FIN	N	<20	20	10	N	150	70	N	20	150	N	.08	55	150	<.5	120	15
CRS	N	<20	15	7	N	100	70	N	10	70	N	.35	40	90	N	400	15
N4041FIN	N	N	15	7	N	150	50	N	10	100	N	.04	30	30	N	10	2
CRS	N	N	5	<5	N	100	20	N	<10	30	N	.10	45	10	N	20	1
N4043FIN	N	N	15	7	N	150	30	N	10	70	N	.18	40	115	N	20	2
CRS	N	N	10	N	N	150	15	N	10	20	N	.08	35	85	N	10	1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N4045FIN	42,525	168,990	5.00	2.00	3.00	.300	500	20	2,000	1.5	N	N	10	50	20	30
CRS	42,525	168,990	3.00	3.00	10.00	.200	300	15	>5,000	1.0	N	N	5	30	7	20
N4047FIN	42,595	169,045	3.00	1.00	3.00	.200	300	20	700	1.5	N	N	7	50	10	30
CRS	42,595	169,045	1.50	1.50	10.00	.100	300	10	500	<1.0	N	N	5	20	7	20
N4049FIN	42,500	169,210	5.00	1.50	1.50	.300	700	20	1,000	1.5	N	N	15	70	20	30
CRS	42,500	169,210	2.00	.30	.70	.150	200	10	300	<1.0	<10	N	5	20	100	20
N4051FIN	42,730	169,150	3.00	1.50	7.00	.300	500	20	1,500	1.5	N	N	10	70	150	30
CRS	42,730	169,150	2.00	1.00	7.00	.150	300	15	700	1.0	N	N	5	20	5	20
N4053FIN	42,820	169,150	5.00	3.00	3.00	.200	500	20	2,000	1.5	N	N	7	50	10	30
CRS	42,820	169,150	1.00	7.00	10.00	.050	200	10	>5,000	<1.0	N	N	<5	20	10	<20
N4055FIN	42,780	169,245	5.00	1.00	1.50	.500	500	20	1,000	1.5	N	N	10	50	50	50
CRS	42,780	169,245	5.00	.70	1.00	.200	300	10	700	<1.0	N	N	10	30	70	30
N4057FIN	42,890	169,205	3.00	2.00	3.00	.200	500	20	700	1.0	N	N	7	30	20	20
CRS	42,890	169,205	.50	7.00	7.00	.030	200	<10	300	<1.0	N	N	N	20	15	<20
N4059FIN	43,005	169,250	3.00	3.00	3.00	.300	300	15	700	<1.0	N	N	7	30	20	30
CRS	43,005	169,250	.30	5.00	7.00	.030	200	10	150	<1.0	N	N	N	<10	20	20
N4061FIN	43,075	169,310	3.00	2.00	3.00	.200	300	15	700	1.0	N	N	7	20	10	20
CRS	43,075	169,310	.50	7.00	7.00	.050	300	10	300	<1.0	N	N	5	20	10	20
N4063FIN	43,060	169,355	3.00	1.50	3.00	.200	300	20	700	1.0	N	N	7	30	15	30
CRS	43,060	169,355	1.00	2.00	7.00	.100	300	15	700	<1.0	N	N	5	20	5	20
N4065FIN	43,075	169,500	3.00	1.50	3.00	.200	300	20	500	1.5	N	N	7	30	20	30
CRS	43,075	169,500	1.50	5.00	15.00	.100	300	10	300	<1.0	N	N	5	20	7	20
N4067FIN	43,145	169,605	1.50	1.50	3.00	.150	300	20	700	1.0	N	N	5	20	5	20
CRS	43,145	169,605	1.50	5.00	10.00	.150	300	15	1,000	<1.0	N	N	5	20	10	20
N4069FIN	43,195	169,725	5.00	1.50	3.00	.300	500	20	1,000	1.0	N	N	10	50	10	30
CRS	43,195	169,725	1.00	1.50	10.00	.100	300	15	500	<1.0	N	N	5	20	7	20
N4071FIN	43,250	169,825	3.00	1.50	3.00	.200	300	20	700	1.5	N	N	7	30	20	30
CRS	43,250	169,825	.50	5.00	20.00	.050	200	10	300	N	N	N	N	20	10	<20
N4073FIN	43,045	169,200	3.00	2.00	5.00	.200	300	20	700	1.0	N	N	5	20	5	20
CRS	43,045	169,200	1.50	5.00	10.00	.150	300	15	1,000	<1.0	N	N	5	20	5	20
N4075FIN	40,770	170,305	5.00	2.00	3.00	.300	700	20	500	1.5	N	N	7	30	15	20
CRS	40,770	170,305	1.50	3.00	5.00	.100	300	15	200	<1.0	N	N	5	20	15	20
N4077FIN	40,800	170,215	3.00	3.00	5.00	.200	300	30	300	1.0	N	N	7	50	15	30
CRS	40,800	170,215	2.00	3.00	5.00	.100	300	15	200	<1.0	N	N	5	30	15	20
N4079FIN	40,720	170,155	5.00	1.50	1.50	.300	700	20	500	2.0	N	N	10	30	15	20
CRS	40,720	170,155	3.00	.70	1.50	.200	500	15	300	1.0	N	N	5	20	20	20
N4081FIN	40,615	170,160	3.00	3.00	3.00	.030	700	15	300	1.5	N	N	7	30	15	20
CRS	40,615	170,160	.50	7.00	7.00	.030	100	10	30	<1.0	N	N	N	20	7	<20
N4083FIN	40,580	171,250	5.00	3.00	3.00	.200	1,500	20	500	1.5	N	N	7	30	20	30
CRS	40,580	171,250	1.50	7.00	5.00	.050	500	10	150	<1.0	N	N	<5	20	10	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Mb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-Ag	CH-Sb
N4045FIN	N	N	20	10	N	200	70	N	20	100	N	.08	40	80	N	20	2
CRS	N	N	15	5	N	200	30	N	10	70	N	.04	40	40	N	20	1
N4047FIN	N	N	15	10	N	200	50	N	15	70	N	.06	30	70	N	20	2
CRS	N	N	10	5	N	150	20	N	<10	50	N	.04	30	30	N	20	<1
N4049FIN	N	N	20	15	N	200	100	N	20	150	N	.08	40	70	N	10	1
CRS	N	N	10	5	N	100	30	N	10	70	.20	.04	10	30	N	10	N
N4051FIN	N	N	20	10	N	300	70	N	20	200	N	.08	30	100	N	20	1
CRS	N	N	10	7	N	200	30	N	10	50	N	.06	25	55	N	20	2
N4053FIN	N	N	20	7	N	200	50	N	15	70	<.10	.04	30	70	N	10	2
CRS	N	N	15	5	N	150	20	N	<10	20	<.10	.04	30	15	N	20	1
N4055FIN	N	N	30	10	N	150	100	N	20	200	N	.10	45	110	N	20	1
CRS	N	N	20	7	N	100	100	N	15	150	N	.04	20	50	N	10	1
N4057FIN	N	N	15	7	N	150	50	N	10	70	N	.08	55	110	N	10	2
CRS	N	N	5	N	N	100	10	N	<10	10	N	.06	40	35	N	20	1
N4059FIN	N	N	15	5	N	200	50	N	10	70	N	.06	35	65	N	20	2
CRS	N	N	5	N	N	N	10	N	N	15	N	.16	30	15	N	10	N
N4061FIN	N	N	15	5	N	200	30	N	10	70	N	.06	40	85	N	20	1
CRS	N	N	7	<5	N	<100	10	N	<10	20	N	.04	35	40	N	20	<1
N4063FIN	N	N	15	7	N	200	50	N	15	100	N	.06	35	60	N	<10	2
CRS	N	N	5	5	N	200	15	N	<10	50	N	.04	30	30	N	10	1
N4065FIN	N	N	15	7	N	150	30	N	15	150	N	.04	70	390	N	10	1
CRS	N	N	10	5	N	150	20	N	<10	30	N	.04	35	250	N	20	1
N4067FIN	N	N	10	5	N	200	30	N	<10	70	N	.06	30	90	N	10	2
CRS	N	N	10	5	N	150	20	N	<10	30	N	.04	30	85	N	10	1
N4069FIN	N	N	20	10	N	150	70	N	15	200	N	.04	40	70	N	10	1
CRS	N	N	15	5	N	300	20	N	10	50	N	.02	20	20	N	20	N
N4071FIN	N	N	15	7	N	200	50	N	10	100	N	.06	25	75	N	10	1
CRS	N	N	5	N	N	150	10	N	<10	20	N	.04	20	10	N	10	1
N4073FIN	N	N	15	5	N	200	30	N	10	70	N	.04	30	70	N	20	1
CRS	N	N	10	5	N	200	15	N	10	30	N	.04	25	35	N	10	<1
N4075FIN	N	N	15	7	N	150	70	N	15	70	N	.04	65	65	N	10	2
CRS	N	N	7	5	N	<100	20	N	10	30	N	.04	30	35	N	20	<1
N4077FIN	N	N	15	7	N	150	50	N	15	70	N	.04	50	45	N	10	1
CRS	N	N	10	5	N	<100	30	N	10	30	N	.04	35	25	N	10	N
N4079FIN	N	N	15	10	N	200	70	N	15	200	N	.08	70	70	N	10	2
CRS	N	N	15	5	N	100	30	N	10	70	N	.06	35	45	N	10	1
N4081FIN	N	N	15	7	N	150	50	N	10	100	N	.06	500	85	N	10	1
CRS	N	N	5	N	N	15	15	N	15	30	N	.02	50	5	N	10	<1
N4083FIN	N	N	20	7	N	150	70	N	15	100	N	.08	150	80	N	20	3
CRS	N	N	7	<5	N	N	30	N	<10	30	N	.04	45	20	N	10	<1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-FeZ	S-MgZ	S-CaZ	S-TiZ	S-Mn	S-B	S-Ba	S-Se	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N4085FIN	40,495	171,245	3.00	5.00	5.00	1.500	700	20	500	1.0	N	N	5	30	10	20
CRS	40,495	171,245	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N4087FIN	40,505	171,165	3.00	5.00	5.00	1.500	300	15	300	1.0	N	N	<5	30	10	20
CRS	40,505	171,165	.50	7.00	10.00	.030	500	10	70	<1.0	N	N	N	20	7	20
N4089FIN	40,460	171,090	.70	2.00	3.00	.070	1,500	15	300	1.0	N	N	N	20	7	20
CRS	40,460	171,090	1.00	1.50	3.00	.100	2,000	10	700	1.5	N	N	<5	20	7	20
N4091FIN	40,495	171,055	1.50	3.00	5.00	.100	300	20	200	1.0	N	N	5	30	50	20
CRS	40,495	171,055	1.50	5.00	5.00	.070	300	20	150	<1.0	N	N	5	30	10	<20
N4093FIN	40,415	170,945	3.00	2.00	3.00	.200	700	30	700	1.5	N	N	7	30	15	30
CRS	40,415	170,945	.70	5.00	7.00	.030	200	10	100	<1.0	N	N	N	20	7	<20
N4095FIN	40,305	170,825	2.00	3.00	5.00	.300	700	15	500	1.5	N	N	5	30	30	30
CRS	40,305	170,825	.20	7.00	7.00	.010	150	<10	<20	<1.0	N	N	N	20	7	20
N4097FIN	41,505	169,690	2.00	3.00	3.00	.150	500	50	500	1.0	N	N	7	30	10	20
CRS	41,505	169,690	1.50	3.00	3.00	.070	300	30	300	1.0	N	N	5	20	15	20
N4099FIN	41,405	169,700	3.00	1.00	1.50	.200	500	50	700	1.5	N	N	10	30	15	30
CRS	41,405	169,700	2.00	1.00	1.50	.150	300	15	300	1.0	N	N	7	20	20	20
N4101FIN	41,380	169,640	3.00	3.00	3.00	.150	700	50	1,000	1.0	N	N	10	50	15	20
CRS	41,380	169,640	1.00	3.00	7.00	.100	500	30	1,500	1.0	N	N	5	20	7	20
N4103FIN	41,340	169,635	5.00	1.50	3.00	.300	700	70	1,000	1.5	N	N	10	50	15	30
CRS	41,340	169,635	3.00	1.50	5.00	.200	700	70	1,500	1.5	N	N	7	30	20	20
N4105FIN	41,250	169,645	3.00	2.00	3.00	.200	700	50	>5,000	1.5	N	N	7	30	7	20
CRS	41,250	169,645	1.00	7.00	7.00	.015	300	<10	>5,000	<1.0	N	N	N	20	7	<20
N4107FIN	41,325	169,750	3.00	3.00	3.00	.150	500	15	500	1.0	N	N	7	30	10	20
CRS	41,325	169,750	.20	10.00	10.00	.015	70	<10	100	N	N	N	N	20	10	<20
N4109FIN	41,290	169,835	2.00	3.00	3.00	.150	300	20	500	1.5	N	N	5	30	15	20
CRS	41,290	169,835	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N4111FIN	41,210	169,885	3.00	3.00	3.00	.200	500	20	500	1.0	N	N	7	50	15	20
CRS	41,210	169,885	1.00	5.00	5.00	.070	200	15	200	<1.0	N	N	N	20	5	20
N4113FIN	41,150	169,880	2.00	2.00	3.00	.150	500	20	1,500	1.5	N	N	5	30	15	20
CRS	41,150	169,880	.50	7.00	7.00	.030	200	15	>5,000	N	N	N	N	<10	5	<20
N4115FIN	41,050	169,970	2.00	3.00	3.00	.200	700	20	500	1.0	N	N	7	30	10	20
CRS	41,050	169,970	1.00	5.00	5.00	.070	300	15	150	<1.0	N	N	5	20	10	20
N4117FIN	40,930	170,015	3.00	3.00	3.00	.150	700	20	300	1.0	N	N	5	30	10	30
CRS	40,930	170,015	1.00	7.00	10.00	.050	300	15	100	<1.0	N	N	N	20	7	20
N4119FIN	40,985	170,030	3.00	3.00	3.00	.150	500	50	300	1.0	N	N	5	30	10	20
CRS	40,985	170,030	2.00	5.00	7.00	.100	300	20	200	<1.0	N	N	5	30	7	20
N4121FIN	40,885	169,945	3.00	3.00	3.00	.200	500	15	300	1.0	N	N	7	30	7	30
CRS	40,885	169,945	1.00	7.00	7.00	.100	200	10	100	<1.0	N	N	N	20	5	20
N4123FIN	38,794	173,236	3.00	1.00	1.50	.200	700	50	500	1.5	N	N	10	30	20	30
CRS	38,794	173,236	1.50	.50	3.00	.150	500	30	200	1.0	N	N	5	20	20	20

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Wb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CH-As	CH-Sb
N4085FIN	N	N	10	5	N	150	50	N	10	150	N	.06	150	75	N	20	3
CRS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	--
N4087FIN	N	N	10	<5	N	<100	30	N	10	50	N	.04	70	35	N	10	1
CRS	N	N	<5	N	N	N	20	N	<10	10	N	<.02	45	5	N	10	N
N4089FIN	N	N	5	N	N	N	20	N	<10	20	N	.08	--	--	N	10	--
CRS	N	N	5	<5	N	N	20	N	10	20	N	.06	95	55	N	N	1
N4091FIN	N	N	15	7	N	N	30	N	15	50	N	.04	50	45	N	N	1
CRS	N	N	15	5	N	N	30	N	10	30	N	.04	40	30	N	20	<1
N4093FIN	N	N	15	10	N	200	50	N	20	150	N	.06	130	80	N	10	3
CRS	N	N	5	5	N	N	20	N	<10	20	N	.35	60	40	N	N	1
N4095FIN	N	N	15	7	N	200	70	N	15	150	N	.24	190	100	N	<10	3
CRS	N	N	<5	<5	N	N	10	N	<10	10	N	.18	45	5	N	10	N
N4097FIN	N	N	15	10	N	150	30	N	10	70	N	.04	45	110	N	10	1
CRS	N	N	15	5	N	100	20	N	<10	30	N	.14	60	100	N	<10	1
N4099FIN	N	N	20	10	N	200	70	N	20	150	N	.04	40	85	N	10	1
CRS	N	N	15	5	N	100	30	N	10	70	N	.02	20	40	N	N	<1
N4101FIN	N	N	20	10	N	150	50	N	15	70	N	.04	85	360	N	10	1
CRS	N	N	10	5	N	100	30	N	10	50	N	.04	65	250	N	10	<1
N4103FIN	N	N	30	15	N	150	70	N	20	100	N	.04	50	180	N	10	1
CRS	N	N	20	10	N	100	50	N	10	70	N	.04	55	160	N	20	1
N4105FIN	N	N	15	7	N	200	50	N	10	150	N	.16	75	570	N	N	1
CRS	N	N	5	<5	N	300	10	N	<10	10	N	.10	100	450	N	10	<1
N4107FIN	N	N	15	5	N	200	50	N	10	150	N	.04	65	80	N	10	1
CRS	N	N	<5	N	N	<100	10	N	N	10	N	<.02	40	10	N	N	N
N4109FIN	N	N	15	5	N	150	50	N	10	200	N	.04	45	75	N	<10	1
CRS	--	--	--	--	--	--	--	--	--	--	N	--	--	--	--	20	--
N4111FIN	N	N	20	7	N	150	70	N	15	100	N	.04	55	110	N	20	1
CRS	N	N	10	<5	N	N	20	N	<10	30	N	.02	40	20	N	10	N
N4113FIN	N	N	15	5	N	100	30	N	10	100	N	.06	55	170	N	<10	1
CRS	N	N	<5	<5	N	100	10	N	N	10	N	.22	--	--	N	N	N
N4115FIN	N	N	15	7	N	150	50	N	10	150	N	.04	55	110	N	<10	2
CRS	N	N	7	<5	N	N	15	N	<10	20	N	.40	--	--	N	<10	<1
N4117FIN	N	N	15	7	N	100	30	N	10	100	N	.04	95	70	N	<10	2
CRS	N	N	5	<5	N	<100	15	N	<10	30	N	.02	--	--	N	N	N
N4119FIN	N	N	20	5	N	100	30	N	<10	70	N	.06	80	80	N	20	1
CRS	N	N	20	5	N	<100	30	N	<10	50	N	.04	60	30	N	10	N
N4121FIN	N	N	15	7	N	100	50	N	10	70	N	.04	70	75	N	N	1
CRS	N	N	7	<5	N	N	15	N	<10	20	N	.04	--	--	N	<10	N
N4123FIN	5	N	15	10	<10	200	15	N	15	200	N	.12	180	120	N	20	4
CRS	N	N	10	5	N	100	30	N	10	150	N	.14	50	45	N	10	1

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	X-Coord.	Y-Coord.	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-B	S-Ba	S-Be	S-Bi	S-Cd	S-Co	S-Cr	S-Cu	S-La
N4125FIN	38,680	173,262	3.00	1.50	2.00	.300	1,500	30	500	2.0	N	20	15	50	50	30
CRS	38,680	173,202	1.50	.70	10.00	.070	2,000	10	300	<1.0	N	<20	5	20	20	20
N4127FIN	38,622	173,272	3.00	1.00	2.00	.300	1,000	30	700	2.0	N	<20	15	50	20	30
CRS	38,622	173,272	1.00	.30	15.00	.070	1,500	10	500	<1.0	N	N	<5	20	10	20
N4129FIN	38,670	170,576	2.00	7.00	7.00	.100	1,000	20	150	<1.0	N	N	7	30	10	20
CRS	38,670	170,576	.70	5.00	7.00	.030	300	15	50	<1.0	N	N	<5	20	10	20
N4131FIN	38,683	170,580	1.50	5.00	7.00	.100	700	15	200	1.0	N	N	5	20	15	20
CRS	38,683	170,580	.20	7.00	10.00	.010	300	<10	<20	N	N	N	N	<10	7	20
N4133FIN	38,704	170,610	3.00	1.00	1.50	.300	700	70	1,000	2.0	N	N	20	70	30	30
CRS	38,704	170,610	3.00	.50	.50	.200	200	50	2,000	1.0	N	N	20	50	30	30
N4135FIN	38,726	170,614	3.00	1.00	1.50	.300	700	50	500	2.0	N	<20	15	50	30	30
CRS	38,726	170,614	3.00	.70	1.50	.300	700	50	300	2.0	N	N	15	30	70	30
N4137FIN	38,754	170,634	5.00	1.50	2.00	.300	700	30	300	1.5	N	N	15	50	15	30
CRS	38,754	170,634	3.00	1.50	2.00	.200	300	30	150	2.0	N	<20	10	50	10	30
N4139FIN	38,802	170,641	2.00	1.50	5.00	.100	500	30	200	1.0	N	N	7	30	7	20
CRS	38,802	170,641	1.50	1.50	7.00	.150	500	20	150	<1.0	N	N	5	20	10	20
N4141FIN	38,886	170,620	2.00	1.00	3.00	.150	300	30	200	1.5	N	N	7	50	10	20
CRS	38,886	170,620	2.00	1.00	7.00	.100	200	20	150	1.0	N	N	7	30	5	20
N4143FIN	38,898	170,660	3.00	3.00	3.00	.150	1,000	30	300	<1.0	N	N	10	30	10	30
CRS	38,898	170,660	1.00	7.00	10.00	.050	500	15	70	<1.0	N	N	5	20	7	<20
N4145FIN	38,897	170,671	1.50	5.00	3.00	.100	700	20	200	1.0	N	N	5	30	7	<20
CRS	38,897	170,671	.20	7.00	7.00	.015	200	10	<20	<1.0	N	N	N	20	7	<20
N4147FIN	38,933	170,718	2.00	3.00	7.00	.150	1,500	20	300	<1.0	N	N	5	30	10	20
CRS	38,933	170,718	2.00	5.00	10.00	.070	1,500	15	150	<1.0	N	N	<5	20	7	N
N4149FIN	38,982	170,741	3.00	1.00	.70	.300	1,000	50	300	1.5	N	N	20	70	10	30
CRS	38,982	170,741	5.00	1.00	.30	.300	1,000	70	300	1.5	N	N	30	70	10	30

Table 2.—Geochemical analyses of fine and coarse soil samples from Eureka, Nevada, area—continued

sample	S-Mo	S-Nb	S-Ni	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zr	AA-Au-P	Inst-Hg	AA-Pb-P	AA-Zn-P	AA-Ag-P	CK-Ag	CK-Sb
N4125FIN	<5	N	15	15	<10	300	70	N	20	150	N	.28	500	550	2.5	80	15
CRS	N	N	10	5	N	300	30	N	10	50	N	.28	--	--	9.0	30	35
N4127FIN	N	N	20	10	<10	300	70	N	20	150	.15	.14	250	260	N	30	6
CRS	N	N	10	5	N	300	20	N	15	50	N	.20	100	85	1.0	30	4
N4129FIN	5	N	15	5	N	N	50	N	10	50	N	2.00	230	150	N	40	20
CRS	N	N	10	<5	N	N	15	N	<10	20	N	1.00	110	50	N	40	65
N4131FIN	<5	N	15	5	N	<100	30	N	10	50	N	4.50	95	70	N	20	35
CRS	N	N	<5	<5	N	N	10	N	<10	<10	N	1.50	35	70	N	20	8
N4133FIN	30	<20	70	15	<10	200	200	N	30	150	N	.45	120	200	N	40	55
CRS	30	<20	50	7	N	200	300	N	15	70	N	1.40	160	210	N	120	80
N4135FIN	15	<20	30	10	N	200	150	N	20	150	N	.40	90	120	N	20	20
CRS	15	<20	50	10	N	150	150	N	20	100	N	.95	80	95	N	30	20
N4137FIN	N	<20	30	15	N	150	70	N	20	100	N	.24	210	170	N	10	15
CRS	N	N	30	10	N	100	50	N	10	50	N	.06	80	90	N	10	3
N4139FIN	N	N	15	7	N	300	30	N	10	70	N	.06	55	40	N	10	3
CRS	N	N	10	5	N	300	20	N	10	50	N	.04	45	35	N	10	1
N4141FIN	N	N	15	7	N	150	50	N	10	70	--	.22	--	--	N	N	6
CRS	N	N	15	7	N	200	30	N	<10	30	N	.04	55	45	N	10	1
N4143FIN	N	N	15	7	N	150	50	N	10	70	N	.70	70	130	N	20	10
CRS	N	N	5	5	N	150	15	N	<10	15	N	.35	100	35	N	30	2
N4145FIN	N	N	10	5	N	100	30	N	10	70	N	.26	55	85	<.5	<10	10
CRS	N	N	<5	N	N	N	<10	N	N	10	N	.16	40	15	N	10	2
N4147FIN	N	N	10	5	N	100	30	N	10	50	<.10	.65	50	100	N	30	10
CRS	N	N	7	5	N	100	20	N	10	20	<.10	.35	45	60	N	40	6
N4149FIN	N	<20	30	15	N	100	70	N	20	100	N	.12	45	90	N	30	8
CRS	N	<20	30	15	N	<100	70	N	15	100	N	.12	40	90	N	60	6