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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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## 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 cobbed 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:

| Element | Lower limit of detection (in ppm except Ti, in percent) |
|---|---|
| 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.

| Element | Lower limit of detection (in ppm) | Range of sample numbers using this limit |
|---|---|---|
| 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 |

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

| sample | X-Coord. | Y-Coord. | S-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | S-Ba | S-Be | S-Co | S-Cr | S-Cu | S-La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0001 | 38,864 | 173,300 | .05 | .05 | 1.00 | .020 | 30 | N | 50 | N | N | N | 5 | N |
| N0007 | 38,855 | 173,298 | .05 | .02 | .10 | .010 | 100 | N | 20 | N | N | N | <5 | N |
| N0016 | 38,942 | 173,235 | 1.50 | .20 | 1.00 | .150 | 200 | N | 300 | 3.0 | N | N | 10 | N |
| N0018 | 38,954 | 173,238 | 1.50 | .20 | .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 | N | 20 | N |
| N0038 | 38,485 | 172,752 | .30 | 10.00 | 20.00 | .005 | 500 | N | N | N | N | N | 15 | N |
| 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 | N | 50 | N |
| N0050 | 38,497 | 172,820 | 5.00 | 1.50 | 5.00 | .500 | 1,000 | <10 | 1,000 | 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 | N |
| N0066 | 38,451 | 172,991 | .30 | >10.00 | 20.00 | .007 | 700 | N | N | N | N | N | 15 | N |
| N0072 | 38,482 | 172,966 | .10 | 2.00 | >20.00 | .015 | 150 | N | 150 | N | N | N | <5 | N |
| N0088 | 38,545 | 172,838 | 5.00 | .15 | .05 | 1.000 | 70 | 20 | 300 | N | 5 | 50 | 100 | N |
| N0090 | 38,606 | 172,740 | 5.00 | .10 | .05 | .300 | 20 | 10 | 200 | <1.0 | N | 50 | 100 | N |
| N0092 | 38,422 | 172,616 | .07 | 5.00 | 20.00 | .010 | 100 | N | N | N | N | N | <5 | N |
| 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 | N |
| N0118 | 38,316 | 172,650 | .50 | 2.00 | >20.00 | .030 | 150 | N | 20 | N | N | N | 5 | N |
| N0120 | 38,272 | 172,642 | 1.00 | .10 | .05 | .050 | 20 | 10 | 300 | N | N | N | 7 | N |
| N0122 | 38,190 | 172,247 | 3.00 | .30 | 20.00 | .300 | 2,000 | 30 | 300 | N | N | 50 | 10 | 50 |
| 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 | N | 5 | N |
| 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 | N | N | N |
| N0132 | 38,524 | 172,208 | .30 | .30 | 20.00 | .020 | 30 | N | 20 | N | N | N | 7 | N |
| N0134 | 38,536 | 172,189 | .07 | .30 | >20.00 | .015 | 30 | N | 20 | N | N | N | <5 | N |
| 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 | N | <5 | N |
| 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 | N | 5 | N |
| N0147 | 38,910 | 172,901 | .20 | .30 | 20.00 | .030 | 200 | N | <20 | N | N | N | 7 | N |
| N0149 | 39,036 | 172,705 | .20 | .50 | 20.00 | .020 | 1,000 | 10 | N | N | N | N | <5 | N |
| N0151 | 39,053 | 172,705 | .50 | .30 | 20.00 | .050 | 300 | N | 20 | N | N | N | <5 | N |
| N0153 | 39,036 | 172,440 | .10 | .02 | <.05 | .020 | 20 | 20 | 50 | N | N | N | <5 | N |
| N0155 | 39,056 | 172,431 | .10 | .02 | <.05 | .020 | 50 | N | 20 | N | N | N | 5 | N |
| N0157 | 38,866 | 172,267 | .20 | .50 | >20.00 | .030 | 100 | 10 | N | N | N | N | <5 | N |
| N0159 | 38,867 | 172,256 | .20 | .20 | 20.00 | .020 | 200 | N | N | N | N | N | N | N |
| N0161 | 38,822 | 172,302 | .50 | .30 | >20.00 | .030 | 150 | N | N | N | N | N | <5 | N |
| N0169 | 38,810 | 172,300 | .50 | .20 | 20.00 | .030 | 100 | 10 | 20 | N | N | N | 15 | N |
| N0179 | 38,753 | 172,276 | .20 | 10.00 | 20.00 | .007 | 300 | N | N | N | N | N | 5 | N |

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 | AA-Ag | CM-As | CM-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 | .05 | <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 | N | 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 | .04 | .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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | 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 | N | 7 | N |
| N0183 | 38,925 | 172,323 | .50 | .70 | >20.00 | .050 | 300 | N | N | N | N | N | <5 | N |
| N0185 | 38,560 | 171,780 | .30 | .50 | >20.00 | .030 | 70 | N | N | N | N | N | <5 | N |
| N0187 | 38,501 | 171,812 | .20 | >10.00 | 20.00 | .010 | 300 | N | N | N | N | N | <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 | N | <5 | N |
| 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 | N |
| N0201 | 38,701 | 171,857 | .70 | .70 | >20.00 | .050 | 100 | N | <20 | N | N | 10 | <5 | N |
| 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 | N | <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 | N |
| N0214 | 38,924 | 171,948 | .70 | .30 | 20.00 | .050 | 200 | N | <20 | N | N | 15 | <5 | N |
| N0216 | 39,042 | 171,941 | .50 | .50 | >20.00 | .070 | 500 | 15 | <20 | N | N | 20 | <5 | N |
| N0219 | 39,326 | 172,854 | .10 | >10.00 | 15.00 | .005 | 1,500 | N | N | N | N | 20 | 10 | N |
| N0227 | 39,326 | 172,897 | .07 | 10.00 | 15.00 | .003 | 1,500 | N | N | N | N | N | 15 | N |
| N0235 | 39,250 | 172,680 | .20 | >10.00 | 20.00 | .005 | 3,000 | N | 100 | N | N | N | 15 | N |
| N0237 | 39,249 | 172,691 | .10 | 10.00 | 20.00 | .005 | 3,000 | N | 100 | N | N | N | 5 | N |
| N0239 | 39,120 | 172,401 | .10 | >10.00 | 15.00 | .003 | 2,000 | N | 50 | N | N | N | 7 | N |
| N0241 | 39,118 | 172,421 | .10 | 10.00 | 15.00 | .005 | 5,000 | N | N | N | N | N | 5 | N |
| N0243 | 39,091 | 171,362 | .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 | N | <5 | N |
| N0250 | 38,888 | 171,322 | .15 | 10.00 | 20.00 | .005 | 300 | N | N | N | N | N | <5 | N |
| N0252 | 38,569 | 171,095 | .10 | 5.00 | >20.00 | .010 | 200 | N | N | N | N | N | <5 | N |
| N0254 | 38,588 | 171,091 | <.05 | 2.00 | >20.00 | .010 | 50 | N | 5,000 | N | N | N | N | N |
| N0256 | 38,640 | 171,095 | .20 | .50 | >20.00 | .030 | 200 | N | 100 | N | N | N | <5 | N |
| N0259 | 38,689 | 171,135 | 5.00 | .50 | >20.00 | .050 | 1,500 | N | >5,000 | N | N | 20 | 5 | N |
| 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 | N | 5 | N |
| N0272 | 38,697 | 169,792 | .70 | 10.00 | 20.00 | .007 | 1,000 | N | N | N | N | N | 7 | N |
| N0275 | 38,700 | 169,800 | .50 | 10.00 | 20.00 | .010 | 1,000 | N | N | N | N | N | 20 | N |
| N0277 | 38,705 | 169,805 | .20 | 10.00 | 20.00 | .010 | 500 | N | N | N | N | N | 10 | N |
| N0279 | 40,510 | 168,870 | .20 | 10.00 | 20.00 | .020 | 200 | N | <20 | N | N | N | 7 | N |
| N0281 | 40,520 | 168,855 | .15 | .20 | .30 | .007 | 500 | N | 100 | 1.0 | N | N | 5 | N |
| N0283 | 40,645 | 168,900 | .15 | >10.00 | 20.00 | .010 | 100 | N | N | N | N | N | 7 | N |
| N0285 | 40,605 | 168,905 | .15 | 10.00 | 20.00 | .010 | 150 | N | N | N | N | N | 5 | N |
| N0287 | 40,580 | 168,890 | .70 | 10.00 | 15.00 | .070 | 200 | N | 20 | N | N | N | 7 | N |
| N0289 | 40,565 | 168,880 | .10 | 10.00 | 20.00 | .010 | 150 | N | N | N | N | N | 7 | N |
| N0292 | 42,115 | 169,430 | .30 | 10.00 | >20.00 | .020 | 50 | N | 2,000 | N | N | N | <5 | N |
| 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 | 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 | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0181 | N | N | N | N | N | N | 20 | N | N | N | 1.40 | 140 | 130 | .8 | 10 | 3 |
| N0183 | N | N | N | N | N | 300 | 30 | 10 | 20 | N | .09 | 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 | .8 | 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 | 6 |
| 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 | .30 | 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 | 110 | 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 | .60 | 35 | 20 | 1.0 | 20 | 4 |
| N0272 | N | N | N | N | N | N | 10 | N | N | N | .50 | 60 | 100 | <.5 | 10 | 20 |
| N0275 | N | N | N | N | 100 | N | N | N | N | N | .20 | 700 | 8,500 | 64.0 | 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 | .33 | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | S-Ba | S-Be | S-Co | S-Cr | S-Cu | S-La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0298 | 42,085 | 169,423 | .10 | .70 | >20.00 | .030 | 50 | N | >5,000 | N | N | N | 5 | N |
| N0300 | 42,075 | 169,420 | .05 | .50 | 15.00 | .070 | 15 | N | 20 | N | N | N | <5 | N |
| N0302 | 42,065 | 169,418 | 1.00 | 10.00 | 20.00 | .050 | 700 | N | >5,000 | N | N | 50 | 5 | N |
| N0304 | 42,055 | 169,415 | .10 | >10.00 | 20.00 | .010 | 150 | N | 1,500 | N | N | N | 10 | N |
| N0306 | 42,045 | 169,413 | .07 | >10.00 | 20.00 | .010 | 200 | N | >5,000 | N | N | N | 7 | N |
| N0308 | 42,035 | 169,410 | .15 | 10.00 | 20.00 | .010 | 500 | N | 30 | N | N | N | 5 | N |
| N0311 | 42,025 | 169,408 | .15 | 10.00 | >20.00 | .020 | 70 | N | N | N | N | N | <5 | N |
| N0313 | 41,915 | 168,740 | .20 | >10.00 | >20.00 | .020 | 500 | N | N | N | N | N | 5 | N |
| N0315 | 41,935 | 168,730 | .10 | 10.00 | 20.00 | .015 | 200 | N | N | N | N | N | 20 | N |
| N0317 | 41,975 | 168,745 | .10 | 5.00 | 7.00 | .007 | 150 | N | N | N | N | N | <5 | N |
| N0319 | 42,020 | 168,760 | .05 | 7.00 | 10.00 | .010 | 100 | N | N | N | N | N | 7 | N |
| N0321 | 42,325 | 168,800 | .10 | 1.00 | >.05 | .015 | 50 | N | 100 | N | N | N | N | N |
| N0323 | 42,150 | 168,925 | .50 | >10.00 | 20.00 | .030 | 200 | N | N | N | N | N | 5 | N |
| 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 | N | 10 | N |
| N0330 | 42,110 | 168,895 | <.05 | >10.00 | 15.00 | .005 | 50 | N | N | N | N | N | 7 | N |
| 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 | N |
| N0338 | 42,070 | 168,867 | .05 | 10.00 | 20.00 | .010 | 300 | N | N | N | N | N | 10 | N |
| N0340 | 42,060 | 168,860 | .10 | 10.00 | 20.00 | .010 | 150 | N | N | N | N | N | 150 | N |
| N0344 | 42,050 | 168,845 | .15 | >10.00 | 15.00 | .010 | 200 | N | 2,000 | N | N | N | 100 | N |
| N0348 | 42,185 | 168,800 | 1.00 | 7.00 | 20.00 | .030 | 200 | 10 | 500 | N | N | 20 | 10 | N |
| N0350 | 42,175 | 168,798 | 1.50 | 7.00 | 15.00 | .020 | 150 | N | 50 | 1.0 | N | 10 | 7 | N |
| N0352 | 42,165 | 168,796 | 2.00 | 10.00 | 20.00 | .050 | 300 | N | >5,000 | N | N | 30 | 10 | N |
| 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 | N |
| N0360 | 42,125 | 168,789 | .30 | >10.00 | >20.00 | .010 | 500 | N | 50 | N | N | N | <5 | N |
| N0362 | 42,115 | 168,788 | .70 | 10.00 | 20.00 | .020 | 500 | N | 100 | N | N | 30 | 7 | N |
| N0364 | 42,105 | 168,786 | 2.00 | >10.00 | >20.00 | .015 | 1,000 | N | 1,000 | N | N | N | 15 | N |
| N0366 | 42,095 | 168,785 | .50 | 10.00 | 20.00 | .010 | 500 | N | N | N | N | N | 15 | N |
| N0369 | 38,374 | 171,157 | .15 | .50 | >20.00 | .030 | 200 | N | 20 | N | N | N | <5 | N |
| 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 | N | 5 | N |
| N0377 | 38,343 | 171,030 | .15 | 1.00 | >20.00 | .020 | 200 | N | 1,000 | N | N | N | <5 | N |
| N0379 | 38,357 | 171,072 | .15 | 1.00 | >20.00 | .030 | 500 | N | N | N | N | N | <5 | N |
| N0381 | 38,057 | 170,868 | .70 | .05 | .10 | .020 | 150 | 10 | 30 | N | N | N | 15 | N |
| N0383 | 37,974 | 170,873 | .50 | 5.00 | >20.00 | .030 | 500 | <10 | N | N | N | 10 | <5 | N |
| N0385 | 38,069 | 170,870 | .20 | 10.00 | 20.00 | .010 | 500 | N | N | N | N | N | 5 | N |
| N0387 | 38,085 | 170,874 | .50 | 10.00 | 20.00 | .015 | 300 | N | N | N | N | N | 10 | N |
| N0389 | 38,128 | 170,900 | .30 | .10 | .05 | .070 | 10 | 30 | 200 | N | N | N | 5 | N |
| N0391 | 38,563 | 170,616 | .15 | >10.00 | 20.00 | .007 | 200 | N | N | N | N | N | 5 | N |
| N0394 | 38,511 | 170,680 | .70 | >10.00 | 15.00 | .005 | 700 | N | N | N | N | N | 7 | 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 | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO298 | N | N | N | N | N | 200 | 10 | N | N | N | .03 | 40 | 10 | .6 | <10 | <1 |
| NO300 | N | N | N | N | N | N | 10 | N | N | N | .11 | 40 | 20 | .8 | <10 | <1 |
| NO302 | N | N | 10 | N | N | 150 | 50 | N | 10 | N | .07 | 50 | 100 | 1.0 | 10 | 6 |
| NO304 | N | N | N | N | N | N | 20 | N | N | N | .06 | 40 | 35 | .6 | N | <1 |
| NO306 | N | N | N | N | N | N | 20 | N | N | N | .22 | 40 | 30 | .6 | <10 | <1 |
| NO308 | N | N | N | N | N | N | 10 | N | N | N | .09 | 35 | 40 | <.5 | <10 | <1 |
| NO311 | N | N | N | N | N | N | 15 | N | N | N | .04 | 40 | 15 | .6 | <10 | <1 |
| NO313 | N | N | N | N | N | N | 20 | N | N | N | .12 | 35 | 10 | .6 | <10 | <1 |
| NO315 | N | N | N | N | N | N | 20 | N | 50 | N | .06 | 30 | 10 | <.5 | N | 1 |
| NO317 | N | N | 5 | N | N | N | N | N | N | N | .02 | 20 | 10 | <.5 | N | 2 |
| NO319 | N | N | 5 | N | N | N | N | N | N | N | .05 | 25 | 10 | <.5 | N | 3 |
| NO321 | N | N | N | N | N | 200 | N | N | N | N | .06 | 40 | 10 | <.5 | <10 | <1 |
| NO323 | N | N | N | N | N | N | 20 | N | 20 | N | .03 | 40 | 40 | <.5 | <10 | <1 |
| NO325 | N | N | N | N | N | N | 20 | N | N | N | .03 | 40 | 20 | <.5 | <10 | <1 |
| NO327 | N | N | 5 | N | N | N | 30 | N | N | N | .06 | 140 | 120 | 1.5 | 20 | <1 |
| NO330 | N | N | N | N | N | N | 10 | N | N | N | <.02 | 55 | 35 | .8 | <10 | <1 |
| NO332 | N | N | N | N | N | N | 10 | N | N | N | .12 | 90 | 110 | .6 | N | <1 |
| NO334 | N | N | N | N | N | N | 10 | N | N | N | .03 | 130 | 110 | .5 | 10 | <1 |
| NO336 | N | N | N | N | N | N | 10 | N | N | N | .28 | 450 | 1,900 | 140.0 | N | 6 |
| NO338 | N | N | N | N | N | N | 10 | N | N | N | .06 | 70 | 60 | .6 | N | <1 |
| NO340 | N | N | N | N | N | N | 10 | N | N | N | .10 | 500 | 850 | 1.0 | <10 | 3 |
| NO344 | N | N | N | N | N | N | 10 | N | N | N | .06 | 500 | 950 | <.5 | <10 | 3 |
| NO348 | N | N | 7 | N | N | 100 | 15 | 10 | 10 | N | .07 | 40 | 20 | <.5 | <10 | <1 |
| NO350 | N | N | 15 | N | N | 100 | 15 | N | N | N | .07 | 45 | 20 | .6 | 10 | 1 |
| NO352 | 5 | N | 20 | N | N | N | 30 | N | 20 | N | .07 | 50 | 30 | 1.0 | 10 | 2 |
| NO354 | 7 | N | 10 | N | N | 100 | 30 | N | 20 | N | .35 | 45 | 20 | 1.0 | 20 | 4 |
| NO356 | N | N | 10 | N | N | N | 30 | N | 20 | N | .20 | 45 | 20 | 1.0 | 10 | 1 |
| NO358 | N | N | N | N | N | N | 20 | N | N | N | .03 | 35 | 10 | .6 | <10 | <1 |
| NO360 | N | N | N | N | N | N | 20 | N | N | N | .06 | 40 | 15 | .6 | <10 | 1 |
| NO362 | N | N | 10 | N | N | N | 30 | N | N | N | .08 | 130 | 85 | .8 | <10 | 2 |
| NO364 | N | N | N | N | N | N | 10 | N | N | N | .06 | 300 | 900 | <.5 | N | 3 |
| NO366 | N | N | N | N | N | N | 10 | N | N | N | .09 | 620 | 650 | <.5 | <10 | 2 |
| NO369 | N | N | N | N | N | 200 | N | N | N | N | .10 | 40 | 10 | .6 | <10 | 3 |
| NO371 | N | N | 20 | 10 | N | 500 | 50 | 20 | 70 | N | .03 | <5 | <5 | <.5 | <10 | 2 |
| NO373 | N | N | 50 | 20 | N | 100 | 100 | 50 | 200 | N | .02 | 30 | 35 | <.5 | <10 | <1 |
| NO375 | N | N | 10 | N | N | N | 10 | N | 70 | N | .02 | 30 | 45 | <.5 | 30 | <1 |
| NO377 | N | N | N | N | N | 200 | N | N | N | N | .06 | 70 | 10 | <.5 | 20 | 20 |
| NO379 | N | N | N | N | N | 150 | N | N | N | N | .20 | 40 | 10 | <.5 | 10 | <1 |
| NO381 | N | N | 10 | N | N | N | 10 | N | 10 | N | .40 | <5 | <5 | <.5 | 20 | 15 |
| NO383 | N | N | N | N | N | N | 10 | N | 10 | .08 | .55 | 35 | 20 | 1.0 | 20 | <1 |
| NO385 | N | N | N | N | N | N | N | N | N | N | .80 | 45 | 75 | .8 | 10 | 1 |
| NO387 | N | N | N | N | N | N | N | N | N | N | .75 | 40 | 35 | 1.0 | 10 | 3 |
| NO389 | N | N | 7 | N | N | N | N | N | 200 | N | .12 | 10 | 15 | <.5 | 10 | 1 |
| NO391 | N | N | N | N | N | N | N | N | N | N | .85 | 40 | 50 | .8 | 10 | 3 |
| NO394 | 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-B | S-Ba | S-Be | S-Co | S-Cr | S-Cu | S-La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0396 | 38,503 | 170,680 | .30 | >10.00 | 15.00 | .005 | 500 | N | N | N | N | N | <5 | N |
| N0398 | 38,492 | 170,680 | .10 | >10.00 | 20.00 | .005 | 500 | N | N | N | N | N | 7 | N |
| N0400 | 38,483 | 170,678 | .20 | >10.00 | 20.00 | .007 | 700 | N | N | N | N | N | <5 | N |
| N0402 | 38,475 | 170,678 | .15 | 10.00 | 20.00 | .005 | 300 | N | N | N | N | N | 7 | N |
| N0405 | 38,465 | 170,680 | .70 | 10.00 | 20.00 | .007 | 1,000 | N | N | N | N | N | 7 | N |
| 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 | N | 5 | N |
| N0412 | 38,720 | 170,170 | 1.50 | 3.00 | 10.00 | .020 | 200 | N | 30 | N | N | N | 10 | N |
| N0414 | 38,727 | 170,168 | .15 | >10.00 | 20.00 | .007 | 200 | N | N | N | N | N | 15 | N |
| N0416 | 38,735 | 170,155 | .20 | 10.00 | 20.00 | .007 | 500 | N | N | N | N | N | 10 | N |
| N0418 | 38,750 | 170,140 | .20 | >10.00 | 15.00 | .005 | 150 | N | N | N | N | N | 5 | N |
| N0420 | 38,759 | 170,131 | .20 | 10.00 | 20.00 | .007 | 300 | N | 20 | N | N | N | 10 | N |
| N0422 | 38,767 | 170,124 | 1.00 | 10.00 | 20.00 | N | 1,000 | N | N | N | N | N | 10 | N |
| N0424 | 38,776 | 170,116 | .20 | 10.00 | 20.00 | N | 1,500 | N | <20 | N | N | N | 50 | N |
| 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 | N | 5 | N |
| N0430 | 38,803 | 170,095 | .10 | >10.00 | 20.00 | .007 | 300 | <10 | N | N | N | N | 7 | N |
| N0432 | 38,825 | 170,090 | <.05 | .30 | 20.00 | N | 50 | N | 30 | N | N | N | <5 | N |
| N0434 | 38,840 | 170,085 | .05 | 1.00 | >20.00 | .005 | 70 | N | 50 | N | N | N | 5 | N |
| N0436 | 38,908 | 171,523 | <.05 | 10.00 | 20.00 | .007 | 300 | N | 70 | N | N | N | 5 | N |
| N0438 | 38,885 | 171,520 | <.05 | 7.00 | 10.00 | N | 70 | N | N | N | N | N | 7 | N |
| N0440 | 38,849 | 171,509 | <.05 | 10.00 | 15.00 | .015 | 500 | N | N | N | N | N | 10 | N |
| N0442 | 38,851 | 171,454 | .05 | 10.00 | 20.00 | .003 | 100 | N | N | N | N | N | 7 | N |
| N0445 | 39,262 | 172,106 | .10 | .20 | 15.00 | .020 | 200 | 10 | 100 | 1.0 | N | 50 | 20 | N |
| N0447 | 39,249 | 172,181 | <.05 | .30 | >20.00 | .010 | 70 | N | 50 | <1.0 | N | 20 | 7 | N |
| N0449 | 39,326 | 173,032 | .07 | 10.00 | 20.00 | N | 1,000 | N | 20 | N | N | N | 10 | N |
| N0451 | 39,349 | 173,032 | <.05 | 10.00 | 20.00 | .002 | 2,000 | N | <20 | N | N | N | 20 | N |
| 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 | N |
| N0457 | 39,194 | 172,755 | .15 | 10.00 | >20.00 | .010 | 1,000 | N | 200 | N | N | 10 | 15 | N |
| N0459 | 39,202 | 172,750 | .10 | 10.00 | >20.00 | .010 | 500 | N | 70 | N | N | <10 | 10 | N |
| N0461 | 39,211 | 172,749 | <.05 | 10.00 | 20.00 | .002 | 2,000 | N | 20 | N | N | N | 10 | N |
| N0463 | 39,211 | 172,756 | .10 | 7.00 | >20.00 | .015 | >5,000 | N | 50 | N | N | N | 7 | N |
| 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 | N | 7 | N |
| N0469 | 39,233 | 172,749 | .20 | 10.00 | 20.00 | .005 | >5,000 | N | 300 | N | N | N | 20 | N |
| N0471 | 39,241 | 172,750 | .15 | 10.00 | 20.00 | .007 | >5,000 | N | 100 | N | N | N | 30 | N |
| N0473 | 39,250 | 172,750 | .05 | >10.00 | >20.00 | N | 5,000 | N | 200 | N | N | N | 50 | N |
| N0475 | 39,258 | 172,752 | .05 | 5.00 | 10.00 | N | >5,000 | 10 | 300 | N | N | N | 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 | N |
| N0481 | 39,283 | 172,765 | <.05 | 10.00 | 20.00 | N | 500 | N | 50 | N | N | N | 10 | N |
| N0483 | 39,293 | 172,768 | .07 | >10.00 | >20.00 | .010 | 1,000 | N | 50 | N | N | <10 | 10 | N |
| N0485 | 39,346 | 172,792 | <.05 | 10.00 | 20.00 | .005 | 2,000 | N | <20 | N | N | N | 7 | N |
| N0487 | 39,356 | 172,790 | .05 | 10.00 | 20.00 | .015 | 5,000 | N | 30 | N | N | 10 | 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 | 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 | 1.00 | 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 | 5.00 | 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 | 4.0 | 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 | 200 | 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 | .09 | 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 | 30 | 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 | .6 | N | 6 |
| N0451 | N | N | N | N | N | N | 20 | N | N | N | .55 | 40 | 15 | 1.5 | <10 | 6 |
| N0453 | N | <20 | <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 | 60 |
| 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | 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 | N | <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 | N | 5 | N |
| N0495 | 39,392 | 172,820 | <.05 | 10.00 | 20.00 | .002 | 1,000 | N | 30 | N | N | N | 10 | N |
| N0497 | 39,402 | 172,819 | <.05 | 10.00 | 20.00 | N | 500 | N | N | N | N | N | 5 | N |
| N0499 | 39,413 | 172,817 | <.05 | 10.00 | 20.00 | N | 2,000 | N | N | N | N | N | 5 | N |
| N0501 | 39,466 | 172,836 | .05 | 10.00 | 20.00 | N | >5,000 | <10 | 100 | N | N | N | 15 | N |
| N0503 | 39,555 | 172,825 | <.05 | .30 | >20.00 | .010 | 200 | <10 | 30 | N | N | 30 | 5 | N |
| N0505 | 39,567 | 172,817 | .10 | .10 | 15.00 | .015 | 200 | 10 | 30 | N | N | 20 | 7 | N |
| N0508 | 39,247 | 170,980 | .10 | 10.00 | 15.00 | .010 | 200 | N | 30 | N | N | 10 | 10 | N |
| 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 | N | 10 | N |
| N0515 | 41,540 | 170,445 | .20 | >10.00 | >20.00 | .050 | 150 | 10 | 200 | N | N | 15 | <5 | N |
| N0517 | 41,550 | 170,430 | .15 | >10.00 | >20.00 | .005 | 200 | <10 | <20 | N | N | <10 | <5 | N |
| 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 | N |
| 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 | N | <5 | N |
| N0533 | 41,165 | 170,540 | .05 | 5.00 | 10.00 | .010 | 20 | <10 | <20 | N | <5 | N | <5 | N |
| N0535 | 41,045 | 170,540 | .20 | >10.00 | >20.00 | .002 | 150 | N | 20 | N | N | <10 | <5 | N |
| N0537 | 41,030 | 170,520 | .15 | >10.00 | >20.00 | .010 | 100 | <10 | N | N | N | <10 | <5 | N |
| N0539 | 40,880 | 170,450 | .20 | >10.00 | >20.00 | .015 | 70 | <10 | N | N | <5 | <10 | 5 | N |
| N0541 | 40,880 | 170,485 | .05 | >10.00 | >20.00 | .002 | 100 | N | N | N | N | <10 | <5 | N |
| N0543 | 40,575 | 170,330 | .10 | >10.00 | >20.00 | .010 | 70 | <10 | N | N | N | <10 | <5 | N |
| 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 | 1,000 | <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 | N |
| N0567 | 38,505 | 167,405 | .15 | >10.00 | >20.00 | .007 | 100 | N | 100 | N | N | <10 | <5 | N |
| 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-Sn | S-Sr | S-V | S-Y | S-Zr | AA-Au | Inst-Hg | AA-Pb | AA-Zn | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0489 | N | N | N | N | N | 100 | 30 | N | N | N | .06 | 40 | 50 | .6 | 30 | 4 |
| N0491 | N | N | N | N | N | 150 | 50 | N | N | N | .08 | 140 | 10 | 1.5 | 10 | 20 |
| N0493 | N | N | N | N | N | N | 15 | N | N | N | .08 | 90 | 10 | 1.5 | 10 | 2 |
| N0495 | N | 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 | N | .04 | 65 | 15 | 1.0 | <10 | 1 |
| N0499 | N | N | N | N | N | N | 10 | N | N | .06 | .10 | 80 | 20 | 3.5 | N | 2 |
| N0501 | N | N | N | N | N | N | 20 | N | N | .20 | .12 | 140 | 20 | .6 | 10 | <1 |
| N0503 | N | N | 10 | N | N | 300 | 20 | 10 | 10 | N | <.02 | 35 | 25 | .6 | <10 | 1 |
| N0505 | N | N | 5 | N | N | 200 | 10 | N | 10 | N | .02 | 30 | 20 | .6 | N | <1 |
| N0508 | N | N | N | N | N | N | 10 | N | N | N | .04 | 40 | 45 | 1.5 | <10 | 8 |
| N0510 | N | N | N | N | N | N | 15 | N | N | N | .30 | 45 | 70 | 4.0 | 20 | 8 |
| N0512 | 7 | N | <5 | N | N | 100 | <10 | N | N | N | 1.00 | 110 | 10 | 11.0 | 200 | 70 |
| N0515 | N | N | 5 | N | N | 100 | 20 | N | 10 | N | .03 | 40 | 15 | .6 | <10 | 1 |
| N0517 | N | N | <5 | N | N | N | <10 | N | N | N | .10 | 40 | 20 | .6 | N | 1 |
| N0519 | N | N | 5 | N | N | N | 15 | N | N | N | .08 | 40 | 15 | .6 | N | <1 |
| N0521 | N | N | <5 | N | N | N | 10 | N | <10 | N | .06 | 40 | 15 | .6 | N | <1 |
| N0523 | N | N | 5 | N | N | <100 | 15 | N | N | N | .02 | 40 | 10 | .6 | N | <1 |
| N0525 | N | N | N | N | N | N | 10 | N | N | N | .03 | 40 | 10 | <.5 | N | <1 |
| N0527 | N | N | <5 | N | N | 700 | 10 | N | N | N | .02 | 45 | 15 | <.5 | <10 | <1 |
| N0529 | N | N | <5 | N | N | 500 | 10 | N | <10 | N | .03 | 45 | 10 | .6 | <10 | <1 |
| N0531 | N | N | <5 | N | N | N | <10 | N | 10 | N | .06 | 15 | 10 | <.5 | N | <1 |
| N0533 | N | N | <5 | N | N | N | N | N | 10 | N | .06 | 15 | 10 | <.5 | N | <1 |
| N0535 | N | N | <5 | N | N | N | 10 | N | N | N | <.02 | 40 | 10 | .6 | <10 | <1 |
| N0537 | 7 | N | <5 | N | N | <100 | 15 | N | <10 | N | <.02 | 45 | 10 | .6 | <10 | <1 |
| N0539 | 30 | N | 15 | N | N | N | 20 | N | <10 | N | .06 | 45 | 15 | <.5 | N | 1 |
| N0541 | N | N | N | N | N | N | N | N | N | N | <.02 | 45 | 10 | .6 | N | <1 |
| N0543 | 10 | N | 5 | N | N | 100 | 20 | N | <10 | N | <.02 | 45 | 5 | <.5 | 10 | <1 |
| N0545 | N | N | <5 | N | N | 700 | 10 | N | 15 | N | .03 | 45 | 30 | .6 | 10 | <1 |
| N0547 | N | N | <5 | N | N | 700 | 10 | N | 30 | N | .04 | 45 | 10 | .6 | <10 | <1 |
| N0549 | N | N | N | N | N | 300 | N | N | N | N | .03 | 50 | 10 | .6 | 10 | <1 |
| N0551 | N | <20 | 50 | 10 | N | 100 | 150 | 20 | 150 | N | .28 | 30 | 110 | <.5 | 20 | <1 |
| N0553 | N | <20 | 70 | 10 | N | 100 | 200 | 20 | 300 | N | .22 | 30 | 120 | <.5 | N | <1 |
| N0555 | 5 | <20 | 70 | 10 | N | 100 | 300 | 20 | 200 | N | .22 | 20 | 160 | <.5 | 10 | <1 |
| N0557 | <5 | N | 10 | 5 | N | 500 | 70 | 20 | 70 | N | .02 | 30 | 55 | .8 | <10 | 1 |
| N0559 | 7 | N | <5 | N | N | 700 | 30 | 15 | N | N | .03 | 50 | 30 | .6 | <10 | <1 |
| N0561 | N | N | <5 | N | N | 500 | 10 | <10 | N | N | .03 | 50 | 20 | .6 | N | <1 |
| N0563 | N | N | <5 | N | N | 700 | 10 | 15 | 10 | N | .02 | 45 | 20 | .6 | N | <1 |
| N0565 | N | N | <5 | N | N | 300 | <10 | 15 | 15 | N | .35 | 30 | 10 | <.5 | N | <1 |
| N0567 | N | N | <5 | N | N | 300 | 20 | 10 | 15 | N | .11 | 45 | 15 | <.5 | 10 | <1 |
| N0569 | N | N | N | N | N | N | N | N | N | N | .03 | 45 | 10 | <.5 | N | <1 |
| N0571 | N | N | N | N | N | <100 | <10 | N | N | N | .06 | 40 | 10 | <.5 | N | <1 |
| N0573 | N | N | N | N | N | <100 | 10 | N | N | N | .10 | 40 | 15 | <.5 | 10 | <1 |
| N0575 | N | 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 | N | .08 | 45 | 20 | <.5 | <10 | <1 |
| N0579 | N | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | S-Ba | S-Be | S-Co | S-Cr | S-Cu | S-La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 50 | <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 | AA-Ag | 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 | 15 | .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 | .60 | 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 | <20 | 15 | 15 | N | 700 | 150 | 20 | 150 | N | <.02 | 20 | 45 | N | N | <1 |
| N0639 | N | <20 | 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 | <20 | 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 | <20 | N | <5 | N | 100 | 20 | 30 | 70 | N | .02 | 10 | 15 | N | N | <1 |
| N0657 | N | <20 | 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 | N | N | N | .40 | 550 | 20 | 2.5 | 160 | 30 |
| N0666 | N | <20 | 5 | N | N | N | 10 | N | 10 | N | .02 | 25 | 10 | 1.0 | <10 | 1 |
| N0668 | N | <20 | <5 | N | N | N | 15 | N | 70 | N | 1.10 | 60 | 15 | 1.0 | 20 | 2 |
| N0670 | N | <20 | 5 | N | N | N | 10 | N | 50 | N | .24 | 30 | 5 | 2.0 | 20 | 1 |
| N0672 | N | <20 | <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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | 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 | 20 | 7 | <20 |
| N0676 | 39,428 | 173,125 | 3.00 | 1.50 | >20.00 | .070 | 1,500 | N | 150 | <1.0 | N | 30 | 15 | 20 |
| 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 | 30 |
| N0682 | 39,830 | 172,460 | 3.00 | .15 | 5.00 | .100 | 300 | 20 | 700 | <1.0 | 5 | 20 | 10 | 20 |
| N0684 | 39,845 | 172,430 | 3.00 | .15 | 3.00 | .150 | 200 | 30 | >5,000 | <1.0 | 5 | 20 | 10 | N |
| N0686 | 39,540 | 172,605 | 1.50 | 1.50 | >20.00 | .100 | 700 | 15 | 300 | N | N | 30 | 7 | N |
| N0688 | 39,535 | 172,615 | 1.00 | 1.50 | >20.00 | .070 | 700 | 10 | 150 | N | N | 20 | 5 | N |
| N0690 | 39,525 | 172,595 | .50 | .70 | >20.00 | .050 | 300 | 10 | 50 | N | N | 50 | 5 | N |
| N0692 | 39,500 | 172,610 | .10 | .50 | 15.00 | .005 | 300 | <10 | 50 | N | 7 | <10 | <5 | N |
| N0694 | 39,835 | 172,790 | 1.00 | .05 | .30 | .070 | 150 | 15 | 1,000 | <1.0 | 5 | 20 | 5 | 20 |
| N0696 | 39,845 | 172,770 | 1.50 | .07 | .10 | .070 | 500 | 20 | 700 | 1.5 | 7 | <10 | 7 | 20 |
| N0698 | 39,825 | 172,880 | .70 | .10 | .15 | .070 | 50 | 20 | 1,500 | <1.0 | 5 | <10 | 5 | 30 |
| N0700 | 39,785 | 172,900 | .15 | .30 | 20.00 | <.002 | 150 | N | 150 | <1.0 | N | <10 | <5 | 20 |
| N0702 | 39,775 | 172,905 | .15 | .15 | 7.00 | .050 | 100 | 15 | 300 | <1.0 | N | <10 | 7 | 20 |
| N0704 | 39,770 | 172,890 | .07 | .20 | 10.00 | .030 | 150 | 10 | 200 | <1.0 | N | <10 | <5 | 20 |
| N0706 | 39,745 | 172,885 | .50 | .30 | 10.00 | .030 | 300 | 15 | 700 | <1.0 | N | <10 | 7 | 20 |
| N0708 | 39,760 | 172,850 | .30 | .70 | 20.00 | .030 | 100 | 10 | 1,000 | N | N | 30 | 5 | 20 |
| N0710 | 39,670 | 172,840 | .20 | .70 | 20.00 | .070 | 1,000 | 10 | 300 | <1.0 | N | <10 | 5 | <20 |
| N0712 | 39,690 | 172,805 | .50 | .50 | 20.00 | .030 | 150 | <10 | 700 | <1.0 | N | <10 | <5 | <20 |
| N0714 | 39,775 | 172,805 | .30 | .70 | 20.00 | .030 | 150 | 10 | 1,000 | <1.0 | N | <10 | 7 | 20 |
| N0716 | 39,775 | 172,775 | .30 | .70 | 20.00 | .030 | 150 | 20 | 300 | <1.0 | N | <10 | 10 | 20 |
| N0718 | 39,790 | 172,780 | .50 | .07 | .20 | .070 | 50 | 20 | 700 | <1.0 | N | 20 | 50 | N |
| N0720 | 39,735 | 172,725 | .10 | .10 | .15 | .150 | 100 | 10 | 1,000 | <1.0 | N | 30 | 20 | N |
| N0722 | 39,750 | 172,730 | .20 | .15 | 7.00 | .020 | 20 | 10 | 300 | <1.0 | N | 30 | <5 | N |
| N0724 | 39,740 | 172,710 | .15 | .15 | 10.00 | .030 | 150 | 10 | 300 | N | N | 20 | 15 | N |
| N0726 | 39,755 | 172,710 | .20 | .07 | .50 | .070 | <10 | 10 | 500 | <1.0 | N | 50 | 20 | N |
| N0728 | 39,845 | 172,650 | .10 | .05 | .50 | .100 | 30 | 15 | 200 | N | 5 | 20 | 30 | N |
| N0730 | 39,850 | 172,620 | .50 | .05 | .15 | .070 | 10 | 50 | 200 | N | <5 | 20 | 10 | N |
| N0732 | 39,390 | 172,730 | 1.00 | 1.00 | 20.00 | .030 | 1,500 | 10 | 300 | <1.0 | <5 | 20 | 15 | N |
| N0734 | 39,420 | 172,725 | 1.50 | 1.50 | 20.00 | .020 | 3,000 | N | 100 | <1.0 | N | 10 | 30 | N |
| N0736 | 39,170 | 172,345 | 3.00 | .20 | 5.00 | .070 | 700 | 10 | 2,000 | <1.0 | 5 | 20 | 70 | <20 |
| N0738 | 39,150 | 172,180 | 2.00 | .05 | .30 | .070 | 300 | 15 | 1,000 | <1.0 | 5 | 20 | 50 | <20 |
| N0740 | 39,405 | 172,110 | 1.50 | .07 | .07 | .100 | 10 | 20 | 1,500 | <1.0 | N | 30 | 70 | <20 |
| N0742 | 39,405 | 172,160 | .20 | .05 | .05 | .150 | <10 | 20 | 1,000 | <1.0 | N | 20 | 30 | N |
| N0744 | 39,415 | 172,075 | 5.00 | .50 | .15 | .300 | 70 | 70 | 1,500 | 1.5 | 5 | 100 | 70 | 20 |
| N0746 | 39,495 | 172,050 | 5.00 | 1.00 | .07 | .500 | 20 | 100 | 700 | <1.0 | N | 300 | 70 | 30 |
| N0748 | 39,635 | 172,035 | 1.50 | .07 | .15 | .070 | 200 | 10 | 500 | <1.0 | N | 20 | 15 | N |
| N0750 | 39,625 | 172,015 | 2.00 | .20 | .50 | .100 | 30 | 15 | 1,000 | <1.0 | <5 | 20 | 20 | N |
| N0752 | 39,655 | 171,990 | .20 | .50 | >20.00 | .007 | 300 | <10 | 70 | N | N | 20 | 10 | N |
| N0754 | 39,645 | 171,980 | 1.00 | 1.00 | >20.00 | .050 | 1,000 | 10 | 300 | N | N | 20 | 10 | <20 |
| N0756 | 39,485 | 171,555 | 1.00 | .70 | 20.00 | .050 | 500 | 20 | 5,000 | <1.0 | N | 15 | 15 | <20 |
| N0758 | 39,490 | 171,590 | .70 | .50 | 20.00 | .020 | 500 | 10 | 700 | <1.0 | N | 20 | 10 | N |
| N0760 | 39,450 | 171,675 | .20 | .30 | 20.00 | .050 | 700 | 10 | 200 | <1.0 | N | 20 | 7 | N |
| N0762 | 39,440 | 171,695 | .70 | .70 | >20.00 | .070 | 700 | 15 | 300 | <1.0 | N | 50 | 10 | <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 | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0674 | N | <20 | <5 | N | N | 300 | 15 | 15 | 30 | N | .04 | 50 | 20 | N | 10 | <1 |
| N0676 | 5 | <20 | 15 | 5 | 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 | 5 | N | 150 | 150 | 10 | 50 | N | .04 | 10 | 35 | <.5 | 10 | <1 |
| N0684 | N | <20 | 15 | 5 | 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 | N |
| N0688 | 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 | N |
| N0694 | N | N | 10 | 5 | N | 1,000 | 50 | 30 | 150 | N | .02 | 5 | 15 | N | <10 | N |
| N0696 | 10 | N | 15 | 5 | N | 700 | 30 | 10 | 150 | N | .04 | 10 | 25 | N | 20 | N |
| N0698 | 5 | <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 | N |
| 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 | N |
| N0716 | N | N | 5 | N | N | 500 | 30 | 10 | 15 | N | .12 | 30 | 5 | N | 10 | N |
| N0718 | N | N | 10 | 5 | 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 | 5 | 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 | 5 | 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 | N | 150 | <10 | 70 | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | S-Ba | 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 | 150 | 15 | 30 |
| N0766 | 39,415 | 171,635 | 3.00 | 1.00 | .30 | .200 | 30 | 150 | 1,500 | 1.0 | N | 150 | 50 | 30 |
| 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 | 20 | 15 | <20 |
| N0772 | 39,755 | 171,595 | 1.50 | .10 | .50 | .100 | 50 | 30 | 1,500 | <1.0 | 15 | 20 | 70 | <20 |
| N0774 | 39,750 | 171,555 | 1.50 | .07 | .10 | .100 | 10 | 20 | 2,000 | <1.0 | N | 20 | 20 | <20 |
| N0776 | 39,855 | 171,550 | .70 | .30 | .15 | .300 | 20 | 100 | 500 | 1.0 | N | 150 | 10 | 30 |
| N0778 | 39,998 | 171,585 | .30 | .70 | 20.00 | .050 | 150 | 15 | 2,000 | <1.0 | N | 20 | 15 | <20 |
| N0780 | 39,995 | 171,555 | .30 | .70 | >20.00 | .070 | 150 | 15 | 200 | <1.0 | N | 20 | 15 | <20 |
| N0782 | 40,170 | 171,490 | .05 | .15 | .50 | .010 | 15 | N | >5,000 | <1.0 | N | <10 | 10 | N |
| N0784 | 40,210 | 171,505 | <.05 | .05 | .07 | .002 | 70 | N | 50 | N | N | <10 | 7 | N |
| N0786 | 40,185 | 171,555 | .50 | .70 | 20.00 | .020 | 300 | 10 | 150 | N | N | <10 | 5 | N |
| N0788 | 40,195 | 171,575 | .20 | .70 | 20.00 | .010 | 500 | <10 | 200 | N | N | <10 | <5 | N |
| N0790 | 40,455 | 172,470 | .05 | <.02 | .50 | .010 | 50 | N | >5,000 | <1.0 | N | <10 | 5 | N |
| N0792 | 40,435 | 172,460 | .07 | .05 | .30 | .020 | 70 | N | 300 | <1.0 | N | <10 | 20 | N |
| N0794 | 40,435 | 172,425 | .10 | 7.00 | 7.00 | .005 | 100 | N | 30 | <1.0 | N | <10 | 30 | N |
| N0796 | 40,425 | 172,395 | .20 | 7.00 | 10.00 | .007 | 150 | <10 | 20 | <1.0 | N | <10 | 7 | N |
| N0798 | 40,500 | 172,335 | .05 | .15 | .15 | .010 | 30 | N | 3,000 | <1.0 | N | <10 | 5 | N |
| N0800 | 40,325 | 172,330 | 3.00 | .20 | .20 | .200 | 30 | 15 | 300 | 1.0 | N | <10 | 5 | 50 |
| N0802 | 40,310 | 172,360 | 1.50 | 7.00 | 10.00 | .020 | 1,000 | N | 300 | <1.0 | N | <10 | 7 | N |
| N0804 | 40,075 | 172,255 | .70 | 1.00 | 20.00 | .070 | 200 | 15 | 100 | <1.0 | N | 300 | 7 | 30 |
| N0806 | 40,095 | 172,225 | .50 | .70 | >20.00 | .015 | 300 | <10 | 100 | N | N | <10 | 5 | <20 |
| N0808 | 40,110 | 172,255 | .10 | .20 | >20.00 | .002 | 300 | N | 20 | N | N | N | 7 | <20 |
| N0810 | 40,110 | 172,085 | .07 | .50 | 15.00 | .003 | 100 | <10 | 30 | N | N | N | 5 | N |
| N0812 | 40,130 | 172,110 | .15 | .30 | 20.00 | .002 | 150 | N | 20 | N | N | N | 5 | N |
| N0814 | 40,075 | 171,990 | .10 | .15 | >20.00 | .002 | 200 | <10 | 20 | N | N | N | 7 | N |
| N0816 | 40,065 | 172,055 | .15 | .20 | 20.00 | .030 | 300 | 10 | 100 | <1.0 | N | 20 | 7 | N |
| N0818 | 40,015 | 172,070 | .05 | .70 | 20.00 | .003 | 70 | <10 | 50 | N | N | 20 | 7 | N |
| N0820 | 40,000 | 171,985 | .05 | .50 | 20.00 | .020 | 100 | <10 | 30 | N | N | 30 | 5 | N |
| N0822 | 39,935 | 170,530 | .50 | .30 | 15.00 | .100 | 200 | 10 | 150 | N | N | 30 | 5 | <20 |
| N0824 | 39,935 | 170,500 | .50 | .10 | 5.00 | .070 | 150 | 15 | 150 | <1.0 | N | 30 | 7 | N |
| N0826 | 39,875 | 170,465 | .15 | .30 | 10.00 | .020 | 100 | 10 | 200 | <1.0 | N | 10 | 5 | N |
| N0828 | 39,875 | 170,615 | 3.00 | .70 | 3.00 | .300 | 70 | 50 | 1,000 | 1.5 | 5 | 50 | 30 | 30 |
| N0830 | 39,855 | 170,635 | 5.00 | .70 | 3.00 | .200 | 150 | 50 | 1,500 | 1.5 | 5 | 50 | 20 | 30 |
| N0832 | 39,870 | 170,660 | .50 | 1.00 | 20.00 | .050 | 1,500 | 10 | 300 | <1.0 | N | <10 | 7 | N |
| N0834 | 39,890 | 170,635 | .10 | .30 | 20.00 | .007 | 300 | <10 | 100 | N | N | <10 | 7 | N |
| N0836 | 39,715 | 170,720 | 7.00 | 1.00 | .70 | .700 | 70 | 50 | 1,000 | 1.0 | 5 | 100 | 50 | 30 |
| N0838 | 39,710 | 170,695 | 5.00 | .70 | .30 | .500 | 50 | 70 | 1,000 | 1.0 | <5 | 70 | 50 | 20 |
| N0840 | 39,680 | 170,740 | .30 | .70 | 7.00 | .015 | 100 | <10 | 150 | N | N | <10 | 5 | N |
| N0842 | 39,685 | 170,720 | .20 | .30 | 10.00 | .030 | 150 | 10 | 150 | N | N | <10 | 5 | N |
| N0844 | 39,415 | 170,905 | 3.00 | 1.00 | .30 | .500 | 150 | 30 | 5,000 | 1.0 | 7 | 100 | 20 | 20 |
| N0846 | 39,395 | 170,885 | 5.00 | 1.50 | .50 | .300 | 300 | 50 | 3,000 | 1.5 | 10 | 70 | 30 | 20 |
| N0848 | 39,360 | 170,835 | 3.00 | .70 | 1.00 | .150 | 300 | 30 | 200 | <1.0 | 10 | 20 | 15 | <20 |
| N0850 | 39,360 | 170,905 | 2.00 | .50 | 1.50 | .150 | 300 | 30 | 1,500 | <1.0 | 5 | 20 | 20 | <20 |
| N0852 | 40,070 | 169,455 | .50 | .30 | 10.00 | .070 | 150 | 10 | 200 | N | N | 30 | 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 | 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 | N | 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 | N | 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 | N | <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 | <.5 | <10 | N |
| N0810 | N | N | N | N | N | 300 | <10 | N | N | N | .02 | 45 | 5 | <.5 | <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 | N | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | 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 | 30 | 7 | N |
| N0856 | 39,985 | 169,430 | .20 | .70 | 20.00 | .030 | 700 | <10 | 150 | N | N | 20 | 7 | N |
| N0858 | 39,985 | 169,495 | 1.50 | .70 | 20.00 | .070 | 150 | 20 | 500 | N | N | 30 | 7 | N |
| N0860 | 39,805 | 169,525 | 3.00 | 1.00 | 1.00 | .500 | 100 | 100 | 1,500 | 1.0 | 5 | 100 | 30 | 30 |
| N0862 | 39,815 | 169,425 | 3.00 | 1.50 | .70 | .500 | 150 | 150 | 1,500 | 1.5 | 5 | 100 | 50 | 20 |
| N0864 | 39,435 | 169,760 | 2.00 | .15 | .05 | .150 | <10 | <10 | 500 | N | N | 20 | 10 | <20 |
| N0866 | 39,480 | 169,760 | .20 | .20 | .20 | .150 | 20 | <10 | 700 | <1.0 | <5 | 20 | 10 | <20 |
| N0868 | 38,700 | 169,510 | <.05 | <.02 | <.05 | .020 | <10 | N | 50 | N | N | <10 | 7 | N |
| N0870 | 38,745 | 169,530 | <.05 | <.02 | <.05 | <.002 | 10 | N | 50 | N | N | <10 | 5 | N |
| N0872 | 38,770 | 169,545 | .70 | 2.00 | 5.00 | .030 | 150 | 10 | 20 | <1.0 | 5 | <10 | 10 | <20 |
| N0874 | 38,775 | 169,520 | .07 | 10.00 | 10.00 | <.002 | 300 | <10 | <20 | N | N | <10 | 5 | <20 |
| N0876 | 38,835 | 169,525 | .15 | .70 | >20.00 | .007 | 200 | <10 | 150 | N | N | <10 | <5 | N |
| N0878 | 38,845 | 169,410 | .10 | 1.00 | 20.00 | .015 | 70 | <10 | 150 | N | N | 20 | <5 | N |
| N0880 | 38,900 | 169,405 | 2.00 | 2.00 | 20.00 | .100 | 200 | 10 | 100 | <1.0 | N | 30 | 10 | N |
| N0882 | 38,980 | 169,340 | 1.00 | 1.00 | 15.00 | .030 | 300 | <10 | >5,000 | N | N | <10 | 10 | 20 |
| N0884 | 39,060 | 169,475 | .70 | 1.50 | 20.00 | .030 | 200 | <10 | 150 | N | N | <10 | 5 | N |
| N0886 | 39,090 | 169,430 | .10 | 10.00 | 20.00 | .030 | 1,500 | 15 | 30 | N | N | <10 | 5 | N |
| N0888 | 39,080 | 169,480 | .07 | 10.00 | 15.00 | .015 | 1,000 | 10 | <20 | N | N | <10 | 5 | 20 |
| N0890 | 40,455 | 168,805 | .15 | >10.00 | 15.00 | <.002 | 300 | <10 | 30 | N | N | <10 | 7 | <20 |
| N0892 | 40,825 | 168,895 | .05 | >10.00 | 20.00 | .002 | 300 | <10 | 100 | N | N | <10 | 5 | <20 |
| N0894 | 40,805 | 168,895 | .15 | >10.00 | 20.00 | <.002 | 300 | <10 | 50 | N | N | <10 | <5 | <20 |
| N0896 | 40,790 | 168,940 | <.05 | .15 | .30 | .002 | 15 | N | 20 | <1.0 | N | <10 | 10 | <20 |
| N0898 | 40,815 | 168,940 | .05 | .05 | .30 | .010 | 50 | N | 30 | 1.0 | N | <10 | 20 | N |
| N0900 | 40,910 | 168,995 | .07 | 7.00 | 7.00 | .005 | 30 | <10 | <20 | <1.0 | N | <10 | 5 | N |
| N0902 | 40,935 | 168,960 | .07 | 7.00 | 15.00 | .003 | 100 | <10 | 20 | N | N | <10 | 15 | N |
| N0904 | 41,055 | 169,090 | <.05 | 7.00 | 10.00 | <.002 | 50 | N | <20 | N | N | <10 | 7 | N |
| N0906 | 41,040 | 169,100 | .05 | 5.00 | 5.00 | .007 | 30 | N | 20 | N | N | <10 | 5 | N |
| N0908 | 41,085 | 169,110 | .07 | 10.00 | 10.00 | <.002 | 150 | N | <20 | <1.0 | N | <10 | 5 | N |
| N0910 | 41,100 | 169,130 | .07 | 10.00 | 10.00 | <.002 | 50 | <10 | <20 | N | N | <10 | 5 | N |
| N0912 | 41,175 | 169,200 | .05 | 10.00 | 10.00 | <.002 | 500 | N | <20 | <1.0 | N | <10 | 5 | N |
| N0914 | 41,230 | 169,205 | .07 | 10.00 | 15.00 | <.002 | 300 | N | 700 | <1.0 | N | <10 | 10 | N |
| N0916 | 41,265 | 169,270 | .05 | 5.00 | 7.00 | .010 | 30 | <10 | <20 | <1.0 | N | <10 | 30 | N |
| N0918 | 41,295 | 169,285 | .10 | 7.00 | 7.00 | .030 | 50 | <10 | <20 | <1.0 | N | <10 | 7 | N |
| N0920 | 41,375 | 169,260 | <.05 | 10.00 | 10.00 | <.002 | 300 | N | 500 | <1.0 | N | <10 | 5 | N |
| N0922 | 41,410 | 169,270 | .05 | >10.00 | 15.00 | <.002 | 300 | <10 | 500 | <1.0 | N | <10 | 7 | N |
| N0924 | 41,470 | 169,290 | .07 | 10.00 | 15.00 | <.002 | 150 | N | <20 | <1.0 | N | <10 | 20 | N |
| N0926 | 41,530 | 169,305 | .07 | >10.00 | 20.00 | <.002 | 70 | <10 | <20 | N | N | <10 | 15 | N |
| N0928 | 41,565 | 169,295 | .10 | 7.00 | 10.00 | .005 | 50 | 10 | <20 | <1.0 | N | <10 | 15 | N |
| N0930 | 41,640 | 169,305 | .05 | 5.00 | 5.00 | .010 | 15 | N | <20 | <1.0 | N | N | 10 | N |
| N0932 | 41,685 | 169,330 | .15 | 10.00 | 10.00 | .015 | 30 | 10 | <20 | N | N | N | 10 | N |
| N0934 | 41,710 | 169,400 | .20 | 10.00 | 10.00 | <.002 | 300 | <10 | 20 | N | N | N | 5 | N |
| N0936 | 41,740 | 169,395 | .15 | 1.50 | 20.00 | .020 | 15 | 10 | 70 | N | N | N | <5 | N |
| N0938 | 41,780 | 169,400 | .15 | 1.50 | >20.00 | .020 | 70 | <10 | 70 | N | N | N | <5 | N |
| N0940 | 41,645 | 168,355 | <.05 | .50 | 20.00 | <.002 | 10 | N | 700 | N | N | N | 5 | N |
| N0942 | 41,675 | 168,365 | <.05 | .50 | >20.00 | N | 20 | N | 20 | N | 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 | Inst-Hg | AA-Pb | AA-Zn | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0854 | N | N | 15 | N | N | 300 | 30 | 10 | 70 | N | <.02 | 20 | 20 | N | <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 | N | 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 | 8 |
| 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 | N | 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 | N | 20 | 1 |
| N0896 | N | N | <5 | N | N | N | <10 | N | 10 | N | .02 | 5 | <5 | N | N | 1 |
| N0898 | N | <20 | 5 | N | N | N | 10 | N | 20 | N | .04 | <5 | <5 | N | N | N |
| N0900 | N | N | N | N | N | N | 10 | <10 | 30 | N | <.02 | 50 | <5 | N | 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 | N | <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 | N | 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 | N | 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 | N |
| N0928 | N | <20 | 5 | N | N | N | 10 | <10 | 20 | N | <.02 | 30 | 5 | N | <10 | N |
| N0930 | N | N | <5 | N | N | N | 10 | N | 30 | N | <.02 | 30 | <5 | N | 10 | N |
| N0932 | N | N | N | N | N | 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 | .04 | 50 | 5 | N | <10 | <1 |
| N0938 | N | N | <5 | N | N | 1,000 | 10 | N | 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-B | 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 | N | 10 | N |
| N0946 | 41,840 | 168,515 | .05 | >10.00 | 20.00 | <.002 | 70 | <10 | <20 | N | N | N | 7 | N |
| N0948 | 41,880 | 168,510 | .05 | >10.00 | 20.00 | <.002 | 30 | <10 | <20 | N | N | N | 7 | N |
| 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 | N | 5 | N |
| N0954 | 42,035 | 168,545 | <.05 | 3.00 | 5.00 | .002 | 20 | N | <20 | N | N | N | 50 | N |
| N0956 | 42,160 | 168,690 | <.05 | 1.50 | 1.50 | .010 | 10 | N | <20 | N | N | N | 7 | N |
| N0958 | 42,190 | 168,705 | .05 | 10.00 | 10.00 | <.002 | 50 | <10 | N | <1.0 | N | N | 5 | N |
| N0960 | 42,130 | 169,665 | .20 | 3.00 | >20.00 | .030 | 30 | <10 | 100 | N | N | N | 5 | N |
| 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 | N | <5 | N |
| 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 | N |
| 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 | .150 | 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 | N | 5 | N |
| N0996 | 41,535 | 170,675 | .07 | >10.00 | 20.00 | <.002 | 300 | N | 1,000 | N | N | N | 20 | N |
| N0998 | 41,575 | 170,780 | .70 | >10.00 | 20.00 | .050 | 300 | 30 | 150 | <1.0 | N | N | 7 | N |
| N3151 | 38,735 | 169,350 | .10 | 10.00 | 20.00 | <.002 | 300 | N | <20 | <1.0 | N | N | 5 | N |
| N3153 | 38,800 | 169,330 | .10 | 10.00 | 20.00 | <.002 | 300 | N | 20 | <1.0 | N | N | <5 | N |
| N3155 | 38,750 | 169,295 | .20 | >10.00 | 20.00 | <.002 | 500 | N | 20 | <1.0 | N | N | 7 | N |
| N3157 | 38,800 | 169,410 | .20 | >10.00 | 20.00 | <.002 | 500 | N | <20 | <1.0 | N | N | 5 | N |
| N3159 | 38,690 | 169,250 | .05 | .50 | >20.00 | .002 | 70 | N | 100 | <1.0 | N | N | <5 | N |
| 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 | N | <5 | N |
| N3165 | 38,600 | 169,420 | .05 | .50 | >20.00 | .015 | 300 | N | 30 | <1.0 | N | N | <5 | N |
| N3167 | 38,550 | 169,290 | <.05 | .20 | >20.00 | <.002 | 500 | N | <20 | <1.0 | N | N | <5 | N |
| N3169 | 38,725 | 168,925 | .20 | 10.00 | >20.00 | <.002 | 500 | <10 | <20 | <1.0 | N | N | <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 | N | <5 | N |
| N3175 | 38,490 | 171,640 | .15 | >10.00 | 20.00 | .015 | 200 | <10 | <20 | <1.0 | N | N | <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 | N | 5 | N |
| 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 | Inst-Hg | AA-Pb | AA-Zn | AA-Ag | CM-As | CM-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 | 30 | 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 | 1.0 | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | 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 | 100 | N | N | <10 | 5 | N |
| N3187 | 39,155 | 172,525 | .15 | >10.00 | 20.00 | .015 | 1,500 | 15 | 100 | N | N | 15 | <5 | N |
| N3189 | 39,175 | 172,625 | <.05 | 10.00 | 20.00 | <.002 | >5,000 | N | 50 | <1.0 | N | N | <5 | N |
| N3195 | 39,415 | 172,960 | .10 | 10.00 | 20.00 | <.002 | 2,000 | N | 30 | <1.0 | N | N | 7 | N |
| N3197 | 39,645 | 172,690 | 1.50 | 7.00 | 20.00 | .050 | 300 | 20 | 500 | <1.0 | N | 30 | 5 | N |
| N3211 | 39,190 | 173,070 | 1.00 | .20 | .70 | .050 | 300 | 20 | 700 | 2.0 | N | <10 | <5 | <20 |
| N3213 | 39,145 | 173,160 | 1.00 | .30 | 1.00 | .100 | 300 | <10 | 700 | 2.0 | N | <10 | 5 | 30 |
| N3215 | 38,950 | 173,370 | .50 | .30 | .20 | .007 | 700 | 15 | 70 | 5.0 | N | <10 | 10 | N |
| N3217 | 39,245 | 173,300 | .30 | .07 | .10 | .010 | 500 | 10 | 100 | 5.0 | N | <10 | <5 | N |
| N3219 | 39,215 | 173,435 | .70 | .30 | .30 | .030 | 300 | 10 | 150 | 3.0 | N | <10 | <5 | N |
| N3221 | 39,240 | 173,540 | .50 | .30 | .70 | .030 | 300 | 15 | 150 | 2.0 | N | <10 | <5 | N |
| N3223 | 39,270 | 173,675 | 1.00 | .30 | .70 | .050 | 300 | 10 | 300 | 1.5 | <5 | <10 | 5 | 30 |
| N3240 | 39,375 | 173,550 | 3.00 | 1.50 | 5.00 | .500 | 700 | <10 | 5,000 | <1.0 | 20 | 150 | 15 | 30 |
| N3242 | 39,355 | 173,680 | 5.00 | 2.00 | 5.00 | .700 | 700 | <10 | 1,000 | <1.0 | 20 | 150 | 30 | 30 |
| N3244 | 39,545 | 173,600 | 3.00 | 1.00 | 3.00 | .500 | 700 | <10 | 2,000 | 1.0 | 15 | 30 | 5 | 30 |
| N3246 | 39,635 | 173,440 | 3.00 | 1.00 | 3.00 | .500 | 700 | <10 | 1,500 | 1.0 | 15 | 70 | 5 | 30 |
| N3248 | 39,660 | 173,315 | 3.00 | 1.50 | 3.00 | .500 | 700 | <10 | 1,500 | 1.0 | 20 | 150 | 7 | 30 |
| N3250 | 39,600 | 173,330 | 5.00 | 2.00 | 5.00 | .500 | 700 | <10 | 1,500 | <1.0 | 20 | 200 | 7 | 30 |
| N3252 | 39,560 | 173,420 | 3.00 | 1.00 | 3.00 | .500 | 300 | <10 | 1,500 | 1.0 | 15 | 30 | 5 | 30 |
| N3254 | 39,620 | 173,540 | 3.00 | 1.50 | 3.00 | .500 | 700 | <10 | 1,500 | 1.0 | 20 | 50 | 5 | 30 |
| N3256 | 39,435 | 173,420 | 1.00 | .15 | 1.50 | .050 | 300 | 10 | 200 | 1.5 | 5 | <10 | 5 | 20 |
| N3258 | 39,440 | 173,330 | 1.00 | .30 | 1.00 | .070 | 300 | 15 | 200 | 1.5 | N | <10 | <5 | <20 |
| N3268 | 39,120 | 173,410 | 1.50 | 1.00 | 15.00 | .100 | 300 | 15 | 700 | <1.0 | 7 | 15 | 7 | 20 |
| N3270 | 39,015 | 173,030 | 1.00 | .05 | .50 | .030 | 200 | <10 | 200 | 2.0 | N | <10 | <5 | 20 |
| N3272 | 38,985 | 173,120 | 1.00 | .05 | .50 | .030 | 200 | <10 | 200 | 1.5 | N | <10 | <5 | 20 |
| N3274 | 39,680 | 173,210 | 3.00 | 1.00 | 2.00 | .300 | 500 | <10 | 1,500 | 1.0 | 20 | 50 | 5 | 50 |
| N3276 | 39,700 | 173,250 | 3.00 | 1.50 | 2.00 | .500 | 700 | <10 | 1,000 | 1.0 | 30 | 70 | 5 | 50 |
| N3278 | 39,810 | 173,210 | 3.00 | 1.50 | 1.50 | .300 | 700 | 10 | 700 | <1.0 | 30 | 70 | 7 | 30 |
| N3280 | 39,850 | 173,110 | 3.00 | 1.50 | 2.00 | .500 | 700 | <10 | 1,500 | 1.0 | 30 | 30 | 5 | 70 |
| N3282 | 39,865 | 173,030 | 3.00 | 1.50 | 2.00 | .500 | 300 | <10 | 1,500 | 1.0 | 30 | 50 | 5 | 70 |
| N3284 | 39,880 | 172,950 | .50 | .05 | .10 | .030 | 70 | 15 | 1,000 | <1.0 | 5 | 10 | 7 | N |
| N3286 | 39,960 | 172,670 | 5.00 | 2.00 | 5.00 | .300 | 700 | 10 | 1,500 | <1.0 | 30 | 100 | 7 | 70 |
| N3288 | 40,370 | 172,620 | 3.00 | 2.00 | 3.00 | .300 | 700 | 10 | 1,500 | <1.0 | 30 | 150 | 7 | 70 |
| N3294 | 39,560 | 173,710 | 3.00 | 1.50 | 3.00 | .300 | 700 | <10 | 1,500 | <1.0 | 20 | 50 | 5 | 70 |
| N3297 | 38,485 | 172,715 | .10 | 10.00 | 20.00 | <.002 | 500 | N | <20 | <1.0 | N | N | <5 | N |
| N3299 | 38,480 | 172,660 | .20 | 10.00 | 15.00 | N | 700 | N | <20 | <1.0 | N | N | 5 | N |
| N3301 | 38,470 | 172,590 | .05 | 5.00 | >20.00 | <.002 | 300 | <10 | <20 | <1.0 | N | N | <5 | N |
| N3304 | 38,500 | 171,950 | <.05 | 10.00 | 15.00 | <.002 | 150 | <10 | 20 | <1.0 | N | N | 5 | N |
| N3306 | 38,515 | 171,940 | 3.00 | 1.00 | 10.00 | .100 | 1,500 | <10 | 300 | <1.0 | 10 | 30 | 7 | 20 |
| N3308 | 38,530 | 171,930 | .10 | .70 | >20.00 | .002 | 200 | <10 | 20 | <1.0 | N | N | <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 | .30 | .030 | 1,500 | 30 | 200 | 5.0 | 5 | <10 | <5 | <20 |
| N4000 | 41,580 | 170,865 | .15 | 1.00 | >20.00 | .010 | 100 | <10 | 1,500 | <1.0 | N | N | <5 | N |
| N4002 | 41,710 | 170,930 | .10 | >10.00 | 10.00 | .002 | 200 | <10 | 300 | N | N | N | 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 | AA-Ag | CM-As | CM-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 | .80 | 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 | 5 | 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 | 5 | 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 | 20 | 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 | 5 | 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 | 300 | 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 | 10 | 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 | 5 | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | 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 | N | 5 | N |
| N4022 | 38,045 | 170,650 | .50 | .70 | 20.00 | .070 | 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 | N | 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 | N | 20 | N |
| N4034 | 38,352 | 170,612 | .10 | <.02 | .05 | .007 | 30 | N | <20 | N | N | 30 | 15 | N |
| N4036 | 38,356 | 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 | N | <5 | N |
| N4046 | 42,595 | 169,045 | .15 | .70 | >20.00 | .015 | 20 | <10 | 100 | N | N | N | 5 | N |
| N4048 | 42,500 | 169,210 | <.05 | .03 | 1.50 | .015 | 10 | N | 20 | N | N | N | 20 | N |
| N4050 | 42,730 | 169,150 | .30 | 1.50 | >20.00 | .020 | 500 | <10 | 30 | N | N | N | <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 | N | 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 | N | 5 | <20 |
| N4086 | 40,505 | 171,165 | .15 | 10.00 | 10.00 | .010 | 50 | 10 | <20 | N | N | N | 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 | N | 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 | Inst-Hg | AA-Pb | AA-Zn | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N4004 | N | <20 | N | N | N | N | <10 | N | N | N | .08 | 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 | .04 | 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 | .04 | 55 | <5 | N | 10 | 1 |
| N4016 | N | N | 5 | <5 | N | N | <10 | 20 | 70 | N | .04 | 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 | .06 | 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 | 3 |
| N4028 | N | N | 5 | N | N | N | <10 | N | 30 | N | .04 | 5 | <5 | N | N | N |
| 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 | <.02 | 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 | <.02 | 50 | <5 | N | <10 | <1 |
| N4048 | N | N | 5 | N | N | N | <10 | N | 10 | N | .02 | <5 | <5 | N | <10 | N |
| 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 | .02 | 50 | 15 | N | 10 | 2 |
| N4054 | N | N | 15 | <5 | N | N | 50 | <10 | 70 | N | .04 | 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 | N | <1 |
| N4060 | N | N | <5 | N | N | N | <10 | N | N | N | .02 | 50 | 10 | N | <10 | N |
| N4062 | N | N | <5 | N | N | 150 | 10 | N | 10 | N | .04 | 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 | .02 | 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 | .02 | 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 | N | 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-Fe% | S-Mg% | S-Ca% | S-Ti% | S-Mn | S-B | S-Ba | S-Be | S-Co | S-Cr | S-Cu | S-La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N4094 | 40,305 | 170,825 | .05 | 10.00 | 15.00 | <.002 | 70 | N | N | <1.0 | N | N | 20 | <20 |
| N4096 | 41,505 | 169,690 | .15 | >10.00 | 20.00 | <.002 | 200 | N | N | <1.0 | N | N | 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 | N |
| 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 | N | 7 | <20 |
| N4116 | 40,930 | 170,015 | .20 | 10.00 | 15.00 | .020 | 300 | 10 | 20 | N | N | N | 7 | N |
| 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 | N |
| 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 | N |
| N4126 | 38,622 | 173,272 | .20 | .20 | 20.00 | .020 | 1,500 | <10 | 300 | <1.0 | N | <10 | 7 | N |
| 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 | N |
| 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 | N |
| N4136 | 38,754 | 170,634 | 2.00 | 2.00 | >20.00 | .100 | 700 | <10 | 2,000 | N | N | <10 | 7 | N |
| N4138 | 38,802 | 170,641 | 1.00 | 1.50 | >20.00 | .050 | 200 | <10 | 30 | <1.0 | N | <10 | <5 | N |
| N4140 | 38,886 | 170,620 | 1.00 | 1.50 | >20.00 | .050 | 200 | <10 | 150 | N | N | <10 | 7 | N |
| N4142 | 38,898 | 170,660 | .50 | .70 | 20.00 | .015 | 200 | 10 | <20 | <1.0 | N | N | 7 | N |
| N4144 | 38,897 | 170,671 | .10 | 7.00 | 10.00 | .005 | 500 | 10 | <20 | N | N | N | <5 | N |
| 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-V | S-Y | S-Zr | AA-Au | Inst-Hg | AA-Pb | AA-Zn | AA-Ag | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N4094 | N | <20 | N | N | N | N | <10 | N | N | N | <.02 | 50 | <5 | N | <10 | N |
| N4096 | N | <20 | N | N | N | N | 10 | N | N | N | .02 | 60 | 15 | N | <10 | <1 |
| N4098 | N | <20 | N | N | N | N | 10 | <10 | 20 | N | .02 | 20 | <5 | N | N | <1 |
| N4100 | N | <20 | 5 | <5 | N | 150 | 20 | <10 | 20 | N | .02 | 50 | 40 | N | 10 | <1 |
| N4102 | N | N | <5 | N | N | 150 | 10 | N | 10 | N | <.02 | 60 | 5 | N | 30 | <1 |
| N4104 | N | N | N | N | N | 200 | <10 | <10 | N | N | <.02 | 60 | 60 | N | N | <1 |
| N4106 | N | N | N | N | N | N | <10 | <10 | N | N | <.02 | 60 | 10 | N | <10 | <1 |
| N4108 | N | N | <5 | N | N | N | 10 | <10 | N | N | .02 | 50 | <5 | N | 10 | <1 |
| N4110 | N | N | <5 | N | N | N | 15 | N | N | N | <.02 | 50 | <5 | N | 10 | N |
| N4112 | N | <20 | <5 | N | N | N | 15 | N | N | N | <.02 | 50 | 10 | N | N | N |
| N4114 | N | <20 | <5 | N | N | N | 10 | N | N | N | <.02 | 50 | 10 | N | <10 | <1 |
| N4116 | N | <20 | <5 | N | N | N | 15 | N | <10 | N | .02 | 50 | <5 | N | 30 | 1 |
| N4118 | N | N | 15 | 5 | N | 150 | 20 | 10 | 30 | N | .04 | 50 | 10 | N | <10 | <1 |
| N4120 | N | <20 | <5 | N | N | N | <10 | N | N | N | <.02 | 50 | 5 | N | 10 | N |
| N4122 | N | <20 | 5 | <5 | N | 200 | 15 | 10 | 100 | N | .40 | 35 | 5 | N | <10 | N |
| N4124 | N | N | N | N | N | 300 | 10 | <10 | N | N | .16 | 200 | 90 | 1.0 | 10 | <1 |
| N4126 | N | <20 | <5 | N | N | 300 | 20 | <10 | <10 | N | .35 | 70 | 30 | 1.0 | 20 | 2 |
| N4128 | N | <20 | 5 | N | N | N | 15 | <10 | <10 | N | .60 | 140 | 180 | N | 20 | 2 |
| N4130 | N | <20 | N | N | N | N | 15 | N | N | N | .75 | 55 | 15 | N | 20 | 2 |
| N4132 | N | <20 | 10 | N | N | 1,000 | 70 | <10 | 10 | N | .06 | 45 | 10 | N | 10 | <1 |
| N4134 | N | <20 | <5 | N | N | 1,000 | 10 | N | 10 | N | .10 | 50 | <5 | N | <10 | <1 |
| N4136 | N | N | 7 | <5 | N | 1,000 | 10 | 10 | 30 | N | .02 | 45 | 5 | N | <10 | <1 |
| N4138 | 20 | N | 5 | N | N | 1,500 | 15 | <10 | 10 | N | <.02 | 45 | 5 | N | 10 | N |
| N4140 | N | N | 7 | N | N | 1,000 | 10 | <10 | 10 | N | <.02 | 40 | 5 | N | N | N |
| N4142 | N | N | N | N | N | 700 | <10 | N | N | N | .02 | 50 | 5 | N | 20 | <1 |
| N4144 | N | N | N | N | N | N | 10 | N | N | N | .45 | 50 | 25 | N | 10 | <1 |
| N4146 | N | N | N | N | N | 300 | <10 | N | N | N | .50 | 50 | 35 | N | 10 | <1 |
| N4148 | N | N | 30 | 10 | N | N | 70 | 15 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 38,954 | 173,238 | 5.00 | 1.50 | 1.50 | .500 | 1,000 | 30 | 1,500 | 3.0 | N | N | 15 | 70 | 50 | 70 |
| CRS | 38,954 | 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 | N | 150 | 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 | N | 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 | CM-As | CM-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 | N | 15 | N | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO109FIN | 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 |
| NO111FIN | 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 |
| NO119FIN | 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 |
| NO121FIN | 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 |
| NO123FIN | 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 |
| NO125FIN | 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 |
| NO127FIN | 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 |
| NO129FIN | 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 |
| NO131FIN | 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 |
| NO133FIN | 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 |
| NO135FIN | 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 |
| NO137FIN | 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 |
| NO139FIN | 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 |
| NO141FIN | 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 |
| NO143FIN | 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 |
| NO145FIN | 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 |
| NO148FIN | 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 |
| NO150FIN | 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 |
| NO152FIN | 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 |
| NO154FIN | 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-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO109FIN | 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 |
| NO111FIN | N | 10 | 50 | 10 | N | 500 | 200 | N | 15 | 150 | <.04 | .55 | 80 | 520 | 1.0 | <10 | 10 |
| CRS | N | N | 10 | N | N | 1,000 | 70 | N | N | 20 | <.04 | .09 | 60 | 210 | .2 | 10 | 8 |
| NO119FIN | N | N | 50 | 7 | N | 700 | 150 | N | 15 | 100 | <.04 | .10 | 50 | 350 | 1.5 | <10 | 6 |
| CRS | N | N | 30 | 5 | N | 700 | 150 | N | 10 | 50 | <.04 | .03 | 50 | 220 | .4 | 10 | 10 |
| NO121FIN | 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 |
| NO123FIN | 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 |
| NO125FIN | 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 |
| NO127FIN | 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 |
| NO129FIN | 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 | <10 | 15 |
| NO131FIN | 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 |
| NO133FIN | 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 |
| NO135FIN | 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 |
| NO137FIN | 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 |
| NO139FIN | 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 |
| NO141FIN | 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 |
| NO143FIN | 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 |
| NO145FIN | 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 |
| NO148FIN | 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 |
| NO150FIN | 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 |
| NO152FIN | 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 |
| NO154FIN | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0156FIN | 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, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO156FIN | 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 |
| NO158FIN | 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 |
| NO160FIN | N | N | 30 | 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 |
| NO162FIN | 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 |
| NO170FIN | 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 |
| NO180FIN | 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 |
| NO182FIN | 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 |
| NO184FIN | 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 |
| NO186FIN | 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 |
| NO188FIN | 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 |
| NO190FIN | 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 |
| NO192FIN | 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 |
| NO194FIN | 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 |
| NO196FIN | 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 |
| NO198FIN | 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 |
| NO200FIN | 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 |
| NO202FIN | 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 |
| NO204FIN | 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 |
| NO206FIN | 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 |
| NO209FIN | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 70 | 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 | N | 70 | 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 | 36,888 | 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 | 30 | 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 | Inst-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-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 |
| N0238FIN | 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 | N | 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 | 150 | <.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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO268FIN | 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 |
| NO269FIN | 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 |
| NO270FIN | 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 |
| NO271FIN | 38,695 | 169,790 | 3.00 | 1.50 | 5.00 | .300 | 700 | 150 | 500 | 2.0 | N | N | 20 | 150 | 50 | 50 |
| CRS | 38,695 | 169,790 | 3.00 | 1.50 | 5.00 | .300 | 500 | 200 | 1,000 | 2.0 | N | N | 20 | 150 | 20 | 70 |
| NO273FIN | 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 |
| NO274FIN | 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 |
| NO276FIN | 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 |
| NO278FIN | 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 |
| NO280FIN | 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 |
| NO282FIN | 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 |
| NO284FIN | 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 |
| NO286FIN | 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 |
| NO288FIN | 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 |
| NO290FIN | 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 |
| NO293FIN | 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 |
| NO295FIN | 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 |
| NO297FIN | 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 |
| NO299FIN | 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 |
| NO301FIN | 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 |
| NO303FIN | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO268FIN | 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 |
| NO269FIN | 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 |
| NO270FIN | 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 |
| NO271FIN | 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 |
| NO273FIN | 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 |
| *NO274FIN* | *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 |
| NO276FIN | 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 |
| NO278FIN | 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 |
| NO280FIN | N | N | 30 | 7 | N | 200 | 200 | 50 | 30 | 70 | <.04 | .10 | 210 | 50 | .4 | 10 | 3 |
| CRS | N | N | 5 | 5 | N | N | 30 | N | 20 | N | <.04 | .07 | 40 | 25 | <.2 | 10 | 2 |
| NO282FIN | 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 |
| NO284FIN | 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 |
| NO286FIN | N | N | 30 | 15 | N | 200 | 150 | N | 20 | 200 | <.04 | .03 | 30 | 60 | <.2 | 10 | 2 |
| CRS | N | N | 5 | N | N | 100 | 20 | 70 | N | 10 | <.04 | N | 30 | 10 | <.2 | N | <1 |
| NO288FIN | 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 |
| NO290FIN | N | N | 20 | 5 | N | 150 | 100 | N | 10 | 100 | <.04 | .06 | 40 | 40 | .2 | <10 | 3 |
| CRS | N | N | 5 | N | N | 100 | 20 | N | N | N | <.04 | .08 | 30 | 10 | <.2 | <10 | 1 |
| NO293FIN | 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 |
| NO295FIN | N | N | 30 | 15 | N | 300 | 150 | N | 20 | 100 | <.04 | .10 | 35 | 60 | <.2 | <10 | 2 |
| CRS | N | N | 15 | 5 | N | 200 | 50 | N | 10 | 50 | <.04 | .10 | 25 | 15 | <.2 | <10 | 3 |
| NO297FIN | N | N | 30 | 15 | N | 300 | 150 | <50 | 20 | 200 | <.04 | .05 | 30 | 60 | .2 | <10 | 7 |
| CRS | N | N | 10 | 5 | N | 200 | 50 | N | 10 | 30 | <.04 | .03 | 30 | 15 | <.2 | <10 | 2 |
| NO299FIN | 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 |
| NO301FIN | N | N | 30 | 10 | N | 200 | 150 | N | 20 | 200 | <.04 | .07 | 35 | 65 | .4 | <10 | 3 |
| CRS | N | N | 20 | 5 | N | 200 | 70 | N | 10 | 30 | <.04 | .05 | 35 | 30 | .2 | <10 | 3 |
| NO303FIN | 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-Mn | S-B | S-Ba | S-Be | S-Bi | S-Cd | S-Co | S-Cr | S-Cu | S-La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO305FIN | 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 |
| NO307FIN | 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 |
| NO309FIN | 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 |
| NO312FIN | 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 |
| NO314FIN | 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 |
| NO316FIN | 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 |
| NO318FIN | 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 |
| NO320FIN | 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 |
| NO322FIN | 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 |
| NO324FIN | 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 |
| NO326FIN | 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 |
| NO328FIN | 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 |
| NO331FIN | 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 |
| NO333FIN | 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 |
| NO335FIN | 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 |
| NO337FIN | 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 |
| NO339FIN | 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 |
| NO341FIN | 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 |
| NO345FIN | 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 |
| NO349FIN | 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 | CM-As | CM-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 | .55 | 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 | N | 5 | N | N | 150 | 50 | N | N | 20 | <.04 | .12 | 30 | 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 | N | 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 | N | 1,000 | N | N | N | N | 20 | 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 | N | 20 | 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-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-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 | 20 | 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 | 70 | 300 | 200 | N | 20 | 200 | <.04 | .14 | 1,100 | 1,100 | 1.0 | 10 | 5 |
| CRS | N | N | 5 | N | 50 | N | 70 | N | N | N | <.04 | .10 | 1,100 | 500 | 1.0 | 10 | 2 |
| N0365FIN | N | N | 30 | 10 | 150 | 300 | 200 | N | 20 | 200 | <.04 | .12 | 1,200 | 1,400 | 1.0 | 30 | 4 |
| CRS | N | N | 10 | N | 20 | 150 | 50 | N | N | 10 | <.04 | .08 | 900 | 1,100 | .4 | <10 | 3 |
| N0367FIN | N | N | 20 | 7 | 70 | 150 | 70 | N | 10 | 70 | <.04 | .28 | 1,600 | 1,900 | 2.5 | 10 | 6 |
| CRS | N | N | 5 | N | 100 | <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 | 50 | 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-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-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 | 100 | 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 | N | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N0435FIN | 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 | 20 | 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 | 20 | 500 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 10 | 70 | 50 | 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 | 15.00 | .007 | 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 | .500 | 2,000 | 50 | 1,000 | 2.0 | 10 | N | 15 | 70 | 70 | 50 |
| CRS | 39,247 | 170,980 | 2.00 | 5.00 | 7.00 | .200 | 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 | .050 | 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 | CM-As | CM-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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | <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 | 20.00 | .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 | 70 | 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 | .70 | .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 | Inst-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-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 | N | 200 | 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 | Inst-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-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 | <50 | 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 | <10 | 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 | <10 | 300 | 100 | N | 20 | 200 | <.04 | .18 | 240 | 300 | .4 | 10 | 10 |
| CRS | N | N | 20 | 10 | <10 | 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 | <10 | 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 | N | 20 | .04 | 1.40 | 520 | 200 | 2.0 | 60 | 35 |
| N0598FIN | N | <10 | 20 | 15 | <10 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 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 | 2.00 | 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 | CM-As | CM-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 | .10 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 39,554 | 173,148 | 3.00 | .70 | 1.50 | .200 | 300 | 20 | 700 | 1.5 | N | <20 | 7 | 100 | 20 | 20 |
| CRS | 39,554 | 173,148 | 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 | CM-As | CM-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 | 1,300 | 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 | 80 | 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 | 230 | 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 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | .150 | 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 | 172,885 | 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 | CM-As | CM-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 | 5 | 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-Be | 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 | CM-As | CM-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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 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 | 50 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 300 | 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 | 20 | 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 | <10 | 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 | <10 | 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 | <10 | 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 | 10 | 300 | 150 | N | 15 | 150 | <.10 | .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 | <10 | 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 | 1.5 | 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 | CM-As | CM-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 | N | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | <10 | 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 | <10 | 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 | 70 | 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 | CM-As | CM-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 | 20 | 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 | N | 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 | — | .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 | N | 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 | 7 | 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 | N | 50 | N | .18 | 15 | 15 | N | 20 | 10 |
| N0873FIN | N | N | 10 | 5 | N | 100 | 50 | N | 10 | 70 | <.10 | 4.00 | 180 | 600 | <.5 | 30 | 90 |
| CRS | N | N | 5 | N | N | N | 20 | N | N | 20 | <.10 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 300 | 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 | 41,055 | 169,090 | 2.00 | 2.00 | 3.00 | .150 | 1,000 | 30 | 500 | 1.5 | N | N | 5 | 30 | 15 | <20 |
| CRS | 41,055 | 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 | N | 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 | Inst-Hg | AA-Pb-P | AA-Zn-P | AA-Ag-P | CM-As | CM-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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 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 | N | N | N | <5 | 20 | 15 | <20 |
| N0933FIN | 41,685 | 169,330 | 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 | .150 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | .70 | .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 | .70 | .70 | .500 | 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 | 1.50 | 1.50 | 3.00 | .150 | 300 | 30 | 500 | 1.0 | N | N | 5 | 20 | 7 | 20 |
| CRS | 41,620 | 170,960 | .70 | 7.00 | 10.00 | .050 | 200 | 15 | 100 | <1.0 | N | N | <5 | 20 | 10 | <20 |
| N0995FIN | 41,525 | 170,645 | 2.00 | 3.00 | 3.00 | .150 | 300 | 30 | 2,000 | 1.5 | N | N | 5 | 30 | 15 | 20 |
| CRS | 41,525 | 170,645 | 3.00 | 7.00 | 7.00 | .030 | 200 | 10 | >5,000 | 1.0 | N | N | <5 | 20 | 10 | <20 |
| N0997FIN | 41,535 | 170,675 | 3.00 | 5.00 | 5.00 | .200 | 700 | 70 | 2,000 | 1.5 | N | N | 7 | 50 | 15 | 30 |
| CRS | 41,535 | 170,675 | 1.50 | 7.00 | 10.00 | .050 | 300 | 15 | >5,000 | <1.0 | N | N | <5 | 20 | 10 | <20 |
| N0999FIN | 41,575 | 170,780 | 3.00 | 5.00 | 3.00 | .200 | 700 | 70 | 700 | 1.5 | N | N | 10 | 70 | 15 | 30 |
| 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-As | 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 | 10 | 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 | .04 | 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 | 2.000 | 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 | 10 | 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 | 70 | 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 | AA-Zn-P | AA-Ag-P | CM-As | CM-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 | N | <10 | 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 | .20 | 3.00 | 30 | 90 | N | 8,000 | 40 |
| CRS | N | N | 5 | 5 | N | 100 | 15 | N | <10 | 30 | .15 | 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 | <.10 | .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 | .20 | 3.00 | 10 | 95 | N | 120 | 20 |
| CRS | 10 | N | 7 | <5 | N | 300 | 20 | N | <10 | 30 | .20 | 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 | <.10 | .60 | 150 | 170 | 1.0 | 40 | 40 |
| N3188FIN | N | N | 7 | <5 | N | 150 | 30 | N | 10 | 30 | <.10 | 1.20 | 150 | 170 | 2.0 | 40 | 35 |
| CRS | N | N | 7 | <5 | N | 100 | 20 | N | 15 | 30 | <.10 | 1.30 | 70 | 80 | 2.0 | 60 | 35 |
| N3190FIN | 30 | N | 10 | 10 | N | 150 | 70 | N | 15 | 50 | .40 | >10.00 | 2,900 | 1,300 | 36.0 | 400 | 1,000 |
| CRS | 20 | N | 7 | 5 | N | 150 | 50 | N | 10 | 30 | .35 | >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 | 173,970 | 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 | 700 | 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 | CM-As | CM-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 | <.10 | .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, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | .300 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N3249FIN | <5 | <20 | 7 | 7 | 20 | 300 | 50 | N | 15 | 150 | <.10 | .20 | 510 | 150 | 1.5 | 20 | 15 |
| CRS | N | <20 | 7 | 15 | N | 300 | 50 | N | 20 | 150 | N | .14 | 240 | 65 | <.5 | 10 | 3 |
| N3251FIN | 10 | <20 | 7 | 7 | 50 | 200 | 50 | N | 15 | 150 | .20 | .60 | 1,300 | 330 | 5.5 | 100 | 30 |
| CRS | <5 | <20 | 7 | 10 | <10 | 300 | 50 | N | 20 | 150 | N | .12 | 260 | 95 | .5 | 10 | 4 |
| N3253FIN | 10 | <20 | 7 | 7 | 70 | 300 | 50 | N | 15 | 150 | .40 | .80 | 1,500 | 380 | 7.0 | 150 | 45 |
| CRS | N | <20 | 5 | 7 | <10 | 300 | 30 | N | 15 | 150 | <.10 | .18 | 510 | 140 | 1.0 | 20 | 5 |
| N3255FIN | 7 | N | 7 | 7 | 30 | 200 | 50 | N | 15 | 150 | <.10 | .22 | 540 | 160 | 1.5 | 40 | 15 |
| CRS | N | 20 | 7 | 10 | <10 | 300 | 50 | N | 20 | 200 | N | .10 | 190 | 60 | <.5 | 20 | 4 |
| N3257FIN | 7 | <20 | 5 | 7 | 70 | 200 | 30 | N | 15 | 150 | .50 | 1.00 | 3,000 | 600 | 9.5 | 600 | 50 |
| CRS | N | <20 | 7 | 15 | <10 | 500 | 70 | N | 15 | 150 | N | .08 | 140 | 45 | <.5 | 20 | 4 |
| N3259FIN | 15 | <20 | 7 | 7 | 200 | 200 | 30 | N | 15 | 150 | .90 | 2.00 | 2,000 | 2,400 | 20.0 | 800 | 100 |
| CRS | 5 | <20 | <5 | 5 | 15 | 150 | 15 | N | 20 | 70 | <.10 | .35 | 720 | 190 | 2.0 | 60 | 15 |
| N3260FIN | N | <20 | 15 | 10 | N | 200 | 50 | N | 20 | 300 | N | .08 | 120 | 200 | N | 10 | 5 |
| CRS | N | N | 10 | 5 | N | 100 | 30 | N | 20 | 150 | N | .10 | 70 | 240 | N | 40 | 20 |
| N3261FIN | N | <20 | 10 | 10 | N | 200 | 50 | N | 20 | 300 | N | .30 | 100 | 100 | N | 20 | 5 |
| CRS | N | N | 10 | 5 | N | 150 | 50 | N | 15 | 100 | N | .20 | 30 | 60 | N | 30 | 4 |
| N3262FIN | N | <20 | 10 | 10 | 10 | 200 | 70 | N | 20 | 200 | N | .12 | 190 | 140 | <.5 | 40 | 8 |
| CRS | N | <20 | 10 | 7 | N | 100 | 50 | N | 30 | 300 | N | .04 | 65 | 100 | N | 60 | 15 |
| N3263FIN | 10 | <20 | 15 | 10 | 15 | 200 | 50 | N | 20 | 200 | <.10 | .18 | 570 | 240 | .5 | 80 | 20 |
| CRS | 7 | <20 | 7 | 5 | <10 | 100 | 30 | N | 20 | 200 | <.10 | .06 | 180 | 120 | N | 60 | 15 |
| N3264FIN | N | <20 | 10 | 7 | <10 | 200 | 50 | N | 15 | 300 | N | .14 | 120 | 140 | N | 20 | 8 |
| CRS | 5 | N | 7 | <5 | N | 100 | 20 | N | 10 | 70 | N | .10 | 80 | 100 | N | 80 | 20 |
| N3265FIN | 5 | <20 | 10 | 10 | N | 200 | 50 | N | 15 | 200 | N | .10 | 130 | 120 | N | 10 | 8 |
| CRS | N | N | 7 | <5 | N | 100 | 20 | N | 10 | 70 | N | .04 | 35 | 60 | N | 30 | 8 |
| N3266FIN | 7 | <20 | 10 | 10 | 10 | 200 | 50 | N | 15 | 150 | N | .12 | 320 | 160 | .5 | 40 | 10 |
| CRS | N | N | 7 | <5 | N | 150 | 30 | N | 10 | 70 | N | .04 | 70 | 80 | N | 30 | 6 |
| N3267FIN | 5 | N | 10 | 5 | 15 | 150 | 30 | N | 10 | 100 | <.10 | .22 | 400 | 150 | .5 | 30 | 20 |
| CRS | N | N | 5 | <5 | <10 | 100 | 10 | N | 10 | 50 | N | .10 | 95 | 60 | N | 20 | 8 |
| N3269FIN | 7 | <20 | 7 | 7 | 10 | 200 | 30 | N | 20 | 200 | <.10 | .28 | 630 | 120 | 2.0 | 80 | 15 |
| CRS | N | <20 | 5 | 7 | <10 | 200 | 30 | N | 20 | 150 | <.10 | .35 | 680 | 120 | 2.0 | 100 | 10 |
| N3271FIN | N | <20 | 7 | 7 | N | 200 | 30 | N | 20 | 150 | N | .10 | 60 | 55 | <.5 | 10 | 2 |
| CRS | N | 30 | 5 | 5 | N | 100 | 10 | N | 20 | 70 | N | N | 20 | 25 | <.5 | 10 | 1 |
| N3273FIN | N | 20 | 10 | 10 | N | 200 | 30 | N | 20 | 200 | N | .60 | 110 | 65 | <.5 | 10 | 4 |
| CRS | N | 20 | 5 | 5 | <10 | 100 | 10 | N | 30 | 100 | N | .08 | 45 | 25 | <.5 | 20 | 1 |
| N3275FIN | <5 | <20 | 10 | 15 | 15 | 300 | 30 | N | 30 | 200 | <.10 | .30 | 740 | 200 | 2.5 | 60 | 20 |
| CRS | 5 | 20 | 7 | 10 | N | 300 | 50 | N | 20 | 200 | N | .10 | 280 | 90 | 15.0 | 20 | 4 |
| N3277FIN | N | <20 | 7 | 10 | 10 | 200 | 50 | N | 20 | 300 | N | .12 | 240 | 90 | 1.0 | 30 | 6 |
| CRS | N | 30 | 7 | 15 | N | 500 | 70 | N | 30 | 300 | N | .04 | 120 | 50 | <.5 | 30 | 1 |
| N3279FIN | <5 | 20 | 7 | 10 | N | 200 | 50 | N | 15 | 150 | N | .12 | 180 | 80 | .5 | 30 | 4 |
| CRS | N | 20 | 7 | 10 | N | 300 | 50 | N | 20 | 150 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 173,770 | 3.00 | 1.00 | 1.50 | .300 | 700 | 30 | 700 | 1.5 | N | N | 20 | 70 | 30 | 30 |
| CRS | 39,665 | 173,770 | 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 |
| CRS | N | 30 | <5 | 5 | 10 | N | <10 | N | 20 | 50 | N | .08 | 10 | 10 | <.5 | 10 | <1 |
| N4001FIN | N | <20 | 20 | 10 | N | 200 | 70 | N | 15 | 150 | N | .16 | 45 | 120 | <.5 | 10 | 1 |
| CRS | N | N | 20 | 10 | N | 200 | 70 | N | 20 | 150 | N | .08 | 45 | 100 | N | 10 | 1 |
| N4003FIN | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | .30 | .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 | CM-As | CM-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 | N | 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 | N | 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 | <.10 | >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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | .200 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | N | 15 | N | N | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | .070 | 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-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 50 | 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 | 173,202 | 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 | 70 | 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 | CM-As | CM-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 | 240 | 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 |