U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

Analytical data, sample localities, and basic statistical data for stream-sediment, heavy-mineral-concentrate, magnetite, and rock samples collected from the Goshute Indian Reservation, Nevada and Utah

By

R.G. Eppinger, J.H. Bullock, Jr., L.A. Bradley, P.L. Hageman, D.M. Hopkins, A.H. Love, J.M. Motooka, C.J. Nutt, B.H. Roushey, and E.P. Welsch

Open-File Report 94-270A Paper version
94-270B Diskette version

U.S. Geological Survey, DFC, Box 25046, MS 973, Denver, CO, 80225

1994

CONTENTS

ILLUSTRATIONS

PLATE IN POCKET

TABLES

CONTENTS (continued)

APPENDICES

INTRODUCTION

In 1990, the Goshute Indian Tribe contracted the U.S. Geological Survey to conduct a 3-year precious-metal assessment of its Reservation. The study included geological, geophysical, remote sensing, and geochemical investigations. A reconnaissance drainage basin geochemical survey was conducted on the Reservation in 1991. Follow-up drainage basin and rock geochemical sampling was undertaken in 1992. This report presents analytical results, sample descriptions, and basic statistical data for stream-sediment, heavy-mineral-concentrate, magnetite, and rock samples collected during these geochemical investigations. A final interpretive report incorporating these geochemical data will follow.

The Goshute Reservation is 109,013 acres (170 mi^2) in size. The Reservation straddles the Nevada-Utah border, and includes parts of the Deep Creek Range, Antelope Valley, and Deep Creek Valley (fig. 1). Topography varies from high, steep slopes in the Deep Creek Range, with elevations over 11,000 ft, to moderately high hills in the South Mountains, to low hills and flat-lying areas in the Antelope Valley, where elevations less than 5,800 ft are found. Vegetation is dominated by sagebrush in lower regions and mixed juniper, piñon, and sagebrush at intermediate elevations. Higher in the Deep Creek Range are ponderosa, spruce, fir, and aspen forests, and tundra above timberline. The Reservation is accessible from U.S. Highway 93 to the west and remote gravel roads to the east. Within the Reservation, gravel and 4-wheel drive roads are numerous and provide access to most areas. Tribal permission is required for entry onto the Reservation.

GENERAL GEOLOGY

Preliminary geologic maps, cross-sections, and brief rock unit descriptions are found in Nutt and others (1992). The following is extracted largely from that report. The Reservation is underlain by Late Proterozoic schist and quartzite, Paleozoic sedimentary rocks, and Tertiary volcanic, intrusive, and sedimentary rocks. Tertiary and Quaternary alluvium is widespread, particularly in the northern half of the Reservation. Proterozoic metasedimentary rocks are limited to the outcrops along the Deep Creek Range and host the Queen of Sheba and Jumbo gold mines (fig. 1). Locally within the upper parts of the Deep Creek Range, Quaternary glacial till conceals bedrock.

Paleozoic rocks underlie the South Mountains. The most widespread units include the Cambrian Prospect Mountain Quartzite, undifferentiated Middle Cambrian carbonate rocks, Cambrian to Ordovician Notch Peak Formation, Ordovician Pogonip Group and Eureka Quartzite, undifferentiated Ordovician to Silurian dolomites, Devonian Sevy and Simonson Dolomites and Guilmette Formation, Devonian to Mississippian Chainman and Pilot Shales, and the Pennsylvanian Ely Limestone. Numerous small, jasperoid-bearing silver mines and prospects in Johnson Canyon

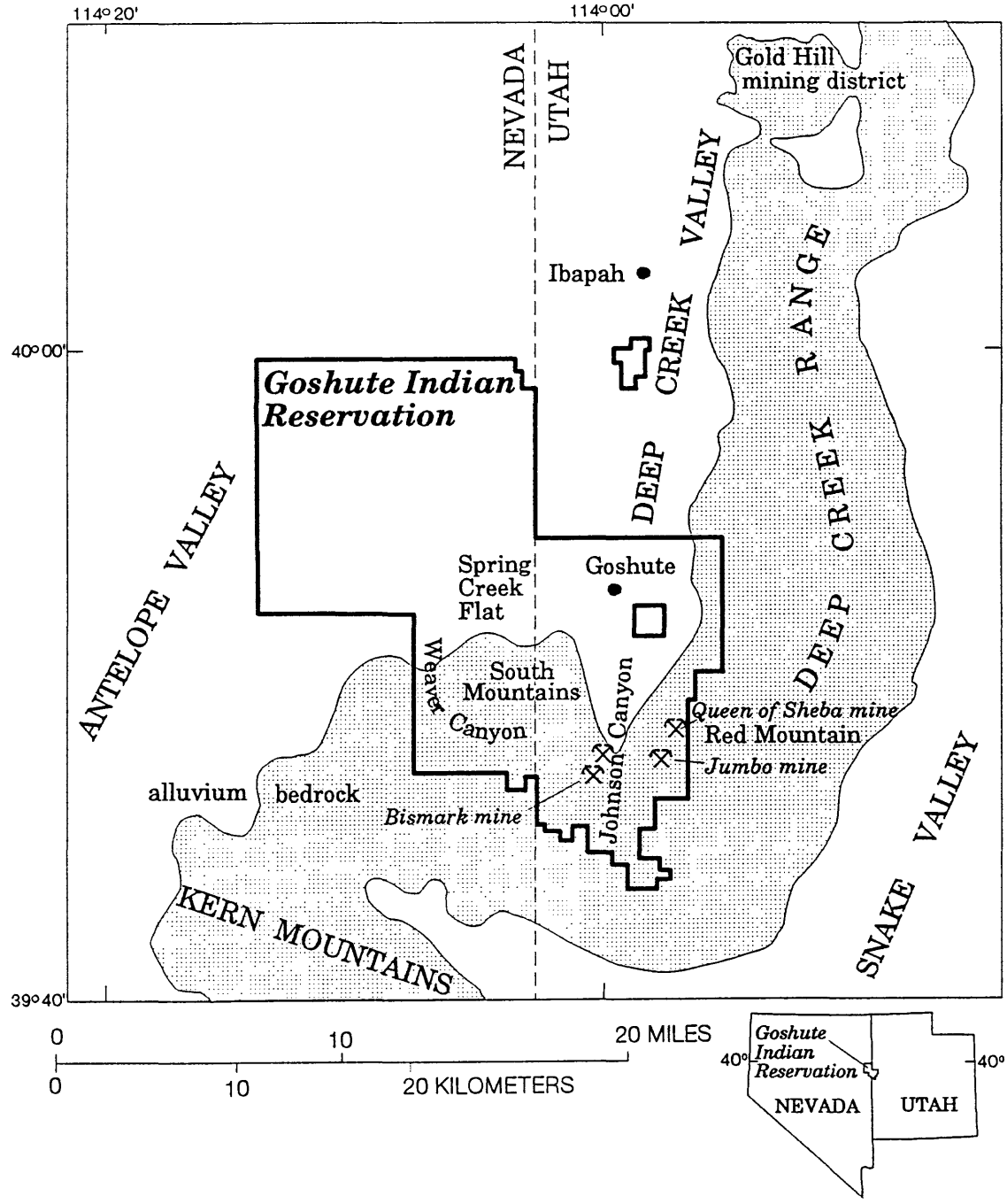


Figure 1. Location of the Goshute Indian Reservation, NV and UT.

are hosted by carbonate and clastic rocks of the Notch Peak Formation and overlying Pogonip Group. Elsewhere in the Paleozoic section, jasperoid is most commonly found replacing brecciated rock along fault contacts of the Pilot Shale-Guilmette Formation and Chainman Shale-Guilmette Formation.

The Ibapah pluton, a Late Eocene leucocratic monzogranite, underlies the high peaks in the central Deep Creek Range (fig. 1) and is found in the eastern part of the Reservation. Pegmatites related to the intrusion are found locally. Historical gold-silver, mercury, and tungsten mines are found along the northern and southern contacts of the pluton. At the Queen of Sheba mine, late-stage alaskite dikes are spatially associated with gold-bearing quartz veins. Sparse dikes, found principally in the South Mountains, may be related to the Ibapah pluton. These dikes are locally clay altered.

Eocene to Oligocene extrusive volcanic rocks underlie low ridges and isolated hills in Deep Creek and Antelope Valleys and extend into the South Mountains in the western part of the Reservation. These rocks are generally of intermediate composition. Flow breccias and scoria found locally suggest proximity to vents.

Rocks in the Reservation are structurally complex, having been deformed during the Mesozoic Sevier orogeny and Tertiary extension. A prominent range-bounding fault extends along much of the western flank of the Deep Creek Range, but diminishes in the South Mountains. Other structures, found principally in the South Mountains, include low-angle, younger-over-older faults, north- to northeast-trending broad folds, and north-trending down-to-the-west high-angle faults which parallel the large range-bounding fault.

METHODS OF STUDY

Sample Media

Geochemical sample media include stream-sediment, heavy-mineral-concentrate, alluvial magnetite, and rock samples, collected to provide information about bedrock within drainage basins upstream from the sample sites. The chemical composition of stream-sediment samples reflects the overall chemistry of rocks contained within the drainage basins.

Ore-related minerals are commonly dense and heavy-mineral-concentrate samples from stream sediment provide information about these and other rock-forming dense minerals contained within the drainage basins. In addition, the heavy-mineral-concentrate sample permits chemical determination of some elements not easily detected in stream-sediment samples. Further, microscopic identification of nonmagnetic minerals in heavy-mineral-concentrate samples may provide additional information useful in delineating areas favorable for mineral deposits.

Alluvial magnetite samples were collected to assess their usefulness in areas of predominant carbonate outcrop, where heavy-mineral accumulations are sparse. Magnetite was collected

at most stream-sediment sample sites and to a lesser extent from mine and prospect dumps.

Rock samples were collected during the reconnaissance and follow-up geochemical studies, and while walking traverses related to geologic mapping. Sources include outcrops, float, and alluvium, as well as composite chip samples from mine and prospect pit dumps. Analyses of these fresh, weathered, and altered rock samples provide chemical data on unmineralized and mineralized areas.

Sample Collection

As is typical for most of the Basin and Range region, much of the Reservation is covered by thick, distally-derived Quaternary gravels. Thus, stream-sediment and heavy-mineral-concentrate sampling on the Reservation was confined primarily to first-order drainages at or near the bedrock/pediment gravel interface. This resulted in an uneven sampling distribution, with most samples collected in the eastern and southern parts of the Reservation (plate 1).

Stream-sediment samples were collected from 129 sites. Each stream-sediment sample consisted of alluvium from the active stream channel, composited by collecting sediment from several localities along a 10 m stretch of the channel. The sediment was sieved at the site to minus-10 mesh (2 mm). A 1 kg sample was collected in a cloth bag and air-dried, if necessary. Most of the drainages are intermittent and were dry at the time of collection. Where the bedrock is predominantly shale, many drainage basins have poorly defined active alluvial channels that were commonly filled with fine-grained soily sediment and covered with sagebrush. In these drainages, samples were collected from low points containing alluvial pebble and cobble trains. This problem was encountered most frequently in the South Mountains.

Heavy-mineral-concentrate samples were collected at all 129 stream-sediment sample sites. Heavy-mineral-concentrate samples were collected from the same active alluvium as stream-sediment samples. A 14-inch gold pan was filled twice with stream sediment sieved to minus-10 mesh, resulting in approximately 14 kg of material. This sieved alluvium was panned at the site when running water was available. However, more commonly, the sieved material was collected in a cloth bag for later panning. The alluvium was panned until most of the less-dense minerals (primarily quartz and feldspar), organic materials, and clays were removed. The panned sample was air-dried and saved for further laboratory preparation. In addition to heavy-mineral concentrates from stream sediment, heavy-mineral concentrates were collected from glacial till at six sites in the Deep Creek Range, from a soil in the northern part of the South Mountains, from the Queen of Sheba mine dump, and from wallrock (a pan concentrate from a clay-altered felsic dike) at the Bismark mine. A total of 141 heavy-mineral-concentrate samples were collected.

A total of 134 magnetite samples were collected from alluvium at 127 stream-sediment sample sites, from 6 mine and

prospect dumps, and from 1 soil. At each site, approximately 50 mg of magnetite was collected by dragging a hand-held magnet through alluvium at sediment sample sites, through tailings at mine and prospect dumps, or through surficial soil, and saved in plastic bags for analysis.

A total of 439 rock samples were collected from outcrop, float, and alluvium throughout the Reservation. Rock samples were typically composite chip samples collected at the sites. Single grab samples were collected where compositing was not possible. Rock descriptions were recorded in field notes and later entered into the rock data base.

Sample Laboratory Preparation

Stream-sediment samples were sieved to minus-30 mesh (0.59 mm) and then pulverized to a fine flour consistency. For each sample, an approximate 185 g portion was saved for chemical analysis; the remaining material was subsequently archived. The minus-30-mesh fraction was chosen over the more routinely used minus-80-mesh (0.177 mm) fraction to minimize fine eolian sand and silt contamination, which commonly contributes to stream sediments in arid environments.

Panned concentrate samples were sieved to minus-20 mesh (0.84 mm), and then gravity separated using bromoform (specific gravity about 2.85) to remove remaining light minerals, primarily quartz and feldspar. The resultant heavy-mineral-concentrate sample was separated into magnetic, paramagnetic, and nonmagnetic fractions using a modified Frantz Isodynamic Separator. The magnetic fraction was removed at a setting of 0.25 ampere and contains primarily magnetite. The paramagnetic fraction was removed at 1.75 ampere and consists largely of ferromagnesian silicates and iron oxides. The remaining nonmagnetic fraction of the heavy-mineral concentrate contains many ore-related minerals including sulfide minerals, gold and other native metals, and some accessory oxides and silicates. The nonmagnetic heavy-mineral-concentrate samples were weighed and samples greater than 50 mg were split using a Jones splitter. One split was hand ground with an agate mortar and pestle for chemical analysis and the other split was used for microscopic mineralogical analysis. Clean quartz sand was hand ground between samples to clean the mortar and pestle, thereby reducing the risk of contamination among samples. Nonmagnetic heavy-mineral-concentrate samples weighing less than 50 mg were examined microscopically for mineralogical content prior to grinding.

Magnetite samples were hand ground with an agate mortar and pestle. Clean quartz sand was hand ground between samples.

Rock samples were coarsely crushed to pea-sized pieces and then split with a Jones splitter. For each sample, an approximate 185 g portion was pulverized and saved for chemical analysis and subsequent archival of remaining material. Clean quartz rock and sand was crushed and pulverized, respectively, between samples to reduce the risk of contamination among samples.

ANALYTICAL TECHNIQUES

Semiquantitative Emission Spectrography

The minus-30-mesh stream-sediment, minus-20-mesh nonmagnetic heavy-mineral-concentrate, magnetite, and rock samples were analyzed by a direct-current arc, semiquantitative emission spectrographic (SES) technique (Adrian and others, 1990). Spectrographic results were determined by visually comparing spectra derived from the sample against spectra obtained from laboratory reference standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude as follows: 100, 50, 20, 10, 5, 2 etc. Samples whose concentrations were estimated to fall between those values were assigned values of 70, 30, 15, 7, 3, 1.5 etc. The precision of this analytical technique is approximately ± one reporting interval at the 83 percent confidence level and ± two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements Fe, Mg, Ca, Na, Ti, and P are given in weight percent; all other values are in parts per million (micrograms/gram). Trace elements determined include Ag, As, Au, B, Ba, Be, Bi, Cd, Co, Cr, Cu, Ga, Ge, La, Mn, Mo, Nb, Ni, Pb, Sb, Sc, Sn, Sr, Th, V, W, Y, Zn, and Zr. In addition, palladium and platinum were determined in the heavy-mineral-concentrate samples. Upper and lower limits of determination for elements determined by SES are listed in table 1.

Wet Chemical Techniques

Stream-sediment and rock samples were analyzed by several wet chemical techniques in addition to SES. Concentrations of Ag, As, Au, Bi, Cd, Cu, Mo, Pb, Sb, and Zn were determined by inductively coupled plasma-atomic emission spectrometry (ICP-AES) using the procedure developed by Motooka (1990). Samples were decomposed with concentrated hydrochloric acid and hydrogen peroxide in a hot-water bath. Metals were extracted in diisobutyl ketone (DIBK)/Aliquat 336 in the presence of ascorbic acid and potassium iodide. The DIBK/Aliquat 336 phase was then aspirated directly into the plasma and element concentrations were determined simultaneously with a multichannel ICP-AES instrument. Several of the extremely high concentrations of trace elements in rocks shown in Table 10 reflect mineralized samples. Rock samples with high copper content (above 10000 ppm) required dilution for the ICP-AES method because of copper interferences on other elements. Thus, ICP-AES trace-element analyses for mineralized rocks with high copper content (principally those from mines and prospects) are qualitative estimates and should be used cautiously.

Concentrations of gold and thallium in the stream-sediment and rock samples were determined by the atomic absorption spectrophotometry (AAS) technique of O'Leary and Chao (1990). The samples were digested using a series of hydrofluoric acid, aqua-regia, and hydrobromic acid-bromine solutions. Gold and thallium were separated and concentrated by extraction into

methyl isobutyl ketone and determined by flame AAS. Samples analyzed by this technique with gold concentrations of less than 0.050 ppm were subsequently analyzed by graphite furnace AAS, which has a 0.002 ppm lower determination limit for gold (O'Leary and Chao (1990).

Mercury was measured in stream-sediment and rock samples using the cold-vapor AAS technique of O'Leary and others (1990). The samples were decomposed with nitric acid and sodium dichromate. Mercury (II) was reduced to mercury gas with hydroxylamine hydrochloride and stannous chloride in a continuous flow system, releasing the gas into the quartz cell of an atomic absorption spectrophotometer where the mercury concentration was determined.

Concentrations of fluorine (as fluoride) were determined on selected stream-sediment and rock samples by selective-ion electrode analysis using the method of O'Leary and Hopkins (1990). Samples were fused with lithium metaborate, and then dissolved in nitric acid. A complexing buffer was added, and fluorine concentrations were determined using a fluorine-selective ion electrode. Only samples collected during the first year of the geochemical study were analyzed for fluorine. Fluorine determinations were subsequently discontinued because of the relatively low concentrations and lack of variability found in the first-year samples.

Selected rock samples (primarily jasperoids) were analyzed for selenium using a continuous-flow hydride generation AAS (Welsch and others, 1990). The samples were digested using nitric, perchloric, and hydrofluoric acids; hydrochloric acid was added to form Se (IV), which is necessary for hydride generation. A mixture of hydrochloric acid, sodium borohydride, and sodium hydroxide was added to produce selenium hydride. The selenium hydride was then stripped and transported with inert gas to the atomizer of the atomic absorption spectrophotometer where selenium concentration was determined.

Tungsten was determined in selected rock samples (primarily jasperoids) by a visible spectrophotometric method (O'Leary and Welsch, 1990). The samples were decomposed with nitric, hydrofluoric, and hydrochloric acids. Stannous chloride and dithiol solution was added to reduce the tungsten, forming a blue tungsten-dithiol complex, which was then extracted into heptane. The color intensity of the tungsten-dithiol complex is proportional to the concentration of tungsten in the sample. Tungsten concentrations were determined using a visible absorption spectrophotometer.

The elements determined by the various wet chemical techniques and their limits of determination are listed in table 2. In tables 7 (stream sediments) and 10 (rocks), discrepancies for certain elements analyzed by different analytical methods, such as values determined for gold, may be attributable to the particulate nature of minerals that contain gold, to the different sample weights used, and to the different dissolution and extraction procedures. For gold in particular, the AAS

analytical method provides the most statistically representative results, due to the larger sample weight analyzed; a 10-gram sample weight is used for the AAS analysis, whereas a 10-milligram sample weight is used in the SES technique.

STATISTICAL SUMMARY AND COMPUTERIZED DATA STORAGE

Analytical data for the stream-sediment, heavy-mineral-concentrate, magnetite, and rock samples are summarized statistically in tables 3 through 6, respectively. Included for each variable (element) in these tables are minimum and maximum values, information on qualified (undetermined) data, and values for the 25th, 50th, 75th, 95th, and 97.5th percentiles. These univariate statistics were computed using the U.S. Geological Survey STATPAC series of computer programs (Grundy and Miesch, 1987). Histograms for elements determined in stream-sediment, heavy-mineral-concentrate, magnetite, and rock samples are provided in appendices 1 through 4, respectively.

The analytical results and coded descriptive geologic information in Tables 7-10 were entered into the U.S. Geological Survey Branch of Geochemistry data base. The analytical data may be retrieved from the data base and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1977).

A digital version of this report (minus figures and plate) is available on a 3.5 inch, 1.44 MB MS-DOS formatted, magnetic diskette as part B of this report (Eppinger and others, 1994). Access to this information requires an IBM compatible computer using MS DOS and a 3.5 inch high density disk drive. The diskette contains the analytical results, sample descriptions, and geographic coordinates for the stream-sediment, heavy-mineral-concentrate, magnetite, and rock samples. Data files on the diskette are in dBASE 3 (.DBF) format. An ASCII file contains associated text describing analytical methods and listing determination limits, univariate statistics, histograms, and references.

DESCRIPTION OF DATA TABLES

Table 7 contains sample description and geochemical data for stream-sediment samples collected during this study. Corresponding data are found in table 8 for heavy-mineral-concentrate samples, table 9 for magnetite samples, and table 10 for rock samples. Sample site locations are given as latitude and longitude in both decimal degree and degree-minute-second formats in the tables. Sample descriptions include columns for state, county, sample media and description, sample character, and sample source. The following list summarizes sample description column headings for tables 7 through 10.

Column Identifier	Explanation
INDEX	sample sequence number in table
FIELD NO.	sample field identification number

Column Identifier	Explanation
LATITUDE	latitude in decimal degrees
LONGITUDE	longitude in decimal degrees
DLAT	degrees latitude
MLAT	minutes latitude
SLAT	seconds latitude
DLON	degrees longitude
MLON	minutes longitude
SLON	seconds longitude
ST	state
COUNTY	county
SAMPLE MEDIA	type of sample media (for stream-sediment, heavy-mineral-concentrate, and magnetite samples only)
SAMPLE NAME & DESCRIPTION	field name and brief description (for rock samples only)
SAMPLE CHARACTER	indicates composite or grab sample
SAMPLE SOURCE	sample collected from outcrop, float, alluvium, etc.

Subsequent columns in the data tables contain geochemical data. Column identifiers consist of two lines, the first giving the chemical element symbol and units of measurement and the second listing a code letter for the analytical method used for the element in that particular column. Element names and associated symbols are shown in tables 1 and 2. The analytical methods and associated code letters are as follows:

A atomic absorption spectrophotometry
G graphite-furnace atomic absorption spectrophotometry
I inductively coupled plasma-atomic emission spectrometry
E selective ion electrode analysis
S semiquantitative emission spectrography
H hydride generation atomic absorption spectrophotometry
V visible spectrophotometry

In the data tables (tables 7-10), the letter "N" indicates that an element was looked for but not observed at the concentration shown. A ">" indicates that an element was detected but in concentration above the upper limit of determination shown. For all elements except fluorine and selenium, a "<" indicates that an element was detected but present in concentrations below the lower limit of determination shown. For fluorine and selenium, a "<" indicates simply that the value was below the lower limit of determination, as no "N" is reported for these elements.

ACKNOWLEDGMENTS

We would like thank Junior Steele of the Goshute Indian Tribe for field assistance, and Pete Theodorakos and Craig Motooka for laboratory sample preparation.

REFERENCES CITED

Adrian, B.M., Arbogast, B.F., Detra, D.E., and Mays, R.E., 1990, Direct-current arc emission spectrographic method for the semiquantitative analysis of rock, stream-sediment, soil, and heavy-mineral-concentrate samples, in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 100-106.

Eppinger, R.G., Bullock, J.H.,Jr., Bradley, L.A., Hageman, P.L., Hill, R.H., Hopkins, D.M., Love, A.H., Nutt, C.J., Roushey, B.H., and Welsch, E.P., 1994, Analytical data, sample locality map, and basic statistical data for stream-sediment, heavy-mineral-concentrate, magnetite, and rock samples collected from the Goshute Indian Reservation, Nevada and Utah: U.S. Geological Survey Open-File Report 94-***-B, one 3.5-inch diskette.

Grundy, W.D., and Miesch, A.T., 1987, Brief descriptions of STATPAC and related statistical programs for the IBM Personal Computer: U.S. Geological Survey Open File Report 87-411-A, 34 p.

Motooka, J.M., 1990, Organometallic halide extraction applied to the analysis of geologic materials for 10 elements by inductively coupled plasma-atomic emission spectrometry, in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 92-96.

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

Nutt, C.J., Eppinger, R.G., Miller, S.H., Ponce, D.A., and Sampson, J.A., 1992, Geological, geochemical, and geophysical studies for the Goshute Reservation, Nevada and Utah, precious-mineral asessment project: U.S. Bureau of Mines Division of Energy and Mineral Resources Publication G-92-2, p. 51-69.

O'Leary, R.M., and Chao, T.T., 1990, Determination of gold, tellurium, and thallium, in rock, stream-sediment, and soil samples by flame, and gold by graphite furnace, atomic absorption spectrophotometry following dissolution by HF, aqua regia, and HBr-Br_2, in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 52-59.

O'Leary, R.M., Crock, J.G., and Kennedy, K.R., 1990, Determination of mercury in geologic materials by continuous flow-cold vapor-atomic absorption spectrophotometry, in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 60-67.

O'Leary, R.M., and Hopkins, D.M., 1990, Determination of fluoride in rock, soil, and stream-sediment samples by ion-selective electrode following Na_2CO_3-K_2CO_3-KNO_3 fusion and dissolution with citric acid, in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 127-130.

O'Leary, R.M., and Welsch, E.P., 1990, Determination of tungsten in rock, soil, and stream-sediment samples by visible absorption spectrophotometry, in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 157-160.

VanTrump, George, Jr., and Miesch, A.T., 1977, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v.3, p. 475-488.

Welsch, E.P., Crock, J.G., and Sanzolone, R.F., 1990, Trace-level determination of arsenic and selenium using continuous-flow hydride generation atomic absorption spectrophotomety (HG-AAS), in Arbogast, B.F., Quality assurance manual for the Branch of Geochemistry: U.S. Geological Survey Open-File Report 90-668, p. 38-45.

Table 1. Limits of determination for semiquantitative emission spectrography. [Spectrographic limits of determination are based on a 10-mg sample. The spectrographic limits of determination for heavy-mineral-concentrate samples are based on a 5-mg sample weight, and are therefore two reporting intervals higher than the limits shown here]

Elements		Lower Determination Limit	Upper Determination Limit
		Percent	
Iron	(Fe)	0.05	20
Magnesium	(Mg)	0.02	10
Calcium	(Ca)	0.05	20
Sodium	(Na)	0.2	5
Titanium	(Ti)	0.002	1
Phosphorous	(P)	0.2	10
		Parts per million	
Silver	(Ag)	0.5	5,000
Arsenic	(As)	200	10,000
Gold	(Au)	10	500
Boron	(B)	10	2,000
Barium	(Ba)	20	5,000
Beryllium	(Be)	1	1,000
Bismuth	(Bi)	10	1,000
Cadmium	(Cd)	20	500
Cobalt	(Co)	10	2,000
Chromium	(Cr)	10	5,000
Copper	(Cu)	5	20,000
Gallium	(Ga)	5	500
Germanium	(Ge)	10	100
Lanthanum	(La)	50	1,000
Manganese	(Mn)	10	5,000
Molybdenum	(Mo)	5	2,000
Niobium	(Nb)	20	2,000
Nickel	(Ni)	5	5,000
Lead	(Pb)	10	20,000
Antimony	(Sb)	100	10,000
Scandium	(Sc)	5	100
Tin	(Sn)	10	1,000
Strontium	(Sr)	100	5,000
Thorium	(Th)	100	2,000
Vanadium	(V)	10	10,000
Tungsten	(W)	20	10,000
Yttrium	(Y)	10	2,000
Zinc	(Zn)	200	10,000
Zirconium	(Zr)	10	1,000
Palladium	(Pd)*	5	1,000
Platinum	(Pt)*	20	1,000

* Determined for heavy-mineral-concentrate samples only; based on a 5 mg sample.

Table 2. Limits of determination for wet chemical techniques.
[I, inductively coupled plasma-atomic emission spectrometry*; A, atomic absorption spectrophotometry; G, graphite furnace atomic absorption spectrophotometry; H, hydride generation atomic absorption spectrophotometry; V, visible spectrophotometry; E, selective-ion electrode analysis; ppm, parts per million; pct, percent.]

Element	Analytical Method		Lower Determination Limit		Upper Determination Limit	
Silver	(Ag)	I	0.045	ppm	1,500	ppm
Arsenic	(As)	I	0.60	ppm	3,000	ppm
Gold	(Au)	I	0.15	ppm	2,400	ppm
Bismuth	(Bi)	I	0.60	ppm	1,500	ppm
Cadmium	(Cd)	I	0.03	ppm	500	ppm
Copper	(Cu)	I	0.03	ppm	1,200	ppm
Molybdenum	(Mo)	I	0.09	ppm	1,500	ppm
Lead	(Pb)	I	0.60	ppm	12,000	ppm
Antimony	(Sb)	I	0.60	ppm	800	ppm
Zinc	(Zn)	I	0.02	ppm	500	ppm
Thallium	(Tl)	A	0.050	ppm		
Gold	(Au)	G	0.002	ppm		
Mercury	(Hg)	A	0.02	ppm	34	ppm
Selenium	(Se)	H	0.10	ppm		
Tungsten	(W)	V	1.0	ppm		
Fluorine	(F)	E	0.01	pct		

* Limits of determination shown here for inductively coupled plasma-atomic emission spectrometry are nominal, and limits may be variable in the data tables. The variability in limits of determination for an element is due to variable sample weight used, dilution of the sample solution, or instrumental interference correction.

Table 3. Basic statistics for stream-sediment samples collected from the Goshute Indian Reservation, NV and UT. [B, not analyzed; L, detected but below lower determination limit; N, not detected at lower determination limit; G, greater than upper determination limit; ppm, parts per million; pct, percent; -A, atomic absorption spectrophotometry; -G, graphite furnace atomic absorption spectrophotometry; -I, inductively coupled plasma-atomic emission spectrometry; -E, selective-ion electrode analysis; -S, semiquantitative emission spectrography; Valid indicates number of samples not qualified by N, L, or G]

Element	Total	Minimum Value	Maximum Value	Valid	B	L	N	G	Percentiles 25th	50th	75th	95th	97.5th
Hg ppm-A	129	0.02	1.5	75	0	0	54	0	0.02N	0.02	0.02	0.05	0.06
Tl ppm-A	129	0.20	1.4	129	0	0	0	0	0.35	0.50	0.65	0.95	1.2
Au ppm-G	129	0.002	1.9	7	0	10	112	0	0.002N	0.002N	0.002N	0.002	0.002
Ag ppm-I	129	0.047	3.6	47	0	0	82	0	0.045N	0.045N	0.079	0.33	0.56
As ppm-I	129	0.82	48	111	0	0	18	0	2.5	6.5	11	21	30
Au ppm-I	129	0.34	7.7	2	0	0	127	0	0.15N	0.15N	0.15N	0.15N	0.15N
Bi ppm-I	129	0.64	3.4	9	0	0	120	0	0.60N	0.60N	0.60N	1.0	2.2
Cd ppm-I	129	0.036	2.5	125	0	0	4	0	0.15	0.29	0.43	0.95	1.1
Cu ppm-I	129	0.41	33	129	0	0	0	0	10	14	18	24	27
Mo ppm-I	129	0.13	6.4	129	0	0	0	0	0.55	0.8	1.1	3.7	4.2
Pb ppm-I	129	6.4	110	129	0	0	0	0	17	21	27	39	65
Sb ppm-I	129	0.61	15	90	0	0	39	0	0.60N	1.1	1.7	3.2	4.5
Zn ppm-I	129	15	200	129	0	0	0	0	38	48	62	120	160
F pct-E	122	0.01	0.16	120	7	2	0	0	0.02	0.03	0.05	0.085	0.11
Ca pct-S	129	0.05	20	113	0	0	0	16	1	10	20	20G	20G
Fe pct-S	129	1.5	20	129	0	0	0	0	2	3	5	8.5	10
Mg pct-S	129	0.15	10	128	0	0	0	1	1	2	5	8.5	10
Na pct-S	129	0.2	5	127	0	0	0	2	0.7	1	2	5	5
P pct-S	129	0.2	1	10	0	7	112	0	0.2N	0.20N	0.2N	0.2	0.25
Ti pct-S	129	0.15	1	123	0	0	0	6	0.3	0.5	0.7	1	1G
Ag ppm-S	129	0.5	5	10	0	13	106	0	0.5N	0.50N	0.5N	0.5	0.7
As ppm-S	129	---	---	0	0	0	129	0	---	---	---	---	---
Au ppm-S	129	---	---	0	0	0	129	0	---	---	---	---	---
B ppm-S	129	10	700	113	0	14	2	0	15	30	70	300	400
Ba ppm-S	129	150	2000	129	0	0	0	0	300	500	700	1000	1500
Be ppm-S	127	1	10	99	2	24	4	0	1	1.5	2	8.5	10
Bi ppm-S	129	15	15	1	0	0	128	0	10N	10N	10N	10N	10N
Cd ppm-S	129	---	---	0	0	0	129	0	---	---	---	---	---
Co ppm-S	129	10	20	46	0	63	20	0	10L	10L	10	15	15
Cr ppm-S	129	10	500	122	0	3	4	0	15	20	50	300	400

Table 3. Basic statistics for stream sediments...(continued).

Element	Total	Minimum Value	Maximum Value	Valid	B	L	N	G	Percentiles 25th	50th	75th	95th	97.5th
Cu ppm-S	129	5	70	117	0	6	6	0	7	15	20	50	50
Ga ppm-S	129	10	150	129	0	0	0	0	30	50	70	100	100
Ge ppm-S	129	---	---	0	0	0	129	0	---	---	---	---	---
La ppm-S	129	50	1000	54	0	41	34	0	50N	50L	50	250	400
Mn ppm-S	129	150	5000	128	0	0	0	1	500	700	1000	1500	1500
Mo ppm-S	129	5	7	9	0	17	103	0	5N	5N	5N	5	5
Nb ppm-S	129	20	200	15	0	24	90	0	20N	20N	20L	75	130
Ni ppm-S	129	5	300	116	0	5	8	0	7	15	20	100	130
Pb ppm-S	129	10	150	116	0	10	3	0	10	15	20	50	50
Sb ppm-S	129	---	---	0	0	0	129	0	---	---	---	---	---
Sc ppm-S	129	5	20	79	0	35	15	0	5L	5	7	10	15
Sn ppm-S	129	15	15	1	0	1	127	0	10N	10N	10N	10N	10N
Sr ppm-S	129	100	300	33	0	47	49	0	100N	100L	100	150	180
Th ppm-S	129	100	150	5	0	3	121	0	100N	100N	100N	100L	100
V ppm-S	129	10	500	129	0	0	0	0	30	50	100	200	400
W ppm-S	129	---	---	0	0	0	129	0	---	---	---	---	---
Y ppm-S	129	10	300	92	0	27	10	0	10L	10	20	50	70
Zn ppm-S	129	---	---	0	0	4	125	0	200N	200N	200N	200N	200L
Zr ppm-S	129	20	1000	127	0	0	0	2	100	150	300	50	700

Table 4. Basic statistics for heavy-mineral-concentrate samples collected from the Goshute Indian Reservation, NV and UT. [B, not analyzed; L, detected but below lower determination limit; N, not detected at lower determination limit; G, greater than upper determination limit; pct, percent; ppm, parts per million; -S, semiquantitative emission spectrography; Valid indicates number of samples not qualified by N, L, or G]

Element	Total	Minimum Value	Maximum Value	Valid	B	L	N	G	Percentiles 25th	50th	75th	95th	97.5th
Ca pct-S	141	0.15	30	133	0	2	6	0	1.5	5	10	20	20
Fe pct-S	141	0.1	10	139	0	1	1	0	0.5	1	2	5	7
Mg pct-S	141	0.05	10	134	0	5	2	0	0.15	0.7	5	7	7
Na pct-S	141	0.5	1.5	7	0	10	124	0	0.5N	0.5N	0.5N	0.5L	0.5
P pct-S	141	0.5	15	91	0	19	31	0	0.5L	0.7	5	10	10
Ti pct-S	141	0.007	2	125	0	0	0	16	0.07	0.2	1.5	2G	2G
Ag ppm-S	141	1	10000	19	0	10	112	0	1N	1N	1N	15	150
As ppm-S	141	500	20000	6	0	1	134	0	500N	500N	500N	500N	1000
Au ppm-S	141	30	1000	6	0	2	132	1	20N	20N	20N	20L	600
B ppm-S	141	20	100	40	0	37	64	0	20N	20L	20	50	50
Ba ppm-S	141	50	10000	97	0	16	7	21	50	200	2000	10000G	10000G
Be ppm-S	141	2	200	39	0	15	87	0	2N	2N	2	30	40
Bi ppm-S	141	50	2000	15	0	2	120	4	20N	20N	20N	2000	2000G
Cd ppm-S	141	---	---	0	0	0	141	0	---	---	---	---	---
Co ppm-S	141	20	70	21	0	16	104	0	20N	20N	20L	30	50
Cr ppm-S	141	20	2000	80	0	18	43	0	20N	20	100	700	850
Cu ppm-S	141	10	700	81	0	25	35	0	10L	10	30	150	180
Ga ppm-S	141	10	70	34	0	20	87	0	10N	10N	10L	30	50
Ge ppm-S	141	---	---	0	0	0	141	0	---	---	---	---	---
La ppm-S	141	100	2000	84	0	12	34	11	100L	150	500	2000G	2000G
Mn ppm-S	141	20	1000	137	0	4	0	0	50	70	200	700	850
Mo ppm-S	141	10	300	11	0	3	127	0	10N	10N	10N	20	40
Nb ppm-S	141	50	2000	42	0	22	77	0	50N	50N	50	300	850
Ni ppm-S	141	10	1000	87	0	16	38	0	10N	15	300	700	700
Pb ppm-S	141	20	5000	63	0	25	50	3	20N	20L	100	2000	3500
Sb ppm-S	141	300	3000	9	0	5	127	0	200N	200N	200N	700	1000
Sc ppm-S	141	10	150	36	0	14	89	2	10N	10N	10	50	100
Sn ppm-S	141	20	1500	29	0	4	108	0	20N	20N	20N	700	1000
Sr ppm-S	141	200	1000	37	0	19	85	0	200N	200N	200	700	1000
Th ppm-S	141	200	5000	30	0	8	99	4	200N	200N	200L	5000	5000G
V ppm-S	141	20	500	93	0	29	19	0	20L	30	70	100	150
W ppm-S	141	50	5000	31	0	6	104	0	50N	50N	50L	500	2000
Y ppm-S	141	20	5000	116	0	9	16	0	30	150	500	1500	3500
Zn ppm-S	141	700	700	1	0	0	140	0	500N	500N	500N	500N	500N
Zr ppm-S	141	20	2000	69	0	2	1	69	300	2000	2000G	2000G	2000G
Pd ppm-S	141	---	---	0	0	0	141	0	---	---	---	---	---
Pt ppm-S	141	---	---	0	0	0	141	0	---	---	---	---	---

Table 5. Basic statistics for magnetite samples collected from the Goshute Indian Reservation, NV and UT. [B, not analyzed; L, detected but below lower determination limit; N, not detected at lower determination limit; G, greater than upper determination limit; pct, percent; ppm, parts per million; -S, semiquantitative emission spectrography; Valid indicates number of samples not qualified by N, L, or G]

Element	Total	Minimum Value	Maximum Value	Valid	B	L	N	G	Percentiles 25th	50th	75th	95th	97.5th
Ca	pct-S	134	0.1	5	121	0	10	3	0	0.15	0.3	1	1.5	2
Fe	pct-S	134	20	50	46	0	0	0	88	50	50G	50G	50G	50G
Mg	pct-S	134	0.05	2	131	0	3	0	0	0.5	0.7	1	1.5	1.8
Na	pct-S	134	1	1	2	0	7	125	0	0.5N	0.5N	0.5N	0.5L	.5L
P	pct-S	134	---	---	0	0	0	134	0	---	---	---	---	---
Ti	pct-S	134	0.15	2	62	0	0	0	72	1	2 G	2G	2 G	2G
Ag	ppm-S	134	1	300	9	0	4	121	0	1N	1N	1N	1.3	2.5
As	ppm-S	134	500	1000	4	0	2	128	0	500N	500N	500N	500N	500
Au	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
B	ppm-S	134	20	150	14	0	14	106	0	20N	20N	20N	30	60
Ba	ppm-S	134	50	5000	116	0	12	6	0	150	300	500	1000	1300
Be	ppm-S	134	2	15	46	0	12	76	0	2N	2N	2	7	8.5
Bi	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
Cd	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
Co	ppm-S	134	20	2000	126	0	7	0	1	100	150	200	500	700
Cr	ppm-S	134	30	5000	133	0	1	0	0	200	700	1500	2000	3000
Cu	ppm-S	134	10	2000	121	0	8	5	0	100	150	200	500	1300
Ga	ppm-S	134	10	1000	111	0	7	16	0	50	100	200	500	500
Ge	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
La	ppm-S	134	150	1500	11	0	3	120	0	100N	100N	100N	700	850
Mn	ppm-S	134	100	10000	134	0	0	0	0	1500	2000	5000	7000	7000
Mo	ppm-S	134	10	50	44	0	25	65	0	10N	10L	10	20	20
Nb	ppm-S	134	50	100	12	0	46	76	0	50N	50N	50L	50	70
Ni	ppm-S	134	10	10000	129	0	3	2	0	70	200	500	1000	1000
Pb	ppm-S	134	20	1000	79	0	23	32	0	20L	20	50	130	180
Sb	ppm-S	134	200	1000	6	0	0	128	0	200N	200N	200N	200N	400
Sc	ppm-S	134	10	70	51	0	30	53	0	10N	10L	15	50	70
Sn	ppm-S	134	20	500	12	0	2	120	0	20N	20N	20N	40	150
Sr	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
Th	ppm-S	134	200	200	1	0	4	129	0	200N	200N	200N	200N	200L
V	ppm-S	134	70	2000	110	0	0	0	24	1000	1500	2000	20000G	20000G
W	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
Y	ppm-S	134	20	300	36	0	32	66	0	20N	20L	20	80	200
Zn	ppm-S	134	500	10000	117	0	5	12	0	700	1500	2000	3000	3000
Zr	ppm-S	134	30	2000	122	0	0	0	12	100	150	200	2000G	2000G
Pd	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---
Pt	ppm-S	134	---	---	0	0	0	134	0	---	---	---	---	---

Table 6. Basic statistics for rock samples collected from the Goshute Indian Reservation, NV and UT. [B, not analyzed; L, detected but below lower determination limit; N, not detected at lower determination limit; G, greater than upper determination limit; ppm, parts per million; pct, percent; -A, atomic absorption spectrophotometry; -G, graphite furnace atomic absorption spectrophotometry; -I, inductively coupled plasma-atomic emission spectrometry; -E, selective-ion electrode analysis; -S, semiquantitative emission spectrography; -H, hydride generation atomic absorption spectrophotometry; -V, visible spectrophotometry; Valid indicates number of samples not qualified by N, L, or G]

Element	Total	Minimum Value	Maximum Value	Valid	B	L	N	G	Percentiles 25th	50th	75th	95th	97.5th
Hg ppm-A	437	0.02	34	258	2	0	176	3	0.02N	0.03	0.32	3	7.8
Tl ppm-A	439	0.05	46	374	0	15	50	0	0.05	0.3	0.95	4.9	9.4
Au ppm-G	439	0.002	31	82	0	20	337	0	0.002N	0.002N	0.002N	0.10	0.15
Ag ppm-I	439	0.045	16000	184	0	0	255	0	0.045N	0.067N	0.14	16	89
As ppm-I	439	0.65	11000	359	0	0	80	0	1	6	75	540	1200
Au ppm-I	439	0.11	58	16	0	0	423	0	0.10N	0.15N	0.15N	1.5N	0.16
Bi ppm-I	439	0.61	98	22	0	1	416	0	0.60N	0.60N	0.67N	0.67N	1.3
Cd ppm-I	439	0.021	590	315	0	0	124	0	0.050N	0.081	0.23	2.7	29
Cu ppm-I	439	0.084	33000	436	0	0	2	1	1.7	4.3	11	290	4300
Mo ppm-I	439	0.066	270	393	0	0	46	0	0.2	0.67	2.2	15	33
Pb ppm-I	439	0.61	85000	413	0	0	26	0	2.5	6.8	19	110	26000
Sb ppm-I	439	0.60	28000	231	0	0	208	0	0.60N	0.75	13	220	2700
Zn ppm-I	439	0.083	86000	435	0	0	3	1	5.1	15	42	510	3200
F pct-E	253	0.01	0.12	174	186	79	0	0	0.01L	0.01	0.02	0.04	0.07
Ca pct-S	439	0.05	20	318	0	33	48	40	0.05	0.5	10	20G	20G
Fe pct-S	439	0.05	20	413	0	8	15	3	0.2	1	2	10	15
Mg pct-S	439	0.02	10	407	0	24	2	6	0.07	0.2	1	10	10
Na pct-S	439	0.2	5	81	0	13	344	1	0.2N	0.2N	0.2N	5	5
P pct-S	439	0.2	0.5	11	0	20	408	0	0.2N	0.2N	0.2N	0.2L	0.2
Ti pct-S	439	0.002	1	401	0	16	20	2	0.01	0.03	0.1	0.5	0.85
Ag ppm-S	439	0.5	5000	80	0	16	343	0	0.5N	0.5N	0.5N	13	130
As ppm-S	439	200	2000	33	0	20	386	0	200N	200N	200N	250	600
Au ppm-S	439	---	---	0	0	1	438	0	10N	10N	10N	10N	10N
B ppm-S	439	10	200	134	0	77	228	0	10N	10N	10	70	100
Ba ppm-S	439	20	5000	312	0	51	69	7	20L	70	300	2000	5000
Be ppm-S	439	1	50	78	0	55	304	2	1N	1N	1L	5	7
Bi ppm-S	439	10	70	6	0	9	424	0	10N	10N	10N	10N	10L
Cd ppm-S	439	20	70	9	0	1	429	0	20N	20N	20N	20N	20N
Co ppm-S	439	10	300	39	0	24	376	0	10N	10N	10N	15	20
Cr ppm-S	439	10	2000	87	0	60	292	0	10N	10N	10L	70	200

Table 6. Basic statistics for rock samples...(continued).

Element	Total	Minimum Value	Maximum Value	Valid	B	L	N	G	Percentiles 25th	50th	75th	95th	97.5th
Cu	ppm-S 439	5	10000	234	0	58	146	1	5N	5	10	200	2000
Ga	ppm-S 439	5	150	123	0	46	270	0	5N	5N	5	100	100
Ge	ppm-S 439	---	---	0	0	0	439	0	---	---	---	---	---
La	ppm-S 439	50	150	25	0	27	387	0	50N	50N	50N	50	50
Mn	ppm-S 439	10	5000	350	0	44	38	7	10	30	150	1000	5000
Mo	ppm-S 439	5	200	49	0	39	351	0	5N	5N	5N	10	20
Nb	ppm-S 439	20	50	9	0	25	405	0	20N	20N	20N	20L	20L
Ni	ppm-S 439	5	500	149	0	102	188	0	5N	5L	5	30	70
Pb	ppm-S 439	10	20000	135	0	37	263	4	10N	10N	15	700	10000
Sb	ppm-S 439	100	7000	27	0	9	403	0	100N	100N	100N	130	1000
Sc	ppm-S 439	5	30	32	0	31	376	0	5N	5N	5N	7	10
Sn	ppm-S 439	30	30	1	0	2	436	0	10N	10N	10N	10N	10N
Sr	ppm-S 439	100	5000	50	0	36	351	2	100N	100N	100N	150	180
Th	ppm-S 439	---	---	0	0	0	439	0	---	---	---	---	---
V	ppm-S 439	10	1500	239	0	76	124	0	10N	10	30	150	250
W	ppm-S 439	20	50	14	0	13	412	0	20N	20N	20N	20L	20
Y	ppm-S 439	10	70	50	0	37	352	0	10N	10N	10N	15	20
Zn	ppm-S 439	200	10000	28	0	10	397	4	200N	200N	200N	500	1800
Zr	ppm-S 439	10	1000	263	0	51	123	2	10N	15	70	200	500
Se	ppm-H 149	0.10	9.0	117	290	32	0	0	0.1	0.2	0.4	1.4	1.9
W	ppm-V 147	1.0	58	112	292	0	35	0	1	2	4	15	31

Table 7.--Sample description and analytical data for stream-sediment samples collected from the Goshute Indian Reservation, NV and UT.

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
1	0GS001S	39.76302	114.0055	39	45	47	114	0	20	UT	Juab	unconsolidated minus-30 mesh stream sediment
2	0GS002S	39.76252	114.0059	39	45	45	114	0	21	UT	Juab	unconsolidated minus-30 mesh stream sediment
3	0GS003S	39.75596	114.0283	39	45	21	114	1	42	UT	Juab	unconsolidated minus-30 mesh stream sediment
4	0GS004S	39.7586	114.0219	39	45	31	114	1	19	UT	Juab	unconsolidated minus-30 mesh stream sediment
5	0GS005S	39.76047	114.0144	39	45	38	114	0	52	UT	Juab	unconsolidated minus-30 mesh stream sediment
6	0GS006S	39.76462	114.0111	39	45	53	114	0	40	UT	Juab	unconsolidated minus-30 mesh stream sediment
7	0GS007S	39.77221	114.0126	39	46	20	114	0	45	UT	Juab	unconsolidated minus-30 mesh stream sediment
8	0GS008S	39.77409	114.0104	39	46	27	114	0	37	UT	Juab	unconsolidated minus-30 mesh stream sediment
9	0GS009S	39.77493	114.0126	39	46	30	114	0	45	UT	Juab	unconsolidated minus-30 mesh stream sediment
10	0GS010S	39.77852	114.0138	39	46	43	114	0	50	UT	Juab	unconsolidated minus-30 mesh stream sediment
11	0GS011S	39.78031	114.0124	39	46	49	114	0	45	UT	Juab	unconsolidated minus-30 mesh stream sediment
12	0GS012S	39.78068	114.0116	39	46	50	114	0	42	UT	Juab	unconsolidated minus-30 mesh stream sediment
13	0GS013S	39.78369	114.0129	39	47	1	114	0	46	UT	Juab	unconsolidated minus-30 mesh stream sediment
14	0GS014S	39.78434	114.0109	39	47	4	114	0	39	UT	Juab	unconsolidated minus-30 mesh stream sediment
15	0GS015S	39.78852	114.0109	39	47	19	114	0	39	UT	Juab	unconsolidated minus-30 mesh stream sediment
16	0GS016S	39.79124	114.0128	39	47	28	114	0	46	UT	Juab	unconsolidated minus-30 mesh stream sediment
17	0GS017S	39.79517	114.0119	39	47	43	114	0	43	UT	Juab	unconsolidated minus-30 mesh stream sediment
18	0GS018S	39.79597	114.0128	39	47	45	114	0	46	UT	Juab	unconsolidated minus-30 mesh stream sediment
19	0GS019S	39.80156	114.0102	39	48	6	114	0	37	UT	Juab	unconsolidated minus-30 mesh stream sediment
20	0GS020S	39.79863	114.0293	39	47	55	114	1	46	UT	Juab	unconsolidated minus-30 mesh stream sediment
21	0GS021S	39.79727	114.028	39	47	50	114	1	41	UT	Juab	unconsolidated minus-30 mesh stream sediment
22	0GS022S	39.80292	114.028	39	48	11	114	1	41	UT	Juab	unconsolidated minus-30 mesh stream sediment
23	0GS025S	39.80746	114.011	39	48	27	114	0	40	UT	Juab	unconsolidated minus-30 mesh stream sediment
24	0GS027S	39.81317	114.0138	39	48	47	114	0	49	UT	Juab	unconsolidated minus-30 mesh stream sediment
25	0GS028S	39.81589	114.0119	39	48	57	114	0	43	UT	Juab	unconsolidated minus-30 mesh stream sediment
26	0GS029S	39.82934	114.0194	39	49	46	114	1	10	UT	Juab	unconsolidated minus-30 mesh stream sediment
27	0GS030S	39.82635	114.0161	39	49	35	114	0	58	UT	Juab	unconsolidated minus-30 mesh stream sediment
28	0GS033S	39.81531	114.021	39	48	55	114	1	16	UT	Juab	unconsolidated minus-30 mesh stream sediment
29	0GS034S	39.83387	114.0158	39	50	2	114	0	57	UT	Juab	unconsolidated minus-30 mesh stream sediment
30	0GS035S	39.83694	114.0191	39	50	13	114	1	9	UT	Juab	unconsolidated minus-30 mesh stream sediment
31	0GS036S	39.8529	114.029	39	51	10	114	1	44	UT	Juab	unconsolidated minus-30 mesh stream sediment
32	0GS039S	39.84045	114.0414	39	50	26	114	2	29	UT	Juab	unconsolidated minus-30 mesh stream sediment
33	0GS040S	39.83915	114.0452	39	50	21	114	2	43	UT	Juab	unconsolidated minus-30 mesh stream sediment
34	0GS041S	39.83381	114.0494	39	50	2	114	2	58	NV	White Pine	unconsolidated minus-30 mesh stream sediment
35	0GS042S	39.81996	114.0536	39	49	12	114	3	13	NV	White Pine	unconsolidated minus-30 mesh stream sediment
36	0GS043S	39.8204	114.0546	39	49	13	114	3	17	NV	White Pine	unconsolidated minus-30 mesh stream sediment
37	0GS044S	39.82616	114.054	39	49	34	114	3	15	NV	White Pine	unconsolidated minus-30 mesh stream sediment
38	0GS045S	39.83245	114.0539	39	49	57	114	3	14	NV	White Pine	unconsolidated minus-30 mesh stream sediment
39	0GS046S	39.82151	114.0663	39	49	17	114	3	59	NV	White Pine	unconsolidated minus-30 mesh stream sediment
40	0GS047S	39.83124	114.0585	39	49	52	114	3	30	NV	White Pine	unconsolidated minus-30 mesh stream sediment

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
41	0GS048S	39.83555	114.0698	39	50	8	114	4	11	NV	White Pine	unconsolidated minus-30 mesh stream sediment
42	0GS049S	39.83442	114.0743	39	50	4	114	4	28	NV	White Pine	unconsolidated minus-30 mesh stream sediment
43	0GS050S	39.85124	114.0739	39	51	4	114	4	26	NV	White Pine	unconsolidated minus-30 mesh stream sediment
44	0GS051S	39.85266	114.084	39	51	10	114	5	2	NV	White Pine	unconsolidated minus-30 mesh stream sediment
45	0GS052S	39.82535	114.1187	39	49	31	114	7	7	NV	White Pine	unconsolidated minus-30 mesh stream sediment
46	0GS053S	39.8262	114.1181	39	49	34	114	7	5	NV	White Pine	unconsolidated minus-30 mesh stream sediment
47	0GS054S	39.82625	114.1211	39	49	34	114	7	16	NV	White Pine	unconsolidated minus-30 mesh stream sediment
48	0GS055S	39.83044	114.1196	39	49	50	114	7	11	NV	White Pine	unconsolidated minus-30 mesh stream sediment
49	0GS056S	39.83945	114.114	39	50	22	114	6	50	NV	White Pine	unconsolidated minus-30 mesh stream sediment
50	0GS058S	39.84196	114.1133	39	50	31	114	6	48	NV	White Pine	unconsolidated minus-30 mesh stream sediment
51	0GS059S	39.84015	114.1083	39	50	25	114	6	30	NV	White Pine	unconsolidated minus-30 mesh stream sediment
52	0GS060S	39.84598	114.0995	39	50	46	114	5	58	NV	White Pine	unconsolidated minus-30 mesh stream sediment
53	0GS061S	39.85076	114.1212	39	51	3	114	7	16	NV	White Pine	unconsolidated minus-30 mesh stream sediment
54	0GS062S	39.86068	114.1155	39	51	38	114	6	56	NV	White Pine	unconsolidated minus-30 mesh stream sediment
55	0GS064S	39.81376	114.1164	39	48	50	114	6	59	NV	White Pine	unconsolidated minus-30 mesh stream sediment
56	0GS065S	39.81338	114.117	39	48	48	114	7	1	NV	White Pine	unconsolidated minus-30 mesh stream sediment
57	0GS066S	39.80936	114.1195	39	48	34	114	7	10	NV	White Pine	unconsolidated minus-30 mesh stream sediment
58	0GS067S	39.80563	114.1209	39	48	20	114	7	15	NV	White Pine	unconsolidated minus-30 mesh stream sediment
59	0GS068S	39.80539	114.1185	39	48	19	114	7	6	NV	White Pine	unconsolidated minus-30 mesh stream sediment
60	0GS069S	39.79607	114.1197	39	47	46	114	7	11	NV	White Pine	unconsolidated minus-30 mesh stream sediment
61	0GS070S	39.79317	114.12	39	47	35	114	7	12	NV	White Pine	unconsolidated minus-30 mesh stream sediment
62	0GS071S	39.79087	114.1166	39	47	27	114	6	60	NV	White Pine	unconsolidated minus-30 mesh stream sediment
63	0GS072S	39.79229	114.1077	39	47	32	114	6	28	NV	White Pine	unconsolidated minus-30 mesh stream sediment
64	0GS073S	39.79088	114.1051	39	47	27	114	6	18	NV	White Pine	unconsolidated minus-30 mesh stream sediment
65	0GS074S	39.79192	114.1025	39	47	31	114	6	9	NV	White Pine	unconsolidated minus-30 mesh stream sediment
66	0GS075S	39.79736	114.0955	39	47	50	114	5	44	NV	White Pine	unconsolidated minus-30 mesh stream sediment
67	0GS076S	39.79966	114.0961	39	47	59	114	5	46	NV	White Pine	unconsolidated minus-30 mesh stream sediment
68	0GS077S	39.8027	114.0877	39	48	10	114	5	16	NV	White Pine	unconsolidated minus-30 mesh stream sediment
69	0GS078S	39.80445	114.0924	39	48	16	114	5	33	NV	White Pine	unconsolidated minus-30 mesh stream sediment
70	0GS079S	39.78079	114.0719	39	46	51	114	4	19	NV	White Pine	unconsolidated minus-30 mesh stream sediment
71	0GS080S	39.77795	114.0741	39	46	41	114	4	27	NV	White Pine	unconsolidated minus-30 mesh stream sediment
72	0GS081S	39.78156	114.0873	39	46	54	114	5	14	NV	White Pine	unconsolidated minus-30 mesh stream sediment
73	0GS082S	39.78179	114.0885	39	46	54	114	5	18	NV	White Pine	unconsolidated minus-30 mesh stream sediment
74	0GS083S	39.77841	114.1009	39	46	42	114	6	3	NV	White Pine	unconsolidated minus-30 mesh stream sediment
75	0GS084S	39.77318	114.1138	39	46	23	114	6	50	NV	White Pine	unconsolidated minus-30 mesh stream sediment
76	0GS085S	39.77327	114.1218	39	46	24	114	7	18	NV	White Pine	unconsolidated minus-30 mesh stream sediment
77	0GS086S	39.78403	114.1343	39	47	3	114	8	3	NV	White Pine	unconsolidated minus-30 mesh stream sediment
78	0GS087S	39.78895	114.129	39	47	20	114	7	44	NV	White Pine	unconsolidated minus-30 mesh stream sediment
79	0GS088S	39.82408	113.9713	39	49	27	113	58	17	UT	Juab	unconsolidated minus-30 mesh stream sediment
80	0GS089S	39.82301	113.972	39	49	23	113	58	19	UT	Juab	unconsolidated minus-30 mesh stream sediment

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
81	0GS090S	39.80916	113.9787	39	48	33	113	58	43	UT	Juab	unconsolidated minus-30 mesh stream sediment
82	0GS091S	39.81082	113.9823	39	48	39	113	58	56	UT	Juab	unconsolidated minus-30 mesh stream sediment
83	0GS092S	39.81478	113.971	39	48	53	113	58	15	UT	Juab	unconsolidated minus-30 mesh stream sediment
84	0GS094S	39.80945	113.9697	39	48	34	113	58	11	UT	Juab	unconsolidated minus-30 mesh stream sediment
85	0GS095S	39.81159	113.9697	39	48	42	113	58	11	UT	Juab	unconsolidated minus-30 mesh stream sediment
86	0GS096S	39.83333	113.9631	39	50	0	113	57	47	UT	Juab	unconsolidated minus-30 mesh stream sediment
87	0GS097S	39.83682	113.9617	39	50	13	113	57	42	UT	Juab	unconsolidated minus-30 mesh stream sediment
88	0GS098S	39.84676	113.956	39	50	48	113	57	21	UT	Juab	unconsolidated minus-30 mesh stream sediment
89	0GS099S	39.95757	114.1119	39	57	27	114	6	43	NV	White Pine	unconsolidated minus-30 mesh stream sediment
90	0GS100S	39.97411	114.1177	39	58	27	114	7	4	NV	White Pine	unconsolidated minus-30 mesh stream sediment
91	0GS102S	39.90858	114.184	39	54	31	114	11	3	NV	White Pine	unconsolidated minus-30 mesh stream sediment
92	0GS103S	39.90985	114.1687	39	54	35	114	10	7	NV	White Pine	unconsolidated minus-30 mesh stream sediment
93	0GS104S	39.89764	114.184	39	53	52	114	11	2	NV	White Pine	unconsolidated minus-30 mesh stream sediment
94	0GS105S	39.88619	114.1835	39	53	10	114	11	1	NV	White Pine	unconsolidated minus-30 mesh stream sediment
95	0GS106S	39.89259	114.1676	39	53	33	114	10	3	NV	White Pine	unconsolidated minus-30 mesh stream sediment
96	0GS107S	39.90017	114.1627	39	54	1	114	9	46	NV	White Pine	unconsolidated minus-30 mesh stream sediment
97	0GS108S	39.85608	114.2088	39	51	22	114	12	32	NV	White Pine	unconsolidated minus-30 mesh stream sediment
98	0GS109S	39.86916	114.2118	39	52	9	114	12	42	NV	White Pine	unconsolidated minus-30 mesh stream sediment
99	0GS110S	39.87209	114.1993	39	52	20	114	11	57	NV	White Pine	unconsolidated minus-30 mesh stream sediment
100	0GS111S	39.86551	114.1917	39	51	56	114	11	30	NV	White Pine	unconsolidated minus-30 mesh stream sediment
101	0GS112S	39.86649	114.1879	39	51	59	114	11	16	NV	White Pine	unconsolidated minus-30 mesh stream sediment
102	0GS113S	39.87841	114.1889	39	52	42	114	11	20	NV	White Pine	unconsolidated minus-30 mesh stream sediment
103	0GS114S	39.87777	114.1627	39	52	40	114	9	46	NV	White Pine	unconsolidated minus-30 mesh stream sediment
104	0GS115S	39.85523	113.9474	39	51	19	113	56	51	UT	Juab	unconsolidated minus-30 mesh stream sediment
105	0GS116S	39.86151	113.9469	39	51	41	113	56	49	UT	Juab	unconsolidated minus-30 mesh stream sediment
106	0GS118S	39.87191	113.9485	39	52	19	113	56	54	UT	Juab	unconsolidated minus-30 mesh stream sediment
107	0GS119S	39.87979	113.9536	39	52	47	113	57	13	UT	Juab	unconsolidated minus-30 mesh stream sediment
108	0GS120S	39.74484	114.0532	39	44	41	114	3	12	NV	White Pine	unconsolidated minus-30 mesh stream sediment
109	0GS121S	39.73757	114.0541	39	44	15	114	3	15	NV	White Pine	unconsolidated minus-30 mesh stream sediment
110	0GS122S	39.72731	114.0527	39	43	38	114	3	10	NV	White Pine	unconsolidated minus-30 mesh stream sediment
111	0GS123S	39.73278	114.0187	39	43	58	114	1	7	UT	Juab	unconsolidated minus-30 mesh stream sediment
112	0GS124S	39.73132	114.0177	39	43	53	114	1	4	UT	Juab	unconsolidated minus-30 mesh stream sediment
113	0GS126S	39.9065	113.9421	39	54	23	113	56	31	UT	Tooele	unconsolidated minus-30 mesh stream sediment
114	0GS127S	39.90207	113.936	39	54	7	113	56	10	UT	Juab	unconsolidated minus-30 mesh stream sediment
115	0GS128S	39.89723	113.9301	39	53	50	113	55	48	UT	Juab	unconsolidated minus-30 mesh stream sediment
116	0GS129S	39.89625	113.9302	39	53	47	113	55	49	UT	Juab	unconsolidated minus-30 mesh stream sediment
117	0GS131S	39.90043	113.9385	39	54	2	113	56	19	UT	Juab	unconsolidated minus-30 mesh stream sediment
118	0GS133S	39.89263	113.9447	39	53	33	113	56	41	UT	Juab	unconsolidated minus-30 mesh stream sediment
119	0GS135S	39.70792	113.9401	39	42	29	113	56	24	UT	Juab	unconsolidated minus-30 mesh stream sediment
120	0GS136S	39.72108	113.9077	39	43	16	113	54	28	UT	Juab	unconsolidated minus-30 mesh stream sediment

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
121	0GS137S	39.68256	113.9878	39	40	57	113	59	16	UT	Juab	unconsolidated minus-30 mesh stream sediment
122	0GS138S	39.69194	113.9654	39	41	31	113	57	55	UT	Juab	unconsolidated minus-30 mesh stream sediment
123	1GS201S	39.89259	114.1676	39	53	33	114	10	3	NV	White Pine	unconsolidated minus-30 mesh stream sediment
124	1GS208S	39.89829	114.1658	39	53	54	114	9	57	NV	White Pine	unconsolidated minus-30 mesh stream sediment
125	1GS209S	39.90054	114.1752	39	54	2	114	10	31	NV	White Pine	unconsolidated minus-30 mesh stream sediment
126	1GS210S	39.90551	114.1727	39	54	20	114	10	22	NV	White Pine	unconsolidated minus-30 mesh stream sediment
127	1GS211S	39.90684	114.1628	39	54	25	114	9	46	NV	White Pine	unconsolidated minus-30 mesh stream sediment
128	1GS212S	39.8929	114.1819	39	53	34	114	10	55	NV	White Pine	unconsolidated minus-30 mesh stream sediment
129	2GS311S	39.7655	114.0183	39	45	56	114	1	6	UT	Juab	unconsolidated minus-30 mesh stream sediment

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
1	0GS001S	composite	drainage	0.02	0.25	< 0.002	N 0.045	13	N 0.15	N 0.60	0.15	8.3	0.38	15	1.5	28
2	0GS002S	composite	drainage	0.02	0.2	< 0.002	N 0.045	2.3	N 0.15	N 0.60	0.13	7.4	0.53	14	0.61	22
3	0GS003S	composite	drainage	0.04	0.4	N 0.002	N 0.045	7	N 0.15	N 0.60	0.27	16	0.73	26	1.5	42
4	0GS004S	composite	drainage	0.04	0.4	N 0.002	N 0.045	10	N 0.15	N 0.60	0.34	18	0.75	31	2.7	50
5	0GS005S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	8.3	N 0.15	N 0.60	0.19	15	0.58	22	1.8	53
6	0GS006S	composite	drainage	N 0.02	0.55	N 0.002	N 0.045	3.6	N 0.15	N 0.60	0.11	8.1	0.32	19	N 0.60	30
7	0GS007S	composite	drainage	N 0.02	0.45	N 0.002	N 0.045	3.9	N 0.15	N 0.60	0.063	7.1	0.32	17	N 0.60	25
8	0GS008S	composite	drainage	0.06	0.5	N 0.002	N 0.045	1.2	N 0.15	N 0.60	0.046	10	0.24	15	N 0.60	43
9	0GS009S	composite	drainage	0.02	0.2	N 0.002	N 0.045	16	N 0.15	N 0.60	0.15	9.7	0.71	19	2	31
10	0GS010S	composite	drainage	0.02	0.25	< 0.002	N 0.045	7.8	N 0.15	N 0.60	0.14	8.9	0.56	16	1.1	23
11	0GS011S	composite	drainage	0.04	0.6	N 0.002	0.13	16	N 0.15	N 0.60	0.42	26	1.3	62	2.6	90
12	0GS012S	composite	drainage	0.02	0.4	N 0.002	0.047	11	N 0.15	N 0.60	0.26	17	0.85	29	2	58
13	0GS013S	composite	drainage	0.04	0.3	< 0.002	N 0.045	9.1	N 0.15	N 0.60	0.31	14	0.76	25	1.2	50
14	0GS014S	composite	drainage	0.02	0.4	N 0.002	N 0.045	6.5	N 0.15	N 0.60	0.34	14	0.55	37	0.72	46
15	0GS015S	composite	drainage	0.02	0.4	N 0.002	N 0.045	6.4	N 0.15	N 0.60	0.29	14	0.51	35	0.89	43
16	0GS016S	composite	drainage	0.02	0.25	N 0.002	N 0.045	13	N 0.15	N 0.60	0.27	15	0.96	30	1.5	41
17	0GS017S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	9.1	N 0.15	N 0.60	0.15	12	0.55	24	1.1	44
18	0GS018S	composite	drainage	0.02	0.35	N 0.002	N 0.045	8.1	N 0.15	N 0.60	0.17	11	0.68	18	0.95	29
19	0GS019S	composite	drainage	N 0.02	0.45	N 0.002	N 0.045	6.9	N 0.15	N 0.60	0.13	8.6	0.42	27	N 0.60	32
20	0GS020S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	5.5	N 0.15	N 0.60	0.13	11	0.68	17	N 0.60	26
21	0GS021S	composite	drainage	0.02	0.2	N 0.002	N 0.045	7.2	N 0.15	N 0.60	0.15	12	0.6	19	1	28
22	0GS022S	composite	drainage	N 0.02	0.65	N 0.002	0.08	30	N 0.15	N 0.60	0.31	18	1.1	26	3	55
23	0GS025S	composite	drainage	N 0.02	0.45	0.002	0.11	16	N 0.15	N 0.60	0.26	12	0.49	32	1.1	47
24	0GS027S	composite	drainage	0.04	0.5	N 0.002	0.49	35	N 0.15	N 0.60	0.35	21	1.3	110	7.4	68
25	0GS028S	composite	drainage	N 0.02	0.4	N 0.002	0.05	8.6	N 0.15	N 0.60	0.15	11	0.54	31	1.5	36
26	0GS029S	composite	drainage	0.06	0.9	N 0.002	N 0.045	34	N 0.15	N 0.60	0.21	13	0.98	21	7.6	32
27	0GS030S	composite	drainage	0.04	0.9	N 0.002	N 0.045	27	N 0.15	N 0.60	0.24	13	1.3	20	5.2	31
28	0GS033S	composite	drainage	0.06	0.65	N 0.002	3.6	48	N 0.15	N 0.60	0.43	26	1.3	98	15	62
29	0GS034S	composite	drainage	0.02	0.7	N 0.002	N 0.045	17	N 0.15	N 0.60	0.28	13	0.8	23	2.5	38
30	0GS035S	composite	drainage	N 0.02	0.7	N 0.002	N 0.045	11	N 0.15	N 0.60	0.27	11	0.76	17	1.1	41
31	0GS036S	composite	drainage	0.02	0.5	N 0.002	0.18	6.8	N 0.15	N 0.60	0.28	14	0.88	21	1.7	46
32	0GS039S	composite	drainage	0.02	0.35	N 0.002	N 0.045	4.1	N 0.15	N 0.60	0.29	15	0.83	26	1.1	43
33	0GS040S	composite	drainage	N 0.02	0.35	N 0.002	N 0.045	4.3	N 0.15	N 0.60	0.27	13	0.83	22	1	41
34	0GS041S	composite	drainage	0.04	0.35	N 0.002	N 0.045	6.7	N 0.15	N 0.60	0.32	17	0.82	28	1.4	43
35	0GS042S	composite	drainage	0.04	0.65	N 0.002	N 0.045	22	N 0.15	N 0.60	0.22	14	0.9	20	2.4	39
36	0GS043S	composite	drainage	0.04	1.3	N 0.002	N 0.045	20	N 0.15	N 0.60	0.16	8.7	0.7	13	3.4	27
37	0GS044S	composite	drainage	0.02	0.4	N 0.002	N 0.045	7.3	N 0.15	N 0.60	0.17	9.6	0.93	16	1.5	24
38	0GS045S	composite	drainage	0.02	0.55	N 0.002	N 0.045	8.6	N 0.15	N 0.60	0.22	12	0.67	19	1.4	31
39	0GS046S	composite	drainage	0.04	0.65	N 0.002	N 0.045	15	N 0.15	N 0.60	0.33	15	1.1	22	2.3	47
40	0GS047S	composite	drainage	0.02	0.5	N 0.002	0.057	12	N 0.15	N 0.60	0.45	14	1.1	23	1.8	52

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
41	0GS048S	composite	drainage	N 0.02	0.7	< 0.002	0.071	16	N 0.15	N 0.60	0.47	14	1.6	20	3.4	59
42	0GS049S	composite	drainage	0.04	0.75	N 0.002	0.079	16	N 0.15	N 0.60	0.57	14	2.1	17	2.8	64
43	0GS050S	composite	drainage	0.02	0.7	N 0.002	N 0.045	9.1	N 0.15	N 0.60	0.29	13	0.74	22	1.9	39
44	0GS051S	composite	drainage	0.04	0.7	N 0.002	0.048	14	N 0.15	N 0.60	0.38	19	1	27	2.3	50
45	0GS052S	composite	drainage	0.04	0.35	N 0.002	0.35	6.7	N 0.15	N 0.60	1.1	19	3.1	19	1.6	110
46	0GS053S	composite	drainage	0.02	0.65	N 0.002	0.081	17	N 0.15	N 0.60	0.6	17	3.4	20	2.2	78
47	0GS054S	composite	drainage	N 0.02	0.25	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.06	3.3	0.28	6.4	N 0.60	15
48	0GS055S	composite	drainage	0.04	0.6	N 0.002	0.77	10	N 0.15	N 0.60	1.9	27	4.1	23	1.8	200
49	0GS056S	composite	drainage	0.02	0.8	N 0.002	N 0.045	20	N 0.15	N 0.60	0.47	14	4.2	22	2.1	57
50	0GS058S	composite	drainage	0.02	0.8	N 0.002	0.058	17	N 0.15	N 0.60	0.53	19	1.3	26	2.7	58
51	0GS059S	composite	drainage	0.12	0.8	< 0.002	0.05	12	N 0.15	N 0.60	0.42	19	0.92	29	2.5	49
52	0GS060S	composite	drainage	0.06	0.65	N 0.002	N 0.045	10	N 0.15	N 0.60	0.31	15	0.91	26	2.2	40
53	0GS061S	composite	drainage	N 0.02	0.35	N 0.002	N 0.045	2.7	N 0.15	N 0.60	0.56	10	0.65	18	N 0.60	49
54	0GS062S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	2.5	N 0.15	N 0.60	0.56	16	0.65	25	N 0.60	46
55	0GS064S	composite	drainage	0.06	1	N 0.002	0.092	15	N 0.15	N 0.60	0.72	16	3.2	20	3.8	74
56	0GS065S	composite	drainage	0.02	0.4	N 0.002	0.31	9	N 0.15	N 0.60	1.1	19	3.3	19	1.5	110
57	0GS066S	composite	drainage	0.04	0.35	N 0.002	0.63	10	N 0.15	N 0.60	0.92	30	4	19	1.6	180
58	0GS067S	composite	drainage	0.02	0.35	N 0.002	0.27	7.9	N 0.15	N 0.60	0.53	18	2.6	20	1.1	100
59	0GS068S	composite	drainage	0.04	0.4	N 0.002	0.47	10	N 0.15	N 0.60	0.99	33	4.9	21	1.9	190
60	0GS069S	composite	drainage	0.02	0.3	N 0.002	0.22	10	N 0.15	N 0.60	0.84	18	3.7	21	1.4	110
61	0GS070S	composite	drainage	N 0.02	0.4	N 0.002	0.2	6.8	N 0.15	N 0.60	0.8	16	2.2	19	1.4	99
62	0GS071S	composite	drainage	N 0.02	0.35	N 0.002	0.21	8.5	N 0.15	N 0.60	2	15	2.3	26	1.2	120
63	0GS072S	composite	drainage	N 0.02	0.4	N 0.002	0.21	8.6	N 0.15	N 0.60	2.5	14	6.4	25	1.7	130
64	0GS073S	composite	drainage	0.02	0.4	N 0.002	0.15	16	N 0.15	N 0.60	0.74	18	2.8	22	1.3	99
65	0GS074S	composite	drainage	N 0.02	0.55	N 0.002	0.065	29	N 0.15	N 0.60	0.65	15	2.7	24	1.5	88
66	0GS075S	composite	drainage	0.04	0.4	N 0.002	0.13	14	N 0.15	N 0.60	0.6	22	2.8	27	2	100
67	0GS076S	composite	drainage	0.04	0.6	N 0.002	0.22	12	N 0.15	N 0.60	0.8	27	3.6	22	2.2	150
68	0GS077S	composite	drainage	0.04	0.3	N 0.002	0.2	15	N 0.15	N 0.60	0.49	22	3	29	1.4	98
69	0GS078S	composite	drainage	0.04	0.65	N 0.002	0.26	11	N 0.15	N 0.60	0.85	19	2.7	20	1.3	86
70	0GS079S	composite	drainage	N 0.02	0.35	N 0.002	N 0.045	4.7	N 0.15	N 0.60	0.3	8.8	0.79	14	0.69	31
71	0GS080S	composite	drainage	N 0.02	0.25	N 0.002	N 0.045	1.6	N 0.15	N 0.60	0.065	9.1	0.32	15	N 0.60	18
72	0GS081S	composite	drainage	0.02	0.65	N 0.002	0.14	15	N 0.15	N 0.60	0.75	21	3.3	22	2	100
73	0GS082S	composite	drainage	0.02	0.9	N 0.002	0.047	17	N 0.15	N 0.60	0.48	18	2.2	24	2.9	72
74	0GS083S	composite	drainage	0.02	0.75	N 0.002	0.054	17	N 0.15	N 0.60	0.37	19	2.3	21	1.5	62
75	0GS084S	composite	drainage	0.02	0.35	N 0.002	0.24	10	N 0.15	N 0.60	0.87	26	4.3	21	1.6	160
76	0GS085S	composite	drainage	0.02	0.25	N 0.002	0.1	9.7	N 0.15	N 0.60	1.1	15	3	21	1.2	110
77	0GS086S	composite	drainage	0.02	0.35	N 0.002	N 0.045	2.5	N 0.15	N 0.60	0.61	15	0.62	22	0.79	67
78	0GS087S	composite	drainage	N 0.02	0.3	N 0.002	N 0.045	1.6	N 0.15	N 0.60	0.48	11	0.6	20	0.91	51
79	0GS088S	composite	drainage	0.02	1.1	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.34	8.1	0.51	67	N 0.60	93
80	0GS089S	composite	drainage	1.5	0.8	1.9	0.19	6.4	0.34	N 0.60	0.094	7.7	0.46	91	0.96	57

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
81	0GS090S	composite	drainage	N 0.02	0.65	0.006	N 0.045	1.5	N 0.15	N 0.60	0.13	5	0.28	20	N 0.60	38
82	0GS091S	composite	drainage	0.02	0.45	N 0.002	0.049	6.7	N 0.15	N 0.60	0.66	22	1.1	49	1.4	77
83	0GS092S	composite	drainage	N 0.02	0.6	0.65	2.6	2.5	7.7	N 0.60	0.047	5.8	0.62	32	N 0.60	44
84	0GS094S	composite	drainage	N 0.02	0.55	0.002	0.21	3.6	N 0.15	N 0.60	0.1	11	0.66	21	N 0.60	67
85	0GS095S	composite	drainage	N 0.02	0.75	N 0.002	N 0.045	2.1	N 0.15	N 0.60	0.077	7.3	0.78	18	N 0.60	51
86	0GS096S	composite	drainage	N 0.02	0.9	N 0.002	N 0.045	N 0.60	N 0.15	3.4	0.065	1.3	0.29	22	N 0.60	34
87	0GS097S	composite	drainage	N 0.02	1.2	N 0.002	N 0.045	N 0.60	N 0.15	2	N 0.030	0.51	0.22	12	N 0.60	25
88	0GS098S	composite	drainage	N 0.02	1.4	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.41	0.14	9.9	N 0.60	21
89	0GS099S	composite	drainage	N 0.02	0.6	< 0.002	N 0.045	5.6	N 0.15	N 0.60	0.27	8.8	0.79	15	N 0.60	37
90	0GS100S	composite	drainage	N 0.02	0.5	N 0.002	N 0.045	3.3	N 0.15	N 0.60	0.12	8.2	0.71	13	N 0.60	31
91	0GS102S	composite	drainage	0.02	0.5	N 0.002	N 0.045	4.1	N 0.15	N 0.60	0.31	17	0.71	21	0.84	52
92	0GS103S	composite	drainage	0.02	0.55	N 0.002	N 0.045	3.9	N 0.15	N 0.60	0.32	19	0.71	27	0.83	45
93	0GS104S	composite	drainage	0.02	0.55	N 0.002	N 0.045	3.1	N 0.15	N 0.60	0.27	14	0.9	28	0.77	48
94	0GS105S	composite	drainage	N 0.02	0.55	N 0.002	N 0.045	3.5	N 0.15	N 0.60	0.22	11	0.75	22	0.77	43
95	0GS106S	composite	drainage	0.02	0.6	< 0.002	N 0.045	3.4	N 0.15	N 0.60	0.29	17	0.9	29	0.62	49
96	0GS107S	composite	drainage	N 0.02	0.55	N 0.002	N 0.045	3.2	N 0.15	N 0.60	0.26	16	0.82	28	N 0.60	44
97	0GS108S	composite	drainage	0.02	0.45	< 0.002	N 0.045	1.3	N 0.15	N 0.60	0.32	19	0.88	32	N 0.60	48
98	0GS109S	composite	drainage	0.02	0.35	N 0.002	N 0.045	1.8	N 0.15	N 0.60	0.36	17	0.81	27	1	53
99	0GS110S	composite	drainage	N 0.02	0.45	N 0.002	N 0.045	1.3	N 0.15	N 0.60	0.32	18	0.92	29	0.77	50
100	0GS111S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.33	13	0.98	34	0.77	44
101	0GS112S	composite	drainage	N 0.02	0.35	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.24	13	1.1	25	N 0.60	42
102	0GS113S	composite	drainage	N 0.02	0.35	N 0.002	N 0.045	0.82	N 0.15	N 0.60	0.3	15	0.87	28	0.9	47
103	0GS114S	composite	drainage	0.02	0.45	N 0.002	N 0.045	1.1	N 0.15	N 0.60	0.33	17	0.89	30	0.86	50
104	0GS115S	composite	drainage	N 0.02	1.25	N 0.002	N 0.045	N 0.60	N 0.15	2.7	N 0.030	0.94	0.32	11	N 0.60	16
105	0GS116S	composite	drainage	N 0.02	1	N 0.002	N 0.045	N 0.60	N 0.15	3.1	0.037	0.93	0.48	11	N 0.60	17
106	0GS118S	composite	drainage	N 0.02	0.85	N 0.002	N 0.045	N 0.60	N 0.15	1.4	0.061	1.6	0.27	16	N 0.60	32
107	0GS119S	composite	drainage	N 0.02	0.75	N 0.002	N 0.045	N 0.60	N 0.15	2.3	N 0.030	1.5	0.13	8.2	N 0.60	26
108	0GS120S	composite	drainage	0.02	0.25	N 0.002	N 0.045	4.7	N 0.15	N 0.60	0.27	13	0.66	23	1.3	38
109	0GS121S	composite	drainage	0.02	0.25	N 0.002	N 0.045	4.1	N 0.15	N 0.60	0.15	18	0.62	27	1	47
110	0GS122S	composite	drainage	0.02	0.35	< 0.002	N 0.045	5.8	N 0.15	N 0.60	0.39	20	0.79	41	1.4	66
111	0GS123S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	2.6	N 0.15	N 0.60	0.15	19	0.46	28	N 0.60	49
112	0GS124S	composite	drainage	N 0.02	0.4	N 0.002	N 0.045	2.4	N 0.15	N 0.60	0.16	18	0.47	27	N 0.60	49
113	0GS126S	composite	drainage	N 0.02	0.5	N 0.002	N 0.045	2.8	N 0.15	0.64	0.14	20	0.98	19	N 0.60	57
114	0GS127S	composite	drainage	N 0.02	0.5	0.002	0.16	5.3	N 0.15	N 0.60	0.19	18	0.89	21	N 0.60	75
115	0GS128S	composite	drainage	N 0.02	0.7	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.041	1.6	0.17	13	N 0.60	52
116	0GS129S	composite	drainage	N 0.02	0.6	N 0.002	N 0.045	N 0.60	N 0.15	0.76	0.038	1.4	0.2	12	N 0.60	45
117	0GS131S	composite	drainage	N 0.02	0.65	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.036	1.6	0.21	14	N 0.60	42
118	0GS133S	composite	drainage	N 0.02	0.6	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.051	2.2	0.17	13	N 0.60	53
119	0GS135S	composite	drainage	N 0.02	0.5	N 0.002	N 0.045	1.5	N 0.15	N 0.60	0.15	17	0.67	22	N 0.60	45
120	0GS136S	composite	drainage	N 0.02	0.3	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.061	8.3	0.47	11	N 0.60	31

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
121	0GS137S	composite	drainage	N 0.02	0.25	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.14	11	0.5	15	N 0.60	27
122	0GS138S	composite	drainage	N 0.02	0.45	N 0.002	N 0.045	N 0.60	N 0.15	1.3	0.062	16	0.35	11	N 0.60	34
123	1GS201S	composite	drainage	0.02	0.55	N 0.002	0.074	4.1	N 0.10	N 0.67	0.33	17	0.94	16	1.3	56
124	1GS208S	composite	drainage	0.02	0.75	N 0.002	0.086	3.9	N 0.10	N 0.67	0.31	18	0.94	15	1.2	58
125	1GS209S	composite	drainage	0.02	0.65	N 0.002	0.1	3.4	N 0.10	N 0.67	0.34	17	1.1	19	1.1	54
126	1GS210S	composite	drainage	0.02	0.55	N 0.002	N 0.067	4.2	N 0.10	N 0.67	0.31	20	0.84	13	1.4	59
127	1GS211S	composite	drainage	0.04	0.4	N 0.002	0.074	3.5	N 0.10	N 0.67	0.29	16	0.66	14	1.3	48
128	1GS212S	composite	drainage	N 0.02	0.55	N 0.002	0.074	4.4	N 0.10	N 0.67	0.31	16	0.85	13	1	60
129	2GS311S	composite	drainage	0.02	0.4	0.002	N 0.067	11	N 0.10	N 0.67	0.23	13	0.49	16	N 0.67	24

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S
1	0GS001S	0.04	0.05	2	0.7	0.2	N 0.2	0.3	N 0.5	N 200	N 10	30	700	< 1	N 10	N 20	< 10	15
2	0GS002S	0.02	0.05	3	0.7	0.5	N 0.2	0.5	N 0.5	N 200	N 10	50	500	2	N 10	N 20	< 10	15
3	0GS003S	0.05	> 20	3	10	0.7	N 0.2	0.3	N 0.5	N 200	N 10	50	300	1	N 10	N 20	< 10	20
4	0GS004S	0.05	20	2	10	1	N 0.2	0.15	N 0.5	N 200	N 10	50	200	N	N 10	N 20	< 10	30
5	0GS005S	0.04	1	5	1.5	1	N 0.2	0.7	N 0.5	N 200	N 10	50	1000	5	N 10	N 20	15	30
6	0GS006S	0.02	7	3	5	1.5	N 0.2	0.5	N 0.5	N 200	N 10	20	700	1.5	N 10	N 20	10	50
7	0GS007S	0.01	15	1.5	10	1	N 0.2	0.2	N 0.5	N 200	N 10	30	300	< 1	N 10	N 20	N 10	15
8	0GS008S	0.01	20	1.5	> 10	0.7	N 0.2	0.2	N 0.5	N 200	N 10	20	300	< 1	N 10	N 20	N 10	10
9	0GS009S	0.02	7	5	3	1	N 0.2	0.3	N 0.5	N 200	N 10	30	700	1	N 10	N 20	< 10	20
10	0GS010S	0.03	7	5	2	1.5	N 0.2	0.5	N 0.5	N 200	N 10	15	700	1.5	N 10	N 20	< 10	20
11	0GS011S	0.03	5	3	3	1	N 0.2	0.7	N 0.5	N 200	N 10	20	500	1	N 10	N 20	< 10	20
12	0GS012S	0.04	0.15	2	0.5	0.5	N 0.2	0.5	0.5	N 200	N 10	10	500	< 1	N 10	N 20	N 10	15
13	0GS013S	0.04	10	2	3	1.5	N 0.2	0.7	N 0.5	N 200	N 10	20	700	1.5	N 10	N 20	< 10	20
14	0GS014S	0.02	1.5	2	1.5	0.7	N 0.2	0.7	N 0.5	N 200	N 10	< 10	500	N	N 10	N 20	10	15
15	0GS015S	0.02	2	1.5	2	1	N 0.2	0.5	N 0.5	N 200	N 10	< 10	500	< 1	N 10	N 20	< 10	15
16	0GS016S	0.03	15	2	5	1	N 0.2	0.3	N 0.5	N 200	N 10	10	300	< 1	N 10	N 20	< 10	10
17	0GS017S	0.02	10	3	3	0.5	N 0.2	0.7	N 0.5	N 200	N 10	70	1000	3	N 10	N 20	< 10	15
18	0GS018S	0.02	10	2	5	0.7	N 0.2	0.2	N 0.5	N 200	N 10	50	300	N 1	N 10	N 20	N 10	20
19	0GS019S	0.01	0.2	3	1	0.5	N 0.2	0.5	N 0.5	N 200	N 10	10	700	1	N 10	N 20	N 10	15
20	0GS020S	0.03	5	2	3	0.3	N 0.2	0.2	N 0.5	N 200	N 10	70	200	N 1	N 10	N 20	N 10	20
21	0GS021S	0.03	10	2	7	0.7	N 0.2	0.2	N 0.5	N 200	N 10	70	300	1	N 10	N 20	N 10	20
22	0GS022S	0.04	7	3	3	1.5	N 0.2	0.5	N 0.5	N 200	N 10	70	1000	1.5	N 10	N 20	< 10	30
23	0GS025S	0.02	0.5	2	1	1	N 0.2	0.3	N 0.5	N 200	N 10	50	700	< 1	N 10	N 20	10	20
24	0GS027S	0.03	20	3	5	2	N 0.2	0.3	1	N 200	N 10	10	500	N 1	N 10	N 20	< 10	30
25	0GS028S	0.02	7	2	2	0.5	N 0.2	0.3	N 0.5	N 200	N 10	50	700	1	N 10	N 20	< 10	20
26	0GS029S	0.03	> 20	2	3	1.5	N 0.2	0.2	N 0.5	N 200	N 10	30	500	1	N 10	N 20	< 10	20
27	0GS030S	0.03	20	1.5	5	0.5	N 0.2	0.15	N 0.5	N 200	N 10	15	200	< 1	N 10	N 20	N 10	15
28	0GS033S	0.03	15	3	3	1	N 0.2	0.5	5	N 200	N 10	50	500	1.5	N 10	N 20	< 10	20
29	0GS034S	0.03	20	1.5	5	1.5	N 0.2	0.15	N 0.5	N 200	N 10	20	700	1	N 10	N 20	N 10	10
30	0GS035S	0.03	20	2	7	1.5	N 0.2	0.2	N 0.5	N 200	N 10	15	500	< 1	N 10	N 20	< 10	15
31	0GS036S	0.03	20	3	7	1.5	N 0.2	0.3	N 0.5	N 200	N 10	20	700	1.5	N 10	N 20	< 10	30
32	0GS039S	0.03	10	2	7	2	N 0.2	0.3	N 0.5	N 200	N 10	10	500	< 1	N 10	N 20	< 10	30
33	0GS040S	0.03	20	5	10	1	N 0.2	0.5	N 0.5	N 200	N 10	70	700	1.5	N 10	N 20	< 10	20
34	0GS041S	0.03	20	3	7	1	N 0.2	0.5	N 0.5	N 200	N 10	50	700	1.5	N 10	N 20	< 10	20
35	0GS042S	0.04	20	5	5	1.5	N 0.2	0.3	N 0.5	N 200	N 10	20	700	< 1	N 10	N 20	< 10	50
36	0GS043S	0.02	20	3	5	0.7	N 0.2	0.2	N 0.5	N 200	N 10	15	700	N 1	N 10	N 20	10	30
37	0GS044S	0.02	> 20	2	7	1	N 0.2	0.2	N 0.5	N 200	N 10	15	500	1	N 10	N 20	N 10	10
38	0GS045S	0.02	20	2	5	0.7	N 0.2	0.3	0.5	N 200	N 10	50	500	1	N 10	N 20	N 10	15
39	0GS046S	0.04	15	3	3	1.5	N 0.2	0.5	N 0.5	N 200	N 10	70	700	1.5	N 10	N 20	< 10	30
40	0GS047S	0.04	> 20	5	3	1.5	< 0.2	0.7	N 0.5	N 200	N 10	150	1000	2	N 10	N 20	10	50

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S
41	0GS048S	0.05	20	5	2	1.5	N 0.2	0.7	N 0.5	N 200	N 10	50	700	1	N 10	N 20	< 10	70
42	0GS049S	0.06	> 20	3	7	0.7	0.2	0.5	< 0.5	N 200	N 10	100	1000	< 1	N 10	N 20	N 10	70
43	0GS050S	0.03	10	3	3	1	N 0.2	0.5	N 0.5	N 200	N 10	50	700	1	N 10	N 20	< 10	20
44	0GS051S	0.03	15	3	5	1.5	N 0.2	0.7	N 0.5	N 200	N 10	70	1000	2	N 10	N 20	< 10	30
45	0GS052S	0.08	> 20	5	2	0.7	0.2	0.7	0.5	N 200	N 10	300	300	1.5	N 10	N 20	< 10	200
46	0GS053S	0.07	> 20	2	5	0.7	< 0.2	0.3	< 0.5	N 200	N 10	150	700	< 1	N 10	N 20	< 10	150
47	0GS054S	0.01	10	7	3	3	N 0.2	1	N 0.5	N 200	N 10	< 10	1500	1	N 10	N 20	15	200
48	0GS055S	0.13	20	5	2	1	1	0.7	1.5	N 200	N 10	100	700	1.5	N 10	N 20	< 10	500
49	0GS056S	0.05	> 20	5	7	1	< 0.2	0.5	N 0.5	N 200	N 10	100	1000	2	N 10	N 20	10	50
50	0GS058S	0.04	10	2	5	1.5	N 0.2	0.15	N 0.5	N 200	N 10	30	500	< 1	N 10	N 20	< 10	30
51	0GS059S	0.03	15	2	7	1.5	N 0.2	0.2	N 0.5	N 200	N 10	50	700	1.5	N 10	N 20	< 10	20
52	0GS060S	0.04	20	5	10	1	N 0.2	0.7	N 0.5	N 200	N 10	70	1000	1.5	N 10	N 20	< 10	20
53	0GS061S	0.06	> 20	2	2	1.5	N 0.2	0.5	N 0.5	N 200	N 10	50	700	< 1	N 10	N 20	< 10	70
54	0GS062S	0.05	> 20	3	3	1.5	< 0.2	0.7	N 0.5	N 200	N 10	50	1000	1	N 10	N 20	< 10	30
55	0GS064S	0.09	20	3	5	0.7	N 0.2	0.3	N 0.5	N 200	N 10	70	500	< 1	N 10	N 20	< 10	70
56	0GS065S	0.12	> 20	3	2	1	0.5	0.7	< 0.5	N 200	N 10	200	500	1	N 10	N 20	< 10	200
57	0GS066S	0.11	15	5	2	0.7	0.3	1	0.7	N 200	N 10	500	1000	1.5	N 10	N 20	15	500
58	0GS067S	0.06	15	5	1.5	0.7	N 0.2	1	N 0.5	N 200	N 10	300	300	1.5	N 10	N 20	10	300
59	0GS068S	0.1	20	5	2	0.7	0.2	1	0.7	N 200	N 10	500	700	1.5	N 10	N 20	< 10	500
60	0GS069S	0.07	> 20	10	1	0.5	N 0.2	1	< 0.5	N 200	N 10	300	300	1	N 10	N 20	15	500
61	0GS070S	0.06	20	3	1	1	N 0.2	0.7	N 0.5	N 200	N 10	100	500	1	N 10	N 20	< 10	200
62	0GS071S	0.07	10	7	1	0.7	0.2	> 1	N 0.5	N 200	N 10	700	500	3	N 10	N 20	10	300
63	0GS072S	0.08	> 20	10	1	0.3	< 0.2	> 1	< 0.5	N 200	N 10	500	200	2	N 10	N 20	15	300
64	0GS073S	0.07	10	5	1	0.7	N 0.2	0.7	N 0.5	N 200	N 10	150	500	1	N 10	N 20	10	150
65	0GS074S	0.06	> 20	7	1.5	0.5	< 0.2	1	N 0.5	N 200	N 10	300	500	3	N 10	N 20	15	200
66	0GS075S	0.07	20	5	1.5	1	N 0.2	0.7	< 0.5	N 200	N 10	200	700	1.5	N 10	N 20	10	150
67	0GS076S	0.11	15	3	1.5	0.3	< 0.2	0.7	0.5	N 200	N 10	150	500	< 1	N 10	N 20	< 10	200
68	0GS077S	0.06	7	7	1	0.3	N 0.2	1	N 0.5	N 200	N 10	300	500	2	N 10	N 20	15	300
69	0GS078S	0.16	> 20	3	3	0.5	0.5	0.7	< 0.5	N 200	N 10	100	500	1	N 10	N 20	10	100
70	0GS079S	0.03	> 20	1.5	7	0.5	N 0.2	0.15	< 0.5	N 200	N 10	70	300	< 1	N 10	N 20	< 10	30
71	0GS080S	0.04	5	2	1	0.3	N 0.2	0.2	N 0.5	N 200	N 10	200	500	< 1	N 10	N 20	< 10	20
72	0GS081S	0.07	7	2	1.5	1	N 0.2	0.3	< 0.5	N 200	N 10	150	500	2	N 10	N 20	10	150
73	0GS082S	0.04	7	2	3	0.7	N 0.2	0.5	N 0.5	N 200	N 10	70	1000	1	N 10	N 20	10	30
74	0GS083S	0.06	10	2	3	1	N 0.2	1	N 0.5	N 200	N 10	100	1000	1.5	N 10	N 20	10	50
75	0GS084S	0.07	10	2	1	0.7	0.2	0.7	0.5	N 200	N 10	200	300	1.5	N 10	N 20	< 10	200
76	0GS085S	0.08	20	3	1	0.5	0.2	0.7	< 0.5	N 200	N 10	200	200	1.5	N 10	N 20	10	200
77	0GS086S	0.04	10	1.5	2	1	N 0.2	0.5	N 0.5	N 200	N 10	50	500	1	N 10	N 20	< 10	30
78	0GS087S	0.04	20	1.5	5	0.7	N 0.2	0.3	< 0.5	N 200	N 10	30	500	< 1	N 10	N 20	< 10	30
79	0GS088S	0.04	2	3	1	3	N 0.2	0.7	N 0.5	N 200	N 10	< 10	500	10	N 10	N 20	< 10	< 10
80	0GS089S	0.02	1	5	0.5	2	N 0.2	1	N 0.5	N 200	N 10	10	500	5	N 10	N 20	< 10	20

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S
81	0GS090S	0.01	0.2	1.5	0.3	2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	300	2	N 10	N 20	N 10	< 10
82	0GS091S	0.02	0.5	2	1	1	N 0.2	1	N 0.5	N 200	N 10	50	700	5	N 10	N 20	10	20
83	0GS092S	0.01	0.3	3	0.7	2	N 0.2	0.7	N 0.5	N 200	N 10	< 10	300	3	N 10	N 20	N 10	15
84	0GS094S	0.01	0.3	5	0.7	1	N 0.2	0.7	N 0.5	N 200	N 10	50	500	5	N 10	N 20	10	15
85	0GS095S	0.02	0.5	7	1	2	N 0.2	1	N 0.5	N 200	N 10	10	700	5	N 10	N 20	< 10	30
86	0GS096S	0.02	0.7	20	0.3	3	N 0.2	> 1	N 0.5	N 200	N 10	N 10	200	7	N 10	N 20	< 10	70
87	0GS097S	0.02	0.7	10	0.3	5	N 0.2	> 1	N 0.5	N 200	N 10	< 10	500	7	N 10	N 20	N 10	N 10
88	0GS098S	0.01	0.7	7	0.3	5	N 0.2	> 1	N 0.5	N 200	N 10	< 10	200	10	N 10	N 20	N 10	N 10
89	0GS099S	0.03	15	5	2	2	N 0.2	1	N 0.5	N 200	N 10	30	700	2	N 10	N 20	< 10	30
90	0GS100S	0.04	20	7	2	3	N 0.2	1	N 0.5	N 200	N 10	50	1000	2	N 10	N 20	15	200
91	0GS102S	0.05	10	5	3	2	N 0.2	1	N 0.5	N 200	N 10	70	1000	1	N 10	N 20	10	50
92	0GS103S	0.04	15	3	3	2	N 0.2	0.7	N 0.5	N 200	N 10	30	1000	1.5	N 10	N 20	10	30
93	0GS104S	0.04	5	5	2	1.5	N 0.2	1	N 0.5	N 200	N 10	20	1000	1.5	N 10	N 20	15	30
94	0GS105S	0.03	7	2	1.5	1.5	N 0.2	0.5	N 0.5	N 200	N 10	30	700	1	N 10	N 20	< 10	15
95	0GS106S	0.05	3	2	1.5	2	N 0.2	0.3	N 0.5	N 200	N 10	15	700	< 1	N 10	N 20	10	20
96	0GS107S	0.04	10	5	2	2	N 0.2	1	N 0.5	N 200	N 10	50	1500	3	N 10	N 20	15	30
97	0GS108S	0.03	5	5	3	3	N 0.2	0.5	N 0.5	N 200	N 10	20	1000	2	N 10	N 20	15	20
98	0GS109S	0.03	3	7	3	3	N 0.2	0.7	< 0.5	N 200	N 10	50	1000	3	N 10	N 20	10	30
99	0GS110S	0.04	3	5	2	3	N 0.2	0.7	N 0.5	N 200	N 10	30	700	2	N 10	N 20	10	20
100	0GS111S	0.02	5	7	3	5	N 0.2	1	N 0.5	N 200	N 10	20	2000	3	N 10	N 20	20	70
101	0GS112S	0.02	3	10	2	3	N 0.2	> 1	N 0.5	N 200	N 10	20	1500	3	N 10	N 20	20	200
102	0GS113S	0.03	5	10	2	3	N 0.2	1	N 0.5	N 200	N 10	20	1000	5	N 10	N 20	20	70
103	0GS114S	0.03	2	7	1.5	2	N 0.2	1	N 0.5	N 200	N 10	30	1500	3	N 10	N 20	15	30
104	0GS115S	0.01	0.5	5	0.15	5	N 0.2	0.7	N 0.5	N 200	N 10	< 10	300	10	15	N 20	N 10	N 10
105	0GS116S	0.01	0.7	5	0.2	5	N 0.2	1	N 0.5	N 200	N 10	< 10	300	10	N 10	N 20	N 10	N 10
106	0GS118S	0.02	0.7	10	0.3	5	N 0.2	1	N 0.5	N 200	N 10	< 10	200	10	N 10	N 20	N 10	15
107	0GS119S	0.02	0.7	7	0.3	5	N 0.2	1	N 0.5	N 200	N 10	< 10	150	10	N 10	N 20	N 10	10
108	0GS120S	0.03	15	2	10	1	N 0.2	0.3	N 0.5	N 200	N 10	50	500	1	N 10	N 20	< 10	15
109	0GS121S	0.02	20	3	5	1.5	N 0.2	0.3	< 0.5	N 200	N 10	50	300	1.5	N 10	N 20	10	20
110	0GS122S	0.05	2	3	2	1.5	N 0.2	0.5	N 0.5	N 200	N 10	30	700	2	N 10	N 20	10	15
111	0GS123S	0.01	0.2	3	0.5	1	N 0.2	0.5	N 0.5	N 200	N 10	20	500	1	N 10	N 20	< 10	20
112	0GS124S	0.01	0.2	5	0.5	1	N 0.2	0.7	N 0.5	N 200	N 10	50	500	1.5	N 10	N 20	15	20
113	0GS126S	0.02	0.3	3	0.7	2	N 0.2	0.5	N 0.5	N 200	N 10	30	500	1	N 10	N 20	< 10	15
114	0GS127S	0.02	0.5	5	0.5	2	N 0.2	1	N 0.5	N 200	N 10	50	700	5	N 10	N 20	10	20
115	0GS128S	0.03	1.5	5	0.5	5	N 0.2	0.7	N 0.5	N 200	N 10	< 10	500	7	N 10	N 20	< 10	10
116	0GS129S	0.02	1	7	0.3	> 5	N 0.2	1	N 0.5	N 200	N 10	< 10	300	7	N 10	N 20	< 10	50
117	0GS131S	0.05	0.7	5	0.3	5	N 0.2	0.7	N 0.5	N 200	N 10	< 10	200	5	N 10	N 20	< 10	30
118	0GS133S	0.03	1.5	7	0.7	> 5	N 0.2	0.5	N 0.5	N 200	N 10	10	300	10	N 10	N 20	< 10	50
119	0GS135S	0.04	0.3	5	0.7	1	N 0.2	0.5	N 0.5	N 200	N 10	50	500	2	N 10	N 20	10	15
120	0GS136S	0.02	0.2	3	0.5	0.5	N 0.2	1	N 0.5	N 200	N 10	30	300	2	N 10	N 20	< 10	10

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S
121	0GS137S	< 0.01	0.7	2	0.3	0.5	N 0.2	0.7	N 0.5	N 200	N 10	20	300	1	N 10	N 20	< 10	< 10
122	0GS138S	< 0.01	0.2	3	0.5	0.7	N 0.2	1	N 0.5	N 200	N 10	50	300	1.5	N 10	N 20	10	15
123	1GS201S	0.0B	1	2	2	2	N 0.2	0.2	N 0.5	N 200	N 10	10	500	1.5	N 10	N 20	< 10	15
124	1GS208S	0.0B	1	5	2	2	N 0.2	0.3	N 0.5	N 200	N 10	20	700	1	N 10	N 20	10	20
125	1GS209S	0.0B	0.7	5	1.5	3	N 0.2	0.3	N 0.5	N 200	N 10	10	700	1	N 10	N 20	15	10
126	1GS210S	0.0B	1	3	1.5	2	N 0.2	0.2	N 0.5	N 200	N 10	15	500	1	N 10	N 20	< 10	15
127	1GS211S	0.0B	1.5	5	1.5	3	N 0.2	0.2	N 0.5	N 200	N 10	10	500	< 1	N 10	N 20	15	30
128	1GS212S	0.0B	0.7	3	1	2	N 0.2	0.2	N 0.5	N 200	N 10	10	300	< 1	N 10	N 20	< 10	10
129	2GS311S	0.0B	5	2	7	1	N 0.2	0.15	N 0.5	N 200	N 10	10	200	< 1	N 10	N 20	< 10	20

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S
1	0GS001S	10	15	N 10	< 50	1000	N 5	< 20	10	< 10	N 100	< 5	N 10	N 100	N 100	50	N 20	< 10	N 200	200
2	0GS002S	10	20	N 10	< 50	200	N 5	< 20	15	N 10	N 100	5	N 10	N 100	N 100	30	N 20	10	N 200	300
3	0GS003S	15	30	N 10	N 50	700	N 5	N 20	10	15	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	100
4	0GS004S	10	50	N 10	N 50	500	N 5	N 20	10	10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	50
5	0GS005S	50	100	N 10	50	1500	N 5	< 20	20	30	N 100	7	N 10	N 100	N 100	70	N 20	20	N 200	200
6	0GS006S	20	70	N 10	< 50	500	N 5	N 20	15	15	N 100	5	N 10	N 100	N 100	50	N 20	10	N 200	100
7	0GS007S	7	20	N 10	N 50	500	N 5	N 20	5	10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	70
8	0GS008S	7	15	N 10	N 50	500	N 5	N 20	< 5	10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	30
9	0GS009S	30	50	N 10	< 50	1000	N 5	N 20	15	15	N 100	< 5	N 10	N 100	N 100	15	N 20	10	N 200	20
10	0GS010S	20	70	N 10	< 50	1000	N 5	N 20	10	20	N 100	< 5	N 10	N 100	N 100	70	N 20	10	N 200	150
11	0GS011S	15	50	N 10	< 50	700	N 5	N 20	15	10	N 100	< 5	N 10	N 100	N 100	50	N 20	10	N 200	200
12	0GS012S	5	30	N 10	N 50	200	N 5	N 20	7	< 10	N 100	N 5	N 10	N 100	N 100	30	N 20	< 10	N 200	300
13	0GS013S	10	50	N 10	N 50	1000	N 5	N 20	10	15	N 100	< 5	N 10	< 100	N 100	50	N 20	10	N 200	150
14	0GS014S	15	30	N 10	N 50	300	N 5	N 20	10	10	N 100	N 5	N 10	N 100	N 100	20	N 20	< 10	N 200	100
15	0GS015S	15	50	N 10	< 50	300	N 5	N 20	7	15	N 100	N 5	N 10	N 100	N 100	20	N 20	< 10	N 200	500
16	0GS016S	7	20	N 10	N 50	200	N 5	N 20	7	10	N 100	N 5	N 10	< 100	N 100	20	N 20	N 10	N 200	70
17	0GS017S	10	30	N 10	70	1000	N 5	< 20	15	10	N 100	5	N 10	N 100	N 100	50	N 20	15	N 200	500
18	0GS018S	7	20	N 10	N 50	500	N 5	N 20	7	< 10	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	50
19	0GS019S	7	50	N 10	N 50	300	N 5	N 20	10	10	N 100	< 5	N 10	N 100	N 100	50	N 20	15	N 200	300
20	0GS020S	5	15	N 10	N 50	500	N 5	N 20	7	< 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	100
21	0GS021S	7	20	N 10	N 50	300	N 5	N 20	7	10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	100
22	0GS022S	20	70	N 10	< 50	1000	N 5	N 20	15	15	N 100	5	N 10	< 100	N 100	70	N 20	10	N 200	150
23	0GS025S	15	50	N 10	< 50	1000	N 5	N 20	10	15	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	200
24	0GS027S	20	70	N 10	N 50	700	N 5	N 20	15	50	N 100	< 5	N 10	< 100	N 100	50	N 20	< 10	N 200	50
25	0GS028S	10	30	N 10	N 50	700	N 5	N 20	10	10	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	150
26	0GS029S	10	50	N 10	N 50	1000	N 5	N 20	15	15	N 100	< 5	N 10	< 100	N 100	50	N 20	< 10	N 200	100
27	0GS030S	7	20	N 10	N 50	300	N 5	N 20	7	10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	20
28	0GS033S	20	50	N 10	< 50	500	N 5	N 20	15	20	N 100	5	N 10	N 100	N 100	50	N 20	< 10	N 200	150
29	0GS034S	10	50	N 10	N 50	1000	N 5	N 20	5	15	N 100	< 5	N 10	< 100	N 100	15	N 20	N 10	N 200	70
30	0GS035S	7	30	N 10	N 50	700	N 5	N 20	7	10	N 100	< 5	N 10	N 100	N 100	20	N 20	< 10	N 200	70
31	0GS036S	15	50	N 10	N 50	700	N 5	N 20	15	10	N 100	< 5	N 10	< 100	N 100	30	N 20	< 10	N 200	50
32	0GS039S	7	50	N 10	N 50	200	N 5	N 20	10	10	N 100	5	N 10	N 100	N 100	30	N 20	< 10	N 200	100
33	0GS040S	15	50	N 10	< 50	1000	N 5	N 20	10	15	N 100	5	N 10	< 100	N 100	30	N 20	10	N 200	100
34	0GS041S	10	30	N 10	< 50	700	N 5	N 20	10	20	N 100	5	N 10	< 100	N 100	20	N 20	10	N 200	100
35	0GS042S	20	70	N 10	N 50	700	N 5	N 20	15	20	N 100	< 5	N 10	< 100	N 100	30	N 20	< 10	N 200	70
36	0GS043S	7	15	N 10	N 50	500	N 5	N 20	15	10	N 100	< 5	N 10	N 100	N 100	20	N 20	N 10	N 200	30
37	0GS044S	7	20	N 10	N 50	500	N 5	N 20	7	15	N 100	N 5	N 10	< 100	N 100	30	N 20	< 10	N 200	100
38	0GS045S	10	30	N 10	< 50	500	N 5	N 20	7	20	N 100	< 5	N 10	< 100	N 100	20	N 20	< 10	N 200	100
39	0GS046S	15	50	N 10	< 50	700	N 5	N 20	15	20	N 100	5	N 10	N 100	N 100	30	N 20	10	N 200	100
40	0GS047S	20	50	N 10	70	1000	N 5	N 20	30	20	N 100	10	N 10	< 100	N 100	70	N 20	20	N 200	200

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S
41	0GS048S	15	30	N 10	< 50	200	< 5	N 20	30	10	N 100	5	N 10	N 100	N 100	50	N 20	15	N 200	150
42	0GS049S	20	30	N 10	50	500	< 5	N 20	30	15	N 100	7	N 10	< 100	N 100	70	N 20	30	N 200	200
43	0GS050S	7	20	N 10	N 50	500	N 5	N 20	7	10	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	100
44	0GS051S	30	70	N 10	50	700	N 5	N 20	15	30	N 100	7	N 10	< 100	N 100	50	N 20	15	N 200	200
45	0GS052S	20	50	N 10	70	150	5	N 20	70	15	N 100	10	N 10	100	N 100	150	N 20	50	N 200	150
46	0GS053S	15	30	N 10	< 50	300	< 5	N 20	30	15	N 100	5	N 10	< 100	N 100	70	N 20	15	N 200	100
47	0GS054S	< 5	100	N 10	50	1000	N 5	N 20	30	15	N 100	15	N 10	300	N 100	70	N 20	< 10	N 200	100
48	0GS055S	50	20	N 10	100	700	5	N 20	100	15	N 100	7	N 10	100	N 100	200	N 20	70	< 200	200
49	0GS056S	15	50	N 10	70	1000	5	N 20	20	20	N 100	5	N 10	< 100	N 100	70	N 20	20	N 200	150
50	0GS058S	30	50	N 10	N 50	300	N 5	N 20	15	20	N 100	< 5	N 10	N 100	N 100	20	N 20	N 10	N 200	70
51	0GS059S	20	30	N 10	N 50	500	N 5	N 20	10	20	N 100	5	N 10	< 100	N 100	30	N 20	< 10	N 200	100
52	0GS060S	20	50	N 10	< 50	1500	N 5	N 20	15	20	N 100	7	N 10	< 100	N 100	100	N 20	20	N 200	150
53	0GS061S	10	30	N 10	< 50	500	N 5	N 20	15	15	N 100	5	N 10	100	N 100	70	N 20	20	N 200	100
54	0GS062S	30	50	N 10	70	1000	N 5	N 20	15	20	N 100	7	N 10	100	N 100	100	N 20	20	N 200	100
55	0GS064S	15	50	N 10	N 50	200	N 5	N 20	50	15	N 100	< 5	N 10	< 100	N 100	50	N 20	15	N 200	70
56	0GS065S	20	50	N 10	50	500	< 5	N 20	70	15	N 100	7	N 10	200	N 100	200	N 20	50	N 200	100
57	0GS066S	50	30	N 10	70	700	5	N 20	200	< 10	N 100	10	N 10	100	N 100	500	N 20	30	< 200	200
58	0GS067S	15	70	N 10	50	300	< 5	N 20	70	10	N 100	10	N 10	100	N 100	150	N 20	15	N 200	150
59	0GS068S	70	50	N 10	50	300	5	N 20	300	< 10	N 100	7	N 10	< 100	N 100	500	N 20	50	< 200	300
60	0GS069S	30	50	N 10	50	300	5	N 20	200	10	N 100	15	N 10	200	N 100	200	N 20	30	N 200	100
61	0GS070S	20	30	N 10	< 50	200	< 5	N 20	70	10	N 100	7	N 10	100	N 100	150	N 20	15	N 200	200
62	0GS071S	30	30	N 10	70	500	< 5	N 20	100	10	N 100	15	N 10	< 100	N 100	300	N 20	30	N 200	300
63	0GS072S	30	50	N 10	100	500	7	N 20	150	15	N 100	20	N 10	100	N 100	500	N 20	50	N 200	300
64	0GS073S	20	50	N 10	< 50	500	< 5	N 20	70	15	N 100	5	N 10	< 100	N 100	100	N 20	15	N 200	200
65	0GS074S	20	50	N 10	100	1000	< 5	N 20	100	15	N 100	20	N 10	100	N 100	200	N 20	30	N 200	500
66	0GS075S	50	70	N 10	50	1000	< 5	N 20	70	20	N 100	10	N 10	100	N 100	100	N 20	15	N 200	150
67	0GS076S	20	20	N 10	N 50	300	< 5	N 20	100	10	N 100	< 5	N 10	N 100	N 100	150	N 20	20	N 200	150
68	0GS077S	30	50	N 10	< 50	700	< 5	N 20	100	15	N 100	10	N 10	< 100	N 100	200	N 20	20	N 200	300
69	0GS078S	20	30	N 10	70	500	N 5	N 20	70	20	N 100	5	N 10	< 100	N 100	100	N 20	70	N 200	300
70	0GS079S	10	10	N 10	< 50	500	N 5	N 20	15	< 10	N 100	5	N 10	< 100	N 100	50	N 20	10	N 200	150
71	0GS080S	7	20	N 10	< 50	1000	N 5	N 20	10	< 10	N 100	5	N 10	N 100	N 100	50	N 20	< 10	N 200	100
72	0GS081S	20	30	N 10	50	500	5	N 20	50	10	N 100	7	N 10	< 100	N 100	100	N 20	20	N 200	150
73	0GS082S	15	20	N 10	< 50	500	< 5	N 20	20	10	N 100	5	N 10	N 100	N 100	50	N 20	20	N 200	150
74	0GS083S	20	50	N 10	50	700	< 5	N 20	30	15	N 100	10	N 10	< 100	N 100	70	N 20	20	N 200	500
75	0GS084S	30	30	N 10	50	200	< 5	N 20	100	10	N 100	7	N 10	100	N 100	150	N 20	20	< 200	100
76	0GS085S	15	30	N 10	50	200	5	N 20	70	15	N 100	10	N 10	150	N 100	100	N 20	20	N 200	70
77	0GS086S	10	15	N 10	< 50	300	N 5	N 20	15	10	N 100	< 5	N 10	< 100	N 100	50	N 20	10	N 200	200
78	0GS087S	7	10	N 10	< 50	500	N 5	N 20	10	10	N 100	< 5	N 10	< 100	N 100	30	N 20	10	N 200	150
79	0GS088S	7	100	N 10	50	1000	N 5	< 20	5	70	N 100	7	N 10	< 100	N 100	30	N 20	15	N 200	150
80	0GS089S	5	70	N 10	200	700	N 5	30	7	30	N 100	7	N 10	< 100	N 100	70	N 20	30	N 200	200

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S
81	0GS090S	5	50	N 10	< 50	700	N 5	20	< 5	70	N 100	N 5	N 10	N 100	N 100	20	N 20	< 10	N 200	150
82	0GS091S	30	30	N 10	150	1500	N 5	< 20	15	20	N 100	5	N 10	N 100	N 100	50	N 20	10	N 200	200
83	0GS092S	5	50	N 10	300	300	N 5	N 20	5	20	N 100	< 5	N 10	N 100	N 100	50	N 20	15	N 200	70
84	0GS094S	15	30	N 10	< 50	500	N 5	< 20	15	10	N 100	7	N 10	N 100	N 100	50	N 20	15	N 200	> 1000
85	0GS095S	7	70	N 10	150	500	N 5	< 20	10	10	N 100	5	N 10	< 100	N 100	50	N 20	20	N 200	100
86	0GS096S	< 5	150	N 10	1000	> 5000	N 5	200	< 5	15	N 100	7	15	N 100	< 100	500	N 20	300	N 200	> 1000
87	0GS097S	N 5	150	N 10	200	5000	N 5	100	N 5	30	N 100	< 5	< 10	N 100	N 100	50	N 20	50	N 200	150
88	0GS098S	N 5	100	N 10	200	5000	N 5	150	N 5	30	N 100	N 5	N 10	< 100	N 100	50	N 20	200	N 200	200
89	0GS099S	10	70	N 10	< 50	300	N 5	< 20	20	10	N 100	5	N 10	100	N 100	70	N 20	10	N 200	200
90	0GS100S	10	100	N 10	< 50	500	N 5	< 20	15	15	N 100	10	N 10	200	N 100	100	N 20	15	N 200	150
91	0GS102S	20	100	N 10	N 50	1000	N 5	N 20	15	20	N 100	7	N 10	100	N 100	70	N 20	10	N 200	150
92	0GS103S	20	70	N 10	< 50	1000	N 5	N 20	10	20	N 100	7	N 10	100	N 100	70	N 20	10	N 200	150
93	0GS104S	15	70	N 10	< 50	1500	< 5	20	10	20	N 100	10	N 10	100	N 100	100	N 20	15	N 200	200
94	0GS105S	7	70	N 10	< 50	1000	N 5	N 20	7	15	N 100	5	N 10	100	N 100	50	N 20	10	N 200	200
95	0GS106S	10	100	N 10	N 50	700	N 5	N 20	7	30	N 100	5	N 10	< 100	N 100	30	N 20	< 10	N 200	100
96	0GS107S	15	100	N 10	50	1500	< 5	< 20	10	30	N 100	10	N 10	150	N 100	100	N 20	15	N 200	100
97	0GS108S	30	50	N 10	50	1500	N 5	< 20	10	30	N 100	7	N 10	100	N 100	100	N 20	15	N 200	200
98	0GS109S	50	70	N 10	50	1000	N 5	< 20	15	150	N 100	7	N 10	100	N 100	150	N 20	20	N 200	300
99	0GS110S	30	50	N 10	50	1000	N 5	N 20	10	50	N 100	5	N 10	100	N 100	100	N 20	10	N 200	200
100	0GS111S	30	100	N 10	70	1500	N 5	N 20	30	50	N 100	10	N 10	150	N 100	100	N 20	15	N 200	300
101	0GS112S	50	70	N 10	70	1000	N 5	< 20	70	30	N 100	10	N 10	150	N 100	200	N 20	10	N 200	200
102	0GS113S	70	70	N 10	70	1000	N 5	< 20	50	50	N 100	10	N 10	150	N 100	150	N 20	15	N 200	500
103	0GS114S	50	50	N 10	50	1500	N 5	< 20	30	20	N 100	7	N 10	100	N 100	100	N 20	10	N 200	300
104	0GS115S	N 5	50	N 10	50	500	N 5	100	< 5	30	N 100	N 5	N 10	N 100	N 100	20	N 20	20	N 200	100
105	0GS116S	N 5	50	N 10	300	1000	N 5	200	N 5	30	N 100	< 5	N 10	N 100	150	30	N 20	30	N 200	500
106	0GS118S	< 5	100	N 10	200	1000	N 5	150	N 5	50	N 100	5	N 10	< 100	150	70	N 20	70	N 200	200
107	0GS119S	N 5	70	N 10	150	700	N 5	100	N 5	50	N 100	< 5	N 10	< 100	100	50	N 20	50	N 200	300
108	0GS120S	20	20	N 10	N 50	700	N 5	N 20	10	20	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	70
109	0GS121S	30	30	N 10	< 50	500	N 5	N 20	20	30	N 100	7	N 10	< 100	N 100	50	N 20	10	N 200	100
110	0GS122S	30	30	N 10	50	700	N 5	< 20	15	50	N 100	5	N 10	< 100	N 100	70	N 20	10	N 200	300
111	0GS123S	30	20	N 10	< 50	200	N 5	< 20	15	< 10	N 100	5	N 10	N 100	N 100	50	N 20	20	N 200	500
112	0GS124S	50	50	N 10	50	500	N 5	< 20	30	30	N 100	7	N 10	N 100	N 100	70	N 20	20	N 200	700
113	0GS126S	30	30	N 10	< 50	700	N 5	N 20	15	20	N 100	5	N 10	< 100	N 100	50	N 20	15	N 200	500
114	0GS127S	50	50	N 10	200	700	N 5	20	20	30	N 100	7	N 10	< 100	N 100	100	N 20	20	N 200	300
115	0GS128S	< 5	70	N 10	300	500	N 5	20	N 5	30	N 100	7	N 10	100	< 100	70	N 20	30	N 200	700
116	0GS129S	< 5	70	N 10	700	700	N 5	50	N 5	30	N 100	7	N 10	< 100	150	200	N 20	50	N 200	1000
117	0GS131S	N 5	50	N 10	500	500	N 5	50	< 5	20	N 100	5	N 10	< 100	< 100	100	N 20	30	N 200	300
118	0GS133S	< 5	70	N 10	500	700	N 5	30	N 5	20	N 100	7	N 10	100	100	150	N 20	20	N 200	500
119	0GS135S	30	30	N 10	< 50	700	N 5	< 20	10	15	N 100	5	N 10	N 100	N 100	100	N 20	15	N 200	300
120	0GS136S	15	20	N 10	70	1000	N 5	< 20	7	N 10	N 100	< 5	N 10	N 100	N 100	70	N 20	15	N 200	500

Table 7.--Sample description and analytical data for stream-sediment samples... (continued).

INDEX	FIELD NO.	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S
121	0GS137S	15	10	N 10	N 50	300	N 5	< 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	< 10	N 200	300
122	0GS138S	20	15	N 10	< 50	500	N 5	< 20	15	< 10	N 100	< 5	N 10	N 100	N 100	50	N 20	10	N 200	300
123	1GS201S	10	20	N 10	< 50	700	N 5	N 20	5	15	N 100	< 5	N 10	< 100	N 100	30	N 20	10	N 200	100
124	1GS208S	20	30	N 10	50	700	N 5	N 20	10	10	N 100	5	N 10	100	N 100	50	N 20	10	N 200	70
125	1GS209S	15	50	N 10	50	500	N 5	< 20	7	15	N 100	5	N 10	< 100	N 100	50	N 20	10	N 200	70
126	1GS210S	15	30	N 10	< 50	300	N 5	N 20	7	10	N 100	< 5	N 10	< 100	N 100	30	N 20	< 10	N 200	70
127	1GS211S	15	50	N 10	< 50	500	N 5	N 20	10	10	N 100	5	N 10	100	N 100	50	N 20	15	N 200	70
128	1GS212S	10	30	N 10	N 50	300	N 5	N 20	5	15	N 100	< 5	N 10	< 100	N 100	30	N 20	< 10	N 200	50
129	2GS311S	15	20	N 10	N 50	300	N 5	N 20	7	20	N 100	< 5	N 10	N 100	N 100	20	N 20	10	N 200	70

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples collected from the Goshute Indian Reservation, NV and UT.

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
1	0GS001C	39.76302	114.0055	39	45	47	114	0	20	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
2	0GS002C1	39.76252	114.0059	39	45	45	114	0	21	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
3	0GS002C2	39.76252	114.0059	39	45	45	114	0	21	UT	Juab	minus-20 mesh nonmag. hvy-min-conc from st. sed, duplicate of 0GS002C1
4	0GS003C	39.75596	114.0283	39	45	21	114	1	42	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
5	0GS004C	39.7586	114.0219	39	45	31	114	1	19	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
6	0GS005C	39.76047	114.0144	39	45	38	114	0	52	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
7	0GS006C	39.76462	114.0111	39	45	53	114	0	40	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
8	0GS007C	39.77221	114.0126	39	46	20	114	0	45	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
9	0GS008C	39.77409	114.0104	39	46	27	114	0	37	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
10	0GS009C	39.77493	114.0126	39	46	30	114	0	45	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
11	0GS010C	39.77852	114.0138	39	46	43	114	0	50	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
12	0GS011C	39.78031	114.0124	39	46	49	114	0	45	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
13	0GS012C	39.78068	114.0116	39	46	50	114	0	42	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
14	0GS013C	39.78369	114.0129	39	47	1	114	0	46	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
15	0GS014C	39.78434	114.0109	39	47	4	114	0	39	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
16	0GS015C	39.78852	114.0109	39	47	19	114	0	39	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
17	0GS016C	39.79124	114.0128	39	47	28	114	0	46	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
18	0GS017C	39.79517	114.0119	39	47	43	114	0	43	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
19	0GS018C	39.79597	114.0128	39	47	45	114	0	46	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
20	0GS019C	39.80156	114.0102	39	48	6	114	0	37	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrete from str. sediment
21	0GS020C	39.79863	114.0293	39	47	55	114	1	46	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
22	0GS021C	39.79727	114.028	39	47	50	114	1	41	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
23	0GS022C	39.80292	114.028	39	48	11	114	1	41	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
24	0GS025C	39.80746	114.011	39	48	27	114	0	40	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
25	0GS027C	39.81317	114.0138	39	48	47	114	0	49	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
26	0GS028C	39.81589	114.0119	39	48	57	114	0	43	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
27	0GS029C	39.82934	114.0194	39	49	46	114	1	10	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
28	0GS030C	39.82635	114.0161	39	49	35	114	0	58	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
29	0GS033C	39.81531	114.021	39	48	55	114	1	16	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
30	0GS034C	39.83387	114.0158	39	50	2	114	0	57	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
31	0GS035C	39.83694	114.0191	39	50	13	114	1	9	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
32	0GS036C	39.8529	114.029	39	51	10	114	1	44	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
33	0GS039C	39.84045	114.0414	39	50	26	114	2	29	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
34	0GS040C	39.83915	114.0452	39	50	21	114	2	43	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
35	0GS041C	39.83381	114.0494	39	50	2	114	2	58	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
36	0GS042C	39.81996	114.0536	39	49	12	114	3	13	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
37	0GS043C	39.8204	114.0546	39	49	13	114	3	17	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
38	0GS044C	39.82616	114.054	39	49	34	114	3	15	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
39	0GS045C	39.83245	114.0539	39	49	57	114	3	14	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
40	0GS046C	39.82151	114.0663	39	49	17	114	3	59	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
41	0GS047C	39.83124	114.0585	39	49	52	114	3	30	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
42	0GS048C	39.83555	114.0698	39	50	8	114	4	11	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
43	0GS049C	39.83442	114.0743	39	50	4	114	4	28	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
44	0GS050C	39.85124	114.0739	39	51	4	114	4	26	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
45	0GS051C	39.85266	114.084	39	51	10	114	5	2	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
46	0GS052C	39.82535	114.1187	39	49	31	114	7	7	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
47	0GS053C	39.8262	114.1181	39	49	34	114	7	5	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
48	0GS054C	39.82625	114.1211	39	49	34	114	7	16	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
49	0GS055C	39.83044	114.1196	39	49	50	114	7	11	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
50	0GS056C	39.83945	114.114	39	50	22	114	6	50	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
51	0GS058C	39.84196	114.1133	39	50	31	114	6	48	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
52	0GS059C	39.84015	114.1083	39	50	25	114	6	30	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
53	0GS060C	39.84598	114.0995	39	50	46	114	5	58	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
54	0GS061C	39.85076	114.1212	39	51	3	114	7	16	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
55	0GS062C	39.86068	114.1155	39	51	38	114	6	56	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
56	0GS064C	39.81376	114.1164	39	48	50	114	6	59	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
57	0GS065C	39.81338	114.117	39	48	48	114	7	1	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
58	0GS066C	39.80936	114.1195	39	48	34	114	7	10	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
59	0GS067C	39.80563	114.1209	39	48	20	114	7	15	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
60	0GS068C	39.80539	114.1185	39	48	19	114	7	6	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
61	0GS069C	39.79607	114.1197	39	47	46	114	7	11	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
62	0GS070C	39.79317	114.12	39	47	35	114	7	12	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
63	0GS071C	39.79087	114.1166	39	47	27	114	6	60	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
64	0GS072C	39.79229	114.1077	39	47	32	114	6	28	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
65	0GS073C	39.79088	114.1051	39	47	27	114	6	18	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
66	0GS074C	39.79192	114.1025	39	47	31	114	6	9	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
67	0GS075C	39.79736	114.0955	39	47	50	114	5	44	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
68	0GS076C	39.79966	114.0961	39	47	59	114	5	46	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
69	0GS077C	39.8027	114.0877	39	48	10	114	5	16	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
70	0GS078C	39.80445	114.0924	39	48	16	114	5	33	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
71	0GS079C	39.78079	114.0719	39	46	51	114	4	19	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
72	0GS080C	39.77795	114.0741	39	46	41	114	4	27	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
73	0GS081C	39.78156	114.0873	39	46	54	114	5	14	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
74	0GS082C	39.78179	114.0885	39	46	54	114	5	18	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
75	0GS083C	39.77841	114.1009	39	46	42	114	6	3	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
76	0GS084C	39.77318	114.1138	39	46	23	114	6	50	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
77	0GS085C	39.77327	114.1218	39	46	24	114	7	18	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
78	0GS086C	39.78403	114.1343	39	47	3	114	8	3	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
79	0GS087C	39.78895	114.129	39	47	20	114	7	44	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
80	0GS088C	39.82408	113.9713	39	49	27	113	58	17	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
81	0GS089C	39.82301	113.972	39	49	23	113	58	19	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
82	0GS090C	39.80916	113.9787	39	48	33	113	58	43	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
83	0GS091C	39.81082	113.9823	39	48	39	113	58	56	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
84	0GS092C	39.81478	113.971	39	48	53	113	58	15	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
85	0GS093C	39.80357	113.959	39	48	13	113	57	32	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from Q. OF SHEBA MINE
86	0GS094C	39.80945	113.9697	39	48	34	113	58	11	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
87	0GS095C	39.81159	113.9697	39	48	42	113	58	11	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
88	0GS096C	39.83333	113.9631	39	50	0	113	57	47	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
89	0GS097C	39.83682	113.9617	39	50	13	113	57	42	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
90	0GS098C	39.84676	113.956	39	50	48	113	57	21	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
91	0GS099C	39.95757	114.1119	39	57	27	114	6	43	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
92	0GS100C	39.97411	114.1177	39	58	27	114	7	4	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
93	0GS102C	39.90858	114.184	39	54	31	114	11	3	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
94	0GS103C	39.90985	114.1687	39	54	35	114	10	7	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
95	0GS104C	39.89764	114.184	39	53	52	114	11	2	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
96	0GS105C	39.88619	114.1835	39	53	10	114	11	1	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrete from str. sediment
97	0GS106C	39.89259	114.1676	39	53	33	114	10	3	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
98	0GS107C	39.90017	114.1627	39	54	1	114	9	46	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
99	0GS108C	39.85608	114.2088	39	51	22	114	12	32	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
100	0GS109C	39.86916	114.2118	39	52	9	114	12	42	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
101	0GS110C	39.87209	114.1993	39	52	20	114	11	57	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
102	0GS111C	39.86551	114.1917	39	51	56	114	11	30	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
103	0GS112C	39.86649	114.1879	39	51	59	114	11	16	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
104	0GS113C	39.87841	114.1889	39	52	42	114	11	20	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
105	0GS114C	39.87777	114.1627	39	52	40	114	9	46	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
106	0GS115C	39.85523	113.9474	39	51	19	113	56	51	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
107	0GS116C	39.86151	113.9469	39	51	41	113	56	49	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
108	0GS118C	39.87191	113.9485	39	52	19	113	56	54	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
109	0GS119C	39.87979	113.9536	39	52	47	113	57	13	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
110	0GS120C	39.74484	114.0532	39	44	41	114	3	12	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
111	0GS121C	39.73757	114.0541	39	44	15	114	3	15	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
112	0GS122C	39.72731	114.0527	39	43	38	114	3	10	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
113	0GS123C	39.73278	114.0187	39	43	58	114	1	7	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
114	0GS124C	39.73132	114.0177	39	43	53	114	1	4	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
115	0GS126C	39.9065	113.9421	39	54	23	113	56	31	UT	Tooele	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
116	0GS127C	39.90207	113.936	39	54	7	113	56	10	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
117	0GS128C	39.89723	113.9301	39	53	50	113	55	48	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
118	0GS129C	39.89625	113.9302	39	53	47	113	55	49	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
119	0GS131C	39.90043	113.9385	39	54	2	113	56	19	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
120	0GS133C	39.89263	113.9447	39	53	33	113	56	41	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA
121	0GS135C	39.70792	113.9401	39	42	29	113	56	24	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
122	0GS136C	39.72108	113.9077	39	43	16	113	54	28	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
123	0GS137C	39.68256	113.9878	39	40	57	113	59	16	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
124	0GS138C	39.69194	113.9654	39	41	31	113	57	55	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
125	1GS201C	39.89259	114.1676	39	53	33	114	10	3	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
126	1GS208C	39.89829	114.1658	39	53	54	114	9	57	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
127	1GS209C	39.90054	114.1752	39	54	2	114	10	31	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
128	1GS210C	39.90551	114.1727	39	54	20	114	10	22	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
129	1GS211C	39.90684	114.1628	39	54	25	114	9	46	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
130	1GS212C	39.8929	114.1819	39	53	34	114	10	55	NV	White Pine	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment
131	1RDS1DC	39.85471	113.94191	39	51	17	113	56	31	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from glacial deposit
132	1RDS2DC	39.84951	113.93435	39	50	58	113	56	4	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from glacial deposit
133	1RDS3DC	39.85151	113.93682	39	51	5	113	56	13	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from glacial deposit
134	1RDS4DC	39.83759	113.94439	39	50	15	113	56	40	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from glacial deposit
135	1RDS5DC	39.84125	113.9555	39	50	29	113	57	20	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from glacial deposit
136	1RDS6DC	39.83956	113.95361	39	50	22	113	57	13	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from glacial deposit
137	1GS240C	39.80297	114.0247	39	48	11	114	1	29	UT	Juab	minus-20 mesh nonmag. hvy-min-conc of clay-altered felsic dike, BISMARK MINE
138	1GS238C	39.85281	114.0343	39	51	10	114	2	4	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from SOIL
139	1GS237C1	39.80357	113.959	39	48	13	113	57	32	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from Q. OF SHEBA MINE
140	1GS237C2	39.80357	113.959	39	48	13	113	57	32	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from Q. OF SHEBA MINE
141	2GS311C	39.7655	114.0183	39	45	56	114	1	6	UT	Juab	minus-20 mesh nonmagnetic heavy-mineral-concentrate from str. sediment

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S
1	0GS001C	composite	drainage	0.5	1.5	0.3	N 0.5	0.5	> 2	N 1	N 500	N 20	50	1000	2	N 20
2	0GS002C1	composite	drainage	0.5	2	0.15	N 0.5	< 0.5	> 2	100	N 500	200	50	500	50	N 20
3	0GS002C2	composite	drainage	0.5	2	0.15	N 0.5	< 0.5	> 2	N 1	N 500	N 20	70	700	20	N 20
4	0GS003C	composite	drainage	7	0.2	7	N 0.5	< 0.5	0.02	N 1	N 500	N 20	N 20	500	N 2	100
5	0GS004C	composite	drainage	10	1.5	7	N 0.5	0.7	0.03	N 1	N 500	N 20	N 20	10000	N 2	< 20
6	0GS005C	composite	drainage	0.7	1	0.5	N 0.5	1.5	1	N 1	N 500	N 20	20	150	3	N 20
7	0GS006C	composite	drainage	10	0.5	7	N 0.5	0.7	0.15	N 1	N 500	N 20	N 20	1000	N 2	< 20
8	0GS007C	composite	drainage	15	0.3	7	N 0.5	2	0.05	10	N 500	N 20	N 20	10000	N 2	N 20
9	0GS008C	composite	drainage	10	0.7	10	N 0.5	N 0.5	0.2	N 1	N 500	N 20	N 20	70	N 2	N 20
10	0GS009C	composite	drainage	10	2	5	N 0.5	7	0.07	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
11	0GS010C	composite	drainage	10	2	2	N 0.5	3	0.15	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
12	0GS011C	composite	drainage	5	1	5	N 0.5	0.5	0.1	N 1	N 500	N 20	20	> 10000	N 2	N 20
13	0GS012C	composite	drainage	0.2	1.5	0.3	N 0.5	< 0.5	2	N 1	N 500	N 20	30	500	10	N 20
14	0GS013C	composite	drainage	10	2	1.5	N 0.5	5	0.15	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
15	0GS014C	composite	drainage	0.3	0.5	0.7	N 0.5	N 0.5	> 2	2	N 500	< 20	< 20	3000	2	N 20
16	0GS015C	composite	drainage	3	0.5	3	N 0.5	N 0.5	1.5	N 1	N 500	N 20	< 20	300	< 2	N 20
17	0GS016C	composite	drainage	10	5	2	N 0.5	1.5	0.2	N 1	N 500	N 20	< 20	70	3	N 20
18	0GS017C	composite	drainage	1.5	1.5	0.7	N 0.5	1.5	2	N 1	N 500	N 20	50	5000	2	N 20
19	0GS018C	composite	drainage	10	3	2	N 0.5	5	0.1	N 1	N 500	N 20	20	300	N 2	N 20
20	0GS019C	composite	drainage	0.2	0.7	0.5	N 0.5	0.5	2	N 1	N 500	N 20	50	300	3	N 20
21	0GS020C	composite	drainage	20	1.5	1.5	N 0.5	10	0.1	N 1	N 500	N 20	20	500	N 2	N 20
22	0GS021C	composite	drainage	15	1	7	N 0.5	5	0.02	N 1	N 500	N 20	< 20	1500	N 2	N 20
23	0GS022C	composite	drainage	10	1.5	5	N 0.5	1	0.2	N 1	N 500	N 20	< 20	50	N 2	N 20
24	0GS025C	composite	drainage	2	0.7	0.1	N 0.5	2	1.5	7	N 500	N 20	20	100	N 2	N 20
25	0GS027C	composite	drainage	15	1	7	N 0.5	2	0.15	15	N 500	N 20	N 20	50	N 2	N 20
26	0GS028C	composite	drainage	3	0.5	3	N 0.5	1.5	1	7	N 500	N 20	20	200	N 2	50
27	0GS029C	composite	drainage	5	7	2	N 0.5	0.7	0.2	N 1	N 500	N 20	20	100	15	N 20
28	0GS030C	composite	drainage	5	10	5	N 0.5	0.5	0.15	< 1	N 500	N 20	< 20	100	N 2	N 20
29	0GS033C	composite	drainage	20	1	10	N 0.5	2	0.1	1	N 500	N 20	N 20	< 50	200	N 20
30	0GS034C	composite	drainage	15	0.5	10	N 0.5	< 0.5	0.15	N 1	N 500	N 20	< 20	150	N 2	N 20
31	0GS035C	composite	drainage	5	1.5	7	N 0.5	0.7	0.15	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
32	0GS036C	composite	drainage	10	0.5	7	N 0.5	N 0.5	0.02	N 1	N 500	N 20	N 20	150	N 2	N 20
33	0GS039C	composite	drainage	10	2	7	N 0.5	N 0.5	0.02	N 1	N 500	N 20	N 20	50	N 2	N 20
34	0GS040C	composite	drainage	7	1.5	5	N 0.5	N 0.5	0.02	N 1	N 500	N 20	N 20	N 50	N 2	N 20
35	0GS041C	composite	drainage	7	1.5	5	N 0.5	N 0.5	0.03	N 1	N 500	N 20	N 20	N 50	N 2	N 20
36	0GS042C	composite	drainage	10	0.3	7	N 0.5	N 0.5	0.2	N 1	N 500	N 20	N 20	N 50	N 2	N 20
37	0GS043C	composite	drainage	7	0.7	3	N 0.5	N 0.5	0.15	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
38	0GS044C	composite	drainage	15	0.1	7	N 0.5	N 0.5	0.007	N 1	N 500	N 20	N 20	2000	N 2	N 20
39	0GS045C	composite	drainage	10	0.2	7	N 0.5	N 0.5	0.15	N 1	N 500	N 20	N 20	7000	N 2	N 20
40	0GS046C	composite	drainage	7	1	5	N 0.5	0.5	0.03	N 1	N 500	N 20	N 20	10000	N 2	N 20

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S
41	0GS047C	composite	drainage	20	0.7	2	< 0.5	10	0.1	N 1	N 500	N 20	< 20	700	N 2	N 20
42	0GS048C	composite	drainage	10	1	0.15	N 0.5	5	0.05	N 1	N 500	N 20	N 20	> 10000	< 2	N 20
43	0GS049C	composite	drainage	15	1	0.2	N 0.5	10	0.03	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
44	0GS050C	composite	drainage	5	1	5	N 0.5	< 0.5	0.3	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
45	0GS051C	composite	drainage	5	0.7	7	N 0.5	< 0.5	0.15	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
46	0GS052C	composite	drainage	15	1	0.15	0.5	10	0.02	< 1	N 500	N 20	N 20	5000	N 2	N 20
47	0GS053C	composite	drainage	15	1.5	0.2	< 0.5	10	0.03	< 1	N 500	N 20	< 20	> 10000	N 2	N 20
48	0GS054C	composite	drainage	10	1.5	1.5	0.7	5	0.1	N 1	N 500	N 20	N 20	500	N 2	N 20
49	0GS055C	composite	drainage	20	2	1.5	< 0.5	7	0.05	N 1	N 500	N 20	< 20	700	N 2	N 20
50	0GS056C	composite	drainage	20	1	0.7	N 0.5	10	0.03	N 1	N 500	N 20	< 20	2000	N 2	N 20
51	0GS058C	composite	drainage	10	0.3	3	N 0.5	5	0.02	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
52	0GS059C	composite	drainage	7	0.7	5	N 0.5	N 0.5	0.1	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
53	0GS060C	composite	drainage	2	0.5	2	N 0.5	N 0.5	0.07	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
54	0GS061C	composite	drainage	15	0.5	0.5	N 0.5	7	0.2	N 1	N 500	N 20	< 20	300	N 2	N 20
55	0GS062C	composite	drainage	5	1.5	3	N 0.5	3	0.5	N 1	N 500	N 20	< 20	500	N 2	N 20
56	0GS064C	composite	drainage	10	1	0.15	N 0.5	5	0.03	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
57	0GS065C	composite	drainage	20	1.5	0.5	N 0.5	10	0.05	< 1	N 500	N 20	< 20	10000	N 2	N 20
58	0GS066C	composite	drainage	5	0.7	0.3	N 0.5	3	0.03	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
59	0GS067C	composite	drainage	10	1	0.5	0.7	5	0.05	N 1	N 500	N 20	< 20	> 10000	< 2	N 20
60	0GS068C	composite	drainage	20	0.7	0.15	< 0.5	10	0.03	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
61	0GS069C	composite	drainage	15	2	0.15	0.5	5	0.05	N 1	N 500	N 20	< 20	> 10000	N 2	N 20
62	0GS070C	composite	drainage	20	1	0.1	< 0.5	7	0.07	N 1	N 500	N 20	< 20	1500	N 2	N 20
63	0GS071C	composite	drainage	20	1.5	0.2	0.5	10	0.05	1	N 500	N 20	20	2000	N 2	N 20
64	0GS072C	composite	drainage	15	1	0.07	0.5	10	0.02	N 1	N 500	N 20	< 20	5000	N 2	N 20
65	0GS073C	composite	drainage	20	1.5	0.2	< 0.5	7	0.05	N 1	N 500	N 20	< 20	2000	N 2	N 20
66	0GS074C	composite	drainage	10	1	0.15	< 0.5	7	0.03	N 1	N 500	N 20	N 20	150	N 2	N 20
67	0GS075C	composite	drainage	10	1	1	N 0.5	5	0.1	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
68	0GS076C	composite	drainage	20	0.7	0.1	N 0.5	15	0.03	< 1	N 500	N 20	< 20	700	N 2	N 20
69	0GS077C	composite	drainage	10	2	0.5	N 0.5	5	0.1	N 1	N 500	N 20	< 20	3000	N 2	N 20
70	0GS078C	composite	drainage	15	1	0.1	N 0.5	10	0.02	< 1	N 500	N 20	< 20	100	N 2	N 20
71	0GS079C	composite	drainage	7	0.5	7	N 0.5	1	0.1	N 1	N 500	N 20	N 20	50	N 2	N 20
72	0GS080C	composite	drainage	15	2	0.15	< 0.5	7	0.03	N 1	N 500	N 20	< 20	50	N 2	N 20
73	0GS081C	composite	drainage	15	1.5	0.3	N 0.5	10	0.1	N 1	N 500	N 20	20	300	N 2	N 20
74	0GS082C	composite	drainage	5	0.3	1.5	N 0.5	3	0.03	N 1	N 500	N 20	N 20	> 10000	N 2	N 20
75	0GS083C	composite	drainage	20	1.5	0.5	N 0.5	10	0.15	N 1	N 500	N 20	20	1000	N 2	N 20
76	0GS084C	composite	drainage	15	1	0.2	< 0.5	15	0.03	N 1	N 500	N 20	20	700	N 2	N 20
77	0GS085C	composite	drainage	30	2	0.15	N 0.5	10	0.2	N 1	N 500	N 20	30	1000	N 2	N 20
78	0GS086C	composite	drainage	30	3	2	N 0.5	7	0.3	N 1	N 500	N 20	20	70	N 2	N 20
79	0GS087C	composite	drainage	20	1	5	N 0.5	10	0.1	N 1	N 500	N 20	N 20	50	N 2	N 20
80	0GS088C	composite	drainage	3	0.3	0.05	N 0.5	5	1	N 1	N 500	N 20	N 20	< 50	30	> 2000

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S
81	0GS089C	composite	drainage	1	1	0.07	N 0.5	< 0.5	1.5	30	< 500	< 20	< 20	70	5	N 20
82	0GS090C	composite	drainage	0.3	1	0.07	N 0.5	< 0.5	2	N 1	N 500	N 20	20	100	< 2	1000
83	0GS091C	composite	drainage	N 0.1	1	0.07	N 0.5	N 0.5	0.5	N 1	N 500	N 20	N 20	50	N 2	100
84	0GS092C	composite	drainage	0.5	1	0.07	N 0.5	N 0.5	1	1	N 500	N 20	20	< 50	3	N 20
85	0GS093C	composite	MINE DUMP	N 0.1	1.5	0.07	N 0.5	1	1	10000	20000	> 1000	20	50	15	N 20
86	0GS094C	composite	drainage	0.2	1	0.15	N 0.5	N 0.5	> 2	1	N 500	N 20	20	200	50	N 20
87	0GS095C	composite	drainage	0.2	1.5	0.1	N 0.5	N 0.5	1.5	N 1	N 500	N 20	20	70	15	N 20
88	0GS096C	composite	drainage	1.5	0.1	< 0.05	N 0.5	1	1	N 1	N 500	N 20	N 20	50	20	2000
89	0GS097C	composite	drainage	0.7	0.1	N 0.05	N 0.5	0.7	0.7	N 1	N 500	N 20	N 20	< 50	5	> 2000
90	0GS098C	composite	drainage	1	0.5	N 0.05	N 0.5	2	> 2	200	500	500	N 20	N 50	3	2000
91	0GS099C	composite	drainage	7	3	1	N 0.5	5	2	N 1	N 500	N 20	30	500	15	N 20
92	0GS100C	composite	drainage	3	5	5	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	100	N 2	N 20
93	0GS102C	composite	drainage	5	7	5	N 0.5	0.5	1.5	N 1	N 500	N 20	20	50	< 2	N 20
94	0GS103C	composite	drainage	2	2	2	N 0.5	< 0.5	0.7	2	N 500	N 20	< 20	50	N 2	N 20
95	0GS104C	composite	drainage	2	5	5	N 0.5	< 0.5	0.7	10	N 500	N 20	N 20	70	< 2	N 20
96	0GS105C	composite	drainage	2	5	3	N 0.5	0.5	1	N 1	N 500	N 20	20	< 50	< 2	N 20
97	0GS106C	composite	drainage	2	5	1.5	N 0.5	0.5	1	50	N 500	1000	< 20	< 50	N 2	N 20
98	0GS107C	composite	drainage	3	7	5	N 0.5	0.5	1.5	N 1	N 500	N 20	20	70	< 2	N 20
99	0GS108C	composite	drainage	3	5	3	N 0.5	< 0.5	1	N 1	N 500	N 20	30	100	30	N 20
100	0GS109C	composite	drainage	2	5	3	N 0.5	< 0.5	1	N 1	N 500	N 20	20	100	N 2	N 20
101	0GS110C	composite	drainage	2	5	3	N 0.5	< 0.5	0.7	< 1	N 500	N 20	< 20	50	N 2	N 20
102	0GS111C	composite	drainage	3	7	5	N 0.5	< 0.5	1	N 1	N 500	N 20	< 20	200	N 2	N 20
103	0GS112C	composite	drainage	1.5	1.5	0.5	1.5	N 0.5	0.2	N 1	N 500	N 20	N 20	200	< 2	N 20
104	0GS113C	composite	drainage	2	3	1.5	N 0.5	N 0.5	1.5	N 1	N 500	N 20	30	50	< 2	N 20
105	0GS114C	composite	drainage	3	5	3	N 0.5	0.5	1	N 1	N 500	N 20	< 20	70	< 2	N 20
106	0GS115C	composite	drainage	1.5	0.2	0.07	N 0.5	0.7	1.5	1	N 500	N 20	N 20	50	2	> 2000
107	0GS116C	composite	drainage	1.5	0.5	< 0.05	N 0.5	1	> 2	N 1	N 500	30	N 20	< 50	2	2000
108	0GS118C	composite	drainage	2	0.1	0.05	N 0.5	0.7	1	< 1	N 500	N 20	N 20	< 50	10	2000
109	0GS119C	composite	drainage	3	< 0.1	< 0.05	N 0.5	2	1	N 1	N 500	N 20	N 20	< 50	3	700
110	0GS120C	composite	drainage	10	0.3	7	N 0.5	0.5	0.07	N 1	N 500	N 20	N 20	1500	N 2	N 20
111	0GS121C	composite	drainage	10	2	7	N 0.5	N 0.5	0.15	N 1	N 500	N 20	< 20	50	N 2	N 20
112	0GS122C	composite	drainage	2	1.5	0.7	N 0.5	1.5	> 2	N 1	N 500	N 20	20	300	3	N 20
113	0GS123C	composite	drainage	N 0.1	0.7	0.15	N 0.5	N 0.5	> 2	N 1	N 500	N 20	50	200	2	N 20
114	0GS124C	composite	drainage	0.7	1	0.2	N 0.5	1	> 2	N 1	N 500	N 20	100	500	200	N 20
115	0GS126C	composite	drainage	< 0.1	1	0.15	N 0.5	N 0.5	0.2	< 1	N 500	N 20	20	< 50	N 2	500
116	0GS127C	composite	drainage	< 0.1	1	0.15	N 0.5	N 0.5	0.5	N 1	N 500	N 20	20	50	N 2	200
117	0GS128C	composite	drainage	3	0.3	0.15	N 0.5	1	2	N 1	N 500	N 20	N 20	200	3	N 20
118	0GS129C	composite	drainage	5	0.2	0.1	< 0.5	1.5	1.5	N 1	N 500	N 20	N 20	100	2	N 20
119	0GS131C	composite	drainage	7	0.2	< 0.05	N 0.5	3	2	N 1	N 500	N 20	N 20	70	N 2	N 20
120	0GS133C	composite	drainage	10	0.2	< 0.05	N 0.5	10	1	N 1	N 500	N 20	N 20	< 50	N 2	N 20

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S
121	0GS135C	composite	drainage	0.7	1.5	0.5	N 0.5	0.5	> 2	N 1	N 500	N 20	50	500	2	N 20
122	0GS136C	composite	drainage	1.5	0.7	0.2	N 0.5	N 0.5	> 2	N 1	N 500	N 20	20	200	30	N 20
123	0GS137C	composite	drainage	0.5	1	0.7	N 0.5	1	> 2	N 1	N 500	N 20	20	700	3	N 20
124	0GS138C	composite	drainage	0.7	0.7	0.2	N 0.5	2	> 2	< 1	N 500	N 20	30	150	< 2	> 2000
125	1GS201C	composite	drainage	2	5	3	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	< 50	N 2	N 20
126	1GS208C	composite	drainage	1.5	2	1	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	N 50	N 2	N 20
127	1GS209C	composite	drainage	0.7	1.5	0.7	N 0.5	N 0.5	0.15	N 1	N 500	N 20	N 20	700	N 2	N 20
128	1GS210C	composite	drainage	1	7	2	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	< 50	N 2	N 20
129	1GS211C	composite	drainage	5	10	5	N 0.5	< 0.5	1.5	N 1	N 500	N 20	N 20	50	< 2	N 20
130	1GS212C	composite	drainage	1.5	3	1.5	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	N 50	N 2	N 20
131	1RDS1DC	composite	moraine	0.5	1	0.05	N 0.5	1	2	N 1	N 500	N 20	N 20	< 50	20	100
132	1RDS2DC	composite	moraine	0.7	0.5	0.07	N 0.5	0.7	1.5	N 1	N 500	N 20	N 20	50	< 2	1000
133	1RDS3DC	composite	moraine	0.7	0.3	0.05	N 0.5	1.5	> 2	N 1	N 500	N 20	N 20	< 50	< 2	500
134	1RDS4DC	composite	moraine	0.15	0.3	0.05	N 0.5	1.5	> 2	N 1	N 500	N 20	N 20	50	2	N 20
135	1RDS5DC	composite	moraine	N 0.1	0.3	0.07	N 0.5	2	2	N 1	1500	N 20	N 20	70	30	N 20
136	1RDS6DC	composite	moraine	0.5	0.5	0.07	N 0.5	1.5	1.5	N 1	500	N 20	N 20	< 50	5	700
137	1GS240C	composite	MINE WALL ROCK	0.5	0.5	0.1	N 0.5	< 0.5	2	N 1	N 500	N 20	N 20	70	N 2	N 20
138	1GS238C	composite	soil	1.5	1	1.5	N 0.5	0.7	0.7	N 1	N 500	N 20	N 20	10000	N 2	N 20
139	1GS237C1	composite	MINE DUMP	N 0.1	2	0.07	N 0.5	N 0.5	0.7	1500	2000	1000	< 20	50	N 2	N 20
140	1GS237C2	composite	MINE DUMP	N 0.1	1	0.05	N 0.5	< 0.5	1	1000	15000	700	N 20	N 50	30	N 20
141	2GS311C	composite	drainage	5	N 0.1	7	N 0.5	< 0.5	0.03	N 1	N 500	N 20	N 20	3000	N 2	N 20

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S
1	0GS001C	N 50	N 20	200	30	20	N 20	200	150	N 10	50	300	20	N 200	10	N 20	N 200	N 200
2	0GS002C1	N 50	70	50	200	< 10	N 20	500	70	N 10	< 50	500	2000	N 200	30	1500	N 200	N 200
3	0GS002C2	N 50	50	50	150	10	N 20	700	50	N 10	< 50	700	1500	N 200	50	1000	N 200	N 200
4	0GS003C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	20	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
5	0GS004C	N 50	N 20	< 20	< 10	N 10	N 20	N 100	70	N 10	N 50	< 10	N 20	1000	N 10	N 20	N 200	N 200
6	0GS005C	N 50	< 20	50	N 10	< 10	N 20	200	100	N 10	< 50	N 10	30	N 200	< 10	N 20	N 200	N 200
7	0GS006C	N 50	N 20	N 20	10	N 10	N 20	N 100	30	N 10	N 50	N 10	N 20	300	N 10	N 20	N 200	N 200
8	0GS007C	N 50	N 20	N 20	N 10	N 10	N 20	< 100	50	N 10	N 50	N 10	< 20	3000	N 10	N 20	< 200	N 200
9	0GS008C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	50	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
10	0GS009C	N 50	< 20	N 20	50	N 10	N 20	100	200	N 10	N 50	10	20	N 200	N 10	N 20	200	N 200
11	0GS010C	N 50	N 20	N 20	20	N 10	N 20	100	100	N 10	N 50	< 10	20	1500	N 10	N 20	300	N 200
12	0GS011C	N 50	N 20	< 20	N 10	< 10	N 20	100	70	N 10	50	N 10	< 20	N 200	N 10	N 20	< 200	N 200
13	0GS012C	N 50	N 20	100	100	20	N 20	300	200	N 10	70	300	20	N 200	15	N 20	N 200	N 200
14	0GS013C	N 50	N 20	N 20	30	N 10	N 20	150	100	N 10	N 50	10	30	700	N 10	N 20	300	1500
15	0GS014C	N 50	N 20	100	10	< 10	N 20	150	50	N 10	50	300	700	N 200	30	N 20	N 200	N 200
16	0GS015C	N 50	N 20	< 20	N 10	N 10	N 20	N 100	20	N 10	50	N 10	< 20	N 200	< 10	N 20	N 200	N 200
17	0GS016C	N 50	N 20	< 20	30	< 10	N 20	100	200	N 10	N 50	< 10	500	N 200	N 10	N 20	< 200	N 200
18	0GS017C	N 50	N 20	70	< 10	10	N 20	700	70	N 10	70	N 10	300	< 200	< 10	300	< 200	N 200
19	0GS018C	N 50	50	< 20	50	N 10	N 20	< 100	500	N 10	N 50	20	50	N 200	N 10	N 20	200	N 200
20	0GS019C	N 50	N 20	100	N 10	20	N 20	100	50	N 10	50	N 10	50	N 200	< 10	200	N 200	N 200
21	0GS020C	N 50	30	N 20	30	N 10	N 20	100	300	N 10	N 50	10	< 20	N 200	N 10	N 20	300	N 200
22	0GS021C	N 50	< 20	N 20	< 10	N 10	N 20	< 100	150	N 10	N 50	< 10	N 20	< 200	N 10	N 20	< 200	N 200
23	0GS022C	N 50	N 20	N 20	50	< 10	N 20	N 100	50	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
24	0GS025C	N 50	< 20	200	15	30	N 20	150	200	N 10	< 50	200	300	1000	N 10	N 20	< 200	< 200
25	0GS027C	N 50	N 20	N 20	200	N 10	N 20	N 100	100	N 10	N 50	N 10	5000	1000	N 10	N 20	N 200	N 200
26	0GS028C	N 50	N 20	50	50	< 10	N 20	150	70	N 10	< 50	300	2000	N 200	< 10	N 20	< 200	N 200
27	0GS029C	N 50	N 20	20	300	15	N 20	100	300	< 10	N 50	50	50	< 200	N 10	N 20	N 200	N 200
28	0GS030C	N 50	< 20	< 20	150	15	N 20	N 100	500	10	N 50	70	150	< 200	N 10	N 20	N 200	N 200
29	0GS033C	N 50	N 20	N 20	20	N 10	N 20	< 100	150	N 10	N 50	N 10	700	< 200	N 10	N 20	N 200	N 200
30	0GS034C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	70	N 10	N 50	N 10	50	N 200	N 10	N 20	N 200	N 200
31	0GS035C	N 50	N 20	< 20	< 10	N 10	N 20	N 100	50	N 10	N 50	< 10	50	N 200	N 10	N 20	< 200	N 200
32	0GS036C	N 50	N 20	N 20	< 10	N 10	N 20	N 100	30	N 10	N 50	N 10	< 20	N 200	N 10	N 20	N 200	N 200
33	0GS039C	N 50	N 20	N 20	< 10	N 10	N 20	N 100	100	N 10	N 50	< 10	N 20	N 200	N 10	N 20	N 200	N 200
34	0GS040C	N 50	N 20	N 20	10	N 10	N 20	N 100	50	N 10	N 50	< 10	70	N 200	N 10	N 20	N 200	N 200
35	0GS041C	N 50	N 20	N 20	< 10	N 10	N 20	N 100	30	N 10	N 50	< 10	N 20	N 200	N 10	N 20	N 200	N 200
36	0GS042C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	30	N 10	N 50	N 10	N 20	N 200	N 10	< 20	N 200	N 200
37	0GS043C	N 50	N 20	N 20	N 10	< 10	N 20	N 100	50	N 10	N 50	N 10	N 20	N 200	N 10	N 20	1000	N 200
38	0GS044C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	20	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
39	0GS045C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	30	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
40	0GS046C	N 50	N 20	N 20	< 10	N 10	N 20	N 100	70	N 10	N 50	< 10	N 20	N 200	N 10	N 20	N 200	N 200

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S
41	0GS047C	N 50	N 20	20	10	N 10	N 20	200	70	N 10	N 50	15	N 20	N 200	N 10	N 20	500	N 200
42	0GS048C	N 50	N 20	30	15	N 10	N 20	150	50	N 10	N 50	10	< 20	N 200	N 10	N 20	300	N 200
43	0GS049C	N 50	N 20	20	15	N 10	N 20	200	70	N 10	N 50	15	N 20	N 200	N 10	N 20	300	N 200
44	0GS050C	N 50	N 20	N 20	15	N 10	N 20	N 100	150	N 10	N 50	N 10	< 20	N 200	N 10	N 20	< 200	N 200
45	0GS051C	N 50	N 20	N 20	10	N 10	N 20	N 100	100	N 10	N 50	N 10	< 20	N 200	N 10	N 20	< 200	N 200
46	0GS052C	N 50	N 20	50	50	N 10	N 20	150	20	N 10	N 50	20	N 20	N 200	N 10	N 20	300	N 200
47	0GS053C	N 50	N 20	300	70	N 10	N 20	200	30	N 10	N 50	20	< 20	N 200	N 10	N 20	500	N 200
48	0GS054C	N 50	< 20	300	< 10	10	N 20	200	500	N 10	N 50	70	N 20	N 200	10	N 20	< 200	N 200
49	0GS055C	N 50	N 20	500	70	N 10	N 20	500	100	N 10	N 50	50	< 20	N 200	N 10	N 20	300	N 200
50	0GS056C	N 50	N 20	100	10	N 10	N 20	300	70	N 10	N 50	10	< 20	N 200	N 10	N 20	200	N 200
51	0GS058C	N 50	N 20	< 20	15	N 10	N 20	150	70	N 10	N 50	10	N 20	N 200	N 10	N 20	200	N 200
52	0GS059C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	70	N 10	N 50	N 10	N 20	N 200	N 10	N 20	< 200	N 200
53	0GS060C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	30	N 10	N 50	N 10	N 20	N 200	N 10	N 20	1000	N 200
54	0GS061C	N 50	N 20	20	< 10	N 10	N 20	200	100	N 10	N 50	N 10	N 20	N 200	N 10	N 20	200	N 200
55	0GS062C	N 50	N 20	30	< 10	N 10	N 20	300	70	N 10	< 50	200	< 20	N 200	N 10	N 20	< 200	N 200
56	0GS064C	N 50	N 20	50	30	N 10	N 20	200	< 20	N 10	N 50	20	< 20	N 200	N 10	N 20	500	N 200
57	0GS065C	N 50	< 20	150	50	N 10	N 20	300	20	N 10	N 50	30	20	N 200	N 10	N 20	700	N 200
58	0GS066C	N 50	N 20	30	30	N 10	N 20	100	30	N 10	N 50	15	< 20	N 200	N 10	N 20	1000	N 200
59	0GS067C	N 50	N 20	200	10	N 10	N 20	200	100	N 10	N 50	< 10	< 20	N 200	N 10	N 20	700	N 200
60	0GS068C	N 50	N 20	20	15	N 10	N 20	150	20	N 10	N 50	15	N 20	N 200	N 10	N 20	700	N 200
61	0GS069C	N 50	< 20	20	15	N 10	N 20	200	30	N 10	N 50	20	20	N 200	N 10	N 20	700	N 200
62	0GS070C	N 50	N 20	20	10	N 10	N 20	200	20	N 10	N 50	10	N 20	N 200	N 10	N 20	500	N 200
63	0GS071C	N 50	N 20	20	20	N 10	N 20	300	20	< 10	N 50	20	30	N 200	N 10	N 20	700	N 200
64	0GS072C	N 50	N 20	< 20	< 10	N 10	N 20	150	< 20	N 10	N 50	10	< 20	N 200	N 10	N 20	700	N 200
65	0GS073C	N 50	N 20	50	20	N 10	N 20	300	30	N 10	N 50	15	N 20	N 200	N 10	N 20	500	N 200
66	0GS074C	N 50	N 20	20	< 10	N 10	N 20	100	< 20	N 10	N 50	< 10	N 20	N 200	N 10	N 20	300	N 200
67	0GS075C	N 50	N 20	20	< 10	N 10	N 20	100	50	N 10	N 50	10	N 20	N 200	N 10	N 20	700	N 200
68	0GS076C	N 50	N 20	50	30	N 10	N 20	500	30	N 10	N 50	20	N 20	N 200	N 10	N 20	200	N 200
69	0GS077C	N 50	N 20	< 20	10	N 10	N 20	100	70	N 10	N 50	10	< 20	N 200	N 10	N 20	300	N 200
70	0GS078C	N 50	N 20	70	30	N 10	N 20	500	50	N 10	N 50	20	N 20	N 200	N 10	N 20	200	N 200
71	0GS079C	N 50	N 20	< 20	50	N 10	N 20	N 100	50	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
72	0GS080C	N 50	30	N 20	30	N 10	N 20	< 100	500	N 10	N 50	< 10	< 20	N 200	N 10	N 20	200	N 200
73	0GS081C	N 50	N 20	70	10	N 10	N 20	300	30	N 10	N 50	10	< 20	N 200	N 10	N 20	300	N 200
74	0GS082C	N 50	N 20	< 20	< 10	N 10	N 20	< 100	50	N 10	N 50	N 10	N 20	N 200	N 10	N 20	1000	N 200
75	0GS083C	N 50	N 20	70	10	N 10	N 20	300	50	N 10	N 50	< 10	N 20	N 200	N 10	N 20	300	N 200
76	0GS084C	N 50	N 20	70	30	N 10	N 20	500	50	N 10	N 50	15	N 20	N 200	N 10	N 20	1000	N 200
77	0GS085C	N 50	N 20	70	30	N 10	N 20	300	30	N 10	N 50	20	30	N 200	N 10	N 20	700	N 200
78	0GS086C	N 50	N 20	70	10	N 10	N 20	200	200	N 10	N 50	10	< 20	N 200	N 10	N 20	< 200	N 200
79	0GS087C	N 50	N 20	20	< 10	N 10	N 20	200	50	N 10	N 50	< 10	N 20	N 200	N 10	N 20	< 200	N 200
80	0GS088C	N 50	N 20	N 20	N 10	N 10	N 20	> 2000	300	200	150	300	1000	N 200	15	20	N 200	1500

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S
81	0GS089C	N 50	N 20	50	700	15	N 20	100	150	N 10	50	70	2000	N 200	N 10	700	N 200	5000
82	0GS090C	N 50	N 20	50	15	20	N 20	> 2000	100	N 10	200	200	50	N 200	N 10	< 20	N 200	2000
83	0GS091C	N 50	N 20	300	< 10	50	N 20	< 100	70	N 10	N 50	50	< 20	1500	N 10	N 20	N 200	N 200
84	0GS092C	N 50	N 20	100	20	30	N 20	< 100	50	N 10	50	70	700	N 200	N 10	1500	N 200	1500
85	0GS093C	N 50	N 20	100	150	30	N 20	N 100	100	30	< 50	N 10	> 50000	N 200	N 10	700	N 200	N 200
86	0GS094C	N 50	N 20	100	20	20	N 20	N 100	70	N 10	70	500	1000	N 200	< 10	N 20	N 200	300
87	0GS095C	N 50	N 20	150	< 10	70	N 20	< 100	70	N 10	50	200	30	N 200	N 10	50	N 200	1500
88	0GS096C	N 50	N 20	N 20	10	N 10	N 20	> 2000	70	50	200	200	100	N 200	N 10	N 20	N 200	3000
89	0GS097C	N 50	N 20	N 20	< 10	< 10	N 20	> 2000	50	N 10	500	300	500	N 200	< 10	< 20	N 200	700
90	0GS098C	N 50	N 20	< 20	N 10	N 10	N 20	> 2000	700	< 10	1000	700	200	N 200	150	N 20	N 200	5000
91	0GS099C	N 50	N 20	200	N 10	15	N 20	2000	300	N 10	70	200	N 20	N 200	< 10	N 20	< 200	500
92	0GS100C	N 50	20	1500	< 10	15	N 20	300	700	N 10	50	300	N 20	N 200	20	1000	N 200	300
93	0GS102C	N 50	30	700	15	15	N 20	700	1000	N 10	50	300	N 20	N 200	50	N 20	N 200	200
94	0GS103C	N 50	< 20	150	20	< 10	N 20	300	300	N 10	N 50	300	500	N 200	< 10	70	N 200	< 200
95	0GS104C	N 50	20	500	15	20	N 20	500	500	N 10	50	700	700	N 200	15	500	N 200	300
96	0GS105C	N 50	20	200	20	10	N 20	700	700	N 10	< 50	500	< 20	N 200	20	50	N 200	200
97	0GS106C	N 50	< 20	150	150	N 10	N 20	300	300	N 10	50	500	N 20	N 200	10	N 20	N 200	< 200
98	0GS107C	N 50	50	700	100	< 10	N 20	1000	1000	N 10	< 50	700	20	N 200	50	30	N 200	700
99	0GS108C	N 50	50	500	30	< 10	N 20	300	700	N 10	< 50	500	N 20	N 200	20	500	N 200	N 200
100	0GS109C	N 50	20	300	50	10	N 20	500	500	N 10	< 50	500	200	N 200	15	20	N 200	< 200
101	0GS110C	N 50	20	300	70	10	N 20	150	500	N 10	N 50	300	500	N 200	10	N 20	N 200	N 200
102	0GS111C	N 50	30	1000	20	15	N 20	200	1000	N 10	< 50	500	N 20	N 200	20	N 20	N 200	N 200
103	0GS112C	N 50	N 20	20	15	15	N 20	N 100	70	N 10	N 50	200	N 20	N 200	N 10	N 20	< 200	N 200
104	0GS113C	N 50	20	200	30	< 10	N 20	700	700	N 10	< 50	700	N 20	N 200	15	N 20	N 200	500
105	0GS114C	N 50	30	500	20	10	N 20	500	700	N 10	70	500	500	N 200	15	N 20	N 200	< 200
106	0GS115C	N 50	N 20	N 20	30	N 10	N 20	1500	150	300	300	500	500	N 200	< 10	20	N 200	1000
107	0GS116C	N 50	N 20	< 20	50	10	N 20	2000	150	100	700	200	300	N 200	15	300	N 200	1500
108	0GS118C	N 50	N 20	N 20	N 10	< 10	N 20	700	300	10	100	300	100	N 200	< 10	< 20	N 200	1500
109	0GS119C	N 50	N 20	N 20	N 10	N 10	N 20	2000	500	N 10	200	1000	70	N 200	15	N 20	N 200	5000
110	0GS120C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	30	N 10	N 50	N 10	N 20	1000	N 10	N 20	N 200	N 200
111	0GS121C	N 50	< 20	< 20	10	N 10	N 20	200	50	N 10	N 50	N 10	< 20	N 200	N 10	N 20	< 200	N 200
112	0GS122C	N 50	< 20	100	30	N 10	N 20	300	70	N 10	< 50	300	70	N 200	< 10	N 20	< 200	N 200
113	0GS123C	N 50	N 20	50	70	N 10	N 20	150	< 20	N 10	50	500	< 20	N 200	20	N 20	N 200	N 200
114	0GS124C	N 50	N 20	100	100	15	N 20	< 100	70	N 10	70	500	2000	N 200	10	N 20	N 200	N 200
115	0GS126C	N 50	N 20	50	N 10	50	N 20	< 100	30	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200
116	0GS127C	N 50	N 20	100	N 10	50	N 20	N 100	50	N 10	N 50	N 10	< 20	N 200	N 10	N 20	N 200	1500
117	0GS128C	N 50	20	20	< 10	N 10	N 20	300	300	N 10	50	N 10	50	N 200	20	N 20	N 200	> 5000
118	0GS129C	N 50	20	N 20	N 10	N 10	N 20	500	300	N 10	100	N 10	150	N 200	20	N 20	N 200	> 5000
119	0GS131C	N 50	< 20	< 20	< 10	N 10	N 20	700	500	N 10	100	N 10	30	N 200	50	N 20	N 200	> 5000
120	0GS133C	N 50	N 20	N 20	< 10	N 10	N 20	1000	500	N 10	< 50	N 10	50	N 200	30	N 20	N 200	5000

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S
121	0GS135C	N 50	N 20	30	< 10	< 10	N 20	150	500	N 10	50	< 10	N 20	N 200	10	N 20	N 200	N 200
122	0GS136C	N 50	N 20	30	N 10	< 10	N 20	N 100	150	N 10	< 50	N 10	1000	N 200	< 10	N 20	N 200	N 200
123	0GS137C	N 50	< 20	< 20	N 10	N 10	N 20	< 100	70	N 10	50	N 10	20	N 200	N 10	N 20	N 200	N 200
124	0GS138C	N 50	N 20	< 20	N 10	N 10	N 20	100	100	N 10	< 50	N 10	500	N 200	< 10	N 20	N 200	N 200
125	1GS201C	N 50	30	700	70	< 10	N 20	500	500	N 10	< 50	500	20	N 200	10	300	N 200	< 200
126	1GS208C	N 50	N 20	20	20	N 10	N 20	N 100	50	N 10	N 50	100	N 20	N 200	N 10	1000	N 200	N 200
127	1GS209C	N 50	N 20	300	N 10	N 10	N 20	150	30	N 10	N 50	10	N 20	N 200	N 10	200	N 200	N 200
128	1GS210C	N 50	50	1500	N 10	N 10	N 20	300	150	N 10	< 50	500	N 20	N 200	50	200	N 200	< 200
129	1GS211C	N 50	50	2000	N 10	< 10	N 20	2000	1000	N 10	< 50	1000	150	N 200	150	N 20	N 200	1000
130	1GS212C	N 50	N 20	700	N 10	N 10	N 20	500	100	N 10	70	500	N 20	N 200	N 10	1000	N 200	200
131	1RDS1DC	N 50	< 20	N 20	N 10	< 10	N 20	> 2000	300	20	300	500	50	N 200	15	70	N 200	1500
132	1RDS2DC	N 50	N 20	N 20	N 10	15	N 20	> 2000	200	20	500	150	200	N 200	10	150	N 200	500
133	1RDS3DC	N 50	< 20	N 20	N 10	< 10	N 20	> 2000	150	15	300	300	30	N 200	20	100	N 200	1500
134	1RDS4DC	N 50	N 20	N 20	N 10	N 10	N 20	> 2000	300	N 10	1500	700	30	N 200	20	N 20	N 200	3000
135	1RDS5DC	N 50	N 20	N 20	10	N 10	N 20	> 2000	500	N 10	2000	700	50	N 200	> 200	N 20	N 200	> 5000
136	1RDS6DC	N 50	N 20	N 20	15	N 10	N 20	> 2000	500	N 10	1500	300	100	N 200	> 200	100	N 200	5000
137	1GS240C	N 50	N 20	500	100	N 10	N 20	300	150	N 10	< 50	500	N 20	N 200	N 10	50	N 200	N 200
138	1GS238C	N 50	N 20	50	< 10	50	N 20	100	70	N 10	50	200	2000	N 200	N 10	N 20	N 200	< 200
139	1GS237C1	N 50	N 20	100	100	30	N 20	N 100	150	N 10	50	10	> 50000	N 200	N 10	N 20	N 200	N 200
140	1GS237C2	N 50	N 20	70	150	50	N 20	N 100	20	20	< 50	< 10	> 50000	N 200	N 10	200	N 200	N 200
141	2GS311C	N 50	N 20	N 20	N 10	N 10	N 20	N 100	20	N 10	N 50	N 10	N 20	N 200	N 10	N 20	N 200	N 200

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
1		70	N 50	150	N 500	> 2000	N 100	N 100
2	0GS001C	70	2000	300	N 500	> 2000	N 100	N 100
3	0GS002C2	50	3000	500	N 500	> 2000	N 100	N 100
4	0GS003C	N 20	N 50	N 20	N 500	70	N 100	N 100
5	0GS004C	N 20	500	< 20	N 500	50	N 100	N 100
6	0GS005C	30	700	200	N 500	2000	N 100	N 100
7	0GS006C	< 20	70	< 20	N 500	700	N 100	N 100
8	0GS007C	N 20	N 50	< 20	N 500	50	N 100	N 100
9	0GS008C	< 20	N 50	< 20	N 500	1000	N 100	N 100
10	0GS009C	< 20	50	50	N 500	50	N 100	N 100
11	0GS010C	< 20	N 50	20	N 500	1000	N 100	N 100
12	0GS011C	20	100	30	N 500	2000	N 100	N 100
13	0GS012C	70	70	150	N 500	> 2000	N 100	N 100
14	0GS013C	20	N 50	30	N 500	50	N 100	N 100
15	0GS014C	20	N 50	200	N 500	> 2000	N 100	N 100
16	0GS015C	< 20	N 50	100	N 500	> 2000	N 100	N 100
17	0GS016C	30	N 50	20	N 500	2000	N 100	N 100
18	0GS017C	30	N 50	200	N 500	> 2000	N 100	N 100
19	0GS018C	< 20	N 50	150	N 500	1000	N 100	N 100
20	0GS019C	50	N 50	100	N 500	> 2000	N 100	N 100
21	0GS020C	< 20	N 50	200	N 500	700	N 100	N 100
22	0GS021C	N 20	N 50	50	N 500	150	N 100	N 100
23	0GS022C	< 20	N 50	20	N 500	> 2000	N 100	N 100
24	0GS025C	70	N 50	150	N 500	> 2000	N 100	N 100
25	0GS027C	200	N 50	20	N 500	100	N 100	N 100
26	0GS028C	30	< 50	150	N 500	> 2000	N 100	N 100
27	0GS029C	70	N 50	50	N 500	2000	N 100	N 100
28	0GS030C	100	N 50	< 20	N 500	300	N 100	N 100
29	0GS033C	< 20	N 50	< 20	N 500	50	N 100	N 100
30	0GS034C	< 20	N 50	N 20	N 500	70	N 100	N 100
31	0GS035C	20	N 50	< 20	N 500	1000	N 100	N 100
32	0GS036C	< 20	N 50	N 20	N 500	30	N 100	N 100
33	0GS039C	30	N 50	N 20	N 500	< 20	N 100	N 100
34	0GS040C	< 20	N 50	N 20	N 500	N 20	N 100	N 100
35	0GS041C	< 20	N 50	N 20	N 500	20	N 100	N 100
36	0GS042C	20	N 50	N 20	N 500	100	N 100	N 100
37	0GS043C	< 20	N 50	N 20	N 500	70	N 100	N 100
38	0GS044C	< 20	N 50	N 20	N 500	20	N 100	N 100
39	0GS045C	< 20	N 50	N 20	N 500	< 20	N 100	N 100
40	0GS046C	< 20	N 50	N 20	N 500	150	N 100	N 100

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
41	0GS047C	20	N 50	200	N 500	30	N 100	N 100
42	0GS048C	30	N 50	500	N 500	1500	N 100	N 100
43	0GS049C	30	N 50	500	N 500	30	N 100	N 100
44	0GS050C	20	N 50	30	N 500	> 2000	N 100	N 100
45	0GS051C	< 20	N 50	20	N 500	> 2000	N 100	N 100
46	0GS052C	50	N 50	300	N 500	200	N 100	N 100
47	0GS053C	70	N 50	500	N 500	300	N 100	N 100
48	0GS054C	30	N 50	300	N 500	> 2000	N 100	N 100
49	0GS055C	150	N 50	500	N 500	200	N 100	N 100
50	0GS056C	70	N 50	500	N 500	700	N 100	N 100
51	0GS058C	30	N 50	200	N 500	70	N 100	N 100
52	0GS059C	< 20	N 50	< 20	N 500	1000	N 100	N 100
53	0GS060C	< 20	N 50	N 20	N 500	1000	N 100	N 100
54	0GS061C	30	N 50	500	N 500	> 2000	N 100	N 100
55	0GS062C	30	N 50	200	N 500	> 2000	N 100	N 100
56	0GS064C	50	N 50	300	N 500	50	N 100	N 100
57	0GS065C	50	N 50	500	N 500	50	N 100	N 100
58	0GS066C	30	N 50	100	N 500	2000	N 100	N 100
59	0GS067C	50	N 50	150	N 500	1000	N 100	N 100
60	0GS068C	20	N 50	150	N 500	50	N 100	N 100
61	0GS069C	30	N 50	200	N 500	100	N 100	N 100
62	0GS070C	20	N 50	200	N 500	500	N 100	N 100
63	0GS071C	70	N 50	500	700	30	N 100	N 100
64	0GS072C	< 20	N 50	200	N 500	70	N 100	N 100
65	0GS073C	30	N 50	500	N 500	500	N 100	N 100
66	0GS074C	20	N 50	150	N 500	500	N 100	N 100
67	0GS075C	20	N 50	150	N 500	70	N 100	N 100
68	0GS076C	30	N 50	70	N 500	30	N 100	N 100
69	0GS077C	20	N 50	100	N 500	1500	N 100	N 100
70	0GS078C	50	N 50	1000	N 500	30	N 100	N 100
71	0GS079C	< 20	N 50	20	N 500	> 2000	N 100	N 100
72	0GS080C	N 20	N 50	100	N 500	1000	N 100	N 100
73	0GS081C	50	N 50	300	N 500	300	N 100	N 100
74	0GS082C	< 20	N 50	50	N 500	100	N 100	N 100
75	0GS083C	70	N 50	500	N 500	700	N 100	N 100
76	0GS084C	20	N 50	1000	N 500	20	N 100	N 100
77	0GS085C	50	N 50	500	N 500	300	N 100	N 100
78	0GS086C	50	N 50	150	N 500	> 2000	N 100	N 100
79	0GS087C	< 20	N 50	100	N 500	1500	N 100	N 100
80	0GS088C	< 20	200	1500	N 500	> 2000	N 100	N 100

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
81	OGS089C	70	300	150	N 500	> 2000	N 100	N 100
82	OGS090C	30	N 50	300	N 500	> 2000	N 100	N 100
83	OGS091C	50	N 50	50	N 500	> 2000	N 100	N 100
84	OGS092C	70	150	70	N 500	> 2000	N 100	N 100
85	OGS093C	150	100	20	N 500	1500	N 100	N 100
86	OGS094C	70	< 50	300	N 500	> 2000	N 100	N 100
87	OGS095C	100	200	50	N 500	> 2000	N 100	N 100
88	OGS096C	N 20	300	1000	N 500	> 2000	N 100	N 100
89	OGS097C	N 20	200	1500	N 500	> 2000	N 100	N 100
90	OGS098C	N 20	2000	5000	N 500	> 2000	N 100	N 100
91	OGS099C	100	N 50	500	N 500	> 2000	N 100	N 100
92	OGS100C	70	N 50	150	N 500	> 2000	N 100	N 100
93	OGS102C	100	N 50	300	N 500	> 2000	N 100	N 100
94	OGS103C	30	N 50	100	N 500	> 2000	N 100	N 100
95	OGS104C	50	N 50	100	N 500	> 2000	N 100	N 100
96	OGS105C	70	N 50	150	N 500	> 2000	N 100	N 100
97	OGS106C	70	< 50	70	N 500	> 2000	N 100	N 100
98	OGS107C	100	N 50	500	N 500	> 2000	N 100	N 100
99	OGS108C	100	N 50	150	N 500	> 2000	N 100	N 100
100	OGS109C	70	N 50	200	N 500	> 2000	N 100	N 100
101	OGS110C	70	N 50	70	N 500	> 2000	N 100	N 100
102	OGS111C	100	< 50	70	N 500	> 2000	N 100	N 100
103	OGS112C	< 20	N 50	20	N 500	> 2000	N 100	N 100
104	OGS113C	70	N 50	300	N 500	> 2000	N 100	N 100
105	OGS114C	100	N 50	150	N 500	> 2000	N 100	N 100
106	OGS115C	N 20	5000	1000	N 500	> 2000	N 100	N 100
107	OGS116C	N 20	3000	2000	N 500	> 2000	N 100	N 100
108	OGS118C	N 20	300	500	N 500	> 2000	N 100	N 100
109	OGS119C	N 20	500	1000	N 500	> 2000	N 100	N 100
110	OGS120C	N 20	N 50	N 20	N 500	700	N 100	N 100
111	OGS121C	< 20	N 50	N 20	N 500	1000	N 100	N 100
112	OGS122C	20	N 50	300	N 500	> 2000	N 100	N 100
113	OGS123C	30	N 50	500	N 500	> 2000	N 100	N 100
114	OGS124C	50	< 50	300	N 500	> 2000	N 100	N 100
115	OGS126C	30	100	< 20	N 500	1500	N 100	N 100
116	OGS127C	50	50	20	N 500	2000	N 100	N 100
117	OGS128C	N 20	N 50	500	N 500	> 2000	N 100	N 100
118	OGS129C	N 20	N 50	1000	N 500	> 2000	N 100	N 100
119	OGS131C	N 20	N 50	700	N 500	> 2000	N 100	N 100
120	OGS133C	< 20	N 50	700	N 500	> 2000	N 100	N 100

Table 8.--Sample description and analytical data for heavy-mineral-concentrate samples...(continued).

INDEX	FIELD NO.	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
121	0GS135C	70	< 50	150	N 500	1000	N 100	N 100
122	0GS136C	70	50	100	N 500	> 2000	N 100	N 100
123	0GS137C	20	N 50	50	N 500	2000	N 100	N 100
124	0GS138C	30	N 50	150	N 500	> 2000	N 100	N 100
125	1GS201C	150	N 50	70	N 500	> 2000	N 100	N 100
126	1GS208C	50	N 50	50	N 500	> 2000	N 100	N 100
127	1GS209C	20	N 50	30	N 500	1500	N 100	N 100
128	1GS210C	150	N 50	150	N 500	> 2000	N 100	N 100
129	1GS211C	500	N 50	500	N 500	> 2000	N 100	N 100
130	1GS212C	70	100	150	N 500	> 2000	N 100	N 100
131	1RDS1DC	20	300	1500	N 500	> 2000	N 100	N 100
132	1RDS2DC	20	1000	1000	N 500	> 2000	N 100	N 100
133	1RDS3DC	50	150	2000	N 500	> 2000	N 100	N 100
134	1RDS4DC	N 20	70	5000	N 500	> 2000	N 100	N 100
135	1RDS5DC	N 20	300	5000	N 500	> 2000	N 100	N 100
136	1RDS6DC	N 20	100	5000	N 500	> 2000	N 100	N 100
137	1GS240C	200	N 50	30	N 500	> 2000	N 100	N 100
138	1GS238C	50	200	100	N 500	> 2000	N 100	N 100
139	1GS237C1	30	N 50	20	N 500	1500	N 100	N 100
140	1GS237C2	50	N 50	N 20	N 500	1500	N 100	N 100
141	2GS311C	< 20	N 50	N 20	N 500	100	N 100	N 100

Table 9.--Sample description and analytical data for magnetite samples collected from the Goshute Indian Reservation, NV and UT.

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA	SAMPLE CHARACTER	SAMPLE SOURCE
1	0GS001M	39.76302	114.00548	39	45	47	114	0	20	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
2	0GS002M	39.76252	114.00589	39	45	45	114	0	21	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
3	0GS003M	39.75596	114.02828	39	45	21	114	1	42	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
4	0GS004M	39.7586	114.02192	39	45	31	114	1	19	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
5	0GS005M	39.76047	114.01436	39	45	38	114	0	52	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
6	0GS006M	39.76462	114.0111	39	45	53	114	0	40	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
7	0GS007M	39.77221	114.0126	39	46	20	114	0	45	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
8	0GS008M	39.77409	114.01038	39	46	27	114	0	37	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
9	0GS009M	39.77493	114.01257	39	46	30	114	0	45	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
10	0GS010M	39.77852	114.01377	39	46	43	114	0	50	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
11	0GS011M	39.78031	114.01237	39	46	49	114	0	45	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
12	0GS012M	39.78068	114.01156	39	46	50	114	0	42	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
13	0GS013M	39.78369	114.0129	39	47	1	114	0	46	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
14	0GS014M	39.78434	114.01086	39	47	4	114	0	39	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
15	0GS015M	39.78852	114.01089	39	47	19	114	0	39	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
16	0GS016M	39.79124	114.01275	39	47	28	114	0	46	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
17	0GS017M	39.79517	114.01186	39	47	43	114	0	43	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
18	0GS018M	39.79597	114.01277	39	47	45	114	0	46	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
19	0GS019M	39.80156	114.01018	39	48	6	114	0	37	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
20	0GS020M	39.79863	114.02934	39	47	55	114	1	46	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
21	0GS021M	39.79727	114.02796	39	47	50	114	1	41	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
22	0GS022M	39.80292	114.02798	39	48	11	114	1	41	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
23	0GS023M	39.80297	114.02472	39	48	11	114	1	29	UT	Juab	magnetite from MINE DUMP collected w/ magnet in field	composite	mine dump
24	0GS025M	39.80746	114.01103	39	48	27	114	0	40	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
25	0GS026M	39.8085	114.013	39	48	31	114	0	47	UT	Juab	magnetite from MINE DUMP collected w/ magnet in field	composite	mine dump
26	0GS027M	39.81317	114.01375	39	48	47	114	0	49	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
27	0GS028M	39.81589	114.01187	39	48	57	114	0	43	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
28	0GS029M	39.82934	114.01937	39	49	46	114	1	10	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
29	0GS030M	39.82635	114.01611	39	49	35	114	0	58	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
30	0GS031M	39.81195	114.02377	39	48	43	114	1	26	UT	Juab	magnetite from MINE DUMP collected w/ magnet in field	composite	mine dump
31	0GS032M	39.81165	114.02268	39	48	42	114	1	22	UT	Juab	magnetite from MINE DUMP collected w/ magnet in field	composite	mine dump
32	0GS033M	39.81531	114.021	39	48	55	114	1	16	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
33	0GS034M	39.83387	114.01584	39	50	2	114	0	57	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
34	0GS035M	39.83694	114.01905	39	50	13	114	1	9	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
35	0GS036M	39.8529	114.02899	39	51	10	114	1	44	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
36	0GS039M	39.84045	114.04143	39	50	26	114	2	29	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
37	0GS040M	39.83915	114.0452	39	50	21	114	2	43	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
38	0GS041M	39.83381	114.04941	39	50	2	114	2	58	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
39	0GS042M	39.81996	114.05356	39	49	12	114	3	13	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
40	0GS043M	39.8204	114.05461	39	49	13	114	3	17	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA	SAMPLE CHARACTER	SAMPLE SOURCE
41	0GS044M	39.82616	114.05403	39	49	34	114	3	15	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
42	0GS045M	39.83245	114.05385	39	49	57	114	3	14	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
43	0GS046M	39.82151	114.06634	39	49	17	114	3	59	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
44	0GS047M	39.83124	114.05846	39	49	52	114	3	30	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
45	0GS048M	39.83555	114.06979	39	50	8	114	4	11	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
46	0GS049M	39.83442	114.07432	39	50	4	114	4	28	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
47	0GS050M	39.85124	114.07392	39	51	4	114	4	26	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
48	0GS051M	39.85266	114.08398	39	51	10	114	5	2	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
49	0GS052M	39.82535	114.11872	39	49	31	114	7	7	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
50	0GS053M	39.8262	114.11809	39	49	34	114	7	5	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
51	0GS054M	39.82625	114.12109	39	49	34	114	7	16	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
52	0GS055M	39.83044	114.11963	39	49	50	114	7	11	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
53	0GS056M	39.83945	114.114	39	50	22	114	6	50	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
54	0GS058M	39.84196	114.11327	39	50	31	114	6	48	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
55	0GS059M	39.84015	114.10825	39	50	25	114	6	30	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
56	0GS060M	39.84598	114.09946	39	50	46	114	5	58	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
57	0GS061M	39.85076	114.12118	39	51	3	114	7	16	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
58	0GS062M	39.86068	114.11549	39	51	38	114	6	56	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
59	0GS064M	39.81376	114.1164	39	48	50	114	6	59	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
60	0GS065M	39.81338	114.11703	39	48	48	114	7	1	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
61	0GS066M	39.80936	114.11946	39	48	34	114	7	10	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
62	0GS067M	39.80563	114.12088	39	48	20	114	7	15	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
63	0GS068M	39.80539	114.11846	39	48	19	114	7	6	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
64	0GS069M	39.79607	114.11967	39	47	46	114	7	11	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
65	0GS070M	39.79317	114.11999	39	47	35	114	7	12	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
66	0GS071M	39.79087	114.11664	39	47	27	114	6	60	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
67	0GS072M	39.79229	114.10767	39	47	32	114	6	28	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
68	0GS073M	39.79088	114.10506	39	47	27	114	6	18	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
69	0GS074M	39.79192	114.10251	39	47	31	114	6	9	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
70	0GS075M	39.79736	114.09545	39	47	50	114	5	44	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
71	0GS076M	39.79966	114.09614	39	47	59	114	5	46	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
72	0GS077M	39.8027	114.08771	39	48	10	114	5	16	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
73	0GS078M	39.80445	114.09238	39	48	16	114	5	33	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
74	0GS079M	39.78079	114.07188	39	46	51	114	4	19	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
75	0GS080M	39.77795	114.07407	39	46	41	114	4	27	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
76	0GS081M	39.78156	114.08728	39	46	54	114	5	14	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
77	0GS082M	39.78179	114.08847	39	46	54	114	5	18	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
78	0GS083M	39.77841	114.10087	39	46	42	114	6	3	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
79	0GS084M	39.77318	114.11382	39	46	23	114	6	50	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
80	0GS085M	39.77327	114.12178	39	46	24	114	7	18	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA	SAMPLE CHARACTER	SAMPLE SOURCE
81	0GS086M	39.78403	114.13428	39	47	3	114	8	3	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
82	0GS087M	39.78895	114.129	39	47	20	114	7	44	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
83	0GS088M	39.82408	113.9713	39	49	27	113	58	17	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
84	0GS089M	39.82301	113.97199	39	49	23	113	58	19	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
85	0GS090M	39.80916	113.97869	39	48	33	113	58	43	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
86	0GS091M	39.81082	113.98226	39	48	39	113	58	56	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
87	0GS092M	39.81478	113.97097	39	48	53	113	58	15	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
88	0GS093M	39.80357	113.95898	39	48	13	113	57	32	UT	Juab	magnetite from MINE DUMP collected w/ magnet in field	composite	mine dump
89	0GS094M	39.80945	113.96975	39	48	34	113	58	11	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
90	0GS095M	39.81159	113.96965	39	48	42	113	58	11	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
91	0GS096M	39.83333	113.96314	39	50	0	113	57	47	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
92	0GS097M	39.83682	113.96167	39	50	13	113	57	42	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
93	0GS098M	39.84676	113.95595	39	50	48	113	57	21	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
94	0GS099M	39.95757	114.11194	39	57	27	114	6	43	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
95	0GS100M	39.97411	114.11772	39	58	27	114	7	4	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
96	0GS101M	39.94541	114.19478	39	56	43	114	11	41	NV	White Pine	magnetite from SOIL collected w/ magnet in field	composite	soil
97	0GS102M	39.90858	114.18404	39	54	31	114	11	3	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
98	0GS103M	39.90985	114.16865	39	54	35	114	10	7	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
99	0GS104M	39.89764	114.18395	39	53	52	114	11	2	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
100	0GS105M	39.88619	114.18349	39	53	10	114	11	1	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
101	0GS106M	39.89259	114.16763	39	53	33	114	10	3	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
102	0GS107M	39.90017	114.1627	39	54	1	114	9	46	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
103	0GS108M	39.85608	114.20882	39	51	22	114	12	32	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
104	0GS109M	39.86916	114.21177	39	52	9	114	12	42	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
105	0GS110M	39.87209	114.19926	39	52	20	114	11	57	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
106	0GS111M	39.86551	114.19167	39	51	56	114	11	30	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
107	0GS112M	39.86649	114.18787	39	51	59	114	11	16	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
108	0GS113M	39.87841	114.18894	39	52	42	114	11	20	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
109	0GS114M	39.87777	114.16271	39	52	40	114	9	46	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
110	0GS115M	39.85523	113.9474	39	51	19	113	56	51	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
111	0GS116M	39.86151	113.94692	39	51	41	113	56	49	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
112	0GS118M	39.87191	113.94847	39	52	19	113	56	54	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
113	0GS119M	39.87979	113.9536	39	52	47	113	57	13	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
114	0GS120M	39.74484	114.05324	39	44	41	114	3	12	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
115	0GS121M	39.73757	114.05409	39	44	15	114	3	15	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
116	0GS122M	39.72731	114.05271	39	43	38	114	3	10	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
117	0GS123M	39.73278	114.01865	39	43	58	114	1	7	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
118	0GS124M	39.73132	114.01767	39	43	53	114	1	4	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
119	0GS125M	39.73018	114.01753	39	43	49	114	1	3	UT	Juab	magnetite from MINE DUMP collected w/ magnet in field	composite	mine dump
120	0GS126M	39.9065	113.94208	39	54	23	113	56	31	UT	Tooele	magnetite from str. sed. collected w/ magnet in field	composite	drainage

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE MEDIA	SAMPLE CHARACTER	SAMPLE SOURCE
121	0GS127M	39.90207	113.936	39	54	7	113	56	10	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
122	0GS128M	39.89723	113.93007	39	53	50	113	55	48	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
123	0GS129M	39.89625	113.9302	39	53	47	113	55	49	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
124	0GS131M	39.90043	113.93852	39	54	2	113	56	19	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
125	0GS133M	39.89263	113.94472	39	53	33	113	56	41	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
126	0GS135M	39.70792	113.94006	39	42	29	113	56	24	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
127	0GS136M	39.72108	113.90774	39	43	16	113	54	28	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
128	0GS137M	39.68256	113.98776	39	40	57	113	59	16	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
129	0GS138M	39.69194	113.96538	39	41	31	113	57	55	UT	Juab	magnetite from str. sed. collected w/ magnet in field	composite	drainage
130	1GS208M	39.89829	114.16575	39	53	54	114	9	57	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
131	1GS209M	39.90054	114.17516	39	54	2	114	10	31	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
132	1GS210M	39.90551	114.17265	39	54	20	114	10	22	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
133	1GS211M	39.90684	114.16277	39	54	25	114	9	46	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage
134	1GS212M	39.8929	114.18191	39	53	34	114	10	55	NV	White Pine	magnetite from str. sed. collected w/ magnet in field	composite	drainage

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	CD PPM S	Co PPM S	Cr PPM S	CU PPM S	Ga PPM S	Ge PPM S
1	0GS001M	N 0.1	20	1	< 0.5	N 0.5	1.5	N 1	N 500	N 20	70	1000	5	N 20	N 50	30	50	20	100	N 20
2	0GS002M	< 0.1	30	0.7	1	N 0.5	0.7	N 1	N 500	N 20	100	1500	7	N 20	N 50	300	50	100	150	N 20
3	0GS003M	5	50	2	< 0.5	N 0.5	0.7	N 1	N 500	N 20	150	700	3	N 20	N 50	150	50	150	100	N 20
4	0GS004M	1.5	50	1.5	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	500	3	N 20	N 50	70	50	200	100	N 20
5	0GS005M	0.2	50	0.5	< 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	700	3	N 20	N 50	100	50	200	70	N 20
6	0GS006M	1.5	> 50	1.5	< 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	2	N 20	N 50	300	500	200	200	N 20
7	0GS007M	1.5	> 50	2	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	5	N 20	N 50	200	1000	200	100	N 20
8	0GS008M	0.7	50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	3	N 20	N 50	300	500	300	150	N 20
9	0GS009M	1	> 50	0.5	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	700	15	N 20	N 50	100	< 20	200	200	N 20
10	0GS010M	1	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	1000	10	N 20	N 50	200	700	200	150	N 20
11	0GS011M	1.5	50	0.7	< 0.5	N 0.5	1	N 1	N 500	N 20	20	1500	5	N 20	N 50	150	30	150	70	N 20
12	0GS012M	0.3	30	1.5	1	N 0.5	2	N 1	N 500	N 20	< 20	1500	2	N 20	N 50	30	100	70	100	N 20
13	0GS013M	1.5	> 50	1	N 0.5	N 0.5	> 2	5	N 500	N 20	N 20	300	5	N 20	N 50	150	700	300	200	N 20
14	0GS014M	0.1	> 50	0.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	500	50	500	100	N 20
15	0GS015M	0.15	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	200	500	200	150	N 20
16	0GS016M	1	> 50	0.7	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	200	7	N 20	N 50	50	70	150	70	N 20
17	0GS017M	0.15	> 50	0.5	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	500	5	N 20	N 50	200	50	200	70	N 20
18	0GS018M	1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	3	N 20	N 50	200	500	200	150	N 20
19	0GS019M	0.15	50	0.7	N 0.5	N 0.5	1	N 1	N 500	N 20	< 20	1000	< 2	N 20	N 50	300	30	150	70	N 20
20	0GS020M	1	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	2	N 20	N 50	200	150	200	100	N 20
21	0GS021M	1	> 50	1	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	500	3	N 20	N 50	150	150	300	150	N 20
22	0GS022M	1	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	5	N 20	N 50	200	1000	200	100	N 20
23	0GS023M	1	> 50	0.5	N 0.5	N 0.5	0.5	1.5	700	N 20	100	5000	< 2	N 20	N 50	70	1500	300	70	N 20
24	0GS025M	0.2	> 50	0.2	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	500	1000	100	200	N 20
25	0GS026M	1	> 50	0.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	100	N 2	N 20	N 50	200	1000	1500	150	N 20
26	0GS027M	1.5	> 50	0.7	N 0.5	N 0.5	1	1	500	N 20	N 20	700	7	N 20	N 50	150	50	1000	70	N 20
27	0GS028M	0.2	> 50	0.5	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	300	< 2	N 20	N 50	200	500	150	200	N 20
28	0GS029M	1.5	> 50	0.7	N 0.5	N 0.5	1.5	N 1	500	N 20	N 20	1000	7	N 20	N 50	100	200	150	150	N 20
29	0GS030M	1	> 50	0.5	N 0.5	N 0.5	1	N 1	1000	N 20	< 20	1000	10	N 20	N 50	70	100	150	100	N 20
30	0GS031M	2	> 50	0.7	N 0.5	N 0.5	2	300	N 500	N 20	N 20	500	N 2	N 20	N 50	200	700	2000	150	N 20
31	0GS032M	2	> 50	0.2	N 0.5	N 0.5	0.3	2	N 500	N 20	N 20	200	N 2	N 20	N 50	> 5000	100	2000	100	N 20
32	0GS033M	1	> 50	0.7	N 0.5	N 0.5	1.5	20	< 500	N 20	N 20	700	10	N 20	N 50	700	70	700	150	N 20
33	0GS034M	0.5	50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	150	1000	150	100	N 20
34	0GS035M	0.7	50	0.5	N 0.5	N 0.5	2	< 1	N 500	N 20	N 20	200	< 2	N 20	N 50	100	500	300	100	N 20
35	0GS036M	1.5	50	2	N 0.5	N 0.5	> 2	2	N 500	N 20	N 20	500	N 2	N 20	N 50	200	1500	200	300	N 20
36	0GS039M	1	50	1.5	N 0.5	N 0.5	> 2	3	N 500	N 20	N 20	200	< 2	N 20	N 50	200	1000	300	200	N 20
37	0GS040M	0.3	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	3	N 20	N 50	200	700	150	N 10	N 20
38	0GS041M	1.5	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	150	1500	200	N 10	N 20
39	0GS042M	1.5	50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	100	3000	150	70	N 20
40	0GS043M	1	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	1000	2	N 20	N 50	150	3000	100	N 10	N 20

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	CD PPM S	Co PPM S	Cr PPM S	CU PPM S	Ga PPM S	Ge PPM S
41	0GS044M	0.7	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	< 2	N 20	N 50	200	1500	500	< 10	N 20
42	0GS045M	0.5	50	0.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	200	1000	150	< 10	N 20
43	0GS046M	0.3	50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	< 2	N 20	N 50	150	700	200	N 10	N 20
44	0GS047M	1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	< 2	N 20	N 50	200	1500	150	N 10	N 20
45	0GS048M	1	50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	100	1000	200	< 10	N 20
46	0GS049M	1.5	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	1000	2	N 20	N 50	70	1500	300	50	N 20
47	0GS050M	0.7	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	N 2	N 20	N 50	2000	2000	500	50	N 20
48	0GS051M	1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	1000	2	N 20	N 50	150	1000	300	70	N 20
49	0GS052M	1.5	50	0.5	N 0.5	N 0.5	2	N 1	N 500	N 20	20	300	< 2	N 20	N 50	70	200	70	N 10	N 20
50	0GS053M	1.5	> 50	0.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	< 20	500	3	N 20	N 50	100	700	200	N 10	N 20
51	0GS054M	0.3	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	300	5000	100	70	N 20
52	0GS055M	0.5	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	200	2000	300	< 10	N 20
53	0GS056M	1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	200	1000	100	N 10	N 20
54	0GS058M	0.7	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	150	1500	200	N 10	N 20
55	0GS059M	0.7	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	150	1500	300	< 10	N 20
56	0GS060M	0.2	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	150	1000	500	50	N 20
57	0GS061M	0.1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	50	N 2	N 20	N 50	200	1500	70	50	N 20
58	0GS062M	0.15	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	150	N 2	N 20	N 50	300	1000	300	50	N 20
59	0GS064M	1	> 50	0.7	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	500	2	N 20	N 50	150	150	200	20	N 20
60	0GS065M	1	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	150	2000	150	30	N 20
61	0GS066M	0.5	> 50	2	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	500	5000	200	70	N 20
62	0GS067M	0.7	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	300	3000	100	50	N 20
63	0GS068M	0.3	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	150	N 2	N 20	N 50	500	5000	200	70	N 20
64	0GS069M	1	> 50	0.7	N 0.5	N 0.5	2	N 1	N 500	N 20	< 20	500	< 2	N 20	N 50	200	200	150	10	N 20
65	0GS070M	2	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	150	1000	200	20	N 20
66	0GS071M	2	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	30	700	< 2	N 20	N 50	100	500	200	50	N 20
67	0GS072M	1.5	> 50	1	N 0.5	N 0.5	0.5	N 1	N 500	N 20	20	300	3	N 20	N 50	70	70	100	N 10	N 20
68	0GS073M	1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	< 20	500	2	N 20	N 50	100	200	100	< 10	N 20
69	0GS074M	0.7	> 50	0.7	N 0.5	N 0.5	1	N 1	N 500	N 20	< 20	500	3	N 20	N 50	300	70	70	N 10	N 20
70	0GS075M	1	> 50	0.7	N 0.5	N 0.5	> 2	< 1	N 500	N 20	N 20	700	2	N 20	N 50	150	700	150	N 10	N 20
71	0GS076M	1	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	2	N 20	N 50	200	1000	200	N 10	N 20
72	0GS077M	0.7	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	700	3	N 20	N 50	200	700	300	50	N 20
73	0GS078M	1.5	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	1000	2	N 20	N 50	100	1000	200	20	N 20
74	0GS079M	0.7	50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	< 20	200	N 2	N 20	N 50	100	100	100	50	N 20
75	0GS080M	0.5	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	< 20	300	N 2	N 20	N 50	200	2000	150	100	N 20
76	0GS081M	0.7	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	2	N 20	N 50	100	700	100	100	N 20
77	0GS082M	0.5	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	< 2	N 20	N 50	200	1500	150	200	N 20
78	0GS083M	1.5	> 50	1	N 0.5	N 0.5	1.5	N 1	N 500	N 20	< 20	700	3	N 20	N 50	70	150	300	100	N 20
79	0GS084M	0.5	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	< 20	300	N 2	N 20	N 50	100	1000	500	200	N 20
80	0GS085M	2	> 50	1	N 0.5	N 0.5	2	N 1	N 500	N 20	20	500	3	N 20	N 50	100	500	100	100	N 20

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	CD PPM S	Co PPM S	Cr PPM S	CU PPM S	Ga PPM S	Ge PPM S
81	0GS086M	0.5	> 50	1.5	N 0.5	N 0.5	> 2	< 1	N 500	N 20	N 20	200	N 2	N 20	N 50	200	1500	300	500	N 20
82	0GS087M	0.2	50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	100	N 2	N 20	N 50	150	700	500	300	N 20
83	0GS088M	0.2	> 50	0.3	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	30	1000	10	500	N 20
84	0GS089M	0.1	50	0.1	N 0.5	N 0.5	0.5	N 1	N 500	N 20	N 20	N 50	N 2	N 20	N 50	20	1000	10	500	N 20
85	0GS090M	0.15	50	0.1	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	N 50	N 2	N 20	N 50	< 20	300	< 10	500	N 20
86	0GS091M	0.15	> 50	0.3	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	50	N 2	N 20	N 50	20	700	20	500	N 20
87	0GS092M	0.2	> 50	0.2	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	50	N 2	N 20	N 50	30	2000	15	500	N 20
88	0GS093M	< 0.1	30	0.2	N 0.5	N 0.5	0.2	1	< 500	N 20	< 20	< 50	N 2	N 20	N 50	200	50	200	100	N 20
89	0GS094M	0.3	30	0.5	< 0.5	N 0.5	0.3	N 1	N 500	N 20	N 20	500	3	N 20	N 50	50	500	70	150	N 20
90	0GS095M	0.15	> 50	0.15	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	30	1500	10	500	N 20
91	0GS096M	0.1	50	< 0.05	N 0.5	N 0.5	0.3	N 1	N 500	N 20	N 20	N 50	N 2	N 20	N 50	20	200	< 10	300	N 20
92	0GS097M	0.2	> 50	0.1	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	30	500	< 10	200	N 20
93	0GS098M	0.2	> 50	< 0.05	N 0.5	N 0.5	1.5	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	< 20	100	< 10	300	N 20
94	0GS099M	0.2	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	70	N 2	N 20	N 50	150	2000	100	200	N 20
95	0GS100M	0.15	50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	100	N 2	N 20	N 50	150	700	20	150	N 20
96	0GS101M	0.3	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	200	2000	100	200	N 20
97	0GS102M	0.5	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	200	2000	150	300	N 20
98	0GS103M	0.3	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	150	1500	150	200	N 20
99	0GS104M	0.2	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	200	2000	100	150	N 20
100	0GS105M	0.3	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	150	1500	100	150	N 20
101	0GS106M	0.3	50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	150	1000	150	200	N 20
102	0GS107M	0.3	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	N 2	N 20	N 50	200	1000	200	200	N 20
103	0GS108M	0.1	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	200	1500	300	150	N 20
104	0GS109M	< 0.1	50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	100	N 2	N 20	N 50	150	1000	100	100	N 20
105	0GS110M	0.15	> 50	1.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	200	1000	70	300	N 20
106	0GS111M	0.1	50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	70	N 2	N 20	N 50	100	500	70	200	N 20
107	0GS112M	0.2	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	200	2000	70	300	N 20
108	0GS113M	0.15	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	200	1500	200	300	N 20
109	0GS114M	0.1	30	0.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	150	N 2	N 20	N 50	100	300	100	100	N 20
110	0GS115M	0.2	> 50	0.05	N 0.5	N 0.5	0.5	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	< 20	150	< 10	1000	N 20
111	0GS116M	0.2	> 50	< 0.05	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	< 20	500	< 10	700	N 20
112	0GS118M	< 0.1	> 50	0.05	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	N 50	N 2	N 20	N 50	< 20	1000	N 10	700	N 20
113	0GS119M	< 0.1	> 50	0.05	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	N 50	N 2	N 20	N 50	< 20	1500	N 10	500	N 20
114	0GS120M	0.3	> 50	1	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	500	5	N 20	N 50	300	1000	200	200	N 20
115	0GS121M	0.3	> 50	0.7	N 0.5	N 0.5	> 2	N 1	N 500	N 20	< 20	300	5	N 20	N 50	700	700	500	150	N 20
116	0GS122M	0.15	50	0.7	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	300	2	N 20	N 50	300	500	200	200	N 20
117	0GS123M	< 0.1	> 50	0.3	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	500	2	N 20	N 50	300	70	200	100	N 20
118	0GS124M	< 0.1	> 50	0.5	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	300	3	N 20	N 50	500	300	150	100	N 20
119	0GS125M	< 0.1	> 50	0.1	N 0.5	N 0.5	0.3	< 1	N 500	N 20	N 20	150	N 2	N 20	N 50	700	500	2000	150	N 20
120	0GS126M	< 0.1	50	0.1	N 0.5	N 0.5	0.5	N 1	N 500	N 20	N 20	70	N 2	N 20	N 50	50	300	30	200	N 20

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	CD PPM S	Co PPM S	Cr PPM S	CU PPM S	Ga PPM S	Ge PPM S
121	0GS127M	0.1	50	0.1	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	20	1500	< 10	150	N 20
122	0GS128M	0.15	50	0.1	N 0.5	N 0.5	0.7	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	30	1500	N 10	150	N 20
123	0GS129M	0.2	50	0.15	N 0.5	N 0.5	1	N 1	N 500	N 20	N 20	50	N 2	N 20	N 50	30	2000	N 10	200	N 20
124	0GS131M	0.15	30	0.1	< 0.5	N 0.5	0.7	N 1	N 500	N 20	20	N 50	N 2	N 20	N 50	20	1000	< 10	200	N 20
125	0GS133M	0.1	20	0.1	N 0.5	N 0.5	0.5	N 1	N 500	N 20	20	< 50	N 2	N 20	N 50	< 20	500	N 10	150	N 20
126	0GS135M	0.3	50	0.2	N 0.5	N 0.5	2	N 1	N 500	N 20	50	700	2	N 20	N 50	300	200	500	100	N 20
127	0GS136M	< 0.1	50	0.1	N 0.5	N 0.5	0.2	N 1	N 500	N 20	50	200	N 2	N 20	N 50	150	50	100	100	N 20
128	0GS137M	N 0.1	30	0.1	N 0.5	N 0.5	0.15	N 1	N 500	N 20	30	< 50	N 2	N 20	N 50	70	100	15	70	N 20
129	0GS138M	N 0.1	50	0.15	N 0.5	N 0.5	0.2	N 1	N 500	N 20	N 20	70	N 2	N 20	N 50	70	500	20	150	N 20
130	1GS208M	0.1	20	0.5	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	300	N 2	N 20	N 50	100	500	100	N 10	N 20
131	1GS209M	0.1	30	0.3	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	200	N 2	N 20	N 50	150	500	100	N 10	N 20
132	1GS210M	0.15	50	0.5	N 0.5	N 0.5	> 2	N 1	N 500	N 20	N 20	100	N 2	N 20	N 50	200	700	100	< 10	N 20
133	1GS211M	0.1	30	0.5	N 0.5	N 0.5	2	N 1	N 500	N 20	N 20	< 50	N 2	N 20	N 50	100	700	70	N 10	N 20
134	1GS212M	0.1	30	0.3	N 0.5	N 0.5	2	N 1	N 500	N 20	< 20	50	N 2	N 20	N 50	100	300	70	10	N 20

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
1	0GS001M	< 100	1500	N 10	N 50	30	30	N 200	N 10	N 20	N 200	N 200	200	N 50	< 20	< 500	200	N 10	N 50
2	0GS002M	N 100	1500	N 10	N 50	70	50	N 200	N 10	500	N 200	N 200	150	N 50	30	< 500	150	N 10	N 50
3	0GS003M	150	1000	10	N 50	150	70	N 200	N 10	N 20	N 200	N 200	200	N 50	20	< 500	150	N 10	N 50
4	0GS004M	N 100	2000	15	N 50	200	70	N 200	N 10	N 20	N 200	N 200	500	N 50	< 20	500	100	N 10	N 50
5	0GS005M	N 100	3000	< 10	N 50	300	100	N 200	N 10	N 20	N 200	N 200	300	N 50	20	700	200	N 10	N 50
6	0GS006M	N 100	5000	10	N 50	500	150	N 200	< 10	N 20	N 200	N 200	1500	N 50	< 20	1000	100	N 10	N 50
7	0GS007M	N 100	5000	< 10	N 50	200	20	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	2000	100	N 10	N 50
8	0GS008M	N 100	2000	N 10	N 50	200	50	N 200	N 10	N 20	N 200	N 200	1000	N 50	N 20	1000	100	N 10	N 50
9	0GS009M	N 100	3000	15	N 50	500	100	N 200	N 10	N 20	N 200	N 200	500	N 50	30	N 500	70	N 10	N 50
10	0GS010M	N 100	7000	10	< 50	500	70	N 200	< 10	N 20	N 200	N 200	2000	N 50	20	N 500	200	N 10	N 50
11	0GS011M	N 100	3000	< 10	N 50	300	100	N 200	< 10	N 20	N 200	N 200	200	N 50	20	N 500	300	N 10	N 50
12	0GS012M	N 100	1500	N 10	N 50	50	50	N 200	N 10	N 20	N 200	N 200	500	N 50	30	N 500	300	N 10	N 50
13	0GS013M	N 100	5000	10	N 50	200	70	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	2000	100	N 10	N 50
14	0GS014M	N 100	1000	10	< 50	150	50	N 200	N 10	N 20	N 200	N 200	500	N 50	< 20	1500	200	N 10	N 50
15	0GS015M	N 100	2000	< 10	< 50	150	50	N 200	N 10	N 20	N 200	N 200	1500	N 50	< 20	1000	200	N 10	N 50
16	0GS016M	N 100	1500	15	N 50	150	50	N 200	N 10	N 20	N 200	N 200	1000	N 50	N 20	1500	70	N 10	N 50
17	0GS017M	N 100	1500	10	N 50	200	50	N 200	N 10	N 20	N 200	N 200	200	N 50	N 20	1000	100	N 10	N 50
18	0GS018M	N 100	2000	15	N 50	300	50	N 200	< 10	N 20	N 200	N 200	1500	N 50	20	1500	150	N 10	N 50
19	0GS019M	300	1000	N 10	N 50	300	20	N 200	N 10	20	N 200	N 200	500	N 50	20	N 500	1500	N 10	N 50
20	0GS020M	N 100	5000	30	< 50	500	50	N 200	< 10	N 20	N 200	N 200	1000	N 50	20	1500	300	N 10	N 50
21	0GS021M	N 100	2000	20	N 50	500	70	N 200	N 10	N 20	N 200	N 200	1000	N 50	< 20	1000	150	N 10	N 50
22	0GS022M	N 100	5000	10	< 50	300	30	N 200	20	N 20	N 200	N 200	2000	N 50	< 20	2000	150	N 10	N 50
23	0GS023M	N 100	2000	15	N 50	200	200	500	N 10	300	N 200	N 200	700	N 50	N 20	700	150	N 10	N 50
24	0GS025M	N 100	1000	N 10	50	1000	< 20	N 200	N 10	N 20	N 200	N 200	1500	N 50	50	1000	> 2000	N 10	N 50
25	0GS026M	N 100	3000	< 10	N 50	200	20	N 200	N 10	< 20	N 200	N 200	1500	N 50	N 20	2000	100	N 10	N 50
26	0GS027M	N 100	5000	50	N 50	200	200	300	N 10	N 20	N 200	N 200	700	N 50	< 20	3000	100	N 10	N 50
27	0GS028M	N 100	1500	< 10	< 50	300	50	N 200	N 10	< 20	N 200	N 200	1000	N 50	20	1500	2000	N 10	N 50
28	0GS029M	N 100	3000	20	N 50	500	30	1000	N 10	N 20	N 200	N 200	1500	N 50	20	1000	150	N 10	N 50
29	0GS030M	N 100	5000	20	N 50	500	30	1000	N 10	N 20	N 200	N 200	1500	N 50	20	1000	150	N 10	N 50
30	0GS031M	N 100	7000	10	N 50	200	1000	500	N 10	150	N 200	N 200	2000	N 50	N 20	10000	70	N 10	N 50
31	0GS032M	N 100	5000	20	N 50	10000	20	N 200	N 10	N 20	N 200	N 200	70	N 50	N 20	N 500	50	N 10	N 50
32	0GS033M	N 100	3000	15	N 50	500	150	200	N 10	100	N 200	N 200	1000	N 50	< 20	2000	200	N 10	N 50
33	0GS034M	N 100	5000	10	< 50	150	20	N 200	N 10	N 20	N 200	N 200	2000	N 50	N 20	2000	150	N 10	N 50
34	0GS035M	N 100	2000	20	N 50	200	20	N 200	N 10	N 20	N 200	N 200	1500	N 50	< 20	1500	200	N 10	N 50
35	0GS036M	N 100	3000	< 10	< 50	150	30	N 200	15	N 20	N 200	N 200	2000	N 50	N 20	3000	200	N 10	N 50
36	0GS039M	N 100	1500	15	< 50	150	20	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	1500	100	N 10	N 50
37	0GS040M	N 100	5000	20	< 50	700	50	N 200	10	N 20	N 200	N 200	2000	N 50	N 20	1500	100	N 10	N 50
38	0GS041M	N 100	3000	15	< 50	150	20	N 200	15	N 20	N 200	N 200	> 20000	N 50	N 20	2000	150	N 10	N 50
39	0GS042M	N 100	2000	< 10	50	300	30	N 200	30	20	N 200	N 200	> 20000	N 50	N 20	1000	150	N 10	N 50
40	0GS043M	N 100	3000	15	50	500	20	N 200	70	N 20	N 200	N 200	2000	N 50	20	2000	200	N 10	N 50

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
41	0GS044M	N 100	2000	20	< 50	300	30	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	1500	100	N 10	N 50
42	0GS045M	N 100	2000	10	< 50	200	30	N 200	N 10	N 20	N 200	N 200	1500	N 50	N 20	1500	70	N 10	N 50
43	0GS046M	N 100	2000	< 10	N 50	200	20	N 200	N 10	N 20	N 200	N 200	1500	N 50	N 20	1000	70	N 10	N 50
44	0GS047M	N 100	3000	< 10	< 50	300	20	N 200	15	N 20	N 200	N 200	2000	N 50	< 20	2000	200	N 10	N 50
45	0GS048M	N 100	1500	< 10	< 50	200	< 20	N 200	10	N 20	N 200	N 200	2000	N 50	N 20	1000	200	N 10	N 50
46	0GS049M	N 100	2000	20	N 50	1000	20	N 200	20	N 20	N 200	N 200	2000	N 50	20	3000	150	N 10	N 50
47	0GS050M	N 100	5000	N 10	< 50	2000	< 20	N 200	50	N 20	N 200	N 200	> 20000	N 50	N 20	3000	150	N 10	N 50
48	0GS051M	N 100	3000	N 10	< 50	150	70	N 200	15	N 20	N 200	N 200	> 20000	N 50	N 20	1500	100	N 10	N 50
49	0GS052M	N 100	1000	< 10	N 50	500	20	N 200	< 10	30	N 200	N 200	500	N 50	< 20	1000	70	N 10	N 50
50	0GS053M	N 100	2000	20	N 50	700	30	N 200	10	N 20	N 200	N 200	1500	N 50	< 20	2000	200	N 10	N 50
51	0GS054M	N 100	3000	N 10	< 50	200	< 20	N 200	70	N 20	N 200	N 200	> 20000	N 50	N 20	2000	150	N 10	N 50
52	0GS055M	N 100	5000	N 10	< 50	500	< 20	N 200	30	N 20	N 200	N 200	> 20000	N 50	< 20	3000	100	N 10	N 50
53	0GS056M	N 100	3000	< 10	< 50	300	< 20	N 200	20	N 20	N 200	N 200	2000	N 50	< 20	1500	200	N 10	N 50
54	0GS058M	N 100	3000	< 10	N 50	200	< 20	N 200	10	N 20	N 200	N 200	1500	N 50	N 20	2000	150	N 10	N 50
55	0GS059M	N 100	5000	< 10	< 50	200	< 20	N 200	30	N 20	N 200	N 200	2000	N 50	N 20	2000	150	N 10	N 50
56	0GS060M	N 100	5000	10	N 50	150	20	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	2000	50	N 10	N 50
57	0GS061M	N 100	3000	N 10	N 50	100	< 20	N 200	10	N 20	N 200	N 200	> 20000	N 50	N 20	1500	100	N 10	N 50
58	0GS062M	N 100	5000	N 10	N 50	200	< 20	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	3000	150	N 10	N 50
59	0GS064M	N 100	1500	20	N 50	500	30	N 200	< 10	N 20	N 200	N 200	700	N 50	< 20	1500	30	N 10	N 50
60	0GS065M	N 100	2000	< 10	N 50	500	20	N 200	30	N 20	N 200	N 200	2000	N 50	N 20	2000	100	N 10	N 50
61	0GS066M	N 100	5000	N 10	N 50	500	N 20	N 200	70	N 20	N 200	N 200	> 20000	N 50	N 20	3000	150	N 10	N 50
62	0GS067M	N 100	5000	N 10	N 50	300	20	N 200	50	N 20	N 200	N 200	> 20000	N 50	N 20	2000	150	N 10	N 50
63	0GS068M	N 100	2000	N 10	N 50	700	< 20	N 200	15	N 20	N 200	N 200	> 20000	N 50	N 20	2000	100	N 10	N 50
64	0GS069M	N 100	1500	10	N 50	1000	20	N 200	< 10	N 20	N 200	N 200	700	N 50	< 20	1500	70	N 10	N 50
65	0GS070M	N 100	5000	N 10	< 50	150	< 20	N 200	15	N 20	N 200	N 200	> 20000	N 50	N 20	1500	70	N 10	N 50
66	0GS071M	N 100	3000	< 10	N 50	500	50	N 200	20	N 20	N 200	N 200	2000	N 50	20	2000	200	N 10	N 50
67	0GS072M	N 100	1500	< 10	N 50	700	30	N 200	10	N 20	N 200	N 200	200	N 50	20	1500	70	N 10	N 50
68	0GS073M	N 100	2000	10	N 50	500	70	N 200	10	N 20	N 200	N 200	1500	N 50	< 20	1500	100	N 10	N 50
69	0GS074M	N 100	3000	15	N 50	1000	50	N 200	< 10	N 20	N 200	N 200	500	N 50	< 20	2000	70	N 10	N 50
70	0GS075M	N 100	2000	15	< 50	300	30	N 200	15	N 20	N 200	N 200	2000	N 50	< 20	2000	100	N 10	N 50
71	0GS076M	N 100	3000	20	N 50	700	30	N 200	20	N 20	N 200	N 200	2000	N 50	< 20	3000	100	N 10	N 50
72	0GS077M	N 100	5000	20	< 50	500	30	N 200	20	N 20	N 200	N 200	2000	N 50	50	3000	150	N 10	N 50
73	0GS078M	N 100	5000	30	N 50	1000	30	N 200	< 10	N 20	N 200	N 200	1500	N 50	30	3000	100	N 10	N 50
74	0GS079M	N 100	3000	< 10	N 50	150	30	N 200	< 10	N 20	N 200	N 200	1000	N 50	N 20	1000	150	N 10	N 50
75	0GS080M	N 100	5000	N 10	N 50	200	30	N 200	10	N 20	N 200	N 200	1500	N 50	N 20	1500	200	N 10	N 50
76	0GS081M	N 100	3000	< 10	N 50	500	20	N 200	15	N 20	N 200	N 200	1000	N 50	20	1500	200	N 10	N 50
77	0GS082M	N 100	10000	10	< 50	300	20	N 200	20	N 20	N 200	N 200	2000	N 50	N 20	2000	150	N 10	N 50
78	0GS083M	N 100	5000	10	N 50	500	50	N 200	< 10	N 20	N 200	N 200	700	N 50	< 20	2000	100	N 10	N 50
79	0GS084M	N 100	3000	< 10	< 50	300	20	N 200	10	N 20	N 200	N 200	2000	N 50	N 20	1500	100	N 10	N 50
80	0GS085M	N 100	3000	10	N 50	500	30	N 200	20	N 20	N 200	N 200	1000	N 50	20	2000	200	N 10	N 50

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
81	0GS086M	N 100	7000	N 10	< 50	150	30	N 200	30	N 20	N 200	N 200	> 20000	N 50	N 20	2000	150	N 10	N 50
82	0GS087M	N 100	2000	N 10	< 50	70	20	N 200	< 10	N 20	N 200	N 200	1500	N 50	N 20	2000	70	N 10	N 50
83	0GS088M	700	2000	N 10	70	20	N 20	N 200	10	N 20	N 200	N 200	2000	N 50	70	1000	> 2000	N 10	N 50
84	0GS089M	N 100	1500	N 10	< 50	30	< 20	N 200	N 10	N 20	N 200	N 200	2000	N 50	< 20	700	1500	N 10	N 50
85	0GS090M	N 100	1000	N 10	50	10	N 20	N 200	N 10	N 20	N 200	N 200	1500	N 50	20	700	> 2000	N 10	N 50
86	0GS091M	500	1000	N 10	< 50	30	N 20	N 200	< 10	N 20	N 200	N 200	2000	N 50	100	1000	> 2000	N 10	N 50
87	0GS092M	N 100	1500	N 10	< 50	50	N 20	N 200	N 10	500	N 200	N 200	2000	N 50	20	700	2000	N 10	N 50
88	0GS093M	N 100	1500	N 10	N 50	70	500	N 200	N 10	20	N 200	N 200	100	N 50	N 20	1000	30	N 10	N 50
89	0GS094M	N 100	1000	N 10	N 50	70	30	N 200	N 10	N 20	N 200	N 200	700	N 50	< 20	500	1500	N 10	N 50
90	0GS095M	1500	2000	N 10	< 50	30	N 20	N 200	N 10	N 20	N 200	< 200	2000	N 50	70	700	> 2000	N 10	N 50
91	0GS096M	< 100	700	N 10	< 50	10	< 20	N 200	N 10	N 20	N 200	< 200	700	N 50	20	500	1000	N 10	N 50
92	0GS097M	1000	3000	N 10	70	< 10	N 20	N 200	N 10	N 20	N 200	< 200	> 20000	N 50	300	500	> 2000	N 10	N 50
93	0GS098M	1500	3000	N 10	100	< 10	N 20	N 200	N 10	N 20	N 200	200	2000	N 50	300	500	> 2000	N 10	N 50
94	0GS099M	N 100	3000	N 10	N 50	200	N 20	N 200	30	N 20	N 200	N 200	> 20000	N 50	N 20	2000	300	N 10	N 50
95	0GS100M	N 100	5000	N 10	N 50	30	N 20	N 200	10	N 20	N 200	N 200	2000	N 50	N 20	2000	200	N 10	N 50
96	0GS101M	N 100	7000	N 10	< 50	100	N 20	N 200	70	N 20	N 200	N 200	> 20000	N 50	N 20	1500	300	N 10	N 50
97	0GS102M	N 100	10000	N 10	< 50	70	< 20	N 200	70	N 20	N 200	N 200	> 20000	N 50	N 20	3000	200	N 10	N 50
98	0GS103M	N 100	7000	N 10	< 50	70	< 20	N 200	50	N 20	N 200	N 200	> 20000	N 50	N 20	2000	200	N 10	N 50
99	0GS104M	N 100	5000	N 10	N 50	70	N 20	N 200	50	N 20	N 200	N 200	> 20000	N 50	N 20	2000	200	N 10	N 50
100	0GS105M	N 100	7000	N 10	N 50	50	< 20	N 200	30	N 20	N 200	N 200	2000	N 50	N 20	2000	150	N 10	N 50
101	0GS106M	N 100	5000	N 10	< 50	50	20	N 200	20	N 20	N 200	N 200	2000	N 50	N 20	1500	300	N 10	N 50
102	0GS107M	N 100	5000	N 10	N 50	70	< 20	N 200	30	N 20	N 200	N 200	2000	N 50	N 20	2000	200	N 10	N 50
103	0GS108M	N 100	3000	< 10	< 50	70	N 20	N 200	30	N 20	N 200	N 200	> 20000	N 50	N 20	2000	200	N 10	N 50
104	0GS109M	N 100	2000	N 10	N 50	50	N 20	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	1500	100	N 10	N 50
105	0GS110M	N 100	3000	N 10	< 50	70	< 20	N 200	10	N 20	N 200	N 200	> 20000	N 50	N 20	1500	200	N 10	N 50
106	0GS111M	N 100	2000	N 10	N 50	50	N 20	N 200	< 10	N 20	N 200	N 200	> 20000	N 50	N 20	1000	300	N 10	N 50
107	0GS112M	N 100	5000	10	< 50	200	N 20	N 200	30	20	N 200	N 200	> 20000	N 50	N 20	2000	1500	N 10	N 50
108	0GS113M	N 100	5000	N 10	N 50	70	N 20	N 200	20	N 20	N 200	N 200	> 20000	N 50	N 20	2000	300	N 10	N 50
109	0GS114M	N 100	2000	N 10	N 50	20	< 20	N 200	N 10	N 20	N 200	N 200	2000	N 50	N 20	1500	200	N 10	N 50
110	0GS115M	700	1500	N 10	50	N 10	N 20	N 200	N 10	N 20	N 200	N 200	2000	N 50	150	500	> 2000	N 10	N 50
111	0GS116M	1000	2000	N 10	70	N 10	N 20	N 200	N 10	N 20	N 200	N 200	> 20000	N 50	300	700	> 2000	N 10	N 50
112	0GS118M	700	1500	N 10	70	< 10	N 20	N 200	N 10	N 20	N 200	N 200	1500	N 50	200	500	> 2000	N 10	N 50
113	0GS119M	700	1000	N 10	50	10	N 20	N 200	N 10	N 20	N 200	N 200	2000	N 50	200	500	> 2000	N 10	N 50
114	0GS120M	N 100	5000	15	< 50	300	70	N 200	< 10	N 20	N 200	N 200	2000	N 50	N 20	2000	150	N 10	N 50
115	0GS121M	N 100	3000	< 10	N 50	1000	50	N 200	< 10	N 20	N 200	N 200	1500	N 50	N 20	1000	150	N 10	N 50
116	0GS122M	N 100	3000	N 10	N 50	500	70	N 200	N 10	N 20	N 200	N 200	700	N 50	< 20	1500	150	N 10	N 50
117	0GS123M	N 100	1500	< 10	N 50	300	150	N 200	N 10	150	N 200	N 200	200	N 50	< 20	700	150	N 10	N 50
118	0GS124M	N 100	2000	N 10	N 50	300	30	N 200	< 10	N 20	N 200	N 200	1000	N 50	< 20	700	200	N 10	N 50
119	0GS125M	N 100	2000	< 10	N 50	500	50	N 200	N 10	N 20	N 200	N 200	150	N 50	N 20	1000	70	N 10	N 50
120	0GS126M	N 100	1000	N 10	N 50	70	N 20	N 200	N 10	N 20	N 200	N 200	700	N 50	< 20	1000	700	N 10	N 50

Table 9.--Sample description and analytical data for magnetite samples...(continued).

INDEX	FIELD NO.	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Pd PPM S	Pt PPM S
121	0GS127M	N 100	1500	N 10	N 50	20	N 20	N 200	N 10	N 20	N 200	N 200	1500	N 50	< 20	N 500	2000	N 10	N 50
122	0GS128M	N 100	1500	N 10	N 50	30	N 20	N 200	N 10	N 20	N 200	N 200	2000	N 50	< 20	N 500	1500	N 10	N 50
123	0GS129M	N 100	2000	N 10	50	100	N 20	N 200	10	N 20	N 200	N 200	2000	N 50	20	N 500	> 2000	N 10	N 50
124	0GS131M	N 100	1000	N 10	< 50	20	N 20	N 200	N 10	N 20	N 200	N 200	1000	N 50	< 20	< 500	1500	N 10	N 50
125	0GS133M	< 100	1000	N 10	< 50	15	N 20	N 200	N 10	N 20	N 200	< 200	700	N 50	< 20	N 500	1500	N 10	N 50
126	0GS135M	N 100	2000	N 10	N 50	200	70	N 200	< 10	50	N 200	N 200	1000	N 50	20	1000	200	N 10	N 50
127	0GS136M	N 100	500	N 10	N 50	150	N 20	N 200	N 10	N 20	N 200	N 200	300	N 50	N 20	500	50	N 10	N 50
128	0GS137M	N 100	100	N 10	N 50	70	N 20	N 200	N 10	N 20	N 200	N 200	200	N 50	N 20	N 500	30	N 10	N 50
129	0GS138M	N 100	150	N 10	N 50	150	N 20	N 200	N 10	N 20	N 200	N 200	300	N 50	N 20	N 500	150	N 10	N 50
130	1GS208M	N 100	2000	N 10	< 50	15	< 20	N 200	< 10	N 20	N 200	N 200	1000	N 50	N 20	< 500	100	N 100	N 100
131	1GS209M	N 100	1500	N 10	< 50	15	< 20	N 200	< 10	N 20	N 200	N 200	700	N 50	N 20	500	150	N 100	N 100
132	1GS210M	N 100	2000	N 10	N 50	15	N 20	N 200	10	N 20	N 200	N 200	1500	N 50	N 20	700	100	N 100	N 100
133	1GS211M	N 100	1500	N 10	N 50	20	N 20	N 200	< 10	N 20	N 200	N 200	700	N 50	N 20	500	70	N 100	N 100
134	1GS212M	N 100	2000	N 10	< 50	10	< 20	N 200	< 10	N 20	N 200	N 200	1000	N 50	N 20	500	100	N 100	N 100

Table 10.--Sample description and analytical data for rock samples collected from the Goshute Indian Reservation, NV and UT.

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
1	0DC003R	39.88696	113.9088	39	53	13	113	54	32	UT	Juab	chloritized Ibapah monzogranite
2	0DC004R	39.88984	113.9111	39	53	23	113	54	40	UT	Juab	mafic dike
3	0DC005R	39.89833	113.9068	39	53	54	113	54	25	UT	Juab	FeOx-stained quartzite
4	0DC006R1	39.91188	113.9325	39	54	43	113	55	57	UT	Tooele	FeOx-stained quartzite breccia
5	0DC006R2	39.91188	113.9325	39	54	43	113	55	57	UT	Tooele	massive quartz vein
6	0DC008R1	39.89594	113.9385	39	53	45	113	56	19	UT	Juab	chloritized Ibapah monzogranite
7	0DC009R	39.90086	113.9187	39	54	3	113	55	7	UT	Juab	shattered quartzite
8	0DC013R1	39.79852	113.9438	39	47	55	113	56	38	UT	Juab	micaceous quartzite
9	0DC013R2	39.79852	113.9438	39	47	55	113	56	38	UT	Juab	open-space quartz vein
10	0DC013R3	39.79852	113.9438	39	47	55	113	56	38	UT	Juab	iridescent breccia
11	0DC014R1	39.79581	113.9467	39	47	45	113	56	48	UT	Juab	Tertiary-Cretaceous sill/dike
12	0DC015R1	39.79479	113.947	39	47	41	113	56	49	UT	Juab	clay-altered Tertiary-Cretaceous intrusive rock
13	0DC015R2	39.79479	113.947	39	47	41	113	56	49	UT	Juab	FeOx-stained biotite schist
14	0DC016R	39.7883	113.9652	39	47	18	113	57	55	UT	Juab	quartzite
15	0DC018R	39.77684	113.9652	39	46	37	113	57	55	UT	Juab	quertz breccia metrix
16	0DC022R	39.88798	113.8282	39	53	17	113	49	42	UT	Juab	quartz vein
17	0DC023R	39.80588	113.94	39	48	21	113	56	24	UT	Juab	biotite schist
18	0DC024R1	39.79916	113.9462	39	47	57	113	56	46	UT	Juab	Tertiary-Cretaceous intrusive rock
19	0DC024R2	39.79916	113.9462	39	47	57	113	56	46	UT	Juab	biotite schist
20	0DC025R	39.79807	113.9452	39	47	53	113	56	43	UT	Juab	quertz breccia
21	0DC026R1	39.80019	113.9371	39	48	1	113	56	13	UT	Juab	skarn
22	0DC027R	39.79996	113.9356	39	47	60	113	56	8	UT	Juab	tourmaline-muscovite greisen
23	0DC031R	39.79835	113.9301	39	47	54	113	55	48	UT	Juab	massive quartz in vein
24	0DC034R	39.76146	113.9514	39	45	41	113	57	5	UT	Juab	hematite-altered biotite schist
25	0DC041R	39.76307	114.0559	39	45	47	114	3	21	NV	White Pine	brecciated quartzite
26	0DC047R	39.7894	113.9779	39	47	22	113	58	40	UT	Juab	FeOx-stained quertzite
27	0DC049R1	39.78831	113.9828	39	47	18	113	58	58	UT	Juab	Tertiary-Cretaecous sill
28	0DC049R2	39.78831	113.9828	39	47	18	113	58	58	UT	Juab	FeOx-stained pebble conglomerate
29	0DC050R1	39.7882	113.9894	39	47	18	113	59	22	UT	Juab	brecciated quartzite
30	0DC050R2	39.7882	113.9894	39	47	18	113	59	22	UT	Juab	orange-stained quartzite breccia
31	0DC050R3	39.7882	113.9894	39	47	18	113	59	22	UT	Juab	orange-stained quartzite
32	0DC051R	39.79532	113.9881	39	47	43	113	59	17	UT	Juab	red-stained quartzite breccia
33	0DC055R	39.78458	113.9896	39	47	4	113	59	23	UT	Juab	quartzite breccia
34	0DC057R	39.77347	113.9872	39	46	25	113	59	14	UT	Juab	quartzite breccia
35	0DC058R	39.79225	113.9939	39	47	32	113	59	38	UT	Juab	brecciated limestone
36	0DC060R	39.76885	113.9889	39	46	8	113	59	20	UT	Juab	FeOx-stained conglomerate
37	0DC061R	39.7658	113.9915	39	45	57	113	59	30	UT	Juab	massive quartz
38	0DC062R	39.77768	113.9968	39	46	40	113	59	48	UT	Juab	recrystallized limestone
39	0DC063R	39.77576	113.9975	39	46	33	113	59	51	UT	Juab	quartzite breccia
40	0DC065R1	39.81573	113.9707	39	48	57	113	58	14	UT	Juab	pegmatite

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
41	0DC065R2	39.81573	113.9707	39	48	57	113	58	14	UT	Juab	pegmatite
42	0DC073R1	39.84125	114.0822	39	50	28	114	4	56	NV	White Pine	sandstone cut by quartz vein
43	0DC073R2	39.84125	114.0822	39	50	28	114	4	56	NV	White Pine	jasperoid in Guilmette Formation
44	0DC074R	39.83185	114.0868	39	49	55	114	5	13	NV	White Pine	silicified Guilmette Formation
45	0DC075R1	39.83153	114.0883	39	49	54	114	5	18	NV	White Pine	sandstone cut by quartz vein
46	0DC075R2	39.83153	114.0883	39	49	54	114	5	18	NV	White Pine	jasperoid in Guilmette Formation
47	0DC078R	39.83061	114.0786	39	49	50	114	4	43	NV	White Pine	jasperoid in Guilmette Formation
48	0DC079R	39.8067	114.0789	39	48	24	114	4	44	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
49	0DC080R	39.80269	114.0784	39	48	10	114	4	42	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
50	0DC081R	39.79682	114.0817	39	47	49	114	4	54	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
51	0DC082R	39.79744	114.0819	39	47	51	114	4	55	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
52	0DC083R	39.79617	114.0831	39	47	46	114	4	59	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
53	0DC084R	39.79223	114.0722	39	47	32	114	4	20	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
54	0DC085R	39.8343	114.1224	39	50	3	114	7	21	NV	White Pine	jasperoid in Ely Limestone
55	0DC087R	39.82957	114.1117	39	49	46	114	6	42	NV	White Pine	silicified Pilot Shale
56	0DC088R	39.83121	114.1104	39	49	52	114	6	37	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
57	0DC089R	39.82648	114.1109	39	49	35	114	6	39	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
58	0DC090R	39.82771	114.1078	39	49	40	114	6	28	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
59	0DC091R	39.82911	114.1031	39	49	45	114	6	11	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
60	0DC092R	39.83071	114.1065	39	49	51	114	6	23	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
61	0DC093R	39.81273	114.1079	39	48	46	114	6	28	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
62	0DC094R	39.8127	114.1012	39	48	46	114	6	4	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
63	0DC095R	39.81562	114.0833	39	48	56	114	4	60	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
64	0DC096R	39.8146	114.0971	39	48	53	114	5	49	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
65	0DC097R	39.81526	114.0937	39	48	55	114	5	37	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
66	0DC098R	39.81932	114.0924	39	49	10	114	5	32	NV	White Pine	jasperoid in Guilmette Formation
67	0DC099R	39.79141	114.0625	39	47	29	114	3	45	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
68	0DC101R	39.78395	114.0917	39	47	2	114	5	30	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
69	0DC102R	39.78785	114.0994	39	47	16	114	5	58	NV	White Pine	volcanic rock
70	0DC104R	39.81477	114.0548	39	48	53	114	3	17	NV	White Pine	Chainman Shale
71	0DC105R	39.81378	114.0548	39	48	50	114	3	17	NV	White Pine	jasperoid in Chainman Shale
72	0DC106R	39.7984	114.0508	39	47	54	114	3	3	NV	White Pine	breccia from undifferentiated Silurian-Ordovician dolomite (SOd)
73	0DC107R	39.84193	114.1156	39	50	31	114	6	56	NV	White Pine	silicified Ely Limestone
74	0DC109R1	39.85833	114.1106	39	51	30	114	6	38	NV	White Pine	brecciated silicified Ely Limestone
75	0DC109R2	39.85833	114.1106	39	51	30	114	6	38	NV	White Pine	chert in Ely Limestone
76	0DC110R	39.86456	114.1097	39	51	52	114	6	35	NV	White Pine	Ely Limestone
77	0DC111R	39.86842	114.1118	39	52	6	114	6	42	NV	White Pine	dolomitic Ely Limestone
78	0DC113R	39.82237	114.1187	39	49	21	114	7	7	NV	White Pine	FeOx-stained jasperoid along Chainman Shale-Pilot Shale contact
79	0DC115R	39.82197	114.1171	39	49	19	114	7	2	NV	White Pine	FeOx-stained, brecciated jasperoid in Guilmette Formation
80	0DC116R	39.80681	114.1247	39	48	25	114	7	29	NV	White Pine	brecciated massive quartz in Ely Limestone

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
81	ODC117R	39.80015	114.123	39	48	1	114	7	23	NV	White Pine	jasperoid breccia in Ely Limestone
82	ODC119R	39.78773	114.1245	39	47	16	114	7	28	NV	White Pine	jasperoid breccia in Ely Limestone
83	ODC120R	39.78531	114.1111	39	47	7	114	6	40	NV	White Pine	jasperoid in Ely Limestone
84	ODC121R	39.78376	114.114	39	47	2	114	6	50	NV	White Pine	jasperoid in Ely Limestone
85	ODC122R	39.79551	114.0802	39	47	44	114	4	49	NV	White Pine	jasperoid in Chainman Shale
86	ODC123R	39.79434	114.0807	39	47	40	114	4	51	NV	White Pine	FeOx-stained jasperoid in Chainman Shale
87	ODC131R	39.85711	113.9474	39	51	26	113	56	51	UT	Juab	Ibapah quartz monzonite, possible beryl and muscovite
88	ODC132R	39.83308	114.0582	39	49	59	114	3	29	NV	White Pine	jasperoid in Guilmette Formation
89	ODC133R	39.83329	114.0617	39	49	60	114	3	42	NV	White Pine	brecciated, silicified sandstone in Guilmette Formation
90	ODC134R	39.81274	114.0747	39	48	46	114	4	29	NV	White Pine	limonite-stained thin-bedded limestone in Chainman Shale
91	ODC135R	39.81137	114.0742	39	48	41	114	4	27	NV	White Pine	hematite-altered silicified Chainman Shale float
92	ODC136R	39.80421	114.0741	39	48	15	114	4	27	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
93	ODC138R	39.8008	114.0747	39	48	3	114	4	29	NV	White Pine	brecciated, FeOx-stained Guilmette Formation
94	ODC139R	39.79339	114.0812	39	47	36	114	4	52	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
95	ODC140R1	39.79263	114.0846	39	47	33	114	5	5	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
96	ODC140R2	39.79263	114.0846	39	47	33	114	5	5	NV	White Pine	jasperoid along Guilmette Formation-Chainman Shale contact
97	ODC142R	39.78455	114.0866	39	47	4	114	5	12	NV	White Pine	jesperoid along Guilmette Formation-Chainman Shale contact
98	ODC143R	39.80115	114.0822	39	48	4	114	4	56	NV	White Pine	hematite-altered Guilmette Formation
99	ODC144R	39.80045	114.0804	39	48	2	114	4	49	NV	White Pine	jasperoid in Guilmette Formation
100	ODC145R	39.80384	114.0857	39	48	14	114	5	9	NV	White Pine	silicified Pilot Shale
101	ODC146R	39.80066	114.0886	39	48	2	114	5	19	NV	White Pine	jasperoid along Guilmette Formation-Pilot Shale contact
102	ODC150R1	39.84582	114.0251	39	50	45	114	1	30	UT	Juab	Guilmette Formation?
103	ODC150R2	39.84582	114.0251	39	50	45	114	1	30	UT	Juab	jasperoid float on Simonson Dolomite
104	ODC150R3	39.84582	114.0251	39	50	45	114	1	30	UT	Juab	fractured dolomite
105	ODC155R1	39.81719	114.0503	39	49	2	114	3	1	NV	White Pine	breccia
106	ODC155R2	39.81719	114.0503	39	49	2	114	3	1	NV	White Pine	jasperoid breccia in undifferentiated Silurian-Ordovician dolomite
107	ODC157R	39.82924	114.0495	39	49	45	114	2	58	NV	White Pine	massive quartz
108	ODC158R	39.8292	114.049	39	49	45	114	2	57	NV	White Pine	jasperoid in undifferentiated Silurian-Ordovician dolomite
109	OGS001R	39.76302	114.0055	39	45	47	114	0	20	UT	Juab	FeOx-stained silicified quartz vein
110	OGS002R1	39.76252	114.0059	39	45	45	114	0	21	UT	Juab	quartzite (background)
111	OGS002R2	39.76252	114.0059	39	45	45	114	0	21	UT	Juab	vein quartz pebbles
112	OGS003R	39.75596	114.0283	39	45	21	114	1	42	UT	Juab	limestone cut by calcite veinlets
113	OGS004R1	39.7586	114.0219	39	45	31	114	1	19	UT	Juab	FeOx-stained limestone breccia
114	OGS004R2	39.7586	114.0219	39	45	31	114	1	19	UT	Juab	limestone cut by calcite veinlets (background)
115	OGS005R	39.76047	114.0144	39	45	38	114	0	52	UT	Juab	quartzite with pyrite pseudomorphs
116	OGS008R	39.77409	114.0104	39	46	27	114	0	37	UT	Juab	FeOx-stained quartz
117	OGS009R	39.77493	114.0126	39	46	30	114	0	45	UT	Juab	chert
118	OGS010R	39.77852	114.0138	39	46	43	114	0	50	UT	Juab	limestone (background)
119	OGS011R	39.78031	114.0124	39	46	49	114	0	45	UT	Juab	quartzite cut by quartz vein with pyrite pseudomorphs
120	OGS012R1	39.78068	114.0116	39	46	50	114	0	42	UT	Juab	quartzite (background)

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
121	OGS012R2	39.78068	114.0116	39	46	50	114	0	42	UT	Juab	quartz breccia
122	OGS014R1	39.78434	114.0109	39	47	4	114	0	39	UT	Juab	FeOx-stained quartzite with pyrite pseudomorphs
123	OGS014R2	39.78434	114.0109	39	47	4	114	0	39	UT	Juab	siliceous breccia
124	OGS016R1	39.79124	114.0128	39	47	28	114	0	46	UT	Juab	gray chert (background)
125	OGS016R2	39.79124	114.0128	39	47	28	114	0	46	UT	Juab	gray jasperoid
126	OGS018R	39.79597	114.0128	39	47	45	114	0	46	UT	Juab	FeOx-rich quartz breccia
127	OGS019R	39.80156	114.0102	39	48	6	114	0	37	UT	Juab	quartz pebble conglomerate (background)
128	OGS020R	39.79863	114.0293	39	47	55	114	1	46	UT	Juab	FeOx-stained spongy, silicified breccia
129	OGS021R	39.79727	114.028	39	47	50	114	1	41	UT	Juab	FeOx-stained limestone with gray silica
130	OGS022R	39.80292	114.028	39	48	11	114	1	41	UT	Juab	FeOx-stained recrystallized limestone
131	OGS023R1	39.80297	114.0247	39	48	11	114	1	29	UT	Juab	sandy carbonate
132	OGS023R2	39.80297	114.0247	39	48	11	114	1	29	UT	Juab	siliceous breccia, Bismark mine
133	OGS023R3	39.80297	114.0247	39	48	11	114	1	29	UT	Juab	FeOx-stained silica-carbonate breccia, Bismark mine
134	OGS024R1	39.80284	114.0236	39	48	10	114	1	25	UT	Juab	jasperoid near prospect pit in Pogonip Group
135	OGS024R2	39.80284	114.0236	39	48	10	114	1	25	UT	Juab	jasperoid near prospect pit in Pogonip Group
136	OGS025R1	39.80746	114.011	39	48	27	114	0	40	UT	Juab	FeOx-stained recrystallized limestone
137	OGS025R2	39.80746	114.011	39	48	27	114	0	40	UT	Juab	intermediate igneous rock =diorite? (background)
138	OGS026R1	39.8085	114.013	39	48	31	114	0	47	UT	Juab	FeOx-stained limestone
139	OGS026R2	39.8085	114.013	39	48	31	114	0	47	UT	Juab	red jasperoid
140	OGS027R1	39.81317	114.0138	39	48	47	114	0	49	UT	Juab	FeOx-stained silicified breccia
141	OGS027R2	39.81317	114.0138	39	48	47	114	0	49	UT	Juab	muscovite-rich siltstone (background)
142	OGS029R	39.82934	114.0194	39	49	46	114	1	10	UT	Juab	spongy carbonate breccia
143	OGS030R	39.82635	114.0161	39	49	35	114	0	58	UT	Juab	limestone cut by calcite stockwork
144	OGS031R1	39.81195	114.0238	39	48	43	114	1	26	UT	Juab	siliceous, calcareous dark gray tailings
145	OGS031R2	39.81195	114.0238	39	48	43	114	1	26	UT	Juab	limestone (background)
146	OGS031R3	39.81195	114.0238	39	48	43	114	1	26	UT	Juab	gray-brown grungy carbonate tailings
147	OGS032R	39.81165	114.0227	39	48	42	114	1	22	UT	Juab	FeOx-stained limestone
148	OGS033R	39.81531	114.021	39	48	55	114	1	16	UT	Juab	FeOx-stained limestone cut by calcite veinlets
149	OGS034R	39.83387	114.0158	39	50	2	114	0	57	UT	Juab	limestone cut by calcite veinlets (background)
150	OGS035R	39.83694	114.0191	39	50	13	114	1	9	UT	Juab	red-orange calcite breccia
151	OGS036R	39.8529	114.029	39	51	10	114	1	44	UT	Juab	gray to slightly reddish chert
152	OGS037R1	39.85302	114.0337	39	51	11	114	2	1	UT	Juab	red jasperoid
153	OGS037R2	39.85302	114.0337	39	51	11	114	2	1	UT	Juab	FeOx-stained jasperoid
154	OGS038R	39.85281	114.0343	39	51	10	114	2	4	UT	Juab	altered fault breccia
155	OGS039R	39.84045	114.0414	39	50	26	114	2	29	UT	Juab	limestone cut by honey-tan to orange calcite veinlets
156	OGS040R1	39.83915	114.0452	39	50	21	114	2	43	UT	Juab	chert
157	OGS040R2	39.83915	114.0452	39	50	21	114	2	43	UT	Juab	FeOx-stained spongy quartz vein
158	OGS040R3	39.83915	114.0452	39	50	21	114	2	43	UT	Juab	FeOx-stained siliceous breccia
159	OGS042R	39.81996	114.0536	39	49	12	114	3	13	NV	White Pine	limonite gossan (?) in limestone
160	OGS043R	39.8204	114.0546	39	49	13	114	3	17	NV	White Pine	limonite breccia

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
161	OGS044R1	39.82616	114.054	39	49	34	114	3	15	NV	White Pine	spongy quartz
162	OGS044R2	39.82616	114.054	39	49	34	114	3	15	NV	White Pine	brecciated jasperoid
163	OGS046R	39.82151	114.0663	39	49	17	114	3	59	NV	White Pine	pebbles of FeOx, FeOx-stained calcite, and silica
164	OGS047R	39.83124	114.0585	39	49	52	114	3	30	NV	White Pine	red-stained chert
165	OGS048R	39.83555	114.0698	39	50	8	114	4	11	NV	White Pine	FeOx and FeOx-stained silica
166	OGS051R	39.85266	114.084	39	51	10	114	5	2	NV	White Pine	FeOx-stained chert and FeOx-stained limestone
167	OGS052R1	39.82535	114.1187	39	49	31	114	7	7	NV	White Pine	latite (background)
168	OGS052R2	39.82535	114.1187	39	49	31	114	7	7	NV	White Pine	FeOx-coated pebbles of siltstone and shale
169	OGS053R1	39.8262	114.1181	39	49	34	114	7	5	NV	White Pine	limestone (background)
170	OGS053R2	39.8262	114.1181	39	49	34	114	7	5	NV	White Pine	brecciated black chert
171	OGS053R3	39.8262	114.1181	39	49	34	114	7	5	NV	White Pine	limonite on limestone
172	OGS054R1	39.82625	114.1211	39	49	34	114	7	16	NV	White Pine	FeOx-stained intermediate volcanic tuff
173	OGS054R2	39.82625	114.1211	39	49	34	114	7	16	NV	White Pine	white, pumaceous, siliceous tuff
174	OGS054R3	39.82625	114.1211	39	49	34	114	7	16	NV	White Pine	chert
175	OGS055R	39.83044	114.1196	39	49	50	114	7	11	NV	White Pine	shale (background)
176	OGS056R	39.83945	114.114	39	50	22	114	6	50	NV	White Pine	drusy jasperoid
177	OGS057R	39.84186	114.1152	39	50	31	114	6	55	NV	White Pine	FeOx-stained jasperoid in Ely Limestone
178	OGS058R	39.84196	114.1133	39	50	31	114	6	48	NV	White Pine	brecciated, FeOx-stained jasperoid
179	OGS059R	39.84015	114.1083	39	50	25	114	6	30	NV	White Pine	FeOx-rich siliceous breccia
180	OGS061R	39.85076	114.1212	39	51	3	114	7	16	NV	White Pine	chert
181	OGS062R1	39.86068	114.1155	39	51	38	114	6	56	NV	White Pine	chert (background)
182	OGS062R2	39.86068	114.1155	39	51	38	114	6	56	NV	White Pine	limestone (background)
183	OGS063R	39.82139	114.1179	39	49	17	114	7	5	NV	White Pine	FeOx-rich breccia from fault zone
184	OGS064R	39.81376	114.1164	39	48	50	114	6	59	NV	White Pine	gray shale (background)
185	OGS066R1	39.80936	114.1195	39	48	34	114	7	10	NV	White Pine	black shale (background)
186	OGS066R2	39.80936	114.1195	39	48	34	114	7	10	NV	White Pine	altered shale from prospect
187	OGS066R3	39.80936	114.1195	39	48	34	114	7	10	NV	White Pine	calcite vein from prospect
188	OGS067R	39.80563	114.1209	39	48	20	114	7	15	NV	White Pine	FeOx-stained gray jasperoid
189	OGS068R	39.80539	114.1185	39	48	19	114	7	6	NV	White Pine	shattered, FeOx-stained gray chert
190	OGS069R	39.79607	114.1197	39	47	46	114	7	11	NV	White Pine	chert
191	OGS070R	39.79317	114.12	39	47	35	114	7	12	NV	White Pine	black mudstone (background)
192	OGS071R	39.79087	114.1166	39	47	27	114	6	60	NV	White Pine	black mudstone cut by calcite vein with dolomite rhombs
193	OGS072R	39.79229	114.1077	39	47	32	114	6	28	NV	White Pine	limestone cut by calcite veinlets, FeOx-rich
194	OGS074R	39.79192	114.1025	39	47	31	114	6	9	NV	White Pine	black chert (background)
195	OGS077R1	39.8027	114.0877	39	48	10	114	5	16	NV	White Pine	sandy limestone (background)
196	OGS077R2	39.8027	114.0877	39	48	10	114	5	16	NV	White Pine	FeOx-stained jasperoid
197	OGS079R1	39.78079	114.0719	39	46	51	114	4	19	NV	White Pine	siliceous tuff (background)
198	OGS079R2	39.78079	114.0719	39	46	51	114	4	19	NV	White Pine	gray chert
199	OGS079R3	39.78079	114.0719	39	46	51	114	4	19	NV	White Pine	FeOx-rich quartz sandstone
200	OGS080R	39.77795	114.0741	39	46	41	114	4	27	NV	White Pine	limonite + quartz

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
201	0GS081R1	39.78156	114.0873	39	46	54	114	5	14	NV	White Pine	recrystallized limestone cut by FeOx-calcite veins
202	0GS081R2	39.78156	114.0873	39	46	54	114	5	14	NV	White Pine	silicified, FeOx-rich dark gray limestone
203	0GS082R1	39.78179	114.0885	39	46	54	114	5	18	NV	White Pine	red-stained siltstone
204	0GS082R2	39.78179	114.0885	39	46	54	114	5	18	NV	White Pine	brecciated FeOx-stained jasperoid with drusy quartz
205	0GS084R	39.77318	114.1138	39	46	23	114	6	50	NV	White Pine	red and black chert
206	0GS085R1	39.77327	114.1218	39	46	24	114	7	18	NV	White Pine	black mudstone (background)
207	0GS085R2	39.77327	114.1218	39	46	24	114	7	18	NV	White Pine	FeOx-stained black chert
208	0GS086R1	39.78403	114.1343	39	47	3	114	8	3	NV	White Pine	brecciated jasperoid and calcite (in Ely Limestone?)
209	0GS086R2	39.78403	114.1343	39	47	3	114	8	3	NV	White Pine	limonite-stained jasperoid
210	0GS088R	39.82408	113.9713	39	49	27	113	58	17	UT	Juab	Ibapah monzogranite (background)
211	0GS089R	39.82301	113.972	39	49	23	113	58	19	UT	Juab	mica schist (background)
212	0GS091R	39.81082	113.9823	39	48	39	113	58	56	UT	Juab	FeOx-stained vein quartz
213	0GS093R1	39.80357	113.959	39	48	13	113	57	32	UT	Juab	breccia, vein quartz and alaskite, FeOx-stained, Queen of Sheba mine
214	0GS093R2	39.80357	113.959	39	48	13	113	57	32	UT	Juab	vuggy, qtz- & muscovite-rich, FeOx-stained alaskite, Queen of Sheba
215	0GS094R	39.80945	113.9698	39	48	34	113	58	11	UT	Juab	FeOx-stained chloritic mica schist
216	0GS097R	39.83682	113.9617	39	50	13	113	57	42	UT	Juab	vuggy, chloritic Ibapah monzogranite
217	0GS098R	39.84676	113.956	39	50	48	113	57	21	UT	Juab	slightly FeOx-stained Ibapah monzogranite (background)
218	0GS099R1	39.95757	114.1119	39	57	27	114	6	43	NV	White Pine	FeOx-stained latite
219	0GS099R2	39.95757	114.1119	39	57	27	114	6	43	NV	White Pine	tuff (background)
220	0GS100R	39.97411	114.1177	39	58	27	114	7	4	NV	White Pine	latite (background)
221	0GS101R	39.94541	114.1948	39	56	43	114	11	41	NV	White Pine	intermediate volcanic rock (background)
222	0GS104R	39.89764	114.184	39	53	52	114	11	2	NV	White Pine	intermediate volcanic rock (background)
223	0GS111R	39.86551	114.1917	39	51	56	114	11	30	NV	White Pine	intermediate tuff (devitrified ?)
224	0GS115R1	39.85523	113.9474	39	51	19	113	56	51	UT	Juab	quartz porphyry version of Ibapah monzogranite
225	0GS115R2	39.85523	113.9474	39	51	19	113	56	51	UT	Juab	altered Ibapah monzogranite with quartz-lined vugs
226	0GS115R3	39.85523	113.9474	39	51	19	113	56	51	UT	Juab	vein quartz, vuggy
227	0GS117R1	39.86027	113.9469	39	51	37	113	56	49	UT	Juab	FeOx-stained quartz, vuggy
228	0GS117R2	39.86027	113.9469	39	51	37	113	56	49	UT	Juab	brecciated quartz
229	0GS120R	39.74484	114.0532	39	44	41	114	3	12	NV	White Pine	FeOx-stained limestone cut by calcite veins
230	0GS121R	39.73757	114.0541	39	44	15	114	3	15	NV	White Pine	vein calcite and siderite, FeOx-stained
231	0GS122R	39.72731	114.0527	39	43	38	114	3	10	NV	White Pine	FeOx-stained brecciated vein quartz
232	0GS123R	39.73278	114.0187	39	43	58	114	1	7	UT	Juab	quartz with FeOx clots
233	0GS125R	39.73018	114.0175	39	43	49	114	1	3	UT	Juab	malachite- and FeOx-coated quartzite
234	0GS126R1	39.9065	113.9421	39	54	23	113	56	31	UT	Tooele	Ibapah monzogranite with coarse muscovite and FeOx
235	0GS126R2	39.9065	113.9421	39	54	23	113	56	31	UT	Tooele	altered diorite dike with pyrite
236	0GS126R3	39.9065	113.9421	39	54	23	113	56	31	UT	Tooele	FeOx-rich quartz vein cutting diorite dike
237	0GS127R	39.90207	113.936	39	54	7	113	56	10	UT	Juab	FeOx-stained bull quartz
238	0GS129R1	39.89625	113.9302	39	53	47	113	55	49	UT	Juab	FeOx-stained vein quartz
239	0GS129R2	39.89625	113.9302	39	53	47	113	55	49	UT	Juab	hornblende diorite (background)
240	0GS130R1	39.9	113.9321	39	53	60	113	55	55	UT	Juab	aplite dike with disseminated garnet and pyrite

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
241	0GS130R2	39.9	113.9321	39	53	60	113	55	55	UT	Juab	altered Ibapah monzogranite
242	0GS131R	39.90043	113.9385	39	54	2	113	56	19	UT	Juab	altered Ibapah monzogranite
243	0GS132R1	39.89721	113.9411	39	53	50	113	56	28	UT	Juab	altered Ibapah monzogranite
244	0GS132R2	39.89721	113.9411	39	53	50	113	56	28	UT	Juab	diorite dike (background)
245	0GS134R	39.89639	113.9402	39	53	47	113	56	25	UT	Juab	aplite dike with possible beryl
246	0GS135R	39.70792	113.9401	39	42	29	113	56	24	UT	Juab	FeOx-stained quartzite
247	0GS139R	39.69128	113.9641	39	41	29	113	57	51	UT	Juab	mica schist with epidote, calcite, and FeOx
248	0GS140R	39.90148	113.9372	39	54	5	113	56	14	UT	Juab	FeOx-stained quartzite
249	0GS141R1	39.92769	113.9168	39	55	40	113	55	0	UT	Tooele	cinnabar/barite tailings, Cougar Hill mine
250	0GS141R2	39.92769	113.9168	39	55	40	113	55	0	UT	Tooele	quartz-rich tailings with disseminated pyrite, Cougar Hill mine
251	0GS141R3	39.92769	113.9168	39	55	40	113	55	0	UT	Tooele	quartz-rich tailings with malachite and native sulphur, Cougar Hill
252	0GS142R1	39.85229	114.035	39	51	8	114	2	6	UT	Juab	jasperoid
253	0GS142R2	39.85229	114.035	39	51	8	114	2	6	UT	Juab	jasperoid
254	1CT025R	39.83566	114.1224	39	50	8	114	7	20	NV	White Pine	brecciated and silicified Ely Limestone
255	1CT026R	39.83469	114.1224	39	50	5	114	7	20	NV	White Pine	brecciated and silicified Ely Limestone
256	1CT027R	39.82178	114.129	39	49	18	114	7	45	NV	White Pine	bleached and silicified Arcturus Formation sandstone
257	1CT028R	39.81897	114.129	39	49	8	114	7	44	NV	White Pine	bleached and silicified Arcturus Formation sandstone
258	1CT029R	39.81665	114.1287	39	48	60	114	7	43	NV	White Pine	bleached and silicified Arcturus Formation sandstone
259	1CT034R	39.80221	114.1312	39	48	8	114	7	52	NV	White Pine	FeOx- and MnO2-stained silicified Arcturus Formation sandstone
260	1DC161R1	39.80581	114.1239	39	48	21	114	7	26	NV	White Pine	brecciated Ely Limestone, stained red and black
261	1DC161R2	39.80581	114.1239	39	48	21	114	7	26	NV	White Pine	massive fine-grained milky qtz in brecciated Ely Limestone
262	1DC163R	39.84961	114.0263	39	50	59	114	1	35	UT	Juab	black aphanitic chert in Sevy Dolomite near Sevy-Simonson contact
263	1DC164R	39.84755	114.0274	39	50	51	114	1	39	UT	Juab	black chert(?) at Sevy Dolomite-Simonson Dolomite contact
264	1DC165R	39.84572	114.0294	39	50	45	114	1	46	UT	Juab	black chert(?) at Sevy Dolomite-Simonson Dolomite contact
265	1DC169R	39.84585	114.0399	39	50	45	114	2	24	UT	Juab	recrystallized Sevy Dolomite, dark brown, fine-grained
266	1DC170R	39.83778	114.0425	39	50	16	114	2	33	UT	Juab	partly re-silicified chert from massive quartz zone; in SOd
267	1DC171R	39.83474	114.0453	39	50	5	114	2	43	UT	Juab	massive white fine-grained silicified quartz zone in SOd
268	1DC172R	39.8346	114.0418	39	50	5	114	2	31	UT	Juab	black chert cut by hematite veinlets at Sevy-Simonson contact
269	1DC173R	39.8281	114.0405	39	49	41	114	2	26	UT	Juab	massive fine-gr. qtz in Simonson Dolomite at Sevy-Simonson contact
270	1DC176R	39.82262	114.0455	39	49	21	114	2	44	UT	Juab	clay-altered felsic dike at contact of SOd with Sevy Dolomite
271	1DC177R	39.8218	114.049	39	49	18	114	2	56	NV	White Pine	clay- and oxide-altered felsic dike
272	1DC181R	39.8164	114.0421	39	48	59	114	2	31	UT	Juab	FeOx- and clay-altered limestone in Simonson Dolomite
273	1DC182R	39.82029	114.0408	39	49	13	114	2	27	UT	Juab	black chert (?) cut by quartz veins at Sevy-Simonson contact
274	1DC183R	39.82216	114.0395	39	49	20	114	2	22	UT	Juab	black chert (?) cut by quartz veins at Sevy-Simonson contact
275	1DC184R	39.8232	114.0411	39	49	24	114	2	28	UT	Juab	clay- and oxide-altered rock
276	1DC185R	39.82077	114.0513	39	49	15	114	3	5	NV	White Pine	red to orange stained undifferentiated Silurian-Ordovician dolomite
277	1DC186R1	39.81962	114.0562	39	49	11	114	3	22	NV	White Pine	bleached dolomite in Guilmette Formation
278	1DC186R2	39.81962	114.0562	39	49	11	114	3	22	NV	White Pine	coarse-gr. white marble (alteration product) in Guilmette Formation
279	1DC187R1	39.81943	114.0572	39	49	10	114	3	26	NV	White Pine	iron-oxide altered limestone in Guilmette Formation
280	1DC187R2	39.81943	114.0572	39	49	10	114	3	26	NV	White Pine	FeOx-stained jasperoid replacing sandy carbonate, Guilmette Fm.

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
281	1DC187R3	39.81943	114.0572	39	49	10	114	3	26	NV	White Pine	FeOx-stained jasperoid and limestone breccia, Guilmette Fm.
282	1DC188R	39.85304	114.0473	39	51	11	114	2	50	NV	White Pine	limestone cut by calcite veins, in Guilmette Formation
283	1DC189R	39.82005	114.0537	39	49	12	114	3	13	NV	White Pine	open-space filling calcite crystals in Guilmette Formation
284	1DC190R1	39.81876	114.0493	39	49	8	114	2	57	NV	White Pine	brecciated, white, fine-grained dolomite, in SOd
285	1DC190R2	39.81876	114.0493	39	49	8	114	2	57	NV	White Pine	coarse-greined, milky white quartz matrix in brecciated SOd
286	1DC192R1	39.81164	114.0526	39	48	42	114	3	9	NV	White Pine	dolomite breccia cemented by hematite, in SOd
287	1DC192R2	39.81164	114.0526	39	48	42	114	3	9	NV	White Pine	clay-altered felsic dike
288	1DC193R1	39.81074	114.054	39	48	39	114	3	14	NV	White Pine	red jasperoid in Chainman Shale (?), near high-angle fault
289	1DC193R2	39.81074	114.054	39	48	39	114	3	14	NV	White Pine	gray jasperoid in Chainman Shale (?), near high-angle fault
290	1DC195R1	39.80311	114.0555	39	48	11	114	3	20	NV	White Pine	massive quartz in undifferentiated Silurian-Ordovician dolomite
291	1DC195R2	39.80311	114.0555	39	48	11	114	3	20	NV	White Pine	blue-stained, black, fine-grained quartz; in SOd
292	1DC196R	39.7989	114.036	39	47	56	114	2	10	UT	Juab	massive quartz; in SOd
293	1DC199R	39.83964	114.0207	39	50	23	114	1	14	UT	Juab	orange jasperoid, replacing Guilmette Formation
294	1DC201R	39.79412	114.0411	39	47	39	114	2	28	UT	Juab	massive quartz in SOd
295	1DC203R	39.80115	114.0294	39	48	4	114	1	46	UT	Juab	jasperoid from small prospect pit in Pogonip Group
296	1DC204R	39.78334	114.0281	39	47	0	114	1	41	UT	Juab	zebra dolomite in Pogonip Group (?)
297	1DC205R	39.78639	114.0268	39	47	11	114	1	36	UT	Juab	zebra dolomite in Pogonip Group (?)
298	1DC209R	39.82074	114.0238	39	49	15	114	1	26	UT	Juab	white marble, altered Pogonip Group limestone
299	1DC211R	39.85282	114.0348	39	51	10	114	2	5	UT	Juab	clay- and oxide-altered felsic dike
300	1DC214R	39.84887	114.0223	39	50	56	114	1	20	UT	Juab	jasperoid in Simonson Dolomite (?)
301	1DC216R	39.78247	114.0596	39	46	57	114	3	35	NV	White Pine	jasperoid in SOd
302	1DC217R	39.78797	114.061	39	47	17	114	3	40	NV	White Pine	quartz zone in SOd
303	1DC218R	39.79051	114.0586	39	47	26	114	3	31	NV	White Pine	clay- and FeOx-altered felsic dike
304	1DC219R	39.79223	114.0595	39	47	32	114	3	34	NV	White Pine	jasperoid, at Guilmette Formation-Chainman Shale contact
305	1DC220R	39.80268	114.0191	39	48	10	114	1	9	UT	Juab	brecciated dolomite; Notch Peak Formation-Pogonip Group contact
306	1DC221R1	39.80084	114.0171	39	48	3	114	1	2	UT	Juab	jasperoid; Notch Peak Formation
307	1DC221R2	39.80084	114.0171	39	48	3	114	1	2	UT	Juab	iron-oxide; Notch Peak Formation
308	1DC222R1	39.81458	114.0149	39	48	52	114	0	54	UT	Juab	green-stained recrystellized limestone, Pogonip-Notch Peak contact
309	1DC222R2	39.81458	114.0149	39	48	52	114	0	54	UT	Juab	frothy FeOx from Pogonip Group-Notch Peak Fm. contact
310	1DC222R3	39.81458	114.0149	39	48	52	114	0	54	UT	Juab	jasperoid from Pogonip Group-Notch Peak Formation contact
311	1DC223R	39.79632	114.0193	39	47	47	114	1	10	UT	Juab	marble; Notch Peak Formation
312	1DC234R1	39.79174	114.0248	39	47	30	114	1	29	UT	Juab	dolomite; Notch Peak Formation
313	1DC234R2	39.79174	114.0248	39	47	30	114	1	29	UT	Juab	dolomite cut by calcite veins; Notch Peak Formation
314	1DC235R	39.78599	114.0253	39	47	10	114	1	31	UT	Juab	chert; in limestone of Notch Peak Formation
315	1DC256R	39.84852	114.0715	39	50	55	114	4	17	NV	White Pine	jasperoid; Guilmette Formation
316	1DC257R	39.8516	114.0763	39	51	6	114	4	35	NV	White Pine	jasperoid; Guilmette Formation
317	1DC258R1	39.84132	114.1043	39	50	29	114	6	15	NV	White Pine	jasperoid; Guilmette Formation
318	1DC258R2	39.84132	114.1043	39	50	29	114	6	15	NV	White Pine	clay and iron-oxide altered felsic dike
319	1DC259R	39.84191	114.1066	39	50	31	114	6	24	NV	White Pine	jasperoid, contact of Guilmette Fm. with undiff. Dev.-Miss. shale
320	1DC260R	39.78829	114.0465	39	47	18	114	2	47	UT	Juab	silicified breccia zone in SOd

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
321	1DC261R	39.79677	114.0247	39	47	48	114	1	29	UT	Juab	jasperoid; Pogonip Group-Notch Peak Formation contact
322	1DC262R	39.79695	114.0265	39	47	49	114	1	35	UT	Juab	jasperoid; Pogonip Group-Notch Peak Formation contact
323	1DC267R	39.78288	114.0281	39	46	58	114	1	41	UT	Juab	limestone breccia; Pogonip Group-Notch Peak Formation contact
324	1DC271R	39.75894	114.0322	39	45	32	114	1	56	UT	Juab	brecciated Cambrian dolomite along high-angle fault
325	1DC273R	39.81013	114.019	39	48	36	114	1	8	UT	Juab	jasperoid in Pogonip Group
326	1DC274R1	39.81625	114.0142	39	48	59	114	0	51	UT	Juab	jasperoid in Notch Peak Formation
327	1DC275R	39.81914	114.0211	39	49	9	114	1	16	UT	Juab	dolomite from unknown unit
328	1DC278R	39.75502	113.9905	39	45	18	113	59	26	UT	Juab	felsic dike, slightly propylitically altered
329	1GS201R	39.89259	114.1676	39	53	33	114	10	3	NV	White Pine	porphyritic andesitic volcanic rock with mottled texture
330	1GS202R1	39.89411	114.1697	39	53	39	114	10	11	NV	White Pine	greenish intermediate volcanic rock chips
331	1GS202R2	39.89411	114.1697	39	53	39	114	10	11	NV	White Pine	rust-red silicic volcanic rock, locally vuggy
332	1GS202R3	39.89411	114.1697	39	53	39	114	10	11	NV	White Pine	gray (fresh) to rust-red (weathered) intermediate volcanic rock
333	1GS203R	39.89525	114.1721	39	53	43	114	10	20	NV	White Pine	flow-banded aphanitic silicic volcanic rock (latite?)
334	1GS204R	39.89067	114.1736	39	53	26	114	10	25	NV	White Pine	dark purplish to more commonly black obsidian
335	1GS205R	39.89028	114.1725	39	53	25	114	10	21	NV	White Pine	rust-red, mottled, vuggy intermediate volcanic rock
336	1GS206R1	39.89037	114.1706	39	53	25	114	10	14	NV	White Pine	dark gray carbonate-bearing intermediate volcanic rock
337	1GS206R2	39.89037	114.1706	39	53	25	114	10	14	NV	White Pine	rust-red carbonate-bearing intermediate volcanic rock
338	1GS207R	39.89125	114.1705	39	53	28	114	10	14	NV	White Pine	black obsidian
339	1GS209R	39.90054	114.1752	39	54	2	114	10	31	NV	White Pine	green andesitic volcanic rock
340	1GS211R	39.90684	114.1628	39	54	25	114	9	46	NV	White Pine	gray (fresh) to rust-red (weathered) intermediate volcanic rock
341	1GS212R	39.8929	114.1819	39	53	34	114	10	55	NV	White Pine	rust-red intermediate volcanic rock
342	1GS213R1	39.8036	114.0265	39	48	13	114	1	36	UT	Juab	medium-grained felsic igneous rock
343	1GS213R2	39.8036	114.0265	39	48	13	114	1	36	UT	Juab	pale bluish, fine-grained, carbonate-bearing rock
344	1GS214R	39.80653	114.0267	39	48	24	114	1	36	UT	Juab	brecciated Pogonip Group limestone, silicifed along slick-n-sides
345	1GS215R1	39.80707	114.0267	39	48	25	114	1	36	UT	Juab	FeOx-stained limestone breccia from shear zone; silica & calcite
346	1GS215R2	39.80707	114.0267	39	48	25	114	1	36	UT	Juab	brecciated tan to gray jasperoid cut by calcite veinlets
347	1GS216R1	39.8067	114.0232	39	48	24	114	1	23	UT	Juab	rust-red brecciated, drusy jasperoid
348	1GS216R2	39.8067	114.0232	39	48	24	114	1	23	UT	Juab	tan to bright orange jasperoid
349	1GS217R1	39.80376	114.022	39	48	14	114	1	19	UT	Juab	FeOx-rich, deep rust-red, siliceous rock with spongy texture
350	1GS217R2	39.80376	114.022	39	48	14	114	1	19	UT	Juab	orange-red, vuggy carbonate
351	1GS218R	39.80338	114.0231	39	48	12	114	1	23	UT	Juab	jasperoid with sugary druse & possible pyrite pseudomorphs
352	1GS219R1	39.80119	114.0215	39	48	4	114	1	17	UT	Juab	FeOx-rich, slightly siliceous, sheared rock
353	1GS219R2	39.80119	114.0215	39	48	4	114	1	17	UT	Juab	gray to white, siliceous, drusy rock with pyrite pseudomorphs?
354	1GS220R1	39.80923	114.0153	39	48	33	114	0	55	UT	Juab	maroon to tan jasperoid in limestone adjacent to prospect
355	1GS220R2	39.80923	114.0153	39	48	33	114	0	55	UT	Juab	yellow-orange jasperoid; contains malachite
356	1GS220R3	39.80923	114.0153	39	48	33	114	0	55	UT	Juab	tan, yellow, orange, and maroon FeOx
357	1GS221R1	39.80902	114.0149	39	48	32	114	0	54	UT	Juab	malachite with dark gray-black mineral; Lucky Strike mine
358	1GS221R2	39.80902	114.0149	39	48	32	114	0	54	UT	Juab	FeOx-rich, spongy textured rock w/ visible malachite, Lucky Strike
359	1GS221R3	39.80902	114.0149	39	48	32	114	0	54	UT	Juab	FeOx-stained silica; contains pea-green mineral, Lucky Strike mine
360	1GS222R	39.80776	114.0145	39	48	28	114	0	52	UT	Juab	FeOx-rich rock with calcite; possibly contains malachite

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
361	1GS223R	39.80754	114.0165	39	48	27	114	0	59	UT	Juab	FeOx- and MnO2-rich calcite and limestone
362	1GS224R	39.80646	114.0157	39	48	23	114	0	56	UT	Juab	FeOx-stained silica; contains malachite
363	1GS225R	39.80556	114.0165	39	48	20	114	0	59	UT	Juab	FeOx-stained brecciated spongy-textured carbonate
364	1GS226R1	39.79589	114.1191	39	47	45	114	7	9	NV	White Pine	dark gray to black, fissile Chainman Shale (background)
365	1GS226R2	39.79589	114.1191	39	47	45	114	7	9	NV	White Pine	limestone breccia in calcite-FeOx matrix
366	1GS226R3	39.79589	114.1191	39	47	45	114	7	9	NV	White Pine	calcite-coated slick-n-sides in shale w/ FeOx & pyrite cubes
367	1GS227R1	39.79297	114.117	39	47	35	114	7	1	NV	White Pine	dark gray (fresh)/ tan (weathered) fetid calcareous shale (bkgrnd)
368	1GS227R2	39.79297	114.117	39	47	35	114	7	1	NV	White Pine	black (fresh)/ tan (weathered) fetid calcareous mudstone (bkground)
369	1GS228R	39.79066	114.1161	39	47	26	114	6	58	NV	White Pine	dark gray to tan-green, calcareous, fissile mudstone (background)
370	1GS229R	39.79131	114.1162	39	47	29	114	6	58	NV	White Pine	brecciated black chert cut by thin calcite veinlets
371	1GS230R1	39.793	114.1074	39	47	35	114	6	27	NV	White Pine	disaggregated black shale (background)
372	1GS230R2	39.793	114.1074	39	47	35	114	6	27	NV	White Pine	dark gray to rusty red, weakly silicified mudstone; cut by calcite
373	1GS231R	39.79108	114.1019	39	47	28	114	6	7	NV	White Pine	dark gray (fresh) to gray-tan (weathered) shaly limestone
374	1GS232R	39.79859	114.0999	39	47	55	114	5	59	NV	White Pine	disaggregated black shale (background)
375	1GS233R	39.80447	114.099	39	48	16	114	5	56	NV	White Pine	disaggregated black shale (background)
376	1GS234R1	39.79151	113.9797	39	47	29	113	58	47	UT	Juab	FeOx-stained quartz with possible galena & pyromorphite, Jumbo mine
377	1GS234R2	39.79151	113.9797	39	47	29	113	58	47	UT	Juab	quartz veinlets and vein fragments, Jumbo mine
378	1GS234R3	39.79151	113.9797	39	47	29	113	58	47	UT	Juab	white quartz pebble conglomerate, Jumbo mine
379	1GS234R5	39.79151	113.9797	39	47	29	113	58	47	UT	Juab	FeOx-stained quartz, Jumbo mine
380	1GS235R	39.80216	113.9863	39	48	8	113	59	11	UT	Juab	FeOx-stained limestone from small shear zone
381	1GS236R1	39.80235	113.9802	39	48	8	113	58	49	UT	Juab	FeOx-stained quartzite breccia (doghole prospect)
382	1GS236R2	39.80235	113.9802	39	48	8	113	58	49	UT	Juab	FeOx-stained quartzite breccia with pyrite pseudomorphs (doghole)
383	1GS237R1	39.80357	113.959	39	48	13	113	57	32	UT	Juab	relatively unaltered alaskite w/ trace garnet, Queen of Sheba mine
384	1GS237R2	39.80357	113.959	39	48	13	113	57	32	UT	Juab	coarse greisen with possible trace tourmaline, Queen of Sheba mine
385	1GS237R3	39.80357	113.959	39	48	13	113	57	32	UT	Juab	FeOx-rich, tan, quartz-rich ore, Queen of Sheba mine
386	1GS238R1	39.85281	114.0343	39	51	10	114	2	4	UT	Juab	brecciated, FeOx-stained, red to gray jasperoid
387	1GS238R2	39.85281	114.0343	39	51	10	114	2	4	UT	Juab	clay-altered, FeOx-stained, felsic intrusive rock (dike?)
388	1GS239R	39.8521	114.0347	39	51	8	114	2	5	UT	Juab	gray, locally drusy jasperoid
389	1GS240R	39.80297	114.0247	39	48	11	114	1	29	UT	Juab	unmineralized clay-altered felsic igneous wallrock; Bismark mine
390	1GS241R	39.77838	114.0157	39	46	42	114	0	57	UT	Juab	gray limestone cut by thin calcite veinlets
391	1GS242R1	39.77873	114.017	39	46	43	114	1	1	UT	Juab	coarse-grained calcite with FeOx staining
392	1GS242R2	39.77873	114.017	39	46	43	114	1	1	UT	Juab	spongy-textured tan calcite cut by white calcite veinlets
393	1GS243R	39.77829	114.0177	39	46	42	114	1	4	UT	Juab	tan and red stained limestone breccia with white calcite matrix
394	1GS244R	39.77721	114.0192	39	46	38	114	1	9	UT	Juab	spongy-textured limestone/calcite breccia
395	1GS245R	39.77903	114.0178	39	46	44	114	1	4	UT	Juab	jasperoid cut by gray silica veinlets
396	1GS246R	39.77932	114.0161	39	46	46	114	0	58	UT	Juab	red to tan stained coarse calcite/limestone breccia
397	1GS247R	39.80021	114.013	39	48	1	114	0	47	UT	Juab	FeOx-rich limestone cut by calcite veins
398	1GS248R1	39.80024	114.0141	39	48	1	114	0	51	UT	Juab	FeOx-rich gossan; contains malachite
399	1GS248R2	39.80024	114.0141	39	48	1	114	0	51	UT	Juab	thin calcite veinlet boxwork; matrix dissolved
400	1GS249R	39.8293	113.9588	39	49	45	113	57	32	UT	Juab	altered, vuggy, coarse-grained Ibapah monzogranite

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	LATITUDE	LONGITUDE	DLAT	MLAT	SLAT	DLON	MLON	SLON	ST	COUNTY	SAMPLE NAME & DESCRIPTION
401	1SM007R	39.82829	114.1152	39	49	42	114	6	55	NV	White Pine	brick-red FeOx-stained limestone
402	1SM009R1	39.80452	114.0903	39	48	16	114	5	25	NV	White Pine	tan to red limestone and recrystallized limestone, locally vuggy
403	1SM009R2	39.80452	114.0903	39	48	16	114	5	25	NV	White Pine	brick-red FeOx-stained limestone cut by calcite veinlets
404	2DC301R	39.844	114.0944	39	50	38	114	5	40	NV	White Pine	hematite-stained recrystallized Guilmette Formation limestone
405	2DC302R	39.85242	114.0801	39	51	9	114	4	48	NV	White Pine	jasperoid, Guilmette Formation
406	2DC304R	39.83436	114.0896	39	50	4	114	5	23	NV	White Pine	jasperoid in dolomite, Guilmette Formation
407	2DC305R	39.83734	114.0905	39	50	14	114	5	26	NV	White Pine	jasperoid in dolomite, Guilmette Formation
408	2DC306R1	39.76356	114.0649	39	45	49	114	3	54	NV	White Pine	white dolomite along high-angle fault, from Pogonip Group
409	2DC306R2	39.76356	114.0649	39	45	49	114	3	54	NV	White Pine	jasperoid along high-angle fault, from Pogonip Group
410	2DC307R1	39.75545	114.0923	39	45	20	114	5	32	NV	White Pine	orange-colored FeOx-stained Tertiary felsic dike
411	2DC307R2	39.75545	114.0923	39	45	20	114	5	32	NV	White Pine	clay-altered FeOx-stained Tertiary felsic dike
412	2DC309R	39.78487	113.9897	39	47	6	113	59	23	UT	Juab	yellow breccia, Prospect Mtn. Quartzite along range-bounding fault
413	2DC310R	39.78587	113.9928	39	47	9	113	59	34	UT	Juab	FeOx-stained breccia, Prosp. Mtn. Qtzite along range-bounding fault
414	2DC312R1	39.79224	113.9895	39	47	32	113	59	22	UT	Juab	FeOx-stained breccia, Prosp. Mtn. Qtzite along range-bounding fault
415	2DC312R2	39.79224	113.9895	39	47	32	113	59	22	UT	Juab	FeOx-stained breccia, Prosp. Mtn. Qtzite along range-bounding fault
416	2DC313R	39.84069	114.0957	39	50	26	114	5	44	NV	White Pine	FeOx-stained Tertiary felsic dike
417	2DC317R1	39.81913	114.0569	39	49	9	114	3	25	NV	White Pine	mafic dike
418	2DC317R2	39.81913	114.0569	39	49	9	114	3	25	NV	White Pine	calc-silicate in Guilmette Formaiton
419	2EB071R	39.85318	114.134	39	51	11	114	8	2	NV	White Pine	Tertiary biotite-hornblende rhyolite
420	2GS301R	39.8519	114.0758	39	51	7	114	4	33	NV	White Pine	FeOx-stained drusy gray jasperoid with FeOx coated joints
421	2GS302R	39.85094	114.0776	39	51	3	114	4	39	NV	White Pine	spongy jasperoid breccia with angular dissolution cavities
422	2GS303R	39.84798	114.0796	39	50	53	114	4	47	NV	White Pine	quartzite cut by thin vuggy quartz stockwork veinlets
423	2GS304R	39.84716	114.0799	39	50	50	114	4	47	NV	White Pine	quartz vein stockwork cutting carbonate
424	2GS305R	39.84562	114.0794	39	50	44	114	4	46	NV	White Pine	quartzite cut by quartz veinlets
425	2GS306R	39.84399	114.078	39	50	38	114	4	41	NV	White Pine	maroon jasperoid breccia w/ angular drusy vugs; in shear cutting ls
426	2GS307R	39.84332	114.0741	39	50	36	114	4	27	NV	White Pine	felsic dike with quartz phenocrysts
427	2GS308R	39.77272	114.0124	39	46	22	114	0	44	UT	Juab	FeOx-stained limestone cut by calcite veinlets
428	2GS309R	39.76927	114.0157	39	46	9	114	0	56	UT	Juab	white to reddish jasperoid replacing limestone, talus slope
429	2GS310R	39.76483	114.0194	39	45	53	114	1	10	UT	Juab	FeOx-stained calcite/dolomite breccia fragments
430	2GS312R	39.76384	114.0187	39	45	50	114	1	7	UT	Juab	FeOx-stained breccia of limestone clasts in a calcite matrix
431	2GS313R	39.78321	114.0162	39	46	60	114	0	58	UT	Juab	gray to black chert in limestone
432	2GS314R	39.78409	114.0148	39	47	3	114	0	53	UT	Juab	calcite breccia
433	2GS315R	39.78335	114.0176	39	47	0	114	1	3	UT	Juab	gray jasperoid with possible pyrite pseudomorphs
434	2GS316R	39.78328	114.0189	39	46	60	114	1	8	UT	Juab	FeOx-rich breccia
435	2GS317R	39.78333	114.0196	39	46	60	114	1	11	UT	Juab	silicified, FeOx-rich unidentified sedimentary rock
436	2GS318R	39.78628	114.0221	39	47	11	114	1	20	UT	Juab	siliceous, carbonate-beering, FeOx-stained, igneous (?) rock
437	2GS319R	39.77903	114.0178	39	46	44	114	1	4	UT	Juab	Dunderberg Shale collected near mineralized jasperoid
438	2GS320R	39.77903	114.0178	39	46	44	114	1	4	UT	Juab	dolomite collected near mineralized jasperoid
439	2GS321R	39.77903	114.0178	39	46	44	114	1	4	UT	Juab	mineralized jasperoid (resample of 1GS245R)

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
1	0DC003R	composite	outcrop	N 0.02	1.35	N 0.002	0.73	N 0.60	N 0.15	1.1	0.09	0.48	0.11	44	N 0.60	9.3
2	0DC004R	composite	outcrop	N 0.02	0.35	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	14	N 0.090	8.2	N 0.60	64
3	0DC005R	composite	outcrop	N 0.02	0.05	N 0.002	0.5	11	N 0.15	N 0.60	0.071	5.3	0.18	2.6	N 0.60	17
4	0DC006R1	composite	outcrop	N 0.02	0.4	N 0.002	0.05	4.8	N 0.15	N 0.60	0.27	19	25	3.5	N 0.60	170
5	0DC006R2	composite	outcrop	N 0.02	0.05	0.004	1.1	3.2	N 0.15	35	N 0.030	20	8.3	87	1.3	7.8
6	0DC008R1	composite	outcrop	N 0.02	1.1	N 0.002	0.1	N 0.60	N 0.15	0.61	0.25	0.61	0.25	49	N 0.60	150
7	0DC009R	composite	outcrop	N 0.02	0.1	0.004	0.16	1.8	N 0.15	1.8	N 0.030	15	8	0.9	N 0.60	5.3
8	0DC013R1	composite	outcrop	N 0.02	1.2	N 0.002	0.34	6	N 0.15	N 0.60	0.11	31	0.32	13	N 0.60	99
9	0DC013R2	composite	outcrop	N 0.02	0.65	0.024	0.77	95	N 0.15	N 0.60	N 0.030	2.8	0.91	300	N 0.60	5
10	0DC013R3	composite	outcrop	N 0.02	0.3	0.004	0.22	4.2	N 0.15	N 0.60	N 0.030	21	2.4	61	N 0.60	46
11	0DC014R1	composite	outcrop	N 0.02	0.85	N 0.002	0.079	1.1	N 0.15	N 0.60	N 0.030	0.64	N 0.090	57	N 0.60	4.3
12	0DC015R1	composite	outcrop	N 0.02	0.4	N 0.002	0.11	1	N 0.15	N 0.60	N 0.030	1.8	N 0.090	30	N 0.60	9.2
13	0DC015R2	composite	outcrop	N 0.02	0.85	N 0.002	0.067	N 0.60	N 0.15	N 0.60	0.074	23	0.84	15	N 0.60	62
14	0DC016R	composite	outcrop	N 0.02	0.8	N 0.002	0.2	2.2	N 0.15	N 0.60	0.1	3.3	0.69	35	N 0.60	19
15	0DC018R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.084	N 0.090	1.6	N 0.60	2.8
16	0DC022R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.37	N 0.090	2.6	N 0.60	0.73
17	0DC023R	composite	outcrop	N 0.02	0.9	N 0.002	0.065	1.7	N 0.15	N 0.60	0.089	13	0.45	24	N 0.60	46
18	0DC024R1	composite	outcrop	N 0.02	1	0.004	1.6	4.5	N 0.15	N 0.60	N 0.030	0.77	N 0.090	35	N 0.60	3.9
19	0DC024R2	composite	outcrop	N 0.02	1.3	N 0.002	0.13	8	N 0.15	N 0.60	0.054	36	0.62	16	N 0.60	95
20	0DC025R	composite	outcrop	N 0.02	0.25	0.008	0.095	25	N 0.15	N 0.60	N 0.030	1.3	0.13	9.5	N 0.60	0.97
21	0DC026R1	composite	outcrop	N 0.02	0.4	N 0.002	0.074	1.8	N 0.15	N 0.60	2.7	0.43	5.7	30	N 0.60	600
22	0DC027R	composite	outcrop	N 0.02	2.9	N 0.002	N 0.045	4.6	N 0.15	0.96	N 0.030	1	0.11	22	N 0.60	5.4
23	0DC031R	composite	outcrop	N 0.02	N 0.05	< 0.002	0.5	N 0.60	N 0.15	0.88	N 0.030	61	N 0.090	14	N 0.60	3.8
24	0DC034R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	0.54	N 0.60	0.18	95	0.57	5.8	N 0.60	270
25	0DC041R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	9.4	N 0.15	N 0.60	N 0.030	1.3	0.3	4.6	N 0.60	5.9
26	0DC047R	composite	outcrop	N 0.02	0.3	N 0.002	N 0.045	6.4	N 0.15	N 0.60	0.059	3.6	0.14	4.4	N 0.60	37
27	0DC049R1	composite	outcrop	N 0.02	0.55	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	N 0.030	N 0.090	4.6	N 0.60	36
28	0DC049R2	composite	outcrop	N 0.02	0.25	N 0.002	N 0.045	4.2	N 0.15	N 0.60	N 0.030	26	0.2	5.5	N 0.60	12
29	0DC050R1	composite	outcrop	N 0.02	0.15	< 0.002	0.098	34	N 0.15	N 0.60	N 0.030	3.1	0.5	8.9	N 0.60	11
30	0DC050R2	composite	outcrop	N 0.02	0.3	0.004	0.3	26	N 0.15	N 0.60	N 0.030	1.3	1.3	8.5	N 0.60	9.3
31	0DC050R3	composite	outcrop	N 0.02	0.05	N 0.002	0.046	4.9	N 0.15	N 0.60	N 0.030	0.96	0.21	21	N 0.60	2.8
32	0DC051R	composite	outcrop	N 0.02	0.2	< 0.002	0.062	17	N 0.15	N 0.60	0.073	1.5	0.37	27	N 0.60	10
33	0DC055R	composite	outcrop	N 0.02	0.1	0.002	0.38	66	N 0.15	N 0.60	0.45	9.5	0.19	370	5.4	62
34	0DC057R	composite	outcrop	N 0.02	0.05	< 0.002	N 0.045	6.6	N 0.15	N 0.60	0.05	2.9	1.5	90	N 0.60	5.8
35	0DC058R	composite	outcrop	N 0.02	0.05	< 0.002	N 0.045	2.2	N 0.15	N 0.60	N 0.030	3.5	0.14	8.9	N 0.60	1.3
36	0DC060R	composite	outcrop	N 0.02	0.1	N 0.002	0.083	2.3	N 0.15	N 0.60	N 0.030	5.1	0.27	6.8	N 0.60	12
37	0DC061R	composite	outcrop	N 0.02	< 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	N 0.030	N 0.090	0.97	N 0.60	0.2
38	0DC062R	composite	outcrop	0.06	0.05	N 0.002	N 0.045	29	N 0.15	N 0.60	0.1	3.7	0.68	270	0.63	34
39	0DC063R	composite	outcrop	N 0.02	0.15	0.052	0.26	27	N 0.15	N 0.60	0.075	0.47	0.14	13	N 0.60	5.4
40	0DC065R1	composite	outcrop	N 0.02	5	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.11	N 0.090	13	N 0.60	7.1

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Ti PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
41	0DC065R2	composite	outcrop	0.18	3.4	N 0.002	0.1	N 0.60	N 0.15	N 0.60	0.045	1.8	0.097	32	N 0.60	14
42	0DC073R1	composite	outcrop	0.42	0.35	0.004	N 0.045	19	N 0.15	N 0.60	N 0.030	9.7	0.35	1.1	2.5	2.5
43	0DC073R2	composite	outcrop	2.7	0.3	N 0.002	N 0.045	120	N 0.15	N 0.60	0.085	12	2	5.7	12	10
44	0DC074R	composite	outcrop	1	0.25	N 0.002	N 0.045	17	N 0.15	N 0.60	0.11	2	0.29	3.8	3.9	4.2
45	0DC075R1	composite	outcrop	1.8	2	N 0.002	N 0.045	290	N 0.15	N 0.60	0.24	4.8	5.5	7.2	25	15
46	0DC075R2	composite	outcrop	2.9	0.6	N 0.002	N 0.045	470	N 0.15	N 0.60	0.33	7.3	2.9	12	40	26
47	0DC078R	composite	outcrop	0.8	0.85	N 0.002	N 0.045	120	N 0.15	N 0.60	0.18	4.2	2.6	8.6	17	11
48	0DC079R	composite	outcrop	0.14	1	N 0.002	N 0.045	68	N 0.15	N 0.60	0.14	2.4	1.4	8.2	8.9	9.1
49	0DC080R	composite	outcrop	0.08	0.15	N 0.002	N 0.045	18	N 0.15	N 0.60	0.16	3.7	2.3	7.2	5.3	42
50	0DC081R	composite	outcrop	0.6	0.9	N 0.002	N 0.045	65	N 0.15	N 0.60	0.094	2.2	2.6	4.8	13	20
51	0DC082R	composite	outcrop	0.14	1.1	N 0.002	N 0.045	93	N 0.15	N 0.60	0.59	4.7	3.2	10	40	210
52	0DC083R	composite	outcrop	1.2	13	N 0.002	N 0.045	140	N 0.15	N 0.60	0.057	2.5	11	7.8	18	8.6
53	0DC084R	composite	outcrop	0.4	0.65	N 0.002	N 0.045	63	N 0.15	N 0.60	0.14	3	1.4	2.4	11	13
54	0DC085R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.36	1.4	0.095	4.1	0.62	8.1
55	0DC087R	composite	outcrop	0.7	0.35	N 0.002	N 0.045	30	N 0.15	N 0.60	N 0.030	2.3	0.63	9	8.5	2.6
56	0DC088R	composite	outcrop	0.66	0.8	N 0.002	N 0.045	130	N 0.15	N 0.60	0.12	4.1	1.4	9	11	7.9
57	0DC089R	composite	outcrop	2.7	2.2	N 0.002	N 0.045	160	N 0.15	N 0.60	0.1	7.2	3.3	13	19	5.6
58	0DC090R	composite	outcrop	0.74	1.1	N 0.002	N 0.045	39	N 0.15	N 0.60	0.075	1.9	1.4	13	13	3.4
59	0DC091R	composite	outcrop	1.8	2.9	N 0.002	N 0.045	310	N 0.15	N 0.60	0.12	6.4	4	9.6	28	12
60	0DC092R	composite	outcrop	1.3	0.9	N 0.002	N 0.045	45	N 0.15	N 0.60	0.12	5.6	1.8	7.6	22	4
61	0DC093R	composite	outcrop	0.92	18	N 0.002	N 0.045	89	N 0.15	N 0.60	0.1	3.7	6	12	28	4.8
62	0DC094R	composite	outcrop	0.84	5.1	N 0.002	N 0.045	83	N 0.15	N 0.60	0.24	6.5	6.3	22	23	32
63	0DC095R	composite	outcrop	1.7	2.6	N 0.002	N 0.045	420	N 0.15	N 0.60	0.32	17	3.4	10	49	31
64	0DC096R	composite	outcrop	0.16	6.8	N 0.002	0.048	86	N 0.15	N 0.60	0.12	6.5	1.9	16	15	11
65	0DC097R	composite	outcrop	3.3	1.7	N 0.002	N 0.045	170	N 0.15	N 0.60	0.14	5.6	1.2	8.5	21	19
66	0DC098R	composite	outcrop	2.5	6.5	N 0.002	0.048	170	N 0.15	N 0.60	0.27	17	1.5	29	32	14
67	0DC099R	composite	outcrop	1.1	3.7	N 0.002	N 0.045	160	N 0.15	N 0.60	0.23	5.2	2.8	3.1	38	25
68	0DC101R	composite	outcrop	0.4	2.5	N 0.002	0.052	110	N 0.15	N 0.60	N 0.030	6.2	4.5	13	14	9.5
69	0DC102R	composite	outcrop	2	0.55	N 0.002	0.053	110	N 0.15	N 0.60	0.16	12	5.3	20	27	4.6
70	0DC104R	composite	outcrop	3.9	40	0.002	N 0.045	700	N 0.15	N 0.60	0.15	18	6.5	23	170	30
71	0DC105R	composite	outcrop	0.6	3.7	N 0.002	0.065	350	N 0.15	N 0.60	0.23	8.8	4.1	6.1	36	43
72	0DC106R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.045	3.1	N 0.15	N 0.60	N 0.030	0.73	0.49	2.1	N 0.60	1.1
73	0DC107R	composite	outcrop	N 0.02	0.05	N 0.002	0.067	N 0.60	N 0.15	N 0.60	0.13	1.4	0.094	1.4	N 0.60	6.4
74	0DC109R1	composite	outcrop	N 0.02	0.1	N 0.002	0.073	N 0.60	N 0.15	N 0.60	0.14	1.6	0.12	4.1	N 0.60	7.9
75	0DC109R2	composite	outcrop	N 0.02	0.05	< 0.002	0.07	N 0.60	N 0.15	N 0.60	0.079	1.1	0.23	1.8	N 0.60	8.2
76	0DC110R	composite	outcrop	N 0.02	0.05	N 0.002	0.46	N 0.60	N 0.15	N 0.60	0.042	2.4	N 0.090	12	1.4	8.4
77	0DC111R	composite	outcrop	N 0.02	N 0.05	N 0.002	0.06	N 0.60	N 0.15	N 0.60	0.27	0.81	N 0.090	1.2	N 0.60	9.9
78	0DC113R	composite	outcrop	0.4	1.4	N 0.002	0.23	82	N 0.15	N 0.60	2.2	31	8.3	12	14	320
79	0DC115R	composite	outcrop	1.4	1.5	N 0.002	0.11	50	N 0.15	N 0.60	0.12	4.7	1.4	13	34	21
80	0DC116R	composite	outcrop	N 0.02	< 0.05	N 0.002	0.056	1.7	N 0.15	N 0.60	0.42	0.82	0.12	2	N 0.60	8.2

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
81	0DC117R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.18	0.48	0.19	1.1	N 0.60	9.2
82	0DC119R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.13	0.23	0.15	N 0.60	N 0.60	8.7
83	0DC120R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.23	0.41	0.21	N 0.60	N 0.60	6.2
84	0DC121R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.34	0.51	0.61	0.67	N 0.60	15
85	0DC122R	composite	outcrop	7.2	4.2	N 0.002	N 0.045	200	N 0.15	N 0.60	0.11	7.9	4	11	68	4.5
86	0DC123R	composite	outcrop	0.3	4.3	N 0.002	N 0.045	42	N 0.15	N 0.60	0.064	1.9	2.2	8.5	13	21
87	0DC131R	composite	outcrop	N 0.02	1.7	N 0.002	N 0.045	N 0.60	N 0.15	4.7	N 0.030	0.3	N 0.090	9.9	N 0.60	3.9
88	0DC132R	composite	outcrop	1.1	1	0.026	N 0.045	36	N 0.15	N 0.60	0.14	2.7	1.6	5.1	21	19
89	0DC133R	composite	outcrop	0.92	0.3	< 0.002	N 0.045	19	N 0.15	N 0.60	0.036	2	0.46	1.7	9.9	3.2
90	0DC134R	composite	outcrop	0.16	0.85	N 0.002	N 0.045	11	N 0.15	N 0.60	0.062	7	0.58	6	N 0.60	10
91	0DC135R	composite	outcrop	0.1	3.7	N 0.002	N 0.045	170	N 0.15	N 0.60	0.17	5.6	0.68	14	32	26
92	0DC136R	composite	outcrop	0.94	1.2	N 0.002	N 0.045	84	N 0.15	N 0.60	0.04	6.2	2	17	9.3	12
93	0DC138R	composite	outcrop	0.62	0.15	N 0.002	N 0.045	18	N 0.15	N 0.60	0.042	1.1	0.66	2.5	7.7	6
94	0DC139R	composite	outcrop	1	0.4	N 0.002	N 0.045	51	N 0.15	N 0.60	0.061	4.5	5.1	7.9	16	14
95	0DC140R1	composite	outcrop	0.28	0.1	N 0.002	N 0.045	16	N 0.15	N 0.60	0.11	1.2	1.2	1.9	7.1	31
96	0DC140R2	composite	outcrop	0.78	0.55	N 0.002	N 0.045	4.8	N 0.15	N 0.60	0.037	1.7	0.54	1.7	4.6	8
97	0DC142R	composite	outcrop	0.74	1	N 0.002	N 0.045	39	N 0.15	N 0.60	0.77	4	3.7	4.1	10	230
98	0DC143R	composite	outcrop	0.02	0.35	N 0.002	N 0.045	38	N 0.15	N 0.60	0.1	11	2.7	4.6	10	20
99	0DC144R	composite	outcrop	2.2	1.7	N 0.002	N 0.045	320	N 0.15	N 0.60	0.47	9.7	3	8.9	59	67
100	0DC145R	composite	outcrop	0.52	0.2	N 0.002	N 0.045	11	N 0.15	N 0.60	0.15	5.6	0.94	4.1	3.5	11
101	0DC146R	composite	outcrop	0.38	0.15	N 0.002	N 0.045	23	N 0.15	N 0.60	0.21	1.5	1.5	2.4	2.6	20
102	0DC150R1	grab	outcrop	1	1	N 0.004	0.16	6.6	N 0.15	N 0.60	0.066	6.6	5.1	2.4	3.3	260
103	0DC150R2	composite	float	0.28	2.5	0.012	0.47	11	N 0.15	N 0.60	0.048	3	2.5	2.5	6.9	25
104	0DC150R3	composite	outcrop	0.62	0.25	N 0.002	0.047	1.8	N 0.15	N 0.60	0.059	4.9	0.33	1.6	1.2	8.9
105	0DC155R1	composite	outcrop	0.46	0.2	N 0.002	0.12	22	N 0.15	N 0.60	0.054	5.2	4.8	22	3.3	7.6
106	0DC155R2	composite	outcrop	2.2	0.8	0.014	0.17	87	N 0.15	N 0.60	0.078	2.9	3.9	16	10	12
107	0DC157R	composite	outcrop	0.18	N 0.05	N 0.002	0.047	N 0.60	N 0.15	N 0.60	N 0.030	3	0.2	0.97	N 0.60	1.7
108	0DC158R	composite	outcrop	0.12	0.1	N 0.002	0.057	3.3	N 0.15	N 0.60	0.056	2.3	2.6	3.9	1.3	3.1
109	0GS001R	grab	alluvium	N 0.02	0.25	N 0.002	N 0.045	1.2	N 0.15	N 0.60	N 0.030	2.4	0.21	3.2	N 0.60	8.5
110	0GS002R1	grab	alluvium	N 0.02	0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.26	N 0.090	0.61	N 0.60	0.43
111	0GS002R2	composite	alluvium	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.13	N 0.090	0.87	N 0.60	0.26
112	0GS003R	grab	alluvium	N 0.02	< 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	2.4	0.17	4.1	N 0.60	1.7
113	0GS004R1	grab	alluvium	N 0.02	< 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.84	0.15	2	1.5	3.3
114	0GS004R2	grab	outcrop	N 0.02	< 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.59	0.099	0.93	N 0.60	1.6
115	0GS005R	grab	alluvium	N 0.02	0.25	< 0.002	N 0.045	6.5	N 0.15	N 0.60	N 0.030	1.8	0.3	5.6	N 0.60	2.6
116	0GS008R	composite	alluvium	N 0.02	0.15	N 0.002	N 0.045	0.87	N 0.15	N 0.60	0.15	4.7	0.22	22	N 0.60	9.5
117	0GS009R	grab	alluvium	N 0.02	< 0.05	N 0.002	N 0.045	1.2	N 0.15	N 0.60	N 0.030	0.57	N 0.090	0.68	N 0.60	0.62
118	0GS010R	composite	outcrop	0.04	N 0.05	N 0.002	N 0.045	1.2	N 0.15	N 0.60	N 0.030	0.78	0.12	3.9	N 0.60	1.3
119	0GS011R	grab	alluvium	N 0.02	0.25	N 0.002	0.16	1.7	N 0.15	N 0.60	0.043	1.5	0.48	16	N 0.60	1.3
120	0GS012R1	composite	alluvium	N 0.02	0.1	N 0.002	0.11	1.7	N 0.15	N 0.60	N 0.030	1.7	0.24	11	N 0.60	4.5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Ti PPM A	Au PPM G	Ag PPM i	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM i
121	0GS012R2	grab	alluvium	N 0.02	0.05	N 0.002	0.8	4.2	N 0.15	N 0.60	0.081	6.3	0.28	11	0.67	16
122	0GS014R1	grab	alluvium	N 0.02	0.5	0.022	0.36	210	N 0.15	1.3	0.25	14	3.3	1100	4.1	260
123	0GS014R2	grab	alluvium	0.48	0.7	N 0.002	0.15	76	N 0.15	N 0.60	0.26	5.3	0.81	12	15	23
124	0GS016R1	composite	alluvium	N 0.02	0.05	N 0.002	N 0.045	1.4	N 0.15	N 0.60	N 0.030	0.42	0.14	1.8	N 0.60	1.2
125	0GS016R2	grab	alluvium	0.02	0.05	N 0.002	N 0.045	2.1	N 0.15	N 0.60	0.045	0.65	0.21	4.9	0.83	17
126	0GS018R	grab	alluvium	0.02	0.2	0.044	2.6	19	0.17	N 0.60	N 0.030	2.3	0.9	3.2	3.3	1.7
127	0GS019R	composite	alluvium	N 0.02	0.05	N 0.002	N 0.045	1.1	N 0.15	N 0.60	N 0.030	4.7	0.32	4.9	N 0.60	13
128	0GS020R	composite	alluvium	0.08	0.5	0.1	2.1	97	0.17	N 0.60	0.043	2.8	0.53	2.9	5.1	5.3
129	0GS021R	grab	alluvium	0.04	N 0.05	N 0.002	0.066	7.3	N 0.15	N 0.60	0.15	2.4	0.71	8.3	1.4	52
130	0GS022R	composite	alluvium	0.1	0.35	N 0.002	0.067	79	N 0.15	N 0.60	0.11	5.1	2.9	14	6.6	19
131	0GS023R1	grab	outcrop	N 0.02	0.05	N 0.002	0.18	34	N 0.15	N 0.60	N 0.030	0.37	0.16	6.2	1.1	5.9
132	0GS023R2	composite	mine dump	0.1	1.4	0.034	8.4	220	N 0.15	N 0.60	0.063	7.5	3.7	10	33	17
133	0GS023R3	composite	mine dump	0.14	4.5	0.04	5.2	890	N 0.15	N 0.60	0.29	57	7.3	630	280	120
134	0GS024R1	composite	outcrop	0.04	0.55	0.03	52	100	N 0.15	N 0.60	0.088	11	2.4	22	100	18
135	0GS024R2	composite	outcrop	N 0.02	1	0.01	3.1	17	N 0.15	N 0.60	0.034	3.2	0.62	6.6	3.7	15
136	0GS025R1	grab	alluvium	N 0.02	0.05	N 0.002	N 0.045	3.3	N 0.15	N 0.60	N 0.030	4.6	0.36	3.8	N 0.60	2.5
137	0GS025R2	grab	alluvium	N 0.02	0.9	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.15	6.9	N 0.090	4.9	N 0.60	36
138	0GS026R1	composite	mine dump	N 0.02	0.1	N 0.002	0.36	4.9	N 0.15	N 0.60	0.071	3.1	0.13	15	1.8	12
139	0GS026R2	grab	mine dump	N 0.02	0.1	N 0.002	0.074	7.4	N 0.15	N 0.60	0.098	2.4	0.34	110	2.6	7.5
140	0GS027R1	grab	alluvium	0.2	1.4	N 0.002	N 0.045	470	N 0.15	N 0.60	0.12	10	2.1	8	21	5.2
141	0GS027R2	grab	alluvium	N 0.02	0.7	N 0.002	N 0.045	2.4	N 0.15	N 0.60	N 0.030	17	0.18	7.5	N 0.60	29
142	0GS029R	grab	float	0.12	0.6	N 0.002	N 0.045	14	N 0.15	N 0.60	0.096	4.1	0.54	3.4	1.5	4.8
143	0GS030R	composite	alluvium	N 0.02	0.2	N 0.002	N 0.045	2.8	N 0.15	N 0.60	N 0.030	1.1	N 0.090	2.9	N 0.60	2
144	0GS031R1	composite	mine dump	H	1.5	0.1	6600	6900	N 13	N 50	410	24000	220	25000	28000	37000
145	0GS031R2	composite	outcrop	N 0.02	0.45	N 0.002	0.9	17	N 0.15	N 0.60	0.23	18	0.4	120	6.8	50
146	0GS031R3	grab	mine dump	H	0.8	0.2	16000	2000	N 13	N 50	590	16000	110	11000	4700	86000
147	0GS032R	composite	mine dump	0.06	0.4	0.008	7.6	440	N 0.15	N 0.60	0.058	6.7	0.55	28	7.3	19
148	0GS033R	composite	alluvium	0.02	0.35	N 0.002	1.5	160	N 0.15	N 0.60	0.088	6.1	1.6	28	15	21
149	0GS034R	composite	outcrop	0.1	0.1	N 0.002	N 0.045	3	N 0.15	N 0.60	N 0.030	0.53	0.16	0.72	N 0.60	2.3
150	0GS035R	composite	alluvium	0.1	0.7	N 0.002	0.087	37	N 0.15	N 0.60	0.12	1.7	0.97	2.6	0.84	15
151	0GS036R	composite	alluvium	N 0.02	N 0.05	N 0.002	0.39	0.79	N 0.15	N 0.60	0.086	0.58	0.86	6.5	4.2	71
152	0GS037R1	composite	outcrop	0.58	0.55	N 0.002	0.39	15	N 0.15	N 0.60	0.043	2.1	3.3	4.9	7	6.2
153	0GS037R2	composite	float	1.9	2.1	N 0.002	0.31	320	N 0.15	N 0.60	0.19	5.4	5	13	66	24
154	0GS038R	composite	float	2.5	20	< 0.002	0.51	120	N 0.15	N 0.60	0.074	13	1.4	11	46	12
155	0GS039R	grab	alluvium	0.1	0.2	N 0.002	N 0.045	4.3	N 0.15	N 0.60	N 0.030	0.91	0.29	1.8	N 0.60	4.6
156	0GS040R1	composite	alluvium	0.02	0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.51	1.5	1.6	0.67	0.82
157	0GS040R2	composite	alluvium	N 0.02	0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.94	0.33	2.9	N 0.60	2.8
158	0GS040R3	grab	alluvium	0.02	0.1	N 0.002	N 0.045	80	N 0.15	N 0.60	0.043	1.9	3.7	4.4	5.7	3.8
159	0GS042R	composite	outcrop	4.2	9.5	N 0.002	N 0.045	680	0.2	N 0.60	0.56	32	22	20	70	52
160	0GS043R	composite	alluvium	1.9	6	N 0.002	N 0.045	570	N 0.15	N 0.60	0.56	13	11	20	76	170

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Ti PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
161	0GS044R1	composite	alluvium	0.06	0.15	N 0.002	N 0.045	2.1	N 0.15	N 0.60	N 0.030	0.91	1	2.8	0.6	2.6
162	0GS044R2	composite	alluvium	0.14	0.15	N 0.002	N 0.045	11	N 0.15	N 0.60	N 0.030	0.7	3.3	1.9	2.9	2
163	0GS046R	composite	alluvium	0.14	0.95	N 0.002	N 0.045	74	N 0.15	N 0.60	0.21	3.8	1.7	8.6	12	23
164	0GS047R	composite	alluvium	0.1	0.15	N 0.002	N 0.045	65	N 0.15	N 0.60	0.23	2.5	0.76	11	5.6	21
165	0GS048R	composite	alluvium	0.38	0.95	N 0.002	N 0.045	95	N 0.15	N 0.60	0.11	1.7	2.9	3.9	20	15
166	0GS051R	composite	alluvium	0.5	0.45	N 0.002	N 0.045	150	N 0.15	N 0.60	0.12	5	1.7	9	13	22
167	0GS052R1	grab	alluvium	N 0.02	0.35	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	5.8	0.13	1.1	N 0.60	15
168	0GS052R2	composite	alluvium	0.78	4	N 0.002	0.063	34	N 0.15	N 0.60	0.7	12	3.7	21	13	220
169	0GS053R1	composite	outcrop	0.02	N 0.05	N 0.002	N 0.045	1.9	N 0.15	N 0.60	0.46	4.1	0.39	4.5	N 0.60	33
170	0GS053R2	composite	float	N 0.02	0.1	N 0.002	N 0.045	2.5	N 0.15	N 0.60	0.13	2.4	0.53	3.1	N 0.60	35
171	0GS053R3	composite	float	0.2	0.6	N 0.002	N 0.045	160	N 0.15	N 0.60	2.5	23	21	35	3.6	520
172	0GS054R1	composite	alluvium	N 0.02	0.1	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	2.2	0.11	2.2	N 0.60	7.6
173	0GS054R2	composite	alluvium	N 0.02	0.2	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.049	2.1	N 0.090	4.4	N 0.60	30
174	0GS054R3	composite	alluvium	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.045	0.62	0.12	N 0.60	N 0.60	3.7
175	0GS055R	composite	outcrop	0.02	0.15	N 0.002	0.26	3.8	N 0.15	N 0.60	0.33	8.3	0.82	10	0.62	45
176	0GS056R	composite	alluvium	1.1	1	N 0.002	N 0.045	47	N 0.15	N 0.60	0.082	4.4	1.6	5.6	12	7.7
177	0GS057R	composite	outcrop	0.02	0.05	N 0.002	N 0.045	0.99	N 0.15	N 0.60	0.16	0.75	N 0.090	1.5	N 0.60	7.9
178	0GS058R	composite	alluvium	2	4	N 0.002	N 0.045	220	N 0.15	N 0.60	0.15	5.1	2.8	5.9	24	11
179	0GS059R	composite	alluvium	2.7	1.4	N 0.002	N 0.045	51	N 0.15	N 0.60	0.089	3.1	0.92	4.3	18	11
180	0GS061R	composite	alluvium	0.04	N 0.05	N 0.002	0.062	1.7	N 0.15	N 0.60	0.13	0.79	0.12	0.74	N 0.60	10
181	0GS062R1	grab	outcrop	0.04	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.41	N 0.090	N 0.60	N 0.60	1.3
182	0GS062R2	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	0.17	0.5	N 0.090	0.84	N 0.60	8.3
183	0GS063R	composite	outcrop	1.8	5	N 0.002	N 0.045	91	N 0.15	N 0.60	0.12	5.1	1.1	9.8	21	7.9
184	0GS064R	composite	outcrop	0.04	0.15	N 0.002	N 0.045	2	N 0.15	N 0.60	0.061	4.2	0.81	4.3	N 0.60	7.3
185	0GS066R1	composite	alluvium	0.12	0.35	N 0.002	0.92	4.6	N 0.15	N 0.60	0.24	20	2.5	9.5	1.2	48
186	0GS066R2	composite	prospect pit	0.48	0.15	N 0.002	0.26	23	N 0.15	N 0.60	0.17	12	1.3	11	3.5	68
187	0GS066R3	composite	prospect pit	0.1	N 0.05	N 0.002	N 0.045	0.7	N 0.15	N 0.60	0.037	0.51	N 0.090	N 0.60	N 0.60	6
188	0GS067R	grab	alluvium	N 0.02	< 0.05	N 0.002	0.047	N 0.60	N 0.15	N 0.60	N 0.030	0.67	0.2	N 0.60	N 0.60	7.4
189	0GS068R	composite	alluvium	N 0.02	< 0.05	N 0.002	0.057	0.68	N 0.15	N 0.60	0.58	0.96	0.34	0.76	N 0.60	25
190	0GS069R	composite	alluvium	N 0.02	< 0.05	N 0.002	N 0.045	0.72	N 0.15	N 0.60	0.21	0.93	0.28	0.64	N 0.60	15
191	0GS070R	composite	alluvium	0.02	0.05	N 0.002	0.072	0.76	N 0.15	N 0.60	0.32	3.7	0.98	1.1	N 0.60	33
192	0GS071R	grab	alluvium	0.04	0.05	N 0.002	N 0.045	2	N 0.15	N 0.60	0.96	2.7	0.73	4.4	N 0.60	220
193	0GS072R	grab	alluvium	N 0.02	0.1	N 0.002	0.14	6.5	N 0.15	N 0.60	0.98	2.5	1.8	16	N 0.60	20
194	0GS074R	composite	alluvium	N 0.02	0.1	N 0.002	0.075	N 0.60	N 0.15	N 0.60	0.27	2	1.1	N 0.60	N 0.60	34
195	0GS077R1	composite	outcrop	N 0.02	0.1	N 0.002	0.05	4.8	N 0.15	N 0.60	0.44	2.2	0.42	3.8	0.88	8.5
196	0GS077R2	composite	alluvium	0.32	0.35	N 0.002	N 0.045	36	N 0.15	N 0.60	0.089	3	1.4	4	8.7	15
197	0GS079R1	composite	alluvium	0.02	0.3	N 0.002	0.049	2	N 0.15	N 0.60	0.055	1.4	0.3	9.7	N 0.60	4.8
198	0GS079R2	grab	alluvium	N 0.02	N 0.05	< 0.002	0.1	1	N 0.15	N 0.60	0.68	0.58	0.17	7.1	N 0.60	3.7
199	0GS079R3	grab	alluvium	N 0.02	0.05	N 0.002	N 0.045	1.3	N 0.15	N 0.60	N 0.030	0.46	N 0.090	2.5	N 0.60	1.5
200	0GS080R	grab	alluvium	N 0.02	0.15	N 0.002	N 0.045	6.5	N 0.15	N 0.60	0.051	5.6	0.47	5.8	N 0.60	3

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
201	0GS081R1	grab	alluvium	N 0.02	N 0.05	N 0.002	N 0.045	1	N 0.15	N 0.60	0.34	0.42	N 0.090	4	N 0.60	25
202	0GS081R2	grab	alluvium	N 0.02	< 0.05	N 0.002	N 0.045	0.79	N 0.15	N 0.60	0.18	0.8	0.15	0.99	N 0.60	7.9
203	0GS082R1	composite	alluvium	0.2	2.6	N 0.002	N 0.045	58	N 0.15	N 0.60	0.27	3.9	11	9.6	29	29
204	0GS082R2	composite	alluvium	0.68	2	N 0.002	0.045	25	N 0.15	N 0.60	0.14	2.4	2.8	4.3	9.4	11
205	0GS084R	composite	alluvium	0.02	N 0.05	N 0.002	N 0.045	1.5	N 0.15	N 0.60	0.25	2	1	1.5	N 0.60	28
206	0GS085R1	composite	alluvium	N 0.02	0.1	N 0.002	0.12	1.1	N 0.15	N 0.60	0.25	3	1	1.2	N 0.60	29
207	0GS085R2	composite	outcrop	N 0.02	0.05	N 0.002	0.068	1.9	N 0.15	N 0.60	0.46	1.1	0.86	0.73	N 0.60	29
208	0GS086R1	composite	outcrop	0.02	0.05	N 0.002	0.14	10	N 0.15	N 0.60	1.2	4	1.3	40	0.61	240
209	0GS086R2	composite	float	N 0.02	0.05	N 0.002	0.23	5.1	N 0.15	N 0.60	0.24	2.3	0.53	7.9	N 0.60	83
210	0GS088R	composite	alluvium	N 0.02	1.9	N 0.002	0.053	N 0.60	N 0.15	1.2	0.047	0.58	0.092	15	N 0.60	25
211	0GS089R	composite	alluvium	N 0.02	0.75	N 0.002	0.068	N 0.60	N 0.15	N 0.60	N 0.030	17	0.49	7	N 0.60	43
212	0GS091R	composite	alluvium	N 0.02	0.15	N 0.002	1.1	1.1	N 0.15	N 0.60	N 0.030	10	0.11	7.8	N 0.60	5.2
213	0GS093R1	composite	mine dump	0.04	0.3	0.55	3.3	490	0.72	N 0.60	1.6	32	3	2100	3.4	390
214	0GS093R2	composite	mine dump	N 0.20	0.6	11.5	79	11000	58	N 50	N 2.5	120	N 7.5	71000	71	460
215	0GS094R	composite	alluvium	N 0.02	1.6	< 0.002	1.4	18	N 0.15	N 0.60	0.048	35	0.66	640	N 0.60	77
216	0GS097R	grab	float	N 0.02	0.95	N 0.002	0.05	2.2	N 0.15	0.82	0.039	1	0.56	25	N 0.60	5.3
217	0GS098R	composite	alluvium	N 0.02	1.8	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.57	0.15	14	N 0.60	21
218	0GS099R1	composite	alluvium	N 0.02	0.95	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	5.9	0.64	12	N 0.60	43
219	0GS099R2	composite	outcrop	N 0.02	1.6	N 0.002	N 0.045	0.69	N 0.15	N 0.60	0.042	6	0.64	12	N 0.60	43
220	0GS100R	composite	outcrop	N 0.02	0.9	N 0.002	0.048	N 0.60	N 0.15	N 0.60	0.031	5.3	0.26	4.4	N 0.60	11
221	0GS101R	composite	float	N 0.02	0.6	N 0.002	N 0.045	0.87	N 0.15	N 0.60	0.15	8.1	0.25	7	N 0.60	16
222	0GS104R	composite	alluvium	N 0.02	0.55	N 0.002	0.047	N 0.60	N 0.15	N 0.60	0.067	9.1	0.43	4.7	N 0.60	18
223	0GS111R	composite	outcrop	N 0.02	0.7	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	2.9	0.39	2.4	N 0.60	22
224	0GS115R1	composite	alluvium	N 0.02	1.6	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.17	0.099	6.1	N 0.60	4.1
225	0GS115R2	grab	alluvium	N 0.02	1.5	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.44	0.94	15	N 0.60	0.51
226	0GS115R3	grab	alluvium	N 0.02	0.5	N 0.002	0.06	N 0.60	N 0.15	N 0.60	N 0.030	0.13	1.1	18	N 0.60	10
227	0GS117R1	grab	outcrop	N 0.02	0.5	N 0.002	0.069	N 0.60	N 0.15	2.1	N 0.030	4.5	4.5	39	N 0.60	7.5
228	0GS117R2	grab	outcrop	N 0.02	1.5	N 0.002	0.048	0.67	N 0.15	11	N 0.030	0.68	0.6	26	N 0.60	3.5
229	0GS120R	composite	alluvium	0.02	< 0.05	N 0.002	0.077	1.2	N 0.15	N 0.60	N 0.030	0.68	0.4	2.5	N 0.60	1.7
230	0GS121R	composite	alluvium	N 0.02	< 0.05	N 0.002	N 0.045	0.65	N 0.15	N 0.60	0.03	0.65	N 0.090	7.8	N 0.60	2.5
231	0GS122R	composite	alluvium	N 0.02	0.15	N 0.002	0.048	54	N 0.15	N 0.60	0.089	11	0.47	3	0.81	3.8
232	0GS123R	grab	alluvium	N 0.02	N 0.05	N 0.002	0.058	N 0.60	N 0.15	N 0.60	N 0.030	0.45	0.092	N 0.60	N 0.60	5.5
233	0GS125R	composite	mine dump	N 0.20	0.1	0.042	29	73	N 13	N 50	N 2.5	33000	N 7.5	470	78	51
234	0GS126R1	composite	alluvium	0.1	0.6	N 0.002	N 0.045	0.91	N 0.15	0.99	N 0.030	15	1.3	18	N 0.60	6
235	0GS126R2	grab	alluvium	0.36	1	N 0.002	0.1	1.1	N 0.15	0.92	0.058	52	0.44	4	N 0.60	80
236	0GS126R3	composite	outcrop	0.02	0.15	N 0.002	N 0.045	2.2	N 0.15	N 0.60	N 0.030	30	4.1	27	N 0.60	19
237	0GS127R	composite	alluvium	0.06	0.05	N 0.002	0.29	N 0.60	N 0.15	N 0.60	N 0.030	14	2.5	0.88	N 0.60	0.083
238	0GS129R1	grab	alluvium	0.3	0.85	N 0.002	33	19	N 0.15	98	0.25	270	1.3	570	N 0.60	71
239	0GS129R2	grab	alluvium	0.02	0.35	N 0.002	0.069	N 0.60	N 0.15	N 0.60	0.045	24	0.14	12	N 0.60	89
240	0GS130R1	composite	outcrop	0.04	2.1	N 0.002	0.065	1.2	N 0.15	N 0.60	0.037	8.4	0.24	21	N 0.60	13

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
241	0GS130R2	composite	float	0.02	3.2	N 0.002	0.25	1.4	N 0.15	N 0.60	2	6.1	0.55	1000	N 0.60	600
242	0GS131R	grab	float	2	3.2	N 0.002	0.13	1	N 0.15	1	0.097	1.3	0.14	140	0.83	32
243	0GS132R1	composite	outcrop	N 0.02	2.3	N 0.002	0.076	0.76	N 0.15	N 0.60	0.078	1.2	0.2	25	N 0.60	65
244	0GS132R2	grab	outcrop	0.02	0.8	N 0.002	0.064	N 0.60	N 0.15	N 0.60	0.033	8	0.26	19	N 0.60	42
245	0GS134R	grab	outcrop	0.1	1.8	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	0.64	N 0.090	19	N 0.60	1.7
246	0GS135R	composite	alluvium	1.3	0.1	N 0.002	N 0.045	N 0.60	N 0.15	N 0.60	N 0.030	3.2	0.18	6	N 0.60	20
247	0GS139R	composite	prospect pit	0.14	1	N 0.002	0.13	0.81	N 0.15	1.2	0.046	23	0.71	5.1	N 0.60	67
248	0GS140R	composite	float	0.46	0.3	N 0.002	0.47	83	N 0.15	0.96	0.08	30	0.76	140	2.4	16
249	0GS141R1	composite	mine dump	> 34	0.25	< 0.002	0.26	2.2	N 0.15	N 0.60	1.6	4.3	0.66	220	460	79
250	0GS141R2	composite	mine dump	> 34	1.1	N 0.002	0.15	7.1	N 0.15	N 0.60	16	6.3	0.76	230	210	480
251	0GS141R3	composite	mine dump	> 34	0.15	0.008	88	50	N 0.15	N 0.60	27	700	1.7	19000	530	> 1300
252	0GS142R1	composite	outcrop	1.5	0.3	< 0.002	0.85	13	N 0.15	N 0.60	0.17	3.7	0.77	15	12	12
253	0GS142R2	composite	outcrop	1.9	0.8	N 0.002	0.26	50	N 0.15	N 0.60	0.058	6.9	1.3	5.2	28	7.6
254	1CT025R	composite	outcrop	N 0.02	0.05	N 0.002	0.051	5.3	N 0.15	N 0.60	0.47	2.8	0.21	1.8	N 0.60	19
255	1CT026R	composite	outcrop	N 0.02	< 0.05	N 0.002	0.078	1.7	N 0.15	N 0.60	0.38	3	0.32	1.9	N 0.60	12
256	1CT027R	composite	outcrop	N 0.02	0.1	N 0.002	N 0.045	1.2	N 0.15	N 0.60	0.22	2.7	0.26	1.6	N 0.60	5.7
257	1CT028R	composite	outcrop	N 0.02	< 0.05	N 0.002	N 0.045	0.79	N 0.15	N 0.60	0.27	1.7	0.13	1.1	N 0.60	1.4
258	1CT029R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.045	1.8	N 0.15	N 0.60	0.07	1.9	0.18	1.6	N 0.60	2.5
259	1CT034R	composite	outcrop	N 0.02	0.35	N 0.004	0.047	3.7	N 0.15	N 0.60	0.91	8.8	0.51	1.6	N 0.60	9
260	1DC161R1	composite	outcrop	0.08	0.45	N 0.002	N 0.067	54	0.16	N 0.67	5.7	4.6	1.2	2.8	5.3	260
261	1DC161R2	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	1.7	0.26	0.68	N 0.67	0.22
262	1DC163R	composite	outcrop	N 0.02	0.1	0.006	4.3	N 0.67	N 0.10	N 0.67	0.041	1.4	0.38	1.3	N 0.67	1.8
263	1DC164R	composite	outcrop	N 0.02	N 0.05	< 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	1.8	0.4	N 0.67	N 0.67	N 0.020
264	1DC165R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	0.74	0.24	N 0.67	N 0.67	N 0.020
265	1DC169R	composite	outcrop	0.02	0.05	N 0.004	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	0.61	0.13	N 0.67	N 0.67	N 0.020
266	1DC170R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	0.79	N 0.10	N 0.67	0.085	1.8	0.32	2.7	N 0.67	0.45
267	1DC171R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	0.79	N 0.10	N 0.67	0.08	1.4	0.21	2.5	N 0.67	0.59
268	1DC172R	composite	float	N 0.02	0.05	N 0.002	N 0.067	9.6	N 0.10	N 0.67	N 0.020	2.7	0.97	2.1	0.79	1.4
269	1DC173R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	2.8	0.3	N 0.67	N 0.67	1.2
270	1DC176R	composite	float	0.11	1.5	0.002	N 0.067	94	N 0.10	N 0.67	0.15	29	0.61	28	6	49
271	1DC177R	composite	outcrop	0.07	1.15	N 0.002	N 0.067	28	N 0.10	N 0.67	0.06	7.1	1.5	22	3.1	49
272	1DC181R	composite	outcrop	N 0.02	0.4	N 0.002	N 0.067	4.7	N 0.10	N 0.67	0.069	3.4	1.2	22	0.98	31
273	1DC182R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	0.94	N 0.10	N 0.67	N 0.020	1.7	0.43	N 0.67	N 0.67	3.5
274	1DC183R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	1.6	0.41	N 0.67	N 0.67	0.57
275	1DC184R	composite	float	0.11	0.55	N 0.002	N 0.067	120	N 0.10	N 0.67	0.13	8.6	1.8	24	7.5	42
276	1DC185R	composite	float	0.04	0.35	N 0.002	N 0.067	29	N 0.10	N 0.67	0.72	11	3	56	5.1	85
277	1DC186R1	composite	outcrop	0.03	0.2	N 0.002	N 0.067	1.4	N 0.10	N 0.67	0.024	0.43	0.14	0.8	N 0.67	1.9
278	1DC186R2	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	2	N 0.10	N 0.67	N 0.020	0.7	N 0.060	N 0.67	N 0.67	1.3
279	1DC187R1	composite	outcrop	15	3.4	0.002	0.08	140	N 0.10	N 0.67	0.28	6.5	7.4	9.2	80	71
280	1DC187R2	composite	outcrop	3	1.2	N 0.002	N 0.067	160	N 0.10	N 0.67	0.2	7.3	4.6	9.7	40	56

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
281	1DC187R3	composite	outcrop	2.7	3.8	0.002	N 0.067	150	N 0.10	N 0.67	0.3	14	11	7.1	140	92
282	1DC188R	composite	outcrop	N 0.02	0.1	N 0.002	N 0.067	1.6	N 0.10	N 0.67	N 0.020	0.98	0.13	N 0.67	1.2	1
283	1DC189R	composite	outcrop	N 0.02	0.9	N 0.002	N 0.067	0.83	N 0.10	N 0.67	0.036	0.43	0.08	N 0.67	N 0.67	9
284	1DC190R1	composite	outcrop	N 0.02	0.05	0.004	N 0.067	1.3	N 0.10	N 0.67	N 0.020	1.1	0.11	N 0.67	N 0.67	1.1
285	1DC190R2	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	1.9	N 0.10	N 0.67	N 0.020	1.4	1.8	2.3	0.67	0.41
286	1DC192R1	composite	float	0.2	1.9	N 0.002	N 0.067	69	N 0.10	N 0.67	0.11	12	1.8	9	7.7	30
287	1DC192R2	composite	outcrop	N 0.02	0.2	N 0.002	N 0.067	2.2	N 0.10	N 0.67	0.081	8.1	0.46	19	N 0.67	37
288	1DC193R1	composite	outcrop	0.8	4.8	0.002	N 0.067	130	N 0.10	N 0.67	0.086	3.1	1.7	2.3	83	2.4
289	1DC193R2	composite	outcrop	6.4	2.3	N 0.002	N 0.067	42	N 0.10	N 0.67	0.14	4.7	32	9.4	530	10
290	1DC195R1	composite	float	N 0.02	0.05	N 0.002	N 0.067	3.2	N 0.10	N 0.67	0.022	3.6	1.2	2.2	1.3	1.8
291	1DC195R2	composite	float	N 0.02	N 0.05	N 0.002	N 0.067	1.7	N 0.10	N 0.67	N 0.020	3.6	0.71	0.86	1	2
292	1DC196R	composite	outcrop	N 0.02	0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	4.3	0.52	0.72	N 0.67	1.4
293	1DC199R	composite	outcrop	3.4	3.6	N 0.002	N 0.067	160	N 0.10	N 0.67	0.3	15	15	9.9	180	25
294	1DC201R	composite	outcrop	N 0.02	0.15	N 0.002	N 0.067	3.5	N 0.10	N 0.67	0.036	2	1.9	3.2	2.1	3.1
295	1DC203R	composite	prospect pit	0.08	0.55	0.01	84	43	N 0.10	N 0.67	0.023	24	1.2	8.9	32	4
296	1DC204R	composite	outcrop	0.04	0.05	N 0.002	N 0.067	1.3	N 0.10	N 0.67	N 0.020	1.1	N 0.060	1.1	0.7	0.85
297	1DC205R	composite	outcrop	N 0.02	0.05	N 0.002	0.069	N 0.67	N 0.10	N 0.67	N 0.020	0.76	N 0.060	1	N 0.67	0.53
298	1DC209R	composite	outcrop	N 0.02	0.1	N 0.002	N 0.067	9.8	N 0.10	N 0.67	0.026	5.9	1.2	19	1.2	1.4
299	1DC211R	composite	outcrop	2.1	1.5	N 0.002	0.16	1200	N 0.15	N 0.60	0.05	22	1.9	20	66	3.7
300	1DC214R	composite	float	0.13	1.2	N 0.002	0.4	56	N 0.15	N 0.60	0.044	4.2	1.9	5	12	18
301	1DC216R	composite	float	0.33	0.1	N 0.002	0.085	110	N 0.15	N 0.60	0.12	11	1.4	24	2.4	30
302	1DC217R	composite	outcrop	N 0.02	< 0.05	0.006	0.046	3.2	N 0.15	N 0.60	N 0.030	1.6	0.2	0.8	N 0.60	0.75
303	1DC218R	composite	outcrop	0.13	3.6	N 0.002	N 0.045	47	N 0.15	N 0.60	0.091	9.9	0.51	29	2.4	60
304	1DC219R	composite	outcrop	1.9	6.6	N 0.002	N 0.045	300	N 0.15	N 0.60	0.076	15	5	5.1	27	14
305	1DC220R	composite	outcrop	0.04	0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	0.43	0.066	N 0.67	N 0.67	0.44
306	1DC221R1	composite	float	0.14	0.2	0.15	4.1	170	0.15	N 0.67	0.043	9	2.3	4.6	27	13
307	1DC221R2	composite	float	0.24	0.55	0.8	1.7	240	0.95	N 0.67	0.033	20	2.9	5.8	40	2.6
308	1DC222R1	composite	prospect pit	N 0.02	N 0.05	N 0.002	N 1.0	30	N 1.5	N 10	65	300	2.3	150	N 10	8500
309	1DC222R2	composite	prospect pit	0.28	0.15	0.006	N 1.0	500	N 1.5	N 10	4.4	13000	7.7	25000	100	3900
310	1DC222R3	composite	prospect pit	1.3	8.3	0.012	18	500	N 1.5	N 10	5.9	5800	49	58000	480	3900
311	1DC223R	composite	outcrop	0.02	N 0.05	N 0.002	N 0.067	1.5	N 0.10	N 0.67	N 0.020	1.2	N 0.060	N 0.67	N 0.67	0.96
312	1DC234R1	composite	outcrop	0.02	N 0.05	N 0.002	N 0.067	0.69	N 0.10	N 0.67	N 0.020	0.3	N 0.060	N 0.67	N 0.67	1.1
313	1DC234R2	composite	outcrop	0.05	N 0.05	N 0.002	0.17	N 0.67	N 0.10	N 0.67	N 0.020	0.33	0.067	0.97	N 0.67	2.7
314	1DC235R	composite	outcrop	0.37	N 0.05	N 0.002	N 0.067	9.1	N 0.10	N 0.67	0.044	2.8	0.53	6.4	0.8	16
315	1DC256R	composite	outcrop	7.8	1.2	0.016	N 0.067	300	N 0.10	N 0.67	0.15	6.7	5.4	5.7	50	16
316	1DC257R	composite	outcrop	1	0.8	N 0.002	N 0.067	93	N 0.10	N 0.67	0.099	5.2	1.7	5.4	13	5.8
317	1DC258R1	composite	outcrop	7.8	0.95	N 0.002	N 0.067	420	N 0.10	N 0.67	0.13	5.9	3.1	6.6	62	12
318	1DC258R2	composite	outcrop	3.5	8.9	N 0.002	N 0.067	1100	N 0.10	N 0.67	0.037	5.3	5	19	150	45
319	1DC259R	composite	outcrop	1.6	9.6	N 0.002	N 0.067	280	N 0.10	N 0.67	0.29	11	5.6	3.3	77	40
320	1DC260R	composite	outcrop	0.05	0.1	N 0.002	N 0.067	8.5	N 0.10	N 0.67	N 0.020	2.6	0.5	N 0.67	0.85	0.83

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
321	1DC261R	composite	float	0.02	0.1	< 0.002	N 0.067	4.9	N 0.10	N 0.67	0.12	3.2	0.48	31	0.7	46
322	1DC262R	composite	outcrop	0.03	1.1	0.1	16	66	N 0.10	N 0.67	0.032	8.8	2	8	9.5	3.5
323	1DC267R	composite	outcrop	0.73	0.4	0.05	1.1	79	0.11	N 0.67	0.055	12	0.89	11	26	8.5
324	1DC271R	composite	outcrop	0.03	N 0.05	0.1	N 0.067	N 0.67	N 0.10	N 0.67	0.021	0.4	0.12	N 0.67	N 0.67	0.32
325	1DC273R	composite	float	0.07	0.3	0.008	1.8	44	N 0.10	N 0.67	0.11	20	1.8	39	19	32
326	1DC274R1	composite	prospect pit	1.4	2.4	0.1	140	1500	N 1.5	N 10	13	4200	69	67000	2100	7700
327	1DC275R	composite	outcrop	0.02	0.05	N 0.002	N 0.067	3.5	N 0.10	N 0.67	N 0.020	1.1	0.49	N 0.67	N 0.67	2.3
328	1DC278R	composite	outcrop	0.02	0.4	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	0.93	0.087	6.4	N 0.67	29
329	1GS201R	composite	other	0.03	0.75	N 0.002	N 0.067	1.1	N 0.10	N 0.67	0.065	7.2	1.7	6.8	N 0.67	54
330	1GS202R1	composite	float	0.02	0.7	N 0.002	N 0.067	0.85	N 0.10	N 0.67	0.097	6.7	1.2	6.3	N 0.67	45
331	1GS202R2	grab	float	0.03	0.5	N 0.002	N 0.067	2	N 0.10	N 0.67	0.15	6.4	0.93	3.3	N 0.67	24
332	1GS202R3	composite	float	N 0.02	0.8	N 0.002	N 0.067	1.3	N 0.10	N 0.67	0.2	8.2	1.9	7.7	N 0.67	47
333	1GS203R	grab	float	N 0.02	0.65	N 0.002	N 0.067	1.5	N 0.10	N 0.67	0.072	7.7	1.5	5	N 0.67	38
334	1GS204R	composite	float	0.03	0.8	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	5.3	0.48	0.99	N 0.67	17
335	1GS205R	composite	outcrop	0.03	0.4	N 0.002	N 0.067	1.7	N 0.10	N 0.67	0.13	3.3	0.27	3.3	N 0.67	8.3
336	1GS206R1	composite	float	0.02	0.55	N 0.002	N 0.067	0.73	N 0.10	N 0.67	0.076	5	0.26	2	N 0.67	14
337	1GS206R2	composite	float	N 0.02	0.55	N 0.002	N 0.067	0.94	N 0.10	N 0.67	0.052	2.6	0.15	1.7	N 0.67	6.6
338	1GS207R	grab	float	N 0.02	0.75	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	0.027	6.1	0.36	0.97	N 0.67	14
339	1GS209R	composite	other	N 0.02	0.65	N 0.002	N 0.067	1.1	N 0.10	N 0.67	0.11	7.2	1.2	4.9	N 0.67	45
340	1GS211R	composite	other	0.02	0.45	N 0.002	N 0.067	1.4	N 0.10	N 0.67	0.09	12	0.82	4.6	N 0.67	32
341	1GS212R	composite	other	0.02	0.55	N 0.002	N 0.067	1	N 0.10	N 0.67	0.15	6.2	0.49	4.2	N 0.67	15
342	1GS213R1	composite	float	N 0.02	0.45	N 0.002	N 0.067	1.8	N 0.10	N 0.67	0.028	17	1.1	5.6	N 0.67	10
343	1GS213R2	grab	float	0.03	0.05	N 0.002	N 0.067	1.7	N 0.10	N 0.67	0.059	8	0.2	2.7	N 0.67	7.4
344	1GS214R	composite	float	0.12	0.6	N 0.002	N 0.067	740	N 0.10	N 0.67	0.12	6.6	4.5	8.2	100	16
345	1GS215R1	composite	prospect pit	0.5	9.4	N 0.002	2	2000	N 1.5	N 10	N 0.30	55	15	670	630	120
346	1GS215R2	composite	outcrop	0.12	0.7	0.1	0.63	160	0.13	N 0.67	0.089	15	1.1	3.1	13	32
347	1GS216R1	composite	prospect pit	0.03	0.55	N 0.002	N 1.0	320	N 1.5	N 10	N 0.30	6.9	2.9	45	28	5
348	1GS216R2	composite	outcrop	0.16	9.9	N 0.002	N 0.067	420	N 0.10	N 0.67	0.056	1.7	8.8	7.6	32	1.8
349	1GS217R1	composite	prospect pit	0.23	0.2	1.75	89	350	2.9	10	0.4	950	110	35	150	33
350	1GS217R2	composite	prospect pit	0.12	0.1	8.4	1.6	130	9.1	12	0.39	340	270	25	31	48
351	1GS218R	composite	prospect pit	0.17	0.65	0.1	240	120	N 1.5	N 10	0.32	22	1.1	27	160	99
352	1GS219R1	composite	prospect pit	8.1	46	0.1	120	3200	N 1.5	N 10	87	5600	16	38000	19000	2600
353	1GS219R2	composite	prospect pit	1.8	7.8	0.01	31	400	N 1.5	N 10	9.8	580	N 0.90	4500	1700	300
354	1GS220R1	composite	outcrop	0.07	0.3	0.018	0.6	55	N 0.10	N 0.67	0.064	35	2.8	83	41	42
355	1GS220R2	composite	prospect pit	0.3	0.65	0.014	3	220	N 1.5	N 10	2.6	650	0.96	1600	620	1100
356	1GS220R3	composite	prospect pit	2.4	0.75	0.022	58	1200	N 1.5	N 10	100	3900	17	31000	6400	3400
357	1GS221R1	composite	mine dump	0.37	0.05	0.02	N 5.0	N 50	N 7.5	N 50	120	> 11000	N 4.5	2600	560	810
358	1GS221R2	composite	mine dump	34	1.8	0.15	110	1400	N 1.5	N 10	220	15000	33	49000	11000	20000
359	1GS221R3	composite	mine dump	20	1.6	0.15	91	1100	N 1.5	N 10	140	4300	4.9	33000	8300	1500
360	1GS222R	composite	prospect pit	3	0.9	0.15	7.7	1300	N 1.5	N 10	31	8400	110	31000	3200	7900

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
361	1GS223R	composite	prospect pit	0.04	18	N 0.002	N 1.0	100	N 1.5	N 10	1.1	27	16	81	29	130
362	1GS224R	composite	prospect pit	16	0.7	0.15	190	410	N 1.5	N 10	60	2700	3.4	85000	7300	1200
363	1GS225R	composite	prospect pit	0.11	0.4	< 0.002	N 1.0	21	N 1.5	N 10	0.37	19	1	220	63	33
364	1GS226R1	composite	outcrop	0.12	0.1	N 0.002	0.48	16	N 0.10	N 0.67	0.61	47	9.1	12	2.2	220
365	1GS226R2	composite	float	N 0.02	0.15	N 0.002	N 0.067	1.1	N 0.10	N 0.67	0.059	2.1	0.18	0.85	N 0.67	8
366	1GS226R3	composite	outcrop	0.02	0.1	N 0.002	N 0.067	2.9	N 0.10	N 0.67	0.13	5.9	0.22	2.5	N 0.67	26
367	1GS227R1	composite	outcrop	0.06	0.25	N 0.002	0.88	4.9	N 0.10	N 0.67	0.51	9.7	1.5	3.7	1.3	71
368	1GS227R2	composite	outcrop	0.02	0.1	N 0.002	0.65	3.1	N 0.10	N 0.67	0.77	9.4	1.3	1.6	1.2	120
369	1GS228R	composite	outcrop	0.04	0.15	N 0.002	0.071	11	N 0.10	N 0.67	0.53	8.3	1.5	10	1.2	63
370	1GS229R	composite	outcrop	N 0.02	0.05	N 0.002	0.11	1.1	N 0.10	N 0.67	0.24	2.1	0.64	0.81	N 0.67	25
371	1GS230R1	composite	outcrop	N 0.02	0.15	N 0.002	N 0.067	4.9	N 0.10	N 0.67	0.21	16	1.7	11	0.75	72
372	1GS230R2	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.067	5.5	N 0.10	N 0.67	0.15	2.4	0.41	8.3	0.68	19
373	1GS231R	composite	float	0.05	0.1	N 0.002	0.41	4.7	N 0.10	N 0.67	1.2	13	0.79	3.2	1.5	86
374	1GS232R	composite	outcrop	0.17	0.3	N 0.002	1.7	18	N 0.10	N 0.67	6.3	61	14	11	4.5	450
375	1GS233R	composite	outcrop	0.21	0.3	N 0.002	0.42	14	N 0.10	N 0.67	0.46	55	5.2	10	3.6	94
376	1GS234R1	composite	mine dump	0.03	0.7	31	2800	47	25	N 10	0.32	140	21	1100	N 10	61
377	1GS234R2	composite	mine dump	0.05	0.15	0.024	8.9	14	N 1.5	N 10	N 0.30	34	5.5	280	N 10	36
378	1GS234R3	grab	mine dump	0.03	0.15	0.008	1.6	18	N 1.5	N 10	N 0.30	15	0.9	33	N 10	13
379	1GS234R5	composite	mine dump	0.08	0.1	0.03	16	N 10	N 1.5	N 10	N 0.30	14	6.9	89	N 10	23
380	1GS235R	composite	outcrop	0.02	0.05	N 0.002	N 0.067	4.6	N 0.10	N 0.67	0.024	2.3	0.12	2.9	1.4	2.8
381	1GS236R1	composite	prospect pit	0.17	0.45	0.014	3.8	310	N 1.5	N 10	0.38	490	110	21000	25	530
382	1GS236R2	composite	prospect pit	0.13	0.3	0.15	18	780	N 1.5	N 10	6	910	92	27000	33	2900
383	1GS237R1	composite	mine dump	0.02	1.7	0.05	N 1.0	14	N 1.5	N 10	N 0.30	3.8	N 0.90	18	N 10	29
384	1GS237R2	composite	mine dump	N 0.02	1.4	0.05	N 1.0	15	N 1.5	N 10	N 0.30	15	1	170	N 10	14
385	1GS237R3	composite	mine dump	0.07	0.7	0.35	1.5	120	N 1.5	N 10	3.1	66	N 0.90	600	N 10	540
386	1GS238R1	composite	outcrop	2.5	0.7	N 0.002	N 0.067	33	N 0.10	N 0.67	0.1	8.2	2.3	4.9	50	16
387	1GS238R2	composite	float	1.8	1	0.008	1.4	650	N 0.10	N 0.67	0.22	110	2.2	12	100	44
388	1GS239R	composite	outcrop	0.69	0.05	< 0.002	0.17	14	N 0.10	N 0.67	0.054	2.4	0.45	2.9	6.8	5
389	1GS240R	composite	underground mine	0.17	0.85	N 0.002	0.093	8.9	N 0.10	N 0.67	0.046	5.8	1	15	1.1	16
390	1GS241R	composite	float	0.05	N 0.05	N 0.002	N 0.067	4.3	N 0.10	N 0.67	0.042	2	0.14	2.3	1.1	9.8
391	1GS242R1	composite	outcrop	0.02	N 0.05	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.020	0.45	N 0.060	0.92	N 0.67	1.9
392	1GS242R2	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.067	0.82	N 0.10	N 0.67	0.022	0.55	N 0.060	0.78	N 0.67	2
393	1GS243R	grab	float	0.03	N 0.05	N 0.002	N 0.067	4	N 0.10	N 0.67	0.023	0.98	0.068	1.5	2.7	2.9
394	1GS244R	composite	float	0.08	N 0.05	N 0.002	N 0.067	4.6	N 0.10	N 0.67	0.028	2.2	0.099	1.2	3.4	9.4
395	1GS245R	composite	outcrop	0.98	1.8	0.25	9.8	110	0.13	N 0.67	0.39	81	N 0.060	11	6400	21
396	1GS246R	composite	float	0.02	N 0.05	N 0.002	N 0.067	2.2	N 0.10	N 0.67	0.03	1.2	N 0.060	1	5.9	1.7
397	1GS247R	composite	prospect pit	0.04	0.05	N 0.002	N 1.0	N 10	N 1.5	N 10	N 0.30	6.7	N 0.90	N 10	N 10	7.4
398	1GS248R1	composite	prospect pit	12	2.3	0.15	140	1900	N 7.5	< 50	160	32000	230	82000	16000	11000
399	1GS248R2	composite	prospect pit	0.04	0.5	0.004	1.3	36	N 1.5	N 10	1.3	78	2.5	640	230	83
400	1GS249R	composite	float	0.02	3.2	N 0.002	3.6	N 0.67	N 0.10	N 0.67	0.68	26	0.88	2500	5.8	200

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	SAMPLE CHARACTER	SAMPLE SOURCE	Hg PPM A	Tl PPM A	Au PPM G	Ag PPM I	As PPM I	Au PPM I	Bi PPM I	Cd PPM I	Cu PPM I	Mo PPM I	Pb PPM I	Sb PPM I	Zn PPM I
401	1SM007R	composite	outcrop	0.02	0.15	N 0.002	N 0.067	2.1	N 0.10	N 0.67	0.66	2	1.4	5.9	1.6	21
402	1SM009R1	composite	outcrop	0.05	0.2	N 0.002	N 0.067	70	N 0.10	N 0.67	0.43	3.8	1.2	4.1	4.7	29
403	1SM009R2	composite	outcrop	N 0.02	0.3	N 0.002	N 0.067	9.3	N 0.10	N 0.67	0.33	4.3	1.1	3.2	1	36
404	2DC301R	composite	outcrop	0.22	0.15	< 0.002	N 0.067	4.9	N 0.10	N 0.67	N 0.050	1.4	0.28	3.9	N 0.67	11
405	2DC302R	composite	outcrop	0.53	0.4	N 0.002	N 0.067	220	N 0.10	N 0.67	0.09	6.3	2.1	14	12	21
406	2DC304R	composite	outcrop	7.5	0.75	N 0.002	N 0.067	750	N 0.10	N 0.67	0.42	13	18	17	52	87
407	2DC305R	composite	outcrop	3.3	0.45	N 0.002	N 0.067	770	N 0.10	N 0.67	0.32	12	9.3	12	16	54
408	2DC306R1	composite	outcrop	0.08	N 0.05	N 0.002	N 0.067	4.4	N 0.10	N 0.67	0.17	2.4	N 0.060	6.9	N 0.67	92
409	2DC306R2	composite	outcrop	0.17	0.1	N 0.002	0.24	25	N 0.10	N 0.67	0.094	7	0.42	38	N 0.67	43
410	2DC307R1	composite	outcrop	0.1	1.15	< 0.002	0.35	240	N 0.10	N 0.67	N 0.050	10	2.1	16	N 0.67	23
411	2DC307R2	composite	outcrop	0.08	0.15	0.002	N 0.067	110	N 0.10	N 0.67	N 0.050	5.3	2.2	13	N 0.67	10
412	2DC309R	composite	outcrop	N 0.02	0.05	0.004	N 0.067	N 0.67	N 0.10	N 0.67	0.25	1.5	N 0.060	47	N 0.67	25
413	2DC310R	composite	outcrop	N 0.02	0.05	0.12	0.15	26	N 0.10	N 0.67	0.56	5.7	0.23	6.7	1.1	26
414	2DC312R1	composite	outcrop	N 0.02	0.05	0.018	3.6	24	N 0.10	29	0.1	18	22	440	1.4	11
415	2DC312R2	composite	outcrop	N 0.02	0.45	0.011	16	84	N 0.10	2.8	0.29	19	4.5	140	4.1	81
416	2DC313R	composite	outcrop	9.4	17	0.002	N 0.067	380	N 0.10	N 0.67	0.7	50	13	24	80	71
417	2DC317R1	composite	outcrop	N 0.02	0.25	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	N 0.050	13	0.54	3.5	N 0.67	14
418	2DC317R2	composite	outcrop	N 0.02	0.1	N 0.002	N 0.067	N 0.67	N 0.10	N 0.67	0.085	25	0.35	5.3	N 0.67	48
419	2EB071R	composite	outcrop	N 0.02	0.25	N 0.002	N 0.067	1.7	N 0.10	N 0.67	N 0.050	4.3	N 0.060	1.3	N 0.67	15
420	2GS301R	composite	outcrop	2.1	13	N 0.002	N 0.067	150	N 0.10	N 0.67	0.13	4.7	0.81	21	35	16
421	2GS302R	composite	float	1.5	2.6	N 0.002	N 0.067	65	N 0.10	N 0.67	0.11	6.1	0.54	16	24	21
422	2GS303R	composite	outcrop	0.52	0.3	N 0.002	N 0.067	42	N 0.10	N 0.67	N 0.050	2.4	1.2	2.9	11	8.2
423	2GS304R	composite	float	0.02	0.25	N 0.002	N 0.067	20	N 0.10	N 0.67	0.13	2.9	0.67	2.1	6.2	8.7
424	2GS305R	composite	outcrop	0.04	N 0.05	N 0.002	N 0.067	2.7	N 0.10	N 0.67	N 0.050	1.4	0.35	1.7	0.91	1.4
425	2GS306R	composite	outcrop	0.98	0.25	N 0.002	N 0.067	150	N 0.10	N 0.67	0.13	4.7	2.2	2.7	22	17
426	2GS307R	composite	outcrop	0.07	0.05	N 0.002	N 0.067	16	N 0.10	N 0.67	N 0.050	1.6	0.45	1.4	4	2.2
427	2GS308R	composite	outcrop	0.08	0.05	N 0.002	N 0.067	21	N 0.10	N 0.67	N 0.050	4.1	0.32	3.6	2	8.2
428	2GS309R	composite	float	N 0.02	N 0.05	N 0.002	N 0.067	1.2	N 0.10	N 0.67	N 0.050	1.7	0.19	1.8	N 0.67	13
429	2GS310R	composite	alluvium	0.03	0.2	< 0.002	N 0.067	84	N 0.10	N 0.67	0.095	2.3	0.32	6.8	27	29
430	2GS312R	composite	float	0.02	0.05	N 0.002	N 0.067	48	N 0.10	N 0.67	0.24	2.5	0.19	3	37	30
431	2GS313R	composite	float	N 0.02	N 0.05	N 0.002	N 0.067	1	N 0.10	N 0.67	N 0.050	2.8	0.28	1.1	N 0.67	1.4
432	2GS314R	composite	float	0.02	N 0.05	N 0.002	N 0.067	1	N 0.10	N 0.67	N 0.050	5.2	0.088	1.1	N 0.67	2
433	2GS315R	grab	alluvium	0.05	N 0.05	0.003	N 0.067	7.2	N 0.10	N 0.67	0.16	2.2	0.47	7.8	N 0.67	52
434	2GS316R	grab	alluvium	0.58	0.95	N 0.002	N 0.067	440	N 0.10	N 0.67	1.1	26	6	150	12	500
435	2GS317R	grab	alluvium	0.42	N 0.05	N 0.002	N 0.067	86	N 0.10	N 0.67	0.12	10	1.2	38	7.1	51
436	2GS318R	composite	float	0.13	0.05	N 0.002	N 0.067	230	N 0.10	N 0.67	0.35	12	4.3	46	7.7	220
437	2GS319R	composite	outcrop	N 0.02	N 0.05	N 0.002	N 0.067	5.7	N 0.10	N 0.67	N 0.050	3.2	0.37	3.6	N 0.67	17
438	2GS320R	composite	outcrop	N 0.02	N 0.05	0.003	N 0.067	1.8	N 0.10	N 0.67	N 0.050	0.65	0.12	N 0.67	N 0.67	1.8
439	2GS321R	composite	outcrop	1.1	1.4	0.27	14	190	0.15	N 0.67	0.4	110	0.35	17	4600	23

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
1	0DC003R	< 0.01	< 0.05	1	0.2	N 0.2	N 0.2	0.05	1	N 200	N 10	N 10	500	1.5	N 10	N 20	N 10	N 10	N 5	30
2	0DC004R	0.02	2	5	3	5	N 0.2	0.7	N 0.5	N 200	N 10	< 10	1500	< 1	N 10	N 20	10	10	15	100
3	0DC005R	0.01	N 0.05	0.5	0.05	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	< 5	N 5
4	0DC006R1	0.01	0.05	10	0.3	N 0.2	N 0.2	0.3	N 0.5	N 200	N 10	50	500	5	N 10	N 20	10	< 10	30	10
5	0DC006R2	< 0.01	N 0.05	0.7	< 0.02	N 0.2	N 0.2	0.002	2	N 200	N 10	N 10	N 20	15	20	N 20	N 10	N 10	7	N 5
6	0DC008R1	0.02	0.07	2	1	5	N 0.2	0.5	N 0.5	N 200	N 10	N 10	700	3	N 10	N 20	N 10	< 10	N 5	100
7	0DC009R	< 0.01	N 0.05	0.5	0.07	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	7	N 5
8	0DC013R1	0.01	< 0.05	7	1.5	1	N 0.2	1	N 0.5	N 200	N 10	30	700	3	N 10	N 20	< 10	70	50	150
9	0DC013R2	0.01	N 0.05	0.7	0.15	N 0.2	N 0.2	0.1	< 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	< 5	N 5
10	0DC013R3	< 0.01	0.1	5	0.5	3	N 0.2	0.2	< 0.5	N 200	N 10	< 10	150	10	N 10	N 20	N 10	< 10	30	50
11	0DC014R1	< 0.01	N 0.05	0.5	0.3	5	N 0.2	0.15	N 0.5	N 200	N 10	N 10	500	2	N 10	N 20	N 10	N 10	N 5	70
12	0DC015R1	< 0.01	0.2	0.7	0.2	5	N 0.2	0.2	N 0.5	N 200	N 10	N 10	1500	5	N 10	N 20	N 10	N 10	< 5	100
13	0DC015R2	0.01	0.07	5	1.5	1	N 0.2	1	N 0.5	N 200	N 10	200	700	3	N 10	N 20	10	70	50	100
14	0DC016R	0.01	N 0.05	1	0.2	0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	200	N 1	N 10	N 20	N 10	N 10	< 5	N 5
15	0DC018R	< 0.01	N 0.05	0.1	0.05	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5
16	0DC022R	< 0.01	N 0.05	0.05	< 0.02	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
17	0DC023R	0.01	0.05	3	2	1.5	N 0.2	0.7	N 0.5	N 200	N 10	50	500	5	N 10	N 20	N 10	50	15	100
18	0DC024R1	0.01	N 0.05	0.3	0.5	5	N 0.2	0.1	0.7	N 200	N 10	< 10	200	1.5	N 10	N 20	N 10	N 10	N 5	70
19	0DC024R2	0.03	< 0.05	7	2	1	N 0.2	1	N 0.5	N 200	N 10	20	700	7	N 10	N 20	10	100	70	150
20	0DC025R	< 0.01	N 0.05	0.2	0.03	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
21	0DC026R1	< 0.01	< 0.05	1	0.2	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	10	N 10	N 5	N 5
22	0DC027R	0.04	< 0.05	2	0.1	2	N 0.2	0.015	N 0.5	N 200	N 10	150	30	50	N 10	N 20	N 10	N 10	N 5	150
23	0DC031R	< 0.01	N 0.05	N 0.05	< 0.02	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	50	N 5
24	0DC034R	< 0.01	N 0.05	> 20	0.05	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	N 20	1	N 10	N 20	50	N 10	100	20
25	0DC041R	< 0.01	< 0.05	1	0.15	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	20	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
26	0DC047R	< 0.01	N 0.05	2	0.1	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	< 5	N 5
27	0DC049R1	< 0.01	1	1.5	0.3	5	N 0.2	0.15	N 0.5	N 200	N 10	N 10	3000	1.5	N 10	N 20	N 10	N 10	N 5	100
28	0DC049R2	< 0.01	0.05	2	0.5	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	50	150	N 1	N 10	N 20	N 10	N 10	30	N 5
29	0DC050R1	< 0.01	< 0.05	3	0.03	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	< 10	70	N 1	N 10	N 20	N 10	N 10	5	N 5
30	0DC050R2	< 0.01	N 0.05	0.5	< 0.02	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	N 5	N 5
31	0DC050R3	< 0.01	< 0.05	0.2	0.02	N 0.2	N 0.2	0.02	0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5
32	0DC051R	< 0.01	0.07	1	0.1	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	N 10	N 5	N 5
33	0DC055R	< 0.01	0.07	2	0.02	N 0.2	N 0.2	0.02	< 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	7	N 5
34	0DC057R	< 0.01	N 0.05	5	< 0.02	N 0.2	N 0.2	0.03	0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
35	0DC058R	0.01	> 20	0.5	1	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	< 5	N 5
36	0DC060R	< 0.01	< 0.05	3	0.2	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	< 10	200	N 1	N 10	N 20	N 10	N 10	7	N 5
37	0DC061R	< 0.01	0.05	N 0.05	< 0.02	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	150	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
38	0DC062R	0.01	> 20	3	1.5	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	150	200	N 1	N 10	N 20	N 10	N 10	< 5	N 5
39	0DC063R	< 0.01	< 0.05	0.7	0.02	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	150	70	N 1	N 10	N 20	N 10	N 10	N 5	N 5
40	0DC065R1	< 0.01	0.15	0.5	0.05	3	N 0.2	0.02	N 0.5	N 200	N 10	150	N 20	7	N 10	N 20	N 10	N 10	N 5	100

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
41	0DC065R2	< 0.01	0.3	0.3	0.05	5	N 0.2	0.03	N 0.5	N 200	N 10	150	20	10	N 10	N 20	N 10	N 10	N 5	100
42	0DC073R1	< 0.01	5	0.15	2	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	150	70	N 1	N 10	N 20	N 10	N 10	5	N 5
43	0DC073R2	0.01	7	1	2	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	30	500	N 1	N 10	N 20	N 10	< 10	10	N 5
44	0DC074R	0.01	20	0.5	0.2	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
45	0DC075R1	0.01	1.5	3	0.15	N 0.2	N 0.2	0.05	N 0.5	200	N 10	15	150	N 1	N 10	N 20	N 10	< 10	5	< 5
46	0DC075R2	0.02	0.3	2	0.2	N 0.2	N 0.2	0.15	N 0.5	500	N 10	50	200	< 1	N 10	N 20	N 10	< 10	7	< 5
47	0DC078R	0.02	5	1.5	1.5	N 0.2	N 0.2	0.1	N 0.5	< 200	N 10	50	500	N 1	N 10	N 20	N 10	< 10	5	< 5
48	0DC079R	0.02	0.5	1.5	0.5	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	20	2000	N 1	N 10	N 20	N 10	N 10	< 5	N 5
49	0DC080R	0.02	0.2	1.5	0.3	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	30	500	1	N 10	N 20	N 10	< 10	5	< 5
50	0DC081R	0.02	< 0.05	1	0.1	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	10	700	N 1	N 10	N 20	N 10	N 10	< 5	N 5
51	0DC082R	0.04	0.05	1.5	0.15	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	30	200	1	N 10	N 20	< 10	< 10	7	N 5
52	0DC083R	0.02	0.07	3	0.2	< 0.2	N 0.2	0.15	N 0.5	N 200	N 10	50	1000	< 1	N 10	N 20	N 10	< 10	5	< 5
53	0DC084R	< 0.01	< 0.05	1	0.03	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	5000	N 1	N 10	N 20	N 10	N 10	< 5	N 5
54	0DC085R	0.03	20	0.15	10	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	10	N 5	N 5
55	0DC087R	0.01	1	0.7	0.1	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	N 10	< 5	N 5
56	0DC088R	0.02	0.1	1.5	0.15	N 0.2	N 0.2	0.15	N 0.5	< 200	N 10	30	150	< 1	N 10	N 20	N 10	< 10	5	< 5
57	0DC089R	0.03	0.1	2	0.3	N 0.2	N 0.2	0.3	N 0.5	< 200	N 10	50	200	< 1	N 10	N 20	N 10	10	7	< 5
58	0DC090R	0.03	0.07	1.5	0.2	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	30	500	N 1	N 10	N 20	N 10	< 10	5	5
59	0DC091R	0.02	0.5	3	0.15	N 0.2	N 0.2	0.15	N 0.5	300	N 10	20	300	N 1	N 10	N 20	N 10	10	10	10
60	0DC092R	0.02	0.05	1	0.15	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	10	700	N 1	N 10	N 20	N 10	< 10	7	N 5
61	0DC093R	0.02	0.2	2	0.2	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	30	1000	< 1	N 10	N 20	N 10	< 10	5	< 5
62	0DC094R	0.07	0.1	5	0.3	N 0.2	N 0.2	0.2	N 0.5	N 200	N 10	100	200	1.5	N 10	N 20	N 10	10	7	< 5
63	0DC095R	0.03	0.15	15	0.2	N 0.2	N 0.2	0.15	N 0.5	700	N 10	20	700	1	N 10	N 20	N 10	10	20	10
64	0DC096R	0.04	0.05	2	0.3	N 0.2	N 0.2	0.3	N 0.5	N 200	N 10	70	3000	< 1	N 10	N 20	N 10	< 10	7	7
65	0DC097R	0.03	< 0.05	1	0.3	N 0.2	N 0.2	0.2	N 0.5	< 200	N 10	30	500	N 1	N 10	N 20	N 10	< 10	5	5
66	0DC098R	0.08	0.3	5	0.2	N 0.2	< 0.2	0.2	N 0.5	N 200	N 10	70	200	< 1	N 10	N 20	N 10	10	20	5
67	0DC099R	0.01	20	2	0.2	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	700	< 1	N 10	N 20	N 10	< 10	7	< 5
68	0DC101R	0.03	10	2	0.3	N 0.2	N 0.2	0.2	N 0.5	N 200	N 10	50	> 5000	< 1	N 10	N 20	N 10	10	7	5
69	0DC102R	0.04	0.05	3	0.3	N 0.2	N 0.2	0.2	N 0.5	N 200	N 10	70	1000	N 1	N 10	N 20	N 10	< 10	10	< 5
70	0DC104R	0.02	0.1	20	0.1	N 0.2	N 0.2	> 1	N 0.5	2000	N 10	N 10	500	N 1	N 10	N 20	N 10	500	50	70
71	0DC105R	0.01	< 0.05	10	0.02	N 0.2	N 0.2	0.03	N 0.5	200	N 10	< 10	70	N 1	N 10	N 20	N 10	N 10	15	< 5
72	0DC106R	< 0.01	10	0.07	3	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
73	0DC107R	0.01	20	0.05	2	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	10	20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
74	0DC109R1	0.02	10	0.2	7	N 0.2	< 0.2	0.03	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	10	< 5	N 5
75	0DC109R2	0.01	20	0.3	10	N 0.2	< 0.2	0.01	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	< 10	N 5	N 5
76	0DC110R	0.06	10	0.05	1	N 0.2	0.2	0.05	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	< 10	N 5	N 5
77	0DC111R	0.08	> 20	0.05	> 10	< 0.2	< 0.2	0.01	N 0.5	N 200	N 10	< 10	N 20	N 1	N 10	N 20	N 10	10	N 5	N 5
78	0DC113R	0.08	2	3	0.2	N 0.2	0.5	0.05	N 0.5	N 200	N 10	30	70	N 1	N 10	N 20	N 10	2000	30	N 5
79	0DC115R	0.02	0.05	2	0.3	N 0.2	N 0.2	0.2	N 0.5	N 200	N 10	50	1000	< 1	N 10	N 20	N 10	< 10	5	N 5
80	0DC116R	0.02	0.7	0.2	0.05	N 0.2	< 0.2	0.007	N 0.5	N 200	N 10	70	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
81	0DC117R	0.01	20	0.1	10	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	< 10	30	N 1	N 10	N 20	N 10	< 10	N 5	N 5
82	0DC119R	0.01	> 20	0.05	10	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
83	0DC120R	0.01	20	0.05	7	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	20	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
84	0DC121R	0.02	> 20	0.07	10	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	10	N 5	N 5
85	0DC122R	0.03	0.1	3	0.3	N 0.2	N 0.2	0.3	N 0.5	< 200	N 10	70	5000	< 1	N 10	N 20	N 10	10	7	< 5
86	0DC123R	0.01	0.05	1.5	0.1	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	10	1000	< 1	N 10	N 20	N 10	N 10	< 5	N 5
87	0DC131R	0.02	0.05	0.5	0.2	3	N 0.2	0.07	N 0.5	N 200	N 10	N 10	500	> 1000	10	N 20	N 10	N 10	N 5	100
88	0DC132R	0.03	15	0.7	7	N 0.2	N 0.2	0.05	0.5	N 200	N 10	10	50	1	N 10	N 20	N 10	< 10	5	< 5
89	0DC133R	< 0.01	20	0.3	7	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	700	N 1	N 10	N 20	N 10	N 10	< 5	N 5
90	0DC134R	0.05	> 20	1	1.5	< 0.2	N 0.2	0.2	N 0.5	N 200	N 10	50	300	< 1	N 10	N 20	< 10	30	5	10
91	0DC135R	0.04	0.2	10	0.2	N 0.2	< 0.2	0.1	N 0.5	N 200	N 10	50	300	2	N 10	N 20	N 10	< 10	15	5
92	0DC136R	0.02	0.1	2	0.15	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	30	1500	< 1	N 10	N 20	N 10	N 10	7	< 5
93	0DC138R	0.01	20	0.5	10	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	200	N 1	N 10	N 20	N 10	N 10	N 5	N 5
94	0DC139R	0.03	0.07	1	0.2	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	50	2000	< 1	N 10	N 20	N 10	N 10	5	N 5
95	0DC140R1	0.01	20	0.7	7	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	> 5000	N 1	N 10	N 20	N 10	N 10	< 5	N 5
96	0DC140R2	0.01	< 0.05	0.3	0.1	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	> 5000	N 1	N 10	N 20	N 10	N 10	< 5	N 5
97	0DC142R	0.02	15	1.5	5	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	> 5000	N 1	N 10	N 20	N 10	N 10	5	N 5
98	0DC143R	0.02	0.15	5	0.3	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	20	100	1	N 10	N 20	N 10	< 10	30	< 5
99	0DC144R	0.03	0.05	2	0.3	N 0.2	N 0.2	0.1	N 0.5	200	N 10	50	> 5000	N 1	N 10	N 20	N 10	< 10	15	< 5
100	0DC145R	0.01	0.2	0.2	0.1	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	< 10	500	N 1	N 10	N 20	N 10	N 10	5	N 5
101	0DC146R	< 0.01	5	1	1	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	N 10	700	N 1	N 10	N 20	N 10	N 10	< 5	N 5
102	0DC150R1	0.04	15	0.5	10	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	10	30	N 1	N 10	N 20	N 10	N 10	5	N 5
103	0DC150R2	0.04	15	0.3	10	N 0.2	N 0.2	0.015	2	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	5	N 5
104	0DC150R3	0.04	20	0.2	10	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	< 10	N 20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
105	0DC155R1	< 0.01	10	0.2	7	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
106	0DC155R2	< 0.01	1.5	0.5	0.7	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	< 5	N 5
107	0DC157R	< 0.01	0.15	N 0.05	0.03	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
108	0DC158R	< 0.01	0.1	0.05	0.03	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5
109	0GS001R	< 0.01	N 0.05	1	0.15	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
110	0GS002R1	< 0.01	N 0.05	0.3	0.02	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
111	0GS002R2	< 0.01	N 0.05	0.1	< 0.02	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
112	0GS003R	0.01	> 20	0.5	1.5	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
113	0GS004R1	0.01	> 20	0.3	0.7	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
114	0GS004R2	0.01	> 20	0.1	2	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
115	0GS005R	< 0.01	N 0.05	1	0.07	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	N 10	N 5	N 5
116	0GS008R	< 0.01	0.1	1.5	0.2	0.3	N 0.2	0.05	N 0.5	N 200	N 10	N 10	1000	N 1	N 10	N 20	N 10	N 10	5	N 5
117	0GS009R	0.01	10	N 0.05	0.1	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
118	0GS010R	0.02	> 20	0.2	3	N 0.2	< 0.2	0.02	N 0.5	N 200	N 10	< 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
119	0GS011R	< 0.01	0.05	0.7	0.05	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	N 10	200	5	N 10	N 20	N 10	N 10	N 5	N 5
120	0GS012R1	< 0.01	N 0.05	0.5	0.15	0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	500	N 1	N 10	N 20	N 10	N 10	N 5	N 5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
121	0GS012R2	< 0.01	0.05	2	0.2	N 0.2	N 0.2	0.1	0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	7	N 5
122	0GS014R1	0.01	0.05	10	0.1	N 0.2	N 0.2	0.1	N 0.5	< 200	N 10	< 10	200	1	N 10	N 20	N 10	N 10	20	< 5
123	0GS014R2	0.01	0.15	1	0.05	N 0.2	N 0.2	0.2	N 0.5	N 200	N 10	20	70	N 1	N 10	N 20	N 10	15	7	N 5
124	0GS016R1	0.01	20	0.15	0.3	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	N 5	N 5
125	0GS016R2	< 0.01	7	0.2	1	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
126	0GS018R	< 0.01	0.07	0.2	< 0.02	N 0.2	N 0.2	0.015	10	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
127	0GS019R	< 0.01	0.05	1.5	0.5	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	5	N 5
128	0GS020R	0.01	15	1	0.5	N 0.2	N 0.2	0.02	5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	5	N 5
129	0GS021R	0.01	> 20	0.7	1	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	< 10	N 5	N 5
130	0GS022R	0.01	> 20	5	0.7	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	< 10	5	< 5
131	0GS023R1	0.01	> 20	N 0.05	0.1	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
132	0GS023R2	0.04	20	2	0.1	N 0.2	0.3	0.1	30	200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	10	N 5
133	0GS023R3	0.01	0.2	20	0.02	N 0.2	N 0.2	0.1	20	1500	N 10	N 10	100	5	N 10	N 20	N 10	N 10	100	< 5
134	0GS024R1	0.01	20	0.7	1	N 0.2	N 0.2	0.03	200	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	15	N 5
135	0GS024R2	0.02	0.1	0.5	0.15	N 0.2	N 0.2	0.03	20	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	5	N 5
136	0GS025R1	0.07	> 20	1	0.7	N 0.2	0.2	0.01	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	< 5	N 5
137	0GS025R2	0.01	0.3	15	3	0.5	N 0.2	> 1	N 0.5	N 200	N 10	30	2000	7	N 10	N 20	30	300	10	150
138	0GS026R1	0.02	> 20	0.5	1.5	N 0.2	N 0.2	0.05	< 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	N 10	N 5	< 5
139	0GS026R2	< 0.01	15	0.2	0.15	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	15	N 5
140	0GS027R1	0.01	2	2	0.2	N 0.2	N 0.2	0.03	N 0.5	1000	N 10	10	150	< 1	N 10	N 20	N 10	N 10	10	N 5
141	0GS027R2	< 0.01	0.3	7	2	1.5	N 0.2	1	N 0.5	N 200	N 10	70	1000	1.5	N 10	N 20	< 10	50	50	150
142	0GS029R	0.04	> 20	1	2	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	10	N 5	< 5
143	0GS030R	< 0.01	> 20	0.2	1	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
144	0GS031R1	0.06	7	5	0.5	N 0.2	< 0.2	0.1	2000	1000	N 10	< 10	30	N 1	N 10	20	15	< 10	10000	5
145	0GS031R2	0.01	> 20	0.5	1	N 0.2	N 0.2	0.03	2	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	< 10	15	N 5
146	0GS031R3	0.04	> 20	5	0.3	N 0.2	N 0.2	0.02	5000	< 200	N 10	N 10	1500	N 1	N 10	30	N 10	N 10	5000	N 5
147	0GS032R	0.02	> 20	2	1.5	N 0.2	N 0.2	0.1	30	200	N 10	15	50	< 1	N 10	N 20	N 10	10	7	N 5
148	0GS033R	0.01	> 20	3	0.3	N 0.2	N 0.2	0.1	7	< 200	N 10	10	100	N 1	N 10	N 20	N 10	N 10	7	N 5
149	0GS034R	0.01	> 20	0.07	1	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
150	0GS035R	0.01	> 20	0.5	5	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	< 10	N 5	N 5
151	0GS036R	< 0.01	0.5	0.5	0.2	N 0.2	N 0.2	N 0.002	0.7	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
152	0GS037R1	0.01	0.2	0.5	0.15	N 0.2	N 0.2	0.03	0.7	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	< 5	N 5
153	0GS037R2	0.02	10	3	3	N 0.2	N 0.2	0.1	0.5	300	N 10	10	300	N 1	N 10	N 20	N 10	N 10	7	5
154	0GS038R	0.03	< 0.05	1.5	0.15	N 0.2	N 0.2	0.15	0.7	N 200	N 10	15	50	N 1	N 10	N 20	N 10	N 10	10	< 5
155	0GS039R	0.02	> 20	1	1.5	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	< 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
156	0GS040R1	< 0.01	0.7	0.05	0.2	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
157	0GS040R2	< 0.01	10	0.2	5	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	10	30	N 1	N 10	N 20	N 10	N 10	N 5	N 5
158	0GS040R3	0.02	0.5	0.5	0.07	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	N 5	N 5
159	0GS042R	0.01	5	> 20	1	N 0.2	N 0.2	0.3	N 0.5	1000	N 10	N 10	70	< 1	N 10	N 20	< 10	70	70	70
160	0GS043R	0.01	5	7	0.5	N 0.2	N 0.2	0.2	N 0.5	300	N 10	< 10	150	< 1	N 10	N 20	20	10	15	5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
161	0GS044R1	0.01	7	0.2	5	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	10	30	N 1	N 10	N 20	N 10	N 10	N 5	N 5
162	0GS044R2	< 0.01	N 0.05	0.15	0.02	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5
163	0GS046R	0.02	7	2	1	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	15	100	N 1	N 10	N 20	N 10	N 10	5	N 5
164	0GS047R	0.01	15	1.5	0.3	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	70	200	N 1	N 10	N 20	N 10	< 10	< 5	N 5
165	0GS048R	0.01	3	2	0.3	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	< 10	70	N 1	N 10	N 20	N 10	N 10	N 5	N 5
166	0GS051R	0.01	7	2	0.7	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	10	100	< 1	N 10	N 20	N 10	N 10	5	< 5
167	0GS052R1	0.01	5	3	3	3	N 0.2	1	N 0.5	N 200	N 10	< 10	2000	5	N 10	N 20	10	30	7	100
168	0GS052R2	0.02	5	20	1.5	0.3	< 0.2	0.15	N 0.5	N 200	N 10	10	700	3	N 10	N 20	20	10	20	30
169	0GS053R1	0.01	> 20	0.3	1	N 0.2	< 0.2	0.01	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	20	N 5	N 5
170	0GS053R2	< 0.01	15	0.5	0.15	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	10	100	N 1	N 10	N 20	N 10	N 10	< 5	N 5
171	0GS053R3	0.11	10	> 20	0.5	N 0.2	0.5	0.02	N 0.5	N 200	N 10	< 10	100	N 1	N 10	N 20	10	500	50	5
172	0GS054R1	0.01	7	5	5	5	N 0.2	0.7	N 0.5	N 200	N 10	< 10	1500	1	N 10	N 20	20	200	10	100
173	0GS054R2	0.01	3	2	2	3	N 0.2	0.2	N 0.5	N 200	N 10	N 10	1000	2	N 10	N 20	N 10	< 10	< 5	70
174	0GS054R3	0.02	0.3	0.07	0.05	N 0.2	0.2	0.002	N 0.5	N 200	N 10	15	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
175	0GS055R	0.03	10	2	5	N 0.2	N 0.2	0.7	N 0.5	N 200	N 10	70	100	N 1	N 10	N 20	N 10	30	7	5
176	0GS056R	0.01	0.1	1	0.2	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	20	1000	< 1	N 10	N 20	N 10	N 10	5	N 5
177	0GS057R	0.01	20	0.1	3	N 0.2	< 0.2	0.002	N 0.5	N 200	N 10	10	70	N 1	N 10	N 20	N 10	N 10	N 5	N 5
178	0GS058R	0.01	2	2	0.5	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	20	1500	N 1	N 10	N 20	N 10	N 10	5	N 5
179	0GS059R	0.02	7	1	2	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	15	5000	N 1	N 10	N 20	N 10	N 10	< 5	N 5
180	0GS061R	0.01	10	0.3	0.5	N 0.2	< 0.2	0.002	N 0.5	N 200	N 10	50	100	N 1	N 10	N 20	N 10	< 10	N 5	N 5
181	0GS062R1	0.01	0.5	0.05	0.03	N 0.2	< 0.2	< 0.002	N 0.5	N 200	N 10	15	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
182	0GS062R2	0.06	> 20	0.1	> 10	0.2	0.2	0.01	N 0.5	N 200	N 10	10	N 20	N 1	N 10	N 20	N 10	50	N 5	N 5
183	0GS063R	0.02	10	1	0.3	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	15	700	N 1	N 10	N 20	N 10	< 10	5	< 5
184	0GS064R	0.03	> 20	0.7	10	< 0.2	N 0.2	0.1	N 0.5	N 200	N 10	30	300	N 1	N 10	N 20	N 10	15	5	20
185	0GS066R1	0.07	2	1.5	0.7	0.3	< 0.2	1	0.7	N 200	N 10	200	700	1	N 10	N 20	N 10	300	30	30
186	0GS066R2	0.12	> 20	5	0.1	0.2	0.5	0.05	N 0.5	N 200	N 10	< 10	70	N 1	N 10	N 20	N 10	1000	10	5
187	0GS066R3	0.01	> 20	0.2	0.5	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	200	N 5	N 5
188	0GS067R	0.01	1	0.05	0.05	N 0.2	< 0.2	0.01	N 0.5	N 200	N 10	70	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5
189	0GS068R	< 0.01	10	0.5	0.2	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	10	200	N 1	N 10	N 20	N 10	N 10	N 5	N 5
190	0GS069R	0.01	10	0.2	1	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	100	50	N 1	N 10	N 20	N 10	N 10	N 5	N 5
191	0GS070R	0.02	> 20	0.7	0.5	0.2	N 0.2	0.05	N 0.5	N 200	N 10	20	30	N 1	N 10	N 20	N 10	30	< 5	< 5
192	0GS071R	0.01	15	10	3	< 0.2	N 0.2	0.05	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	< 10	< 5	10
193	0GS072R	0.04	> 20	5	1	0.2	0.2	0.02	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	< 10	10	< 5	N 5
194	0GS074R	< 0.01	2	0.5	0.3	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	50	100	N 1	N 10	N 20	N 10	< 10	< 5	N 5
195	0GS077R1	0.01	> 20	0.7	0.5	N 0.2	N 0.2	0.2	N 0.5	N 200	N 10	30	100	N 1	N 10	N 20	N 10	15	N 5	N 5
196	0GS077R2	< 0.01	0.15	1	0.1	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	300	< 1	N 10	N 20	N 10	N 10	5	N 5
197	0GS079R1	0.02	> 20	0.2	> 10	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
198	0GS079R2	0.01	10	0.15	10	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	70	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
199	0GS079R3	< 0.01	0.3	0.2	0.07	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	N 5	N 5
200	0GS080R	0.03	0.5	2	0.1	N 0.2	< 0.2	0.05	N 0.5	N 200	N 10	50	500	N 1	N 10	N 20	< 10	N 10	7	N 5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
201	0GS081R1	0.02	> 20	0.2	1	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	< 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
202	0GS081R2	< 0.01	> 20	0.07	0.5	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	< 10	N 5	N 5
203	0GS082R1	0.01	0.05	2	0.15	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	15	300	< 1	N 10	N 20	N 10	N 10	5	N 5
204	0GS082R2	0.01	0.1	0.5	0.1	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	700	< 1	N 10	N 20	N 10	N 10	N 5	N 5
205	0GS084R	0.01	2	1	0.3	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	70	30	N 1	N 10	N 20	N 10	< 10	N 5	N 5
206	0GS085R1	0.01	> 20	0.5	1	0.2	N 0.2	0.03	N 0.5	N 200	N 10	10	70	N 1	N 10	N 20	N 10	30	< 5	N 5
207	0GS085R2	< 0.01	10	1	0.5	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	< 10	200	N 1	N 10	N 20	N 10	N 10	N 5	N 5
208	0GS086R1	0.01	15	1.5	3	N 0.2	N 0.2	0.02	< 0.5	N 200	N 10	15	100	N 1	N 10	N 20	N 10	< 10	5	N 5
209	0GS086R2	0.01	7	0.7	3	N 0.2	N 0.2	0.002	0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	< 10	< 5	N 5
210	0GS088R	< 0.01	0.2	1	0.5	5	N 0.2	0.1	N 0.5	N 200	N 10	N 10	150	10	< 10	N 20	N 10	N 10	N 5	150
211	0GS089R	0.01	0.1	3	1	1	N 0.2	1	N 0.5	N 200	N 10	150	500	5	N 10	N 20	N 10	70	15	70
212	0GS091R	< 0.01	N 0.05	0.5	0.02	< 0.2	N 0.2	0.02	0.7	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	10	N 5
213	0GS093R1	< 0.01	N 0.05	5	0.15	N 0.2	N 0.2	0.03	1.5	500	N 10	< 10	70	N 1	N 10	N 20	N 10	N 10	20	< 5
214	0GS093R2	0.01	N 0.05	1	0.3	< 0.2	N 0.2	0.5	10	1500	N 10	N 10	500	2	< 10	N 20	N 10	20	7	30
215	0GS094R	0.01	0.05	5	1.5	1.5	N 0.2	1	3	N 200	N 10	50	700	7	N 10	N 20	< 10	100	50	150
216	0GS097R	< 0.01	0.05	0.7	0.15	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	100	1.5	N 10	N 20	N 10	N 10	N 5	< 5
217	0GS098R	< 0.01	0.3	0.7	0.3	3	N 0.2	0.07	N 0.5	N 200	N 10	N 10	300	7	N 10	N 20	N 10	N 10	N 5	70
218	0GS099R1	0.01	1	2	1	5	N 0.2	0.3	N 0.5	N 200	N 10	N 10	1000	3	N 10	N 20	N 10	15	5	100
219	0GS099R2	0.01	1.5	3	1	5	N 0.2	0.5	N 0.5	N 200	N 10	10	1000	3	N 10	N 20	< 10	20	5	100
220	0GS100R	0.01	2	2	1.5	3	N 0.2	0.5	N 0.5	N 200	N 10	15	1000	3	N 10	N 20	< 10	20	5	70
221	0GS101R	0.01	5	3	2	5	N 0.2	0.5	N 0.5	N 200	N 10	10	1000	2	N 10	N 20	10	< 10	7	100
222	0GS104R	0.01	5	5	2	3	N 0.2	0.7	N 0.5	N 200	N 10	15	1500	5	N 10	N 20	15	N 10	10	70
223	0GS111R	0.01	5	5	1.5	3	N 0.2	0.5	N 0.5	N 200	N 10	20	2000	3	N 10	N 20	10	< 10	< 5	100
224	0GS115R1	< 0.01	0.3	0.7	0.15	5	N 0.2	0.05	N 0.5	N 200	N 10	N 10	50	5	N 10	N 20	N 10	N 10	N 5	150
225	0GS115R2	< 0.01	N 0.05	1	0.2	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	200	5	N 10	N 20	N 10	N 10	N 5	70
226	0GS115R3	< 0.01	N 0.05	0.15	0.03	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	30	< 1	N 10	N 20	N 10	N 10	N 5	< 5
227	0GS117R1	< 0.01	N 0.05	0.3	0.05	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	30	1	N 10	N 20	N 10	N 10	< 5	< 5
228	0GS117R2	< 0.01	N 0.05	1	0.15	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	200	7	15	N 20	N 10	N 10	N 5	100
229	0GS120R	0.01	> 20	0.3	10	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
230	0GS121R	< 0.01	> 20	0.2	0.7	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
231	0GS122R	< 0.01	0.05	1.5	0.05	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	5000	N 1	N 10	N 20	N 10	N 10	7	N 5
232	0GS123R	< 0.01	N 0.05	1	< 0.02	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
233	0GS125R	< 0.01	< 0.05	0.5	0.1	N 0.2	N 0.2	0.07	10	N 200	N 10	15	200	N 1	N 10	N 20	< 10	N 10	10000	N 5
234	0GS126R1	0.01	0.2	0.7	0.07	3	N 0.2	0.03	N 0.5	N 200	N 10	N 10	70	10	N 10	N 20	N 10	N 10	10	50
235	0GS126R2	0.04	0.07	10	3	0.7	N 0.2	0.5	N 0.5	N 200	N 10	50	700	10	N 10	N 20	50	70	70	70
236	0GS126R3	0.01	0.15	2	0.15	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	100	1.5	N 10	N 20	< 10	N 10	30	N 5
237	0GS127R	< 0.01	N 0.05	0.5	< 0.02	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	20	N 5
238	0GS129R1	0.01	N 0.05	1.5	0.05	N 0.2	N 0.2	0.02	15	N 200	N 10	N 10	150	< 1	70	N 20	N 10	N 10	200	N 5
239	0GS129R2	0.02	1.5	10	3	5	N 0.2	1	N 0.5	N 200	N 10	N 10	1500	1	N 10	N 20	20	20	70	70
240	0GS130R1	0.01	0.2	1	0.03	5	N 0.2	0.015	N 0.5	N 200	N 10	N 10	30	5	N 10	N 20	N 10	N 10	10	70

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
241	0GS130R2	0.04	0.07	2	0.2	3	N 0.2	0.2	0.5	N 200	N 10	N 10	2000	3	N 10	N 20	N 10	< 10	5	50
242	0GS131R	< 0.01	N 0.05	1	0.15	3	N 0.2	0.1	N 0.5	N 200	N 10	N 10	2000	1	N 10	N 20	N 10	N 10	N 5	50
243	0GS132R1	0.01	< 0.05	1.5	0.2	N 0.2	N 0.2	0.15	N 0.5	N 200	N 10	10	1000	3	N 10	N 20	N 10	N 10	N 5	20
244	0GS132R2	0.01	0.7	0.3	0.5	5	N 0.2	0.3	N 0.5	N 200	N 10	< 10	1000	3	N 10	N 20	< 10	N 10	5	50
245	0GS134R	< 0.01	0.07	0.15	0.05	5	N 0.2	0.02	N 0.5	N 200	N 10	N 10	30	> 1000	N 10	N 20	N 10	N 10	N 5	70
246	0GS135R	< 0.01	0.15	1	0.15	0.2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	500	< 1	N 10	N 20	N 10	N 10	N 5	N 5
247	0GS139R	0.02	1.5	5	2	3	N 0.2	0.5	N 0.5	N 200	N 10	10	1000	3	N 10	N 20	30	200	50	50
248	0GS140R	0.01	< 0.05	2	0.1	N 0.2	N 0.2	0.1	< 0.5	< 200	N 10	N 10	200	1.5	N 10	N 20	N 10	N 10	10	< 5
249	0GS141R1	0.01	0.7	0.3	0.5	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	15	> 5000	N 1	N 10	N 20	N 10	N 10	< 5	N 5
250	0GS141R2	0.01	0.05	0.5	0.07	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	30	> 5000	N 1	N 10	N 20	N 10	N 10	7	5
251	0GS141R3	0.01	0.05	0.3	0.05	N 0.2	N 0.2	0.05	200	N 200	N 10	< 10	200	< 1	N 10	20	N 10	N 10	1000	N 5
252	0GS142R1	0.01	3	0.5	3	N 0.2	N 0.2	0.02	3	N 200	N 10	N 10	300	N 1	N 10	N 20	N 10	N 10	5	N 5
253	0GS142R2	0.01	2	1	0.7	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	7	N 5
254	1CT025R	0.0B	20	0.2	3	N 0.2	< 0.2	0.05	N 0.5	N 200	N 10	< 10	30	N 1	N 10	N 20	N 10	N 10	5	N 5
255	1CT026R	0.0B	20	0.3	10	N 0.2	N 0.2	0.015	< 0.5	N 200	N 10	20	20	N 1	N 10	N 20	N 10	N 10	7	N 5
256	1CT027R	0.0B	5	0.1	0.2	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	< 10	100	N 1	N 10	N 20	N 10	N 10	N 5	N 5
257	1CT028R	0.0B	5	0.05	0.2	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	N 10	N 5	N 5
258	1CT029R	0.0B	20	0.5	10	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	5	N 5
259	1CT034R	0.0B	0.1	0.1	0.02	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	15	200	N 1	N 10	N 20	N 10	N 10	10	N 5
260	1DC161R1	0.0B	3	10	0.5	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	500	5	N 10	N 20	150	N 10	20	N 5
261	1DC161R2	0.0B	< 0.05	< 0.05	0.2	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
262	1DC163R	0.0B	0.2	0.05	0.3	N 0.2	N 0.2	0.002	5	N 200	N 10	20	20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
263	1DC164R	0.0B	0.05	0.05	< 0.02	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
264	1DC165R	0.0B	0.5	0.07	0.2	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
265	1DC169R	0.0B	20	< 0.05	> 10	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
266	1DC170R	0.0B	5	0.05	5	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	10	30	N 1	N 10	N 20	N 10	N 10	N 5	N 5
267	1DC171R	0.0B	10	0.15	10	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	< 10	30	N 1	N 10	N 20	N 10	N 10	< 5	N 5
268	1DC172R	0.0B	0.7	0.2	0.5	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	N 10	5	N 5
269	1DC173R	0.0B	0.7	N 0.05	0.3	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
270	1DC176R	0.0B	0.5	5	0.1	N 0.2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	20	2	N 10	N 20	15	70	30	70
271	1DC177R	0.0B	10	2	0.15	N 0.2	N 0.2	0.3	N 0.5	N 200	N 10	N 10	20	1.5	N 10	N 20	15	30	15	70
272	1DC181R	0.0B	5	5	0.3	N 0.2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	200	2	N 10	N 20	10	N 10	7	100
273	1DC182R	0.0B	1.5	0.5	0.1	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
274	1DC183R	0.0B	0.2	< 0.05	0.1	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
275	1DC184R	0.0B	0.5	5	0.5	N 0.2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	30	< 1	N 10	N 20	15	50	20	50
276	1DC185R	0.0B	0.7	3	0.2	N 0.2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	< 20	1	N 10	N 20	< 10	30	20	50
277	1DC186R1	0.0B	15	N 0.05	10	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	20	N 1	< 10	N 20	N 10	N 10	N 5	N 5
278	1DC186R2	0.0B	10	N 0.05	0.7	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	< 10	N 20	N 10	N 10	N 5	N 5
279	1DC187R1	0.0B	0.2	15	0.05	N 0.2	0.2	0.15	N 0.5	700	N 10	< 10	5000	N 1	N 10	N 20	10	10	20	< 5
280	1DC187R2	0.0B	0.1	5	0.05	N 0.2	N 0.2	0.3	N 0.5	200	N 10	< 10	5000	< 1	N 10	N 20	N 10	10	15	5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
281	1DC187R3	0.0B	0.3	10	0.07	N 0.2	N 0.2	0.3	N 0.5	500	N 10	10	200	N 1	N 10	N 20	< 10	70	30	20
282	1DC188R	0.0B	10	< 0.05	10	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	< 10	N 20	N 10	N 10	N 5	N 5
283	1DC189R	0.0B	> 20	N 0.05	0.2	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	< 10	N 20	N 10	N 10	< 5	N 5
284	1DC190R1	0.0B	20	N 0.05	10	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	< 10	N 20	N 10	N 10	N 5	N 5
285	1DC190R2	0.0B	1	0.05	0.05	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
286	1DC192R1	0.0B	20	3	10	N 0.2	N 0.2	0.1	N 0.5	N 200	N 10	< 10	100	< 1	N 10	N 20	< 10	20	30	20
287	1DC192R2	0.0B	10	1	0.5	N 0.2	N 0.2	0.7	N 0.5	N 200	N 10	N 10	150	5	N 10	N 20	10	100	20	50
288	1DC193R1	0.0B	0.1	2	0.1	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	20	2000	N 1	N 10	N 20	N 10	N 10	7	N 5
289	1DC193R2	0.0B	0.2	1	0.07	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	N 10	1000	N 1	N 10	N 20	N 10	N 10	7	N 5
290	1DC195R1	0.0B	2	0.15	2	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
291	1DC195R2	0.0B	1.5	0.05	1	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
292	1DC196R	0.0B	0.5	< 0.05	0.5	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
293	1DC199R	0.0B	3	7	0.15	N 0.2	N 0.2	0.3	N 0.5	< 200	N 10	20	50	N 1	N 10	N 20	10	20	30	10
294	1DC201R	0.0B	0.07	0.5	0.1	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	N 10	N 10	< 5	5
295	1DC203R	0.0B	0.2	0.7	0.07	N 0.2	N 0.2	0.02	150	N 200	N 10	< 10	100	< 1	N 10	N 20	N 10	N 10	20	< 5
296	1DC204R	0.0B	20	0.1	> 10	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	< 10	N 20	N 1	< 10	N 20	N 10	N 10	N 5	N 5
297	1DC205R	0.0B	15	0.07	> 10	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	< 10	N 20	N 1	< 10	N 20	N 10	N 10	N 5	N 5
298	1DC209R	0.0B	> 20	0.3	0.7	N 0.2	0.2	0.03	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	N 10	7	N 5
299	1DC211R	0.0B	0.07	15	0.07	N 0.2	N 0.2	0.5	N 0.5	1000	N 10	< 10	70	N 1	N 10	N 20	20	< 10	30	50
300	1DC214R	0.0B	15	1	10	N 0.2	N 0.2	0.03	0.5	N 200	N 10	< 10	< 20	N 1	N 10	N 20	N 10	N 10	15	N 5
301	1DC216R	0.0B	0.05	15	0.1	N 0.2	N 0.2	0.7	N 0.5	N 200	N 10	< 10	70	< 1	N 10	N 20	15	N 10	50	70
302	1DC217R	0.0B	0.1	< 0.05	0.15	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
303	1DC218R	0.0B	0.2	3	0.1	N 0.2	< 0.2	0.7	N 0.5	N 200	N 10	N 10	30	1.5	N 10	N 20	10	N 10	20	30
304	1DC219R	0.0B	0.15	20	0.07	N 0.2	N 0.2	0.05	N 0.5	< 200	N 10	10	150	N 1	N 10	N 20	N 10	20	20	20
305	1DC220R	0.0B	3	N 0.05	3	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
306	1DC221R1	0.0B	0.3	0.5	0.03	N 0.2	N 0.2	0.007	7	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	7	N 5
307	1DC221R2	0.0B	0.05	0.5	0.05	N 0.2	N 0.2	0.02	1.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	15	N 5
308	1DC222R1	0.0B	10	0.1	0.2	N 0.2	N 0.2	0.002	1	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	100	N 5
309	1DC222R2	0.0B	< 0.05	20	0.02	N 0.2	N 0.2	0.03	1.5	N 200	N 10	N 10	< 20	1	N 10	N 20	N 10	10	5000	< 5
310	1DC222R3	0.0B	0.05	5	< 0.02	N 0.2	N 0.2	0.003	70	< 200	N 10	N 10	N 20	1.5	N 10	N 20	30	N 10	3000	N 5
311	1DC223R	0.0B	10	0.15	0.2	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
312	1DC234R1	0.0B	2	N 0.05	3	N 0.2	N 0.2	N 0.002	0.7	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
313	1DC234R2	0.0B	7	N 0.05	7	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
314	1DC235R	0.0B	0.15	0.2	0.05	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
315	1DC256R	0.0B	< 0.05	1	0.03	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	700	N 1	N 10	N 20	N 10	N 10	5	N 5
316	1DC257R	0.0B	0.2	0.7	0.07	N 0.2	N 0.2	0.05	< 0.5	N 200	N 10	< 10	70	N 1	N 10	N 20	N 10	N 10	< 5	N 5
317	1DC258R1	0.0B	< 0.05	2	0.05	N 0.2	N 0.2	0.05	N 0.5	< 200	N 10	< 10	1000	N 1	N 10	N 20	N 10	N 10	7	N 5
318	1DC258R2	0.0B	< 0.05	3	0.02	N 0.2	N 0.2	0.3	N 0.5	300	N 10	N 10	500	N 1	N 10	N 20	N 10	N 10	< 5	< 5
319	1DC259R	0.0B	0.05	10	0.05	N 0.2	N 0.2	0.05	N 0.5	200	N 10	10	700	N 1	N 10	N 20	N 10	< 10	10	N 5
320	1DC260R	0.0B	1.5	0.05	1.5	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
321	1DC261R	0.0B	0.07	0.2	0.03	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
322	1DC262R	0.0B	0.1	0.7	0.1	N 0.2	N 0.2	0.07	10	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	N 10	5	N 5
323	1DC267R	0.0B	N 0.05	0.5	0.05	N 0.2	N 0.2	0.07	0.7	N 200	N 10	< 10	N 20	N 1	N 10	N 20	N 10	N 10	7	N 5
324	1DC271R	0.0B	2	N 0.05	2	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
325	1DC273R	0.0B	0.5	0.3	0.03	N 0.2	N 0.2	0.007	2	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	30	N 5
326	1DC274R1	0.0B	N 0.05	10	< 0.02	N 0.2	N 0.2	N 0.002	200	500	N 10	< 10	N 20	N 1	N 10	N 20	N 10	N 10	2000	< 5
327	1DC275R	0.0B	7	< 0.05	7	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	5	N 5
328	1DC278R	0.0B	0.15	0.7	0.1	3	N 0.2	0.05	< 0.5	N 200	N 10	N 10	700	< 1	N 10	N 20	N 10	N 10	N 5	30
329	1GS201R	0.0B	0.3	1.5	0.2	3	N 0.2	0.1	N 0.5	N 200	N 10	< 10	500	< 1	N 10	N 20	N 10	N 10	5	30
330	1GS202R1	0.0B	0.2	2	0.2	3	N 0.2	0.15	< 0.5	N 200	N 10	N 10	500	< 1	N 10	N 20	N 10	N 10	7	50
331	1GS202R2	0.0B	0.5	2	0.3	3	N 0.2	0.2	N 0.5	N 200	N 10	< 10	500	1	N 10	N 20	< 10	N 10	5	30
332	1GS202R3	0.0B	0.3	2	0.2	5	N 0.2	0.15	N 0.5	N 200	N 10	N 10	500	< 1	N 10	N 20	N 10	N 10	5	50
333	1GS203R	0.0B	0.15	1.5	0.15	3	N 0.2	0.1	N 0.5	N 200	N 10	N 10	300	N 1	N 10	N 20	N 10	N 10	< 5	20
334	1GS204R	0.0B	0.3	2	0.3	2	N 0.2	0.15	1.5	N 200	N 10	< 10	300	< 1	N 10	N 20	N 10	N 10	< 5	20
335	1GS205R	0.0B	0.3	1.5	0.2	5	N 0.2	0.1	N 0.5	N 200	N 10	N 10	500	< 1	N 10	N 20	N 10	N 10	5	30
336	1GS206R1	0.0B	0.7	3	0.3	5	N 0.2	0.2	N 0.5	N 200	N 10	< 10	500	1	N 10	N 20	< 10	N 10	< 5	30
337	1GS206R2	0.0B	1	3	0.3	3	N 0.2	0.2	N 0.5	N 200	N 10	< 10	500	1	N 10	N 20	< 10	N 10	< 5	20
338	1GS207R	0.0B	0.2	3	0.2	5	N 0.2	0.15	N 0.5	N 200	N 10	N 10	500	< 1	N 10	N 20	< 10	N 10	< 5	50
339	1GS209R	0.0B	0.1	1	0.15	5	N 0.2	0.07	N 0.5	N 200	N 10	N 10	300	N 1	N 10	N 20	N 10	N 10	N 5	20
340	1GS211R	0.0B	0.7	3	0.5	3	N 0.2	0.3	N 0.5	N 200	N 10	< 10	700	1	N 10	N 20	15	10	20	50
341	1GS212R	0.0B	0.5	2	0.2	3	N 0.2	0.1	N 0.5	N 200	N 10	N 10	300	< 1	N 10	N 20	N 10	N 10	< 5	20
342	1GS213R1	0.0B	0.05	0.5	0.07	5	N 0.2	0.05	N 0.5	N 200	N 10	N 10	500	N 1	N 10	N 20	N 10	N 10	5	30
343	1GS213R2	0.0B	3	2	2	0.5	N 0.2	0.1	N 0.5	N 200	N 10	N 10	100	N 1	N 10	N 20	< 10	20	5	20
344	1GS214R	0.0B	0.7	2	0.05	N 0.2	N 0.2	0.03	N 0.5	< 200	N 10	< 10	< 20	N 1	N 10	N 20	N 10	N 10	5	N 5
345	1GS215R1	0.0B	< 0.05	10	0.05	N 0.2	N 0.2	0.1	N 0.5	200	N 10	10	50	N 1	N 10	N 20	N 10	10	20	5
346	1GS215R2	0.0B	0.15	0.7	0.02	N 0.2	N 0.2	0.02	N 0.5	< 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	15	N 5
347	1GS216R1	0.0B	N 0.05	1.5	< 0.02	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	5	N 5
348	1GS216R2	0.0B	< 0.05	2	< 0.02	N 0.2	N 0.2	0.02	N 0.5	< 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
349	1GS217R1	0.0B	0.3	20	0.05	N 0.2	N 0.2	0.007	100	N 200	N 10	< 10	< 20	< 1	N 10	N 20	300	N 10	1000	< 5
350	1GS217R2	0.0B	5	10	0.15	N 0.2	N 0.2	0.005	0.5	N 200	N 10	N 10	20	< 1	N 10	N 20	200	N 10	500	N 5
351	1GS218R	0.0B	0.15	0.3	0.1	N 0.2	N 0.2	0.1	50	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	7	N 5
352	1GS219R1	0.0B	0.05	10	0.02	N 0.2	N 0.2	0.03	150	2000	N 10	< 10	< 20	N 1	N 10	30	N 10	< 10	2000	< 5
353	1GS219R2	0.0B	0.07	1.5	< 0.02	N 0.2	N 0.2	0.02	20	< 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	500	N 5
354	1GS220R1	0.0B	0.1	0.5	0.02	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	20	N 5
355	1GS220R2	0.0B	< 0.05	1.5	< 0.02	N 0.2	N 0.2	0.02	2	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	700	N 5
356	1GS220R3	0.0B	< 0.05	15	0.03	N 0.2	N 0.2	0.05	100	700	N 10	10	< 20	N 1	N 10	50	N 10	N 10	2000	< 5
357	1GS221R1	0.0B	0.05	< 0.05	0.02	N 0.2	N 0.2	N 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	50	N 10	N 10	> 20000	N 5
358	1GS221R2	0.0B	2	5	0.15	N 0.2	N 0.2	0.002	150	< 200	N 10	N 10	N 20	N 1	N 10	50	N 10	N 10	5000	N 5
359	1GS221R3	0.0B	N 0.05	5	< 0.02	N 0.2	N 0.2	0.002	100	200	N 10	< 10	N 20	N 1	N 10	70	N 10	N 10	1500	N 5
360	1GS222R	0.0B	1	7	0.05	N 0.2	N 0.2	0.007	5	N 200	N 10	< 10	N 20	< 1	N 10	N 20	N 10	< 10	2000	< 5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
361	1GS223R	0.0B	5	1	5	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	< 10	70	< 5
362	1GS224R	0.0B	< 0.05	2	< 0.02	N 0.2	N 0.2	0.003	150	N 200	N 10	N 10	N 20	N 1	N 10	< 20	N 10	N 10	1500	N 5
363	1GS225R	0.0B	10	0.2	0.3	N 0.2	N 0.2	0.005	< 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	20	N 5
364	1GS226R1	0.0B	2	2	0.2	0.7	N 0.2	0.2	< 0.5	N 200	N 10	70	50	< 1	N 10	N 20	< 10	200	50	30
365	1GS226R2	0.0B	5	3	1	0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	10	N 5	N 5
366	1GS226R3	0.0B	10	1.5	0.2	< 0.2	N 0.2	0.03	N 0.5	N 200	N 10	10	300	N 1	N 10	N 20	N 10	30	7	< 5
367	1GS227R1	0.0B	5	0.7	0.3	< 0.2	N 0.2	0.05	< 0.5	N 200	N 10	15	30	N 1	N 10	N 20	N 10	50	5	5
368	1GS227R2	0.0B	3	0.5	0.2	0.3	N 0.2	0.015	N 0.5	N 200	N 10	< 10	50	N 1	N 10	N 20	N 10	50	< 5	N 5
369	1GS228R	0.0B	2	2	0.3	1	N 0.2	0.15	N 0.5	N 200	N 10	70	30	< 1	N 10	N 20	< 10	150	7	30
370	1GS229R	0.0B	1.5	0.15	0.05	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	< 10	N 5	N 5
371	1GS230R1	0.0B	0.3	2	0.3	0.7	N 0.2	0.3	N 0.5	N 200	N 10	100	70	1.5	N 10	N 20	20	200	15	50
372	1GS230R2	0.0B	0.5	10	0.5	< 0.2	N 0.2	0.03	N 0.5	N 200	N 10	< 10	N 20	< 1	N 10	N 20	N 10	< 10	N 5	N 5
373	1GS231R	0.0B	7	0.7	0.15	0.3	< 0.2	0.05	0.5	N 200	N 10	20	20	N 1	N 10	N 20	N 10	200	15	5
374	1GS232R	0.0B	0.5	1	0.1	1	N 0.2	0.07	N 0.5	N 200	N 10	20	50	N 1	N 10	N 20	N 10	500	30	10
375	1GS233R	0.0B	0.15	2	0.3	0.2	N 0.2	0.2	1	N 200	N 10	50	200	< 1	N 10	N 20	N 10	500	100	20
376	1GS234R1	0.0B	N 0.05	0.5	0.05	N 0.2	N 0.2	0.02	3000	N 200	< 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	200	N 5
377	1GS234R2	0.0B	N 0.05	0.15	0.02	N 0.2	N 0.2	0.003	5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	15	N 5
378	1GS234R3	0.0B	N 0.05	0.3	< 0.02	N 0.2	N 0.2	0.02	0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	7	N 5
379	1GS234R5	0.0B	N 0.05	0.15	0.02	N 0.2	N 0.2	0.007	7	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	10	N 5
380	1GS235R	0.0B	10	0.1	0.1	N 0.2	N 0.2	0.01	0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
381	1GS236R1	0.0B	N 0.05	5	0.05	N 0.2	N 0.2	0.03	7	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	< 10	700	< 5
382	1GS236R2	0.0B	N 0.05	10	0.03	N 0.2	N 0.2	0.015	10	200	N 10	< 10	< 20	N 1	N 10	N 20	N 10	N 10	700	< 5
383	1GS237R1	0.0B	< 0.05	0.5	< 0.02	> 5	N 0.2	0.005	< 0.5	N 200	N 10	N 10	N 20	1.5	N 10	N 20	N 10	N 10	5	50
384	1GS237R2	0.0B	< 0.05	0.7	0.05	3	N 0.2	0.01	1	N 200	N 10	15	< 20	5	N 10	N 20	N 10	N 10	10	70
385	1GS237R3	0.0B	N 0.05	3	0.15	0.3	N 0.2	0.2	0.7	N 200	N 10	N 10	150	< 1	N 10	N 20	N 10	20	70	30
386	1GS238R1	0.0B	0.2	0.7	0.07	N 0.2	N 0.2	0.03	< 0.5	N 200	N 10	< 10	100	N 1	N 10	N 20	N 10	N 10	5	N 5
387	1GS238R2	0.0B	N 0.05	2	0.03	N 0.2	N 0.2	0.15	0.7	< 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	< 10	50	< 5
388	1GS239R	0.0B	15	0.2	0.15	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
389	1GS240R	0.0B	0.2	1.5	0.3	< 0.2	N 0.2	0.15	N 0.5	N 200	N 10	N 10	100	< 1	N 10	N 20	< 10	30	< 5	30
390	1GS241R	0.0B	10	0.2	0.15	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	7	N 5
391	1GS242R1	0.0B	10	0.15	0.7	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
392	1GS242R2	0.0B	15	0.2	0.1	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
393	1GS243R	0.0B	15	0.15	2	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
394	1GS244R	0.0B	20	0.15	2	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
395	1GS245R	0.0B	0.15	1	0.07	N 0.2	< 0.2	0.05	10	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	100	N 5
396	1GS246R	0.0B	10	0.15	0.1	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
397	1GS247R	0.0B	10	0.1	0.2	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	< 5	N 5
398	1GS248R1	0.0B	0.3	15	0.1	N 0.2	N 0.2	0.015	150	300	N 10	N 10	< 20	< 1	10	30	N 10	N 10	10000	20
399	1GS248R2	0.0B	7	0.15	1	N 0.2	N 0.2	< 0.002	0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	50	N 5
400	1GS249R	0.0B	N 0.05	2	0.07	N 0.2	N 0.2	0.07	5	N 200	N 10	< 10	150	10	N 10	N 20	N 10	N 10	20	50

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	F PCT E	Ca PCT S	Fe PCT S	Mg PCT S	Na PCT S	P PCT S	Ti PCT S	Ag PPM S	As PPM S	Au PPM S	B PPM S	Ba PPM S	Be PPM S	Bi PPM S	Cd PPM S	Co PPM S	Cr PPM S	Cu PPM S	Ga PPM S
401	1SM007R	0.0B	5	0.7	1	0.3	N 0.2	0.02	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	< 10	< 5	7
402	1SM009R1	0.0B	10	1	0.7	< 0.2	N 0.2	0.03	N 0.5	N 200	N 10	N 10	70	N 1	N 10	N 20	N 10	< 10	5	5
403	1SM009R2	0.0B	7	1	1.5	< 0.2	N 0.2	0.05	< 0.5	N 200	N 10	< 10	200	N 1	N 10	N 20	N 10	< 10	5	5
404	2DC301R	0.0B	10	0.7	0.07	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
405	2DC302R	0.0B	0.1	2	0.05	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	< 10	100	N 1	N 10	N 20	N 10	10	7	N 5
406	2DC304R	0.0B	0.15	3	0.1	N 0.2	N 0.2	0.07	N 0.5	300	N 10	10	150	N 1	N 10	N 20	20	10	20	N 5
407	2DC305R	0.0B	0.07	1.5	0.07	N 0.2	N 0.2	0.1	N 0.5	200	N 10	10	30	N 1	N 10	N 20	N 10	10	15	N 5
408	2DC306R1	0.0B	10	0.5	10	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	10	< 20	N 1	N 10	N 20	N 10	< 10	< 5	N 5
409	2DC306R2	0.0B	0.05	2	0.15	N 0.2	N 0.2	0.03	N 0.5	N 200	N 10	< 10	N 20	N 1	N 10	N 20	N 10	N 10	5	N 5
410	2DC307R1	0.0B	< 0.05	3	0.02	N 0.2	N 0.2	0.2	0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	15	15	15
411	2DC307R2	0.0B	0.07	5	0.03	N 0.2	N 0.2	0.5	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	70	7	20
412	2DC309R	0.0B	0.07	0.15	N 0.02	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
413	2DC310R	0.0B	N 0.05	0.7	< 0.02	N 0.2	N 0.2	0.005	N 0.5	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	N 10	5	N 5
414	2DC312R1	0.0B	N 0.05	0.5	N 0.02	N 0.2	N 0.2	0.01	2	N 200	N 10	N 10	< 20	N 1	20	N 20	N 10	N 10	15	N 5
415	2DC312R2	0.0B	N 0.05	2	< 0.02	N 0.2	N 0.2	0.05	7	N 200	N 10	N 10	50	N 1	N 10	N 20	N 10	N 10	20	N 5
416	2DC313R	0.0B	0.2	15	0.15	N 0.2	N 0.2	0.05	N 0.5	500	N 10	10	200	N 1	N 10	N 20	70	70	50	N 5
417	2DC317R1	0.0B	1	2	1.5	3	N 0.2	0.15	N 0.5	N 200	N 10	N 10	500	N 1	N 10	N 20	10	150	< 5	30
418	2DC317R2	0.0B	3	1	5	N 0.2	N 0.2	0.07	N 0.5	N 200	N 10	10	100	< 1	N 10	N 20	N 10	10	15	20
419	2EB071R	0.0B	1	5	2	5	N 0.2	0.3	N 0.5	N 200	N 10	N 10	1500	< 1	N 10	N 20	10	150	15	70
420	2GS301R	0.0B	< 0.05	0.7	0.05	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	< 10	2000	N 1	N 10	N 20	N 10	N 10	5	N 5
421	2GS302R	0.0B	0.7	0.3	1	N 0.2	N 0.2	0.02	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	N 10	7	N 5
422	2GS303R	0.0B	2	0.3	3	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	30	N 1	N 10	N 20	N 10	N 10	5	N 5
423	2GS304R	0.0B	0.2	0.2	0.3	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	500	N 1	N 10	N 20	N 10	N 10	< 5	N 5
424	2GS305R	0.0B	0.2	N 0.05	0.2	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
425	2GS306R	0.0B	1.5	1	1	N 0.2	N 0.2	0.015	N 0.5	N 200	N 10	N 10	2000	N 1	N 10	N 20	N 10	N 10	5	N 5
426	2GS307R	0.0B	2	0.1	3	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
427	2GS308R	0.0B	20	0.3	0.5	N 0.2	N 0.2	0.05	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	< 10	20	N 5
428	2GS309R	0.0B	2	0.15	0.15	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
429	2GS310R	0.0B	15	0.5	5	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	< 20	< 1	N 10	N 20	N 10	N 10	N 5	N 5
430	2GS312R	0.0B	15	0.3	5	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	< 10	< 5	N 5
431	2GS313R	0.0B	2	0.07	0.03	N 0.2	N 0.2	< 0.002	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
432	2GS314R	0.0B	20	0.1	0.3	N 0.2	N 0.2	0.002	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	5	N 5
433	2GS315R	0.0B	0.3	0.1	0.1	N 0.2	N 0.2	< 0.002	1	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
434	2GS316R	0.0B	0.3	5	0.05	N 0.2	N 0.2	0.007	N 0.5	< 200	N 10	< 10	20	N 1	N 10	N 20	N 10	N 10	30	< 5
435	2GS317R	0.0B	0.07	1	< 0.02	N 0.2	N 0.2	0.007	N 0.5	N 200	N 10	N 10	< 20	N 1	N 10	N 20	N 10	N 10	10	N 5
436	2GS318R	0.0B	0.5	5	0.15	N 0.2	N 0.2	0.01	N 0.5	N 200	N 10	< 10	20	N 1	N 10	N 20	N 10	N 10	15	N 5
437	2GS319R	0.0B	15	0.7	0.7	0.7	N 0.2	0.07	N 0.5	N 200	N 10	N 10	150	N 1	N 10	N 20	N 10	10	N 5	10
438	2GS320R	0.0B	10	0.1	7	N 0.2	N 0.2	0.003	N 0.5	N 200	N 10	N 10	N 20	N 1	N 10	N 20	N 10	N 10	N 5	N 5
439	2GS321R	0.0B	0.07	1	0.05	N 0.2	N 0.2	0.05	10	N 200	N 10	N 10	20	N 1	N 10	N 20	N 10	< 10	70	N 5

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
1	0DC003R	N 10	N 50	70	N 5	N 20	N 5	20	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	15	0.0B	0.0B
2	0DC004R	N 10	50	200	N 5	N 20	7	15	N 100	7	N 10	150	N 100	100	N 20	< 10	N 200	100	0.0B	0.0B
3	0DC005R	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	20	0.0B	0.0B
4	0DC006R1	N 10	N 50	5000	20	N 20	30	N 10	N 100	< 5	N 10	N 100	N 100	30	N 20	10	200	200	0.0B	0.0B
5	0DC006R2	N 10	N 50	20	N 5	N 20	N 5	10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
6	0DC008R1	N 10	< 50	700	N 5	< 20	< 5	70	N 100	< 5	N 10	N 100	N 100	20	N 20	10	< 200	100	0.0B	0.0B
7	0DC009R	N 10	N 50	20	< 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
8	0DC013R1	N 10	50	150	N 5	< 20	20	10	N 100	15	N 10	N 100	N 100	150	N 20	20	< 200	200	0.0B	0.0B
9	0DC013R2	N 10	N 50	15	N 5	N 20	N 5	100	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	15	0.0B	0.0B
10	0DC013R3	N 10	N 50	30	< 5	N 20	5	70	N 100	< 5	N 10	100	N 100	20	N 20	< 10	N 200	20	0.0B	0.0B
11	0DC014R1	N 10	N 50	10	N 5	N 20	N 5	70	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	50	0.0B	0.0B
12	0DC015R1	N 10	N 50	10	N 5	N 20	10	50	N 100	N 5	N 10	100	N 100	15	N 20	< 10	N 200	500	0.0B	0.0B
13	0DC015R2	N 10	70	150	N 5	< 20	20	10	N 100	20	N 10	N 100	N 100	150	N 20	30	N 200	700	0.0B	0.0B
14	0DC016R	N 10	N 50	100	N 5	N 20	< 5	< 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	100	0.0B	0.0B
15	0DC018R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
16	0DC022R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
17	0DC023R	N 10	< 50	200	N 5	N 20	5	15	N 100	10	N 10	N 100	N 100	100	N 20	15	N 200	150	0.0B	0.0B
18	0DC024R1	N 10	N 50	10	N 5	N 20	N 5	30	N 100	N 5	N 10	N 100	N 100	< 10	N 20	< 10	N 200	70	0.0B	0.0B
19	0DC024R2	N 10	50	200	N 5	< 20	30	15	N 100	15	N 10	N 100	N 100	70	N 20	20	< 200	150	0.0B	0.0B
20	0DC025R	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.0B	0.0B
21	0DC026R1	N 10	N 50	> 5000	5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	1500	< 10	0.0B	0.0B
22	0DC027R	N 10	N 50	500	N 5	50	N 5	30	N 100	< 5	30	N 100	N 100	N 10	N 20	< 10	N 200	N 10	0.0B	0.0B
23	0DC031R	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
24	0DC034R	N 10	N 50	100	N 5	N 20	200	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	700	N 10	0.0B	0.0B
25	0DC041R	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	200	0.0B	0.0B
26	0DC047R	N 10	N 50	30	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	100	0.0B	0.0B
27	0DC049R1	N 10	< 50	150	N 5	N 20	N 5	50	N 100	N 5	N 10	150	N 100	10	N 20	N 10	N 200	50	0.0B	0.0B
28	0DC049R2	N 10	N 50	100	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	50	0.0B	0.0B
29	0DC050R1	N 10	N 50	> 5000	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	30	0.0B	0.0B
30	0DC050R2	N 10	N 50	100	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	150	0.0B	0.0B
31	0DC050R3	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	10	0.0B	0.0B
32	0DC051R	N 10	N 50	100	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	15	0.0B	0.0B
33	0DC055R	N 10	N 50	50	N 5	N 20	N 5	150	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	10	0.0B	0.0B
34	0DC057R	N 10	N 50	2000	N 5	N 20	N 5	< 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	20	0.0B	0.0B
35	0DC058R	N 10	N 50	1500	N 5	N 20	N 5	N 10	N 100	N 5	N 10	100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
36	0DC060R	N 10	N 50	5000	N 5	N 20	7	15	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	100	0.0B	0.0B
37	0DC061R	N 10	N 50	10	N 5	N 20	N 5	10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	1000	0.0B	0.0B
38	0DC062R	N 10	N 50	5000	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	N 10	0.0B	0.0B
39	0DC063R	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	20	0.0B	0.0B
40	0DC065R1	N 10	N 50	10	N 5	N 20	N 5	300	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
41	0DC065R2	N 10	N 50	30	N 5	20	N 5	200	N 100	N 5	N 10	N 100	N 100	N 10	N 20	< 10	N 200	10	0.0B	0.0B
42	0DC073R1	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
43	0DC073R2	N 10	N 50	100	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	200	0.8	2
44	0DC074R	N 10	N 50	150	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	50	0.1	1
45	0DC075R1	N 10	N 50	100	5	N 20	20	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	50	0.0B	0.0B
46	0DC075R2	N 10	N 50	30	< 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	150	0.2	4
47	0DC078R	N 10	N 50	50	N 5	N 20	10	N 10	N 100	N 5	N 10	< 100	N 100	20	N 20	N 10	N 200	100	0.6	3
48	0DC079R	N 10	N 50	30	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	50	0.4	3
49	0DC080R	N 10	N 50	30	N 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	200	0.1	3
50	0DC081R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	30	0.1	2
51	0DC082R	N 10	N 50	50	N 5	N 20	30	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	300	20	0.3	5
52	0DC083R	N 10	N 50	150	15	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	50	0.2	1
53	0DC084R	N 10	N 50	20	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	30	0.2	2
54	0DC085R	N 10	N 50	150	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.1	N 1.0
55	0DC087R	N 10	N 50	< 10	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	200	< 0.1	2
56	0DC088R	N 10	N 50	20	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	50	0.1	4
57	0DC089R	N 10	N 50	< 10	< 5	N 20	5	N 10	N 100	< 5	N 10	N 100	N 100	50	N 20	N 10	N 200	300	0.6	5
58	0DC090R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	70	N 20	N 10	N 200	150	< 0.1	4
59	0DC091R	N 10	N 50	15	5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	150	0.2	7
60	0DC092R	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	70	1.7	5
61	0DC093R	N 10	N 50	100	10	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	100	0.3	3
62	0DC094R	N 10	N 50	20	5	N 20	15	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	100	0.4	6
63	0DC095R	N 10	N 50	< 10	N 5	N 20	30	N 10	N 100	N 5	N 10	N 100	N 100	100	N 20	N 10	N 200	100	0.7	9
64	0DC096R	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	70	0.1	4
65	0DC097R	N 10	N 50	N 10	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	70	0.3	5
66	0DC098R	N 10	N 50	15	N 5	N 20	7	< 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	70	0.4	5
67	0DC099R	N 10	N 50	15	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	20	0.4	2
68	0DC101R	N 10	N 50	15	< 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	100	0.2	3
69	0DC102R	N 10	N 50	10	5	N 20	20	N 10	N 100	N 5	N 10	< 100	N 100	30	N 20	N 10	N 200	100	0.0B	0.0B
70	0DC104R	N 10	100	10	5	< 20	70	< 10	N 100	10	N 10	N 100	N 100	300	20	20	N 200	500	0.0B	0.0B
71	0DC105R	N 10	N 50	15	< 5	N 20	15	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	300	0.3	6
72	0DC106R	N 10	N 50	50	7	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
73	0DC107R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.1	1
74	0DC109R1	N 10	N 50	150	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	< 10	N 200	200	0.1	1
75	0DC109R2	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	< 10	0.0B	0.0B
76	0DC110R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	1000	0.0B	0.0B
77	0DC111R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	< 10	N 200	< 10	0.0B	0.0B
78	0DC113R	N 10	N 50	150	7	N 20	200	N 10	N 100	N 5	N 10	N 100	N 100	700	N 20	30	500	10	0.8	1
79	0DC115R	N 10	N 50	10	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	100	0.2	7
80	0DC116R	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
81	0DC117R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.1	1
82	0DC119R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	15	0.1	1
83	0DC120R	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	0.1	2
84	0DC121R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	< 10	0.2	1
85	0DC122R	N 10	N 50	< 10	5	N 20	< 5	N 10	100	N 5	N 10	< 100	N 100	100	N 20	N 10	N 200	200	0.1	6
86	0DC123R	N 10	N 50	< 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	20	0.1	4
87	0DC131R	N 10	N 50	50	N 5	< 20	N 5	10	N 100	7	N 10	N 100	N 100	< 10	N 20	N 10	N 200	30	0.0B	0.0B
88	0DC132R	N 10	N 50	300	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	50	0.1	3
89	0DC133R	N 10	N 50	200	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	0.1	1
90	0DC134R	N 10	N 50	200	N 5	N 20	15	< 10	N 100	5	N 10	N 100	N 100	20	N 20	10	N 200	200	0.0B	0.0B
91	0DC135R	N 10	N 50	10	N 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	70	0.3	6
92	0DC136R	N 10	N 50	15	< 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	30	< 20	N 10	N 200	70	0.1	18
93	0DC138R	N 10	N 50	50	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
94	0DC139R	N 10	N 50	10	5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	70	0.2	4
95	0DC140R1	N 10	N 50	150	N 5	N 20	< 5	N 10	N 100	N 5	N 10	< 100	N 100	10	N 20	N 10	N 200	10	0.3	N 1
96	0DC140R2	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	5000	N 100	< 10	N 20	N 10	N 200	15	0.1	1
97	0DC142R	N 10	N 50	70	5	N 20	20	N 10	N 100	N 5	N 10	< 100	N 100	10	N 20	N 10	200	20	0.2	2
98	0DC143R	N 10	N 50	70	< 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	30	0.0B	0.0B
99	0DC144R	N 10	N 50	10	N 5	N 20	15	N 10	< 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	50	0.5	4
100	0DC145R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	0.1	2
101	0DC146R	N 10	N 50	100	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.1	2
102	0DC150R1	N 10	N 50	300	5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
103	0DC150R2	N 10	N 50	1500	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.2	N 1
104	0DC150R3	N 10	N 50	200	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
105	0DC155R1	N 10	N 50	70	< 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
106	0DC155R2	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.3	1
107	0DC157R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
108	0DC158R	N 10	N 50	100	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.2	1
109	0GS001R	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	70	0.0B	0.0B
110	0GS002R1	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	50	0.0B	0.0B
111	0GS002R2	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
112	0GS003R	N 10	N 50	15	N 5	N 20	N 5	< 10	N 100	N 5	N 10	500	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
113	0GS004R1	N 10	N 50	20	N 5	N 20	N 5	< 10	N 100	N 5	N 10	300	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
114	0GS004R2	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	500	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
115	0GS005R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	700	0.0B	0.0B
116	0GS008R	N 10	N 50	50	N 5	N 20	< 5	< 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	150	0.0B	0.0B
117	0GS009R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
118	0GS010R	N 10	N 50	200	N 5	N 20	N 5	< 10	N 100	N 5	N 10	100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
119	0GS011R	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	100	0.0B	0.0B
120	0GS012R1	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	50	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
121	0GS012R2	N 10	N 50	150	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	100	0.0B	0.0B
122	0GS014R1	N 10	N 50	500	< 5	N 20	< 5	700	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	300	100	0.0B	0.0B
123	0GS014R2	N 10	N 50	10	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	150	0.0B	0.0B
124	0GS016R1	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
125	0GS016R2	N 10	N 50	100	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
126	0GS018R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.0B	0.0B
127	0GS019R	N 10	N 50	300	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	50	0.0B	0.0B
128	0GS020R	N 10	N 50	1000	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	< 10	< 0.1	1
129	0GS021R	N 10	N 50	1500	N 5	N 20	N 5	< 10	N 100	N 5	N 10	150	N 100	N 10	N 20	< 10	N 200	10	0.0B	0.0B
130	0GS022R	N 10	N 50	200	< 5	N 20	5	10	N 100	N 5	N 10	< 100	N 100	50	N 20	N 10	N 200	50	0.0B	0.0B
131	0GS023R1	N 10	N 50	30	N 5	N 20	N 5	< 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
132	0GS023R2	N 10	N 50	200	N 5	N 20	5	< 10	N 100	N 5	N 10	N 100	N 100	15	< 20	N 10	N 200	30	0.3	8
133	0GS023R3	N 10	N 50	100	< 5	N 20	15	300	200	N 5	N 10	N 100	N 100	100	N 20	N 10	N 200	50	0.0B	0.0B
134	0GS024R1	N 10	N 50	700	N 5	N 20	N 5	N 10	100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.1	5
135	0GS024R2	N 10	N 50	50	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	< 20	N 10	N 200	10	< 0.1	11
136	0GS025R1	N 10	N 50	3000	N 5	N 20	< 5	N 10	N 100	N 5	N 10	100	N 100	< 10	N 20	N 10	N 200	10	0.0B	0.0B
137	0GS025R2	N 10	150	700	N 5	< 20	100	< 10	N 100	30	N 10	< 100	N 100	300	N 20	70	N 200	1000	0.0B	0.0B
138	0GS026R1	N 10	N 50	200	N 5	N 20	N 5	15	N 100	N 5	N 10	100	N 100	< 10	N 20	N 10	N 200	15	0.0B	0.0B
139	0GS026R2	N 10	N 50	500	N 5	N 20	N 5	20	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
140	0GS027R1	N 10	N 50	300	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	100	N 20	N 10	N 200	30	0.2	6
141	0GS027R2	N 10	50	500	N 5	< 20	10	10	N 100	15	N 10	N 100	N 100	70	N 20	70	N 200	> 1000	0.0B	0.0B
142	0GS029R	N 10	N 50	100	N 5	N 20	10	< 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	15	0.0B	0.0B
143	0GS030R	N 10	N 50	100	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
144	0GS031R1	N 10	N 50	> 5000	20	N 20	< 5	> 20000	3000	N 5	N 10	N 100	N 100	20	N 20	N 10	> 10000	20	0.0B	0.0B
145	0GS031R2	N 10	N 50	500	N 5	N 20	N 5	150	N 100	N 5	N 10	150	N 100	< 10	N 20	N 10	N 200	10	0.0B	0.0B
146	0GS031R3	N 10	N 50	> 5000	15	N 20	< 5	20000	700	N 5	N 10	N 100	N 100	15	N 20	N 10	> 10000	N 10	0.0B	0.0B
147	0GS032R	N 10	N 50	2000	N 5	N 20	< 5	30	N 100	N 5	N 10	< 100	N 100	15	N 20	N 10	N 200	15	0.0B	0.0B
148	0GS033R	N 10	N 50	500	N 5	N 20	< 5	10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	150	0.0B	0.0B
149	0GS034R	N 10	N 50	200	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
150	0GS035R	N 10	N 50	100	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
151	0GS036R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
152	0GS037R1	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	70	0.3	2
153	0GS037R2	N 10	N 50	150	< 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	50	1.3	7
154	0GS038R	N 10	N 50	< 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	20	0.0B	0.0B
155	0GS039R	N 10	N 50	100	N 5	N 20	< 5	N 10	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
156	0GS040R1	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
157	0GS040R2	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	10	0.0B	0.0B
158	0GS040R3	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.2	1
159	0GS042R	N 10	N 50	100	15	N 20	100	< 10	N 100	< 5	N 10	N 100	N 100	200	30	< 10	N 200	100	0.0B	0.0B
160	0GS043R	N 10	N 50	50	10	N 20	100	< 10	N 100	N 5	N 10	N 100	N 100	50	20	< 10	< 200	150	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
161	0GS044R1	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.0B	0.0B
162	0GS044R2	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
163	0GS046R	N 10	N 50	100	N 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	50	0.0B	0.0B
164	0GS047R	N 10	N 50	70	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	20	0.0B	0.0B
165	0GS048R	N 10	N 50	30	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	50	0.1	2
166	0GS051R	N 10	N 50	50	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	70	0.0B	0.0B
167	0GS052R1	N 10	50	500	N 5	N 20	7	15	N 100	5	N 10	150	N 100	100	N 20	10	N 200	150	0.0B	0.0B
168	0GS052R2	N 10	N 50	2000	< 5	N 20	100	10	N 100	7	N 10	< 100	N 100	50	N 20	15	200	50	0.0B	0.0B
169	0GS053R1	N 10	N 50	300	N 5	N 20	< 5	< 10	N 100	N 5	N 10	100	N 100	30	N 20	15	N 200	N 10	0.0B	0.0B
170	0GS053R2	N 10	N 50	15	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
171	0GS053R3	N 10	N 50	150	20	N 20	500	20	N 100	N 5	N 10	N 100	N 100	500	N 20	20	1000	N 10	0.0B	0.0B
172	0GS054R1	N 10	50	500	N 5	N 20	30	15	N 100	15	N 10	150	N 100	100	N 20	10	N 200	100	0.0B	0.0B
173	0GS054R2	N 10	N 50	150	N 5	N 20	< 5	20	N 100	N 5	N 10	100	N 100	30	N 20	N 10	N 200	70	0.0B	0.0B
174	0GS054R3	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
175	0GS055R	N 10	< 50	150	N 5	N 20	15	< 10	N 100	< 5	N 10	N 100	N 100	70	N 20	10	N 200	300	0.0B	0.0B
176	0GS056R	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	100	0.2	2
177	0GS057R	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	< 0.1	N 1.0
178	0GS058R	N 10	N 50	50	< 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	70	0.2	3
179	0GS059R	N 10	N 50	100	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	10	0.4	2
180	0GS061R	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	15	0.0B	0.0B
181	0GS062R1	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
182	0GS062R2	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	< 10	0.0B	0.0B
183	0GS063R	N 10	N 50	70	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	70	0.0B	0.0B
184	0GS064R	N 10	N 50	150	N 5	N 20	5	< 10	N 100	< 5	N 10	< 100	N 100	< 10	N 20	< 10	N 200	100	0.0B	0.0B
185	0GS066R1	N 10	< 50	< 10	5	< 20	50	N 10	N 100	5	N 10	N 100	N 100	500	N 20	20	N 200	150	0.0B	0.0B
186	0GS066R2	N 10	< 50	30	< 5	N 20	15	< 10	N 100	N 5	N 10	< 100	N 100	300	N 20	50	N 200	10	0.0B	0.0B
187	0GS066R3	N 10	N 50	150	N 5	N 20	N 5	N 10	N 100	N 5	N 10	150	N 100	30	N 20	N 10	N 200	N 10	0.0B	0.0B
188	0GS067R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	< 0.1	N 1.0
189	0GS068R	N 10	N 50	15	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.0B	0.0B
190	0GS069R	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
191	0GS070R	N 10	N 50	15	N 5	N 20	7	N 10	N 100	N 5	N 10	1000	N 100	20	N 20	< 10	N 200	10	0.0B	0.0B
192	0GS071R	N 10	N 50	> 5000	N 5	N 20	5	N 10	N 100	< 5	N 10	N 100	N 100	10	N 20	10	< 200	20	0.0B	0.0B
193	0GS072R	N 10	N 50	5000	< 5	N 20	7	15	N 100	N 5	N 10	150	N 100	30	N 20	20	N 200	< 10	0.0B	0.0B
194	0GS074R	N 10	N 50	< 10	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
195	0GS077R1	N 10	N 50	70	N 5	N 20	7	N 10	N 100	N 5	N 10	100	N 100	10	N 20	N 10	N 200	100	0.0B	0.0B
196	0GS077R2	N 10	N 50	50	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	20	0.1	2
197	0GS079R1	N 10	N 50	30	N 5	N 20	N 5	< 10	N 100	N 5	N 10	150	N 100	< 10	N 20	N 10	N 200	20	0.0B	0.0B
198	0GS079R2	N 10	N 50	20	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
199	0GS079R3	N 10	N 50	100	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	0.0B	0.0B
200	0GS080R	N 10	N 50	5000	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	< 10	N 200	1000	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
201	0GS081R1	N 10	N 50	150	N 5	N 20	5	N 10	N 100	N 5	N 10	150	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
202	0GS081R2	N 10	N 50	30	N 5	N 20	< 5	N 10	N 100	N 5	N 10	100	N 100	N 10	N 20	N 10	N 200	N 10	0.1	N 1.0
203	0GS082R1	N 10	N 50	30	7	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	70	0.0B	0.0B
204	0GS082R2	N 10	N 50	100	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	20	0.1	2
205	0GS084R	N 10	N 50	15	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.0B	0.0B
206	0GS085R1	N 10	N 50	10	N 5	N 20	7	N 10	N 100	N 5	N 10	2000	N 100	15	N 20	< 10	N 200	< 10	0.0B	0.0B
207	0GS085R2	N 10	N 50	70	N 5	N 20	5	N 10	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
208	0GS086R1	N 10	N 50	15	N 5	N 20	7	< 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	< 200	10	0.2	N 1.0
209	0GS086R2	N 10	N 50	< 10	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	N 10	0.8	N 1.0
210	0GS088R	N 10	< 50	150	N 5	< 20	N 5	70	N 100	< 5	N 10	N 100	N 100	10	N 20	N 10	N 200	70	0.0B	0.0B
211	0GS089R	N 10	50	200	N 5	< 20	7	< 10	N 100	15	N 10	N 100	N 100	100	N 20	20	N 200	200	0.0B	0.0B
212	0GS091R	N 10	N 50	20	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	70	0.0B	0.0B
213	0GS093R1	N 10	N 50	30	< 5	N 20	N 5	1000	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	500	70	0.0B	0.0B
214	0GS093R2	N 10	N 50	20	N 5	N 20	N 5	10000	N 100	< 5	N 10	N 100	N 100	30	< 20	10	N 200	> 1000	0.0B	0.0B
215	0GS094R	N 10	70	150	N 5	< 20	15	500	N 100	15	N 10	< 100	N 100	150	N 20	30	N 200	150	0.0B	0.0B
216	0GS097R	N 10	N 50	30	N 5	30	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	< 10	N 200	50	0.0B	0.0B
217	0GS098R	N 10	N 50	200	N 5	N 20	N 5	30	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	70	0.0B	0.0B
218	0GS099R1	N 10	< 50	50	N 5	N 20	< 5	30	N 100	< 5	N 10	100	N 100	20	N 20	< 10	N 200	70	0.0B	0.0B
219	0GS099R2	N 10	< 50	150	N 5	< 20	< 5	30	N 100	< 5	N 10	100	N 100	30	N 20	< 10	N 200	100	0.0B	0.0B
220	0GS100R	N 10	< 50	500	N 5	N 20	5	30	N 100	< 5	N 10	150	N 100	30	N 20	10	N 200	100	0.0B	0.0B
221	0GS101R	N 10	< 50	500	N 5	N 20	< 5	50	N 100	5	N 10	100	N 100	50	N 20	< 10	N 200	70	0.0B	0.0B
222	0GS104R	N 10	50	1000	N 5	N 20	< 5	20	N 100	7	N 10	150	N 100	100	N 20	10	N 200	100	0.0B	0.0B
223	0GS111R	N 10	50	700	< 5	20	N 5	20	N 100	10	N 10	150	N 100	100	N 20	15	N 200	300	0.0B	0.0B
224	0GS115R1	N 10	N 50	50	N 5	N 20	N 5	70	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	30	0.0B	0.0B
225	0GS115R2	N 10	N 50	100	N 5	30	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	50	0.0B	0.0B
226	0GS115R3	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
227	0GS117R1	N 10	N 50	20	< 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	10	0.0B	0.0B
228	0GS117R2	N 10	N 50	70	N 5	< 20	N 5	10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	20	0.0B	0.0B
229	0GS120R	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
230	0GS121R	N 10	N 50	300	N 5	N 20	N 5	N 10	N 100	N 5	N 10	300	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
231	0GS122R	N 10	N 50	150	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	100	0.0B	0.0B
232	0GS123R	N 10	N 50	50	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
233	0GS125R	N 10	N 50	10	N 5	N 20	N 5	< 10	N 100	N 5	N 10	N 100	N 100	10	N 20	< 10	N 200	700	0.0B	0.0B
234	0GS126R1	N 10	N 50	100	N 5	< 20	N 5	50	N 100	< 5	N 10	< 100	N 100	N 10	N 20	< 10	N 200	< 10	0.0B	0.0B
235	0GS126R2	N 10	70	5000	N 5	N 20	50	10	N 100	15	N 10	< 100	N 100	100	N 20	15	N 200	70	0.0B	0.0B
236	0GS126R3	N 10	N 50	150	< 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.0B	0.0B
237	0GS127R	N 10	N 50	< 10	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.0B	0.0B
238	0GS129R1	N 10	N 50	20	N 5	N 20	N 5	200	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	20	0.0B	0.0B
239	0GS129R2	N 10	50	500	N 5	N 20	10	20	N 100	7	N 10	150	N 100	150	N 20	10	N 200	150	0.0B	0.0B
240	0GS130R1	N 10	N 50	200	N 5	50	N 5	50	N 100	5	< 10	N 100	N 100	N 10	N 20	15	N 200	10	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
241	0GS130R2	N 10	50	1000	N 5	< 20	< 5	1000	N 100	< 5	N 10	100	N 100	30	N 20	10	500	100	0.0B	0.0B
242	0GS131R	N 10	< 50	100	N 5	N 20	< 5	200	N 100	N 5	N 10	100	N 100	10	N 20	N 10	N 200	20	0.0B	0.0B
243	0GS132R1	N 10	< 50	150	N 5	N 20	< 5	10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	< 200	20	0.0B	0.0B
244	0GS132R2	N 10	< 50	200	N 5	N 20	< 5	20	N 100	< 5	N 10	100	N 100	30	N 20	< 10	N 200	70	0.0B	0.0B
245	0GS134R	N 10	N 50	15	N 5	50	N 5	30	N 100	15	N 10	N 100	N 100	N 10	N 20	10	N 200	15	0.0B	0.0B
246	0GS135R	N 10	N 50	300	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	< 10	N 200	500	0.0B	0.0B
247	0GS139R	N 10	< 50	500	N 5	N 20	20	< 10	N 100	10	N 10	150	N 100	100	N 20	10	N 200	100	0.0B	0.0B
248	0GS140R	N 10	N 50	500	N 5	N 20	< 5	30	N 100	N 5	N 10	N 100	N 100	20	N 20	< 10	N 200	150	0.0B	0.0B
249	0GS141R1	N 10	N 50	< 10	N 5	N 20	N 5	50	1500	N 5	N 10	> 5000	N 100	< 10	N 20	N 10	N 200	100	0.0B	0.0B
250	0GS141R2	N 10	N 50	10	N 5	N 20	N 5	70	150	N 5	N 10	> 5000	N 100	15	N 20	N 10	500	70	0.0B	0.0B
251	0GS141R3	N 10	N 50	70	N 5	N 20	N 5	10000	700	N 5	N 10	N 100	N 100	N 10	< 20	N 10	> 10000	20	0.0B	0.0B
252	0GS142R1	N 10	N 50	300	N 5	N 20	N 5	< 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.1	1
253	0GS142R2	N 10	N 50	20	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	15	0.1	3
254	1CT025R	N 10	N 50	30	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	30	0.2	N 1
255	1CT026R	N 10	N 50	100	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	10	0.2	N 1
256	1CT027R	N 10	N 50	20	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	70	< 0.1	N 1
257	1CT028R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	15	0.1	N 1
258	1CT029R	N 10	N 50	500	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	10	0.2	1
259	1CT034R	N 10	N 50	1000	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	N 10	0.2	1
260	1DC161R1	N 10	N 50	> 5000	N 5	N 20	200	N 10	N 100	N 5	N 10	N 100	N 100	100	20	N 10	< 200	N 10	0.0B	0.0B
261	1DC161R2	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
262	1DC163R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
263	1DC164R	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
264	1DC165R	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
265	1DC169R	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
266	1DC170R	N 10	N 50	150	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
267	1DC171R	N 10	N 50	300	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.2	N 1
268	1DC172R	N 10	N 50	N 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
269	1DC173R	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.1	N 1
270	1DC176R	N 10	50	150	N 5	20	30	20	N 100	< 5	N 10	N 100	N 100	150	N 20	10	N 200	200	0.0B	0.0B
271	1DC177R	N 10	50	200	< 5	< 20	20	15	N 100	< 5	N 10	N 100	N 100	70	N 20	10	N 200	100	0.0B	0.0B
272	1DC181R	N 10	50	700	< 5	< 20	< 5	20	N 100	7	N 10	N 100	N 100	100	N 20	15	N 200	200	0.0B	0.0B
273	1DC182R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
274	1DC183R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
275	1DC184R	N 10	50	150	< 5	< 20	15	15	N 100	5	N 10	N 100	N 100	100	N 20	10	N 200	150	0.0B	0.0B
276	1DC185R	N 10	70	15	< 5	< 20	10	50	N 100	5	N 10	N 100	N 100	70	N 20	< 10	N 200	100	0.0B	0.0B
277	1DC186R1	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
278	1DC186R2	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
279	1DC187R1	N 10	< 50	100	10	N 20	50	< 10	< 100	N 5	N 10	700	N 100	20	< 20	15	N 200	200	0.0B	0.0B
280	1DC187R2	N 10	< 50	10	5	N 20	20	N 10	N 100	N 5	N 10	100	N 100	50	30	10	N 200	200	1.2	39

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
281	1DC187R3	N 10	N 50	15	15	N 20	50	< 10	200	N 5	N 10	N 100	N 100	50	50	10	N 200	200	0.5	32
282	1DC188R	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
283	1DC189R	N 10	N 50	200	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
284	1DC190R1	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
285	1DC190R2	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
286	1DC192R1	N 10	< 50	1000	N 5	N 20	15	10	N 100	< 5	N 10	N 100	N 100	100	N 20	< 10	N 200	100	0.0B	0.0B
287	1DC192R2	N 10	70	200	N 5	< 20	10	20	N 100	5	N 10	N 100	N 100	150	N 20	10	N 200	200	0.0B	0.0B
288	1DC193R1	N 10	N 50	N 10	N 5	N 20	< 5	N 10	< 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	30	0.4	4
289	1DC193R2	N 10	N 50	100	30	N 20	< 5	N 10	500	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	70	0.5	2
290	1DC195R1	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
291	1DC195R2	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
292	1DC196R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
293	1DC199R	N 10	< 50	50	20	N 20	20	N 10	200	< 5	N 10	N 100	N 100	100	N 20	< 10	N 200	200	1.5	11
294	1DC201R	N 10	N 50	100	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	10	0.0B	0.0B
295	1DC203R	N 10	N 50	N 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	10	0.2	2
296	1DC204R	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
297	1DC205R	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
298	1DC209R	N 10	N 50	150	N 5	N 20	N 5	30	N 100	N 5	N 10	150	N 100	150	N 20	N 10	N 200	< 10	0.0B	0.0B
299	1DC211R	N 10	< 50	N 10	< 5	N 20	10	< 10	N 100	< 5	N 10	N 100	N 100	300	< 20	< 10	N 200	150	0.0B	0.0B
300	1DC214R	N 10	N 50	100	N 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	30	N 20	N 10	N 200	< 10	0.2	3
301	1DC216R	N 10	100	N 10	< 5	< 20	< 5	10	N 100	7	N 10	N 100	N 100	200	N 20	15	N 200	500	0.1	7
302	1DC217R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
303	1DC218R	N 10	70	700	N 5	< 20	5	10	N 100	5	N 10	N 100	N 100	150	N 20	15	N 200	300	0.0B	0.0B
304	1DC219R	N 10	N 50	N 10	< 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	200	N 20	N 10	N 200	20	0.4	H
305	1DC220R	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
306	1DC221R1	N 10	N 50	N 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.2	1
307	1DC221R2	N 10	N 50	N 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	< 10	0.0B	0.0B
308	1DC222R1	N 10	N 50	20	N 5	N 20	N 5	150	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	1500	N 10	0.0B	0.0B
309	1DC222R2	N 10	N 50	30	N 5	N 20	< 5	10000	N 100	N 5	N 10	N 100	N 100	1500	N 20	N 10	2000	N 10	0.0B	0.0B
310	1DC222R3	N 10	N 50	> 5000	30	N 20	5	> 20000	300	N 5	N 10	N 100	N 100	200	< 20	N 10	3000	N 10	0.4	7
311	1DC223R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
312	1DC234R1	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
313	1DC234R2	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
314	1DC235R	N 10	N 50	< 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
315	1DC256R	N 10	N 50	N 10	< 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	15	0.6	N 1
316	1DC257R	N 10	N 50	< 10	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	20	0.2	1
317	1DC258R1	N 10	N 50	N 10	N 5	N 20	5	N 10	< 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	30	2.8	5
318	1DC258R2	N 10	N 50	N 10	< 5	N 20	< 5	< 10	100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	50	0.0B	0.0B
319	1DC259R	N 10	N 50	N 10	5	N 20	5	N 10	100	N 5	N 10	N 100	N 100	100	N 20	N 10	< 200	15	2	6
320	1DC260R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.1	N 1

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
321	1DC261R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	< 0.1	N 1
322	1DC262R	N 10	N 50	N 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	30	< 0.1	1
323	1DC267R	N 10	N 50	< 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.0B	0.0B
324	1DC271R	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
325	1DC273R	N 10	N 50	50	N 5	N 20	< 5	15	< 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	< 0.1	N 1
326	1DC274R1	N 10	N 50	300	20	N 20	N 5	20000	1500	N 5	N 10	N 100	N 100	100	N 20	N 10	5000	N 10	0.9	1
327	1DC275R	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	150	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
328	1DC278R	N 10	N 50	30	N 5	N 20	< 5	15	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	30	0.0B	0.0B
329	1GS201R	N 10	N 50	100	N 5	N 20	< 5	30	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	50	0.0B	0.0B
330	1GS202R1	N 10	< 50	30	N 5	N 20	< 5	30	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	30	0.0B	0.0B
331	1GS202R2	N 10	< 50	150	N 5	N 20	< 5	50	N 100	N 5	N 10	N 100	N 100	15	N 20	< 10	N 200	30	0.0B	0.0B
332	1GS202R3	N 10	< 50	70	N 5	N 20	< 5	50	N 100	N 5	N 10	N 100	N 100	15	N 20	< 10	N 200	30	0.0B	0.0B
333	1GS203R	N 10	N 50	20	N 5	N 20	N 5	15	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	20	0.0B	0.0B
334	1GS204R	N 10	N 50	100	N 5	N 20	< 5	20	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	50	0.0B	0.0B
335	1GS205R	N 10	N 50	50	N 5	N 20	N 5	30	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	15	0.0B	0.0B
336	1GS206R1	N 10	< 50	100	N 5	N 20	< 5	30	N 100	< 5	N 10	N 100	N 100	30	N 20	< 10	N 200	50	0.0B	0.0B
337	1GS206R2	N 10	N 50	100	N 5	N 20	< 5	20	N 100	N 5	N 10	N 100	N 100	20	N 20	< 10	N 200	50	0.0B	0.0B
338	1GS207R	N 10	N 50	70	N 5	N 20	< 5	30	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	20	0.0B	0.0B
339	1GS209R	N 10	N 50	20	N 5	N 20	N 5	15	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	0.0B	0.0B
340	1GS211R	N 10	N 50	150	N 5	N 20	7	30	N 100	< 5	N 10	< 100	N 100	30	N 20	< 10	N 200	30	0.0B	0.0B
341	1GS212R	N 10	N 50	70	N 5	N 20	N 5	20	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	20	0.0B	0.0B
342	1GS213R1	N 10	N 50	N 10	N 5	N 20	< 5	10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	15	0.0B	0.0B
343	1GS213R2	N 10	N 50	100	N 5	N 20	10	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.0B	0.0B
344	1GS214R	N 10	N 50	10	N 5	N 20	5	N 10	< 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
345	1GS215R1	N 10	N 50	15	15	N 20	7	70	100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	20	0.0B	0.0B
346	1GS215R2	N 10	N 50	100	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.3	N 1
347	1GS216R1	N 10	N 50	N 10	N 5	N 20	N 5	10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.2	2
348	1GS216R2	N 10	N 50	< 10	< 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.1	N 1
349	1GS217R1	N 10	N 50	150	150	N 20	10	15	< 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	N 10	8.4	H
350	1GS217R2	N 10	N 50	70	200	N 20	< 5	15	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
351	1GS218R	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.2	7
352	1GS219R1	N 10	N 50	100	10	N 20	7	10000	7000	N 5	N 10	N 100	N 100	500	20	N 10	1500	< 10	0.0B	0.0B
353	1GS219R2	N 10	N 50	200	N 5	N 20	N 5	700	1000	N 5	N 10	N 100	N 100	50	N 20	N 10	200	N 10	0.2	10
354	1GS220R1	N 10	N 50	N 10	N 5	N 20	< 5	20	< 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.1	1
355	1GS220R2	N 10	N 50	30	N 5	N 20	N 5	500	300	N 5	N 10	N 100	N 100	< 10	N 20	N 10	1000	< 10	0.1	1
356	1GS220R3	N 10	N 50	15	15	N 20	N 5	7000	5000	N 5	N 10	N 100	N 100	150	N 20	N 10	3000	10	0.0B	0.0B
357	1GS221R1	N 10	N 50	700	N 5	N 20	N 5	1000	< 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	> 10000	N 10	0.0B	0.0B
358	1GS221R2	N 10	N 50	1000	10	N 20	N 5	20000	3000	N 5	N 10	N 100	N 100	1000	N 20	N 10	10000	N 10	0.0B	0.0B
359	1GS221R3	N 10	N 50	< 10	< 5	N 20	N 5	5000	5000	N 5	N 10	N 100	N 100	10	N 20	N 10	700	N 10	0.5	1
360	1GS222R	N 10	N 50	100	30	N 20	N 5	15000	1000	N 5	N 10	N 100	N 100	300	N 20	N 10	1000	N 10	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
361	1GS223R	N 10	N 50	1500	10	N 20	5	200	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	0.0B	0.0B
362	1GS224R	N 10	N 50	< 10	< 5	N 20	< 5	> 20000	3000	N 5	N 10	N 100	N 100	N 10	N 20	N 10	300	N 10	1.8	1
363	1GS225R	N 10	N 50	150	N 5	N 20	N 5	300	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
364	1GS226R1	N 10	< 50	15	5	N 20	70	15	N 100	< 5	N 10	< 100	N 100	70	N 20	10	N 200	20	0.0B	0.0B
365	1GS226R2	N 10	N 50	30	N 5	N 20	< 5	N 10	N 100	N 5	N 10	150	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
366	1GS226R3	N 10	N 50	20	N 5	N 20	7	N 10	N 100	N 5	N 10	200	N 100	15	N 20	20	N 200	< 10	0.0B	0.0B
367	1GS227R1	N 10	N 50	< 10	N 5	N 20	15	N 10	N 100	N 5	N 10	100	N 100	20	N 20	N 10	N 200	< 10	0.0B	0.0B
368	1GS227R2	N 10	N 50	N 10	N 5	N 20	10	N 10	N 100	N 5	N 10	100	N 100	10	N 20	N 10	N 200	N 10	0.0B	0.0B
369	1GS228R	N 10	N 50	30	N 5	N 20	30	15	N 100	< 5	N 10	< 100	N 100	30	N 20	N 10	N 200	20	0.0B	0.0B
370	1GS229R	N 10	N 50	N 10	N 5	N 20	5	N 10	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
371	1GS230R1	N 10	< 50	10	N 5	N 20	50	15	N 100	7	N 10	< 100	N 100	100	N 20	< 10	N 200	30	0.0B	0.0B
372	1GS230R2	N 10	N 50	300	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	15	0.0B	0.0B
373	1GS231R	N 10	N 50	< 10	N 5	N 20	20	N 10	N 100	N 5	N 10	150	N 100	30	N 20	10	N 200	10	0.0B	0.0B
374	1GS232R	N 10	N 50	N 10	5	N 20	50	N 10	N 100	N 5	N 10	N 100	N 100	50	N 20	N 10	N 200	< 10	0.0B	0.0B
375	1GS233R	N 10	N 50	N 10	< 5	N 20	70	< 10	N 100	< 5	N 10	N 100	N 100	150	N 20	< 10	N 200	50	0.0B	0.0B
376	1GS234R1	N 10	N 50	N 10	7	N 20	N 5	500	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	0.0B	0.0B
377	1GS234R2	N 10	N 50	< 10	N 5	N 20	N 5	70	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
378	1GS234R3	N 10	N 50	N 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	50	0.0B	0.0B
379	1GS234R5	N 10	N 50	N 10	< 5	N 20	N 5	10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	< 10	0.0B	0.0B
380	1GS235R	N 10	N 50	10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
3B1	1GS236R1	N 10	N 50	< 10	200	N 20	< 5	10000	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	200	20	0.0B	0.0B
3B2	1GS236R2	N 10	N 50	N 10	70	N 20	< 5	7000	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	2000	< 10	0.0B	0.0B
383	1GS237R1	N 10	N 50	50	N 5	< 20	N 5	150	N 100	N 5	N 10	N 100	N 100	N 10	N 20	10	N 200	10	0.0B	0.0B
384	1GS237R2	N 10	N 50	300	N 5	20	N 5	700	N 100	N 5	< 10	N 100	N 100	N 10	N 20	15	N 200	15	0.0B	0.0B
385	1GS237R3	N 10	N 50	100	N 5	N 20	5	700	N 100	< 5	N 10	N 100	N 100	20	N 20	< 10	< 200	150	0.0B	0.0B
386	1GS238R1	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	0.4	1
387	1GS238R2	N 10	N 50	N 10	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	70	N 20	N 10	N 200	30	0.0B	0.0B
388	1GS239R	N 10	N 50	70	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	N 200	N 10	0.4	N 1
389	1GS240R	N 10	N 50	20	N 5	N 20	10	15	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	30	0.0B	0.0B
390	1GS241R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	N 200	10	0.0B	0.0B
391	1GS242R1	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
392	1GS242R2	N 10	N 50	30	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
393	1GS243R	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
394	1GS244R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
395	1GS245R	N 10	N 50	30	N 5	N 20	< 5	< 10	3000	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	10	1	N 1
396	1GS246R	N 10	N 50	50	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
397	1GS247R	N 10	N 50	10	N 5	N 20	N 5	20	N 100	N 5	N 10	< 100	N 100	N 10	N 20	N 10	N 200	N 10	0.0B	0.0B
398	1GS248R1	N 10	N 50	100	150	N 20	< 5	> 20000	5000	N 5	N 10	N 100	N 100	30	N 20	N 10	3000	< 10	0.0B	0.0B
399	1GS248R2	N 10	N 50	200	N 5	N 20	N 5	300	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	0.0B	0.0B
400	1GS249R	N 10	N 50	700	N 5	< 20	N 5	2000	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	15	0.0B	0.0B

Table 10.--Sample description and analytical data for rock samples...(continued).

INDEX	FIELD NO.	Ge PPM S	La PPM S	Mn PPM S	Mo PPM S	Nb PPM S	Ni PPM S	Pb PPM S	Sb PPM S	Sc PPM S	Sn PPM S	Sr PPM S	Th PPM S	V PPM S	W PPM S	Y PPM S	Zn PPM S	Zr PPM S	Se PPM H	W PPM V
401	1SM007R	N 10	N 50	10	N 5	N 20	< 5	20	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	30	0.0B	0.0B
402	1SM009R1	N 10	N 50	50	N 5	N 20	10	15	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	30	0.0B	0.0B
403	1SM009R2	N 10	N 50	70	N 5	N 20	7	10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	70	0.0B	0.0B
404	2DC301R	N 10	N 50	300	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	50	N 10	N 200	N 10	< 0.1	1
405	2DC302R	N 10	N 50	< 10	< 5	N 20	15	< 10	N 100	N 5	N 10	N 100	N 100	30	30	< 10	N 200	150	0.4	5
406	2DC304R	N 10	N 50	20	15	N 20	50	N 10	N 100	N 5	N 10	< 100	N 100	50	< 20	N 10	N 200	50	1.4	2
407	2DC305R	N 10	N 50	10	5	N 20	20	N 10	N 100	N 5	N 10	N 100	N 100	100	N 20	N 10	N 200	70	0.6	7
408	2DC306R1	N 10	N 50	70	N 5	N 20	N 5	15	N 100	N 5	N 10	N 100	N 100	15	50	N 10	N 200	20	< 0.1	N 1.0
409	2DC306R2	N 10	N 50	N 10	N 5	N 20	5	10	N 100	N 5	N 10	N 100	N 100	10	30	N 10	N 200	15	0.2	N 1.0
410	2DC307R1	N 10	< 50	N 10	N 5	N 20	10	N 10	N 100	< 5	N 10	N 100	N 100	100	< 20	N 10	N 200	70	0.2	23
411	2DC307R2	N 10	N 50	N 10	< 5	N 20	5	< 10	N 100	< 5	N 10	N 100	N 100	100	20	N 10	N 200	100	0.5	30
412	2DC309R	N 10	N 50	< 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	30	N 10	N 200	50	< 0.1	1
413	2DC310R	N 10	N 50	50	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	< 20	N 10	N 200	N 10	< 0.1	N 1.0
414	2DC312R1	N 10	N 50	10	10	N 20	N 5	200	N 100	N 5	N 10	N 100	N 100	N 10	< 20	N 10	N 200	< 10	0.3	7
415	2DC312R2	N 10	N 50	N 10	< 5	N 20	< 5	100	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	30	< 0.1	5
416	2DC313R	N 10	N 50	10	7	N 20	200	15	N 100	N 5	N 10	N 100	N 100	100	< 20	N 10	N 200	50	9	21
417	2DC317R1	N 10	N 50	70	N 5	N 20	15	10	N 100	< 5	N 10	< 100	N 100	30	N 20	N 10	N 200	15	0.0B	0.0B
418	2DC317R2	N 10	N 50	30	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	20	0.0B	0.0B
419	2EB071R	N 10	50	200	N 5	N 20	15	20	N 100	7	N 10	100	N 100	70	N 20	10	N 200	150	< 0.1	1
420	2GS301R	N 10	N 50	15	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	50	0.5	3
421	2GS302R	N 10	N 50	20	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	15	N 20	N 10	N 200	30	< 0.1	2
422	2GS303R	N 10	N 50	50	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	< 10	0.2	N 1.0
423	2GS304R	N 10	N 50	50	N 5	N 20	5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	15	< 0.1	1
424	2GS305R	N 10	N 50	10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
425	2GS306R	N 10	N 50	30	N 5	N 20	7	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	10	0.2	1
426	2GS307R	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
427	2GS308R	N 10	N 50	30	N 5	N 20	N 5	< 10	N 100	N 5	N 10	100	N 100	< 10	N 20	N 10	N 200	15	< 0.1	2
428	2GS309R	N 10	N 50	15	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
429	2GS310R	N 10	N 50	100	N 5	N 20	N 5	< 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	< 0.1	58
430	2GS312R	N 10	N 50	70	N 5	N 20	N 5	< 10	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	< 10	< 0.1	36
431	2GS313R	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
432	2GS314R	N 10	N 50	20	N 5	N 20	N 5	N 10	N 100	N 5	N 10	< 100	N 100	< 10	N 20	N 10	N 200	N 10	< 0.1	1
433	2GS315R	N 10	N 50	< 10	N 5	N 20	< 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
434	2GS316R	N 10	N 50	15	5	N 20	7	70	N 100	N 5	N 10	N 100	N 100	20	30	N 10	300	10	0.2	4
435	2GS317R	N 10	N 50	< 10	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	10	N 20	N 10	N 200	N 10	0.3	1
436	2GS318R	N 10	N 50	70	< 5	N 20	5	15	N 100	N 5	N 10	N 100	N 100	20	N 20	N 10	N 200	N 10	0.5	3
437	2GS319R	N 10	N 50	1000	N 5	N 20	< 5	N 10	N 100	N 5	N 10	150	N 100	< 10	N 20	10	N 200	30	< 0.1	1
438	2GS320R	N 10	N 50	150	N 5	N 20	N 5	N 10	N 100	N 5	N 10	N 100	N 100	N 10	N 20	N 10	N 200	N 10	< 0.1	N 1.0
439	2GS321R	N 10	N 50	20	N 5	N 20	5	N 10	1000	N 5	N 10	N 100	N 100	< 10	N 20	N 10	N 200	< 10	1	2

APPENDICES

The following letter codes are used in appendices 1-4: B, not analyzed; L, detected but below lower determination limit; N, not detected at lower determination limit; G, greater than upper determination limit; ppm, parts per million; pct, percent; -A, atomic absorption spectrophotometry; -G, graphite-furnace atomic absorption spectrophotometry; -I, inductively coupled plasma-atomic emission spectrometry; -E, selective-ion electrode analysis; -S, semiquantitative emission spectrography; -H, hydride generation atomic absorption spectrophotometry; -V, visible spectrophotometry.

Appendix 1. Histograms for stream-sediment samples collected from the Goshute Indian Reservation, NV and UT. [Histograms are not shown for the following elements, for which all concentrations were qualified as not detected, or as less than the lower limit of determination: As-S, Au-S, Cd-S, Ge-S, Sb-S, W-S, and Zn-S. See beginning of Appendices section for explanation of letter codes used]

Hg ppm-A

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.020	47	36.43	47	36.4	21.7	101	78.3	21.7
2	.050	21	16.28	68	52.7	5.4	122	94.6	5.4
3	.070	5	3.88	73	56.6	1.6	127	98.4	1.6
4	.100	1	.78	74	57.4	.8	128	99.2	.8
5	1.500	1	.78	75	58.1	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	54	0	0	75	129	129
Percentages	.0	41.9	.0	.0	58.1		

```
                            Percent of Values
         .00            20.00            40.00            60.00
              10.00            30.00            50.00
         +---------+---------+---------+---------+---------+---------+
.020000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
.030000  +
   .050  +XXXXXXXXXXXXXXX|
   .070  +XXX|
   .100  +|
   .150  +
   .200  +
   .300  +
   .500  +
   .700  +
  1.000  +
  1.500  +|
         +---------+---------+---------+---------+---------+---------+
         .00            20.00            40.00            60.00
              10.00            30.00            50.00
       Each increment (each X or | plotted) =      1.000 %
```

Tl ppm-A

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.200	12	9.30	12	9.3	90.7	12	9.3	90.7
2	.300	21	16.28	33	25.6	74.4	33	25.6	74.4
3	.500	50	38.76	83	64.3	35.7	83	64.3	35.7
4	.700	34	26.36	117	90.7	9.3	117	90.7	9.3
5	1.000	9	6.98	126	97.7	2.3	126	97.7	2.3
6	1.500	3	2.33	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

```
                            Percent of Values
         .00            20.00            40.00            60.00
              10.00            30.00            50.00
         +---------+---------+---------+---------+---------+---------+
   .200  +XXXXXXXX|
   .300  +XXXXXXXXXXXXXXX|
   .500  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   .700  +XXXXXXXXXXXXXXXXXXXXXXXXX|
  1.000  +XXXXXX|
  1.500  +X|
         +---------+---------+---------+---------+---------+---------+
         .00            20.00            40.00            60.00
              10.00            30.00            50.00
       Each increment (each X or | plotted) =      1.000 %
```

Au ppm-G

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.002	4	3.10	4	3.1	2.3	126	97.7	2.3
2	.007	1	.78	5	3.9	1.6	127	98.4	1.6
3	.700	1	.78	6	4.7	.8	128	99.2	.8
4	2.000	1	.78	7	5.4	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	112	10	0	7	129	129
Percentages	.0	86.8	7.8	.0	5.4		

```
                            Percent of Values
         .00             2.00             4.00             6.00
               1.00             3.00             5.00
         +---------+---------+---------+---------+---------+---------+
.002000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
.003000  +
.005000  +
.007000  +XXXXXXX|
.010000  +
.015000  +
.020000  +
.030000  +
   .050  +
   .070  +
   .100  +
   .150  +
   .200  +
   .300  +
   .500  +
   .700  +XXXXXXX|
  1.000  +
  1.500  +
  2.000  +XXXXXXX|
         +---------+---------+---------+---------+---------+---------+
         .00             2.00             4.00             6.00
               1.00             3.00             5.00
       Each increment (each X or | plotted) =       .100 %
```

Ag ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.050	7	5.43	7	5.4	31.0	89	69.0	31.0
2	.070	10	7.75	17	13.2	23.3	99	76.7	23.3
3	.100	5	3.88	22	17.1	19.4	104	80.6	19.4
4	.150	5	3.88	27	20.9	15.5	109	84.5	15.5
5	.200	11	8.53	38	29.5	7.0	120	93.0	7.0
6	.300	3	2.33	41	31.8	4.7	123	95.3	4.7
7	.500	2	1.55	43	33.3	3.1	125	96.9	3.1
8	.700	2	1.55	45	34.9	1.6	127	98.4	1.6
9	2.000	1	.78	46	35.7	.8	128	99.2	.8
10	3.000	1	.78	47	36.4	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	82	0	0	47	129	129
Percentages	.0	63.6	.0	.0	36.4		

```
                            Percent of Values
         .00            10.00            20.00            30.00
               5.00            15.00            25.00
         +---------+---------+---------+---------+---------+---------+
   .050  +XXXXXXXXXX|
   .070  +XXXXXXXXXXXXXXX|
   .100  +XXXXXXX|
   .150  +XXXXXXX|
   .200  +XXXXXXXXXXXXXXXX|
   .300  +XXXX|
   .500  +XX|
   .700  +XX|
  1.000  +
  1.500  +
  2.000  +X|
  3.000  +X|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00            20.00            30.00
               5.00            15.00            25.00
       Each increment (each X or | plotted) =       .500 %
```

As ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.700	1	.78	1	.8	85.3	19	14.7	85.3
2	1.000	2	1.55	3	2.3	83.7	21	16.3	83.7
3	1.500	6	4.65	9	7.0	79.1	27	20.9	79.1
4	2.000	8	6.20	17	13.2	72.9	35	27.1	72.9
5	3.000	11	8.53	28	21.7	64.3	46	35.7	64.3
6	5.000	15	11.63	43	33.3	52.7	61	47.3	52.7
7	7.000	16	12.40	59	45.7	40.3	77	59.7	40.3
8	10.000	24	18.60	83	64.3	21.7	101	78.3	21.7
9	15.000	19	14.73	102	79.1	7.0	120	93.0	7.0
10	20.000	3	2.33	105	81.4	4.7	123	95.3	4.7
11	30.000	5	3.88	110	85.3	.8	128	99.2	.8
12	50.000	1	.78	111	86.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	18	0	0	111	129	129
Percentages	.0	14.0	.0	.0	86.0		

```
                            Percent of Values
         .00            10.00            20.00            30.00
               5.00            15.00            25.00
         +---------+---------+---------+---------+---------+---------+
   .700  +X|
  1.000  +XX|
  1.500  +XXXXXXXX|
  2.000  +XXXXXXXXXXX|
  3.000  +XXXXXXXXXXXXXXXX|
  5.000  +XXXXXXXXXXXXXXXXXXXXXX|
  7.000  +XXXXXXXXXXXXXXXXXXXXXXXX|
 10.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 15.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 20.000  +XXXX|
 30.000  +XXXXXXX|
 50.000  +X|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00            20.00            30.00
               5.00            15.00            25.00
       Each increment (each X or | plotted) =       .500 %
```

Appendix 1.--Histograms for stream-sediment samples...(continued).

Au ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.300	1	.78	1	.8	.8	128	99.2	.8
2	7.000	1	.78	2	1.6	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	127	0	0	2	129	129
Percentages	.0	98.4	.0	.0	1.6		

Percent of Values

```
          .00              2.00              4.00              6.00
                 1.00              3.00              5.00
          +---------+---------+---------+---------+---------+---------+
    .300 +XXXXXXX|
    .500 +
    .700 +
   1.000 +
   1.500 +
   2.000 +
   3.000 +
   5.000 +
   7.000 +XXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              2.00              4.00              6.00
                 1.00              3.00              5.00
        Each increment (each X or | plotted) =       .100 %
```

Bi ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.700	2	1.55	2	1.6	5.4	122	94.6	5.4
2	1.500	2	1.55	4	3.1	3.9	124	96.1	3.9
3	2.000	2	1.55	6	4.7	2.3	126	97.7	2.3
4	3.000	3	2.33	9	7.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	120	0	0	9	129	129
Percentages	.0	93.0	.0	.0	7.0		

Percent of Values

```
          .00              2.00              4.00              6.00
                 1.00              3.00              5.00
          +---------+---------+---------+---------+---------+---------+
    .700 +XXXXXXXXXXXXXXX|
   1.000 +
   1.500 +XXXXXXXXXXXXXXX|
   2.000 +XXXXXXXXXXXXXXX|
   3.000 +XXXXXXXXXXXXXXXXXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              2.00              4.00              6.00
                 1.00              3.00              5.00
        Each increment (each X or | plotted) =       .100 %
```

Cd ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.030	3	2.33	3	2.3	94.6	7	5.4	94.6
2	.050	4	3.10	7	5.4	91.5	11	8.5	91.5
3	.070	8	6.20	15	11.6	85.3	19	14.7	85.3
4	.100	4	3.10	19	14.7	82.2	23	17.8	82.2
5	.150	19	14.73	38	29.5	67.4	42	32.6	67.4
6	.200	12	9.30	50	38.8	58.1	54	41.9	58.1
7	.300	39	30.23	89	69.0	27.9	93	72.1	27.9
8	.500	14	10.85	103	79.8	17.1	107	82.9	17.1
9	.700	11	8.53	114	88.4	8.5	118	91.5	8.5
10	1.000	8	6.20	122	94.6	2.3	126	97.7	2.3
11	2.000	3	2.33	125	96.9	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	4	0	0	125	129	129
Percentages	.0	3.1	.0	.0	96.9		

Percent of Values

```
          .00              20.00             40.00             60.00
                 10.00             30.00             50.00
          +---------+---------+---------+---------+---------+---------+
  .030000 +X|
    .050 +XX|
    .070 +XXXXX|
    .100 +XX|
    .150 +XXXXXXXXXXXXXX|
    .200 +XXXXXXXX|
    .300 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
    .500 +XXXXXXXXXX|
    .700 +XXXXXXXX|
   1.000 +XXXXX|
   1.500 +
   2.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00              20.00             40.00             60.00
                 10.00             30.00             50.00
        Each increment (each X or | plotted) =      1.000 %
```

Cu ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.500	2	1.55	2	1.6	98.4	2	1.6	98.4
2	1.000	2	1.55	4	3.1	96.9	4	3.1	96.9
3	1.500	6	4.65	10	7.8	92.2	10	7.8	92.2
4	2.000	1	.78	11	8.5	91.5	11	8.5	91.5
5	3.000	1	.78	12	9.3	90.7	12	9.3	90.7
6	5.000	1	.78	13	10.1	89.9	13	10.1	89.9
7	7.000	8	6.20	21	16.3	83.7	21	16.3	83.7
8	10.000	24	18.60	45	34.9	65.1	45	34.9	65.1
9	15.000	48	37.21	93	72.1	27.9	93	72.1	27.9
10	20.000	32	24.81	125	96.9	3.1	125	96.9	3.1
11	30.000	4	3.10	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

Percent of Values

```
          .00              20.00             40.00             60.00
                 10.00             30.00             50.00
          +---------+---------+---------+---------+---------+---------+
    .500 +X|
    .700 +
   1.000 +X|
   1.500 +XXXX|
   2.000 +|
   3.000 +|
   5.000 +|
   7.000 +XXXXX|
  10.000 +XXXXXXXXXXXXXXXXXX|
  15.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  20.000 +XXXXXXXXXXXXXXXXXXXXXXXX|
  30.000 +XX|
          +---------+---------+---------+---------+---------+---------+
          .00              20.00             40.00             60.00
                 10.00             30.00             50.00
        Each increment (each X or | plotted) =      1.000 %
```

Mo ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.150	4	3.10	4	3.1	96.9	4	3.1	96.9
2	.200	4	3.10	8	6.2	93.8	8	6.2	93.8
3	.300	10	7.75	18	14.0	86.0	18	14.0	86.0
4	.500	16	12.40	34	26.4	73.6	34	26.4	73.6
5	.700	34	26.36	68	52.7	47.3	68	52.7	47.3
6	1.000	30	23.26	98	76.0	24.0	98	76.0	24.0
7	1.500	6	4.65	104	80.6	19.4	104	80.6	19.4
8	2.000	6	4.65	110	85.3	14.7	110	85.3	14.7
9	3.000	13	10.08	123	95.3	4.7	123	95.3	4.7
10	5.000	5	3.88	128	99.2	.8	128	99.2	.8
11	7.000	1	.78	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

Percent of Values

```
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
          +---------+---------+---------+---------+---------+---------+
    .150 +XXXXX|
    .200 +XXXXX|
    .300 +XXXXXXXXXXXXXXX|
    .500 +XXXXXXXXXXXXXXXXXXXXXXXX|
    .700 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   1.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   1.500 +XXXXXXXX|
   2.000 +XXXXXXXX|
   3.000 +XXXXXXXXXXXXXXXXXXX|
   5.000 +XXXXXXX|
   7.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
        Each increment (each X or | plotted) =       .500 %
```

Pb ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	7.000	2	1.55	2	1.6	98.4	2	1.6	98.4
2	10.000	7	5.43	9	7.0	93.0	9	7.0	93.0
3	15.000	25	19.38	34	26.4	73.6	34	26.4	73.6
4	20.000	61	47.29	95	73.6	26.4	95	73.6	26.4
5	30.000	27	20.93	122	94.6	5.4	122	94.6	5.4
6	50.000	2	1.55	124	96.1	3.9	124	96.1	3.9
7	70.000	2	1.55	126	97.7	2.3	126	97.7	2.3
8	100.000	3	2.33	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

Percent of Values

```
          .00              20.00             40.00             60.00
                 10.00             30.00             50.00
          +---------+---------+---------+---------+---------+---------+
    7.000 +X|
   10.000 +XXXX|
   15.000 +XXXXXXXXXXXXXXXXXX|
   20.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   30.000 +XXXXXXXXXXXXXXXXXXXX|
   50.000 +X|
   70.000 +X|
  100.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00              20.00             40.00             60.00
                 10.00             30.00             50.00
        Each increment (each X or | plotted) =      1.000 %
```

Appendix 1.--Histograms for stream-sediment samples...(continued).

Sb ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.700	9	6.98	9	7.0	62.8	48	37.2	62.8
2	1.000	24	18.60	33	25.6	44.2	72	55.8	44.2
3	1.500	26	20.16	59	45.7	24.0	98	76.0	24.0
4	2.000	19	14.73	78	60.5	9.3	117	90.7	9.3
5	3.000	8	6.20	86	66.7	3.1	125	96.9	3.1
6	5.000	1	.78	87	67.4	2.3	126	97.7	2.3
7	7.000	2	1.55	89	69.0	.8	128	99.2	.8
8	15.000	1	.78	90	69.8	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	39	0	0	90	129	129
Percentages	.0	30.2	.0	.0	69.8		

```
                         Percent of Values
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
        +---------+---------+---------+---------+---------+---------+
   .700 +XXXXXXXXXXXXX|
  1.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  1.500 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  2.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  3.000 +XXXXXXXXXXX|
  5.000 +X|
  7.000 +XX|
 10.000 +
 15.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
       Each increment (each X or | plotted) =        .500 %
```

Zn ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	15.000	3	2.33	3	2.3	97.7	3	2.3	97.7
2	20.000	10	7.75	13	10.1	89.9	13	10.1	89.9
3	30.000	22	17.05	35	27.1	72.9	35	27.1	72.9
4	50.000	52	40.31	87	67.4	32.6	87	67.4	32.6
5	70.000	21	16.28	108	83.7	16.3	108	83.7	16.3
6	100.000	15	11.63	123	95.3	4.7	123	95.3	4.7
7	150.000	3	2.33	126	97.7	2.3	126	97.7	2.3
8	200.000	3	2.33	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

```
                         Percent of Values
        .00                20.00                40.00                60.00
                10.00                30.00                50.00
        +---------+---------+---------+---------+---------+---------+
 15.000 +X|
 20.000 +XXXXXXX|
 30.000 +XXXXXXXXXXXXXXXX|
 50.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 70.000 +XXXXXXXXXXXXXXX|
100.000 +XXXXXXXXXXX|
150.000 +X|
200.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00                20.00                40.00                60.00
                10.00                30.00                50.00
       Each increment (each X or | plotted) =       1.000 %
```

F pct-E

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.010	12	9.30	12	9.3	83.7	14	10.9	89.1
2	.020	26	20.16	38	29.5	63.6	40	31.0	69.0
3	.030	28	21.71	66	51.2	41.9	68	52.7	47.3
4	.050	30	23.26	96	74.4	18.6	98	76.0	24.0
5	.070	17	13.18	113	87.6	5.4	115	89.1	10.9
6	.100	5	3.88	118	91.5	1.6	120	93.0	7.0
7	.150	2	1.55	120	93.0	.0	122	94.6	5.4

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	7	0	2	0	120	129	129
Percentages	5.4	.0	1.6	.0	93.0		

```
                         Percent of Values
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
        +---------+---------+---------+---------+---------+---------+
.010000 +XXXXXXXXXXXXXXXXXX|
.015000 +
.020000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
.030000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   .050 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   .070 +XXXXXXXXXXXXXXXXXXXXXXXXX|
   .100 +XXXXXXX|
   .150 +XX|
        +---------+---------+---------+---------+---------+---------+
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
       Each increment (each X or | plotted) =        .500 %
```

Ca pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.050	2	1.55	2	1.6	86.0	2	1.6	98.4
2	.150	1	.78	3	2.3	85.3	3	2.3	97.7
3	.200	6	4.65	9	7.0	80.6	9	7.0	93.0
4	.300	4	3.10	13	10.1	77.5	13	10.1	89.9
5	.500	5	3.88	18	14.0	73.6	18	14.0	86.0
6	.700	10	7.75	28	21.7	65.9	28	21.7	78.3
7	1.000	6	4.65	34	26.4	61.2	34	26.4	73.6
8	1.500	4	3.10	38	29.5	58.1	38	29.5	70.5
9	2.000	4	3.10	42	32.6	55.0	42	32.6	67.4
10	3.000	4	3.10	46	35.7	51.9	46	35.7	64.3
11	5.000	8	6.20	54	41.9	45.7	54	41.9	58.1
12	7.000	9	6.98	63	48.8	38.8	63	48.8	51.2
13	10.000	15	11.63	78	60.5	27.1	78	60.5	39.5
14	15.000	12	9.30	90	69.8	17.8	90	69.8	30.2
15	20.000	23	17.83	113	87.6	.0	113	87.6	12.4

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	16	113	129	129
Percentages	.0	.0	.0	12.4	87.6		

```
                         Percent of Values
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
        +---------+---------+---------+---------+---------+---------+
   .050 +XX|
   .070 +
   .100 +
   .150 +X|
   .200 +XXXXXXXX|
   .300 +XXXXX|
   .500 +XXXXXXX|
   .700 +XXXXXXXXXXXXXXX|
  1.000 +XXXXXXXX|
  1.500 +XXXXX|
  2.000 +XXXXX|
  3.000 +XXXXX|
  5.000 +XXXXXXXXXXX|
  7.000 +XXXXXXXXXXXXX|
 10.000 +XXXXXXXXXXXXXXXXXXXXXX|
 15.000 +XXXXXXXXXXXXXXXXXX|
 20.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
        +---------+---------+---------+---------+---------+---------+
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
       Each increment (each X or | plotted) =        .500 %
```

Fe pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	1.500	9	6.98	9	7.0	93.0	9	7.0	93.0
2	2.000	32	24.81	41	31.8	68.2	41	31.8	68.2
3	3.000	34	26.36	75	58.1	41.9	75	58.1	41.9
4	5.000	34	26.36	109	84.5	15.5	109	84.5	15.5
5	7.000	13	10.08	122	94.6	5.4	122	94.6	5.4
6	10.000	6	4.65	128	99.2	.8	128	99.2	.8
7	20.000	1	.78	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

```
                         Percent of Values
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
        +---------+---------+---------+---------+---------+---------+
  1.500 +XXXXXXXXXXXXX|
  2.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  3.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  5.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  7.000 +XXXXXXXXXXXXXXXXXXX|
 10.000 +XXXXXXXX|
 15.000 +
 20.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
       Each increment (each X or | plotted) =        .500 %
```

Mg pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.150	1	.78	1	.8	98.4	1	.8	99.2
2	.200	1	.78	2	1.6	97.7	2	1.6	98.4
3	.300	9	6.98	11	8.5	90.7	11	8.5	91.5
4	.500	8	6.20	19	14.7	84.5	19	14.7	85.3
5	.700	7	5.43	26	20.2	79.1	26	20.2	79.8
6	1.000	15	11.63	41	31.8	67.4	41	31.8	68.2
7	1.500	13	10.08	54	41.9	57.4	54	41.9	58.1
8	2.000	21	16.28	75	58.1	41.1	75	58.1	41.9
9	3.000	21	16.28	96	74.4	24.8	96	74.4	25.6
10	5.000	15	11.63	111	86.0	13.2	111	86.0	14.0
11	7.000	11	8.53	122	94.6	4.7	122	94.6	5.4
12	10.000	6	4.65	128	99.2	.0	128	99.2	.8

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	1	128	129	129
Percentages	.0	.0	.0	.8	99.2		

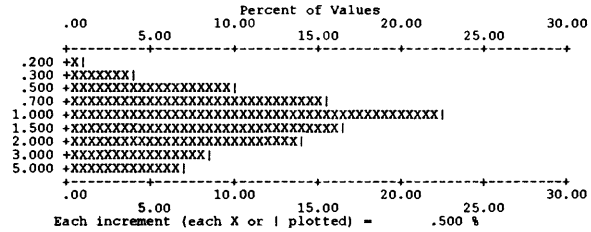
```
                         Percent of Values
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
        +---------+---------+---------+---------+---------+---------+
   .150 +X|
   .200 +X|
   .300 +XXXXXXXXXXXXX|
   .500 +XXXXXXXXXXX|
   .700 +XXXXXXXXXX|
  1.000 +XXXXXXXXXXXXXXXXXXXXXX|
  1.500 +XXXXXXXXXXXXXXXXXXX|
  2.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  3.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  5.000 +XXXXXXXXXXXXXXXXXXXXXX|
  7.000 +XXXXXXXXXXXXXXXX|
 10.000 +XXXXXXXX|
        +---------+---------+---------+---------+---------+---------+
        .00                10.00                20.00                30.00
                 5.00                15.00                25.00
       Each increment (each X or | plotted) =        .500 %
```

Appendix 1.--Histograms for stream-sediment samples...(continued).

Na pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.200	1	.78	1	.8 97.7	1	.8 99.2
2	.300	5	3.88	6	4.7 93.8	6	4.7 95.3
3	.500	13	10.08	19	14.7 83.7	19	14.7 85.3
4	.700	20	15.50	39	30.2 68.2	39	30.2 69.8
5	1.000	29	22.48	68	52.7 45.7	68	52.7 47.3
6	1.500	21	16.28	89	69.0 29.5	89	69.0 31.0
7	2.000	18	13.95	107	82.9 15.5	107	82.9 17.1
8	3.000	11	8.53	118	91.5 7.0	118	91.5 8.5
9	5.000	9	6.98	127	98.4 .0	127	98.4 1.6

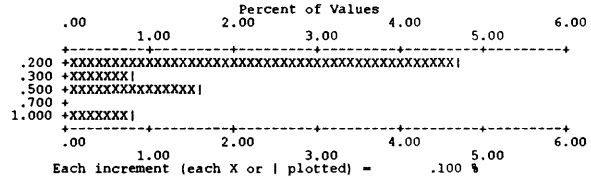
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	2	127	129	129
Percentages	.0	.0	.0	1.6	98.4		



P pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.200	6	4.65	6	4.7 3.1	125	96.9 3.1
2	.300	1	.78	7	5.4 2.3	126	97.7 2.3
3	.500	2	1.55	9	7.0 .8	128	99.2 .8
4	1.000	1	.78	10	7.8 .0	129	100.0 .0

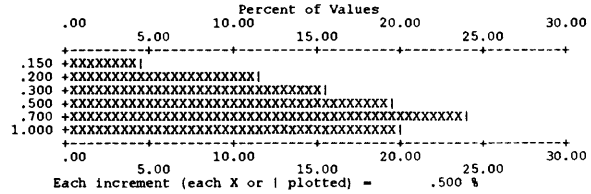
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	112	7	0	10	129	129
Percentages	.0	86.8	5.4	.0	7.8		



Ti pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.150	6	4.65	6	4.7 90.7	6	4.7 95.3
2	.200	15	11.63	21	16.3 79.1	21	16.3 83.7
3	.300	20	15.50	41	31.8 63.6	41	31.8 68.2
4	.500	25	19.38	66	51.2 44.2	66	51.2 48.8
5	.700	31	24.03	97	75.2 20.2	97	75.2 24.8
6	1.000	26	20.16	123	95.3 .0	123	95.3 4.7

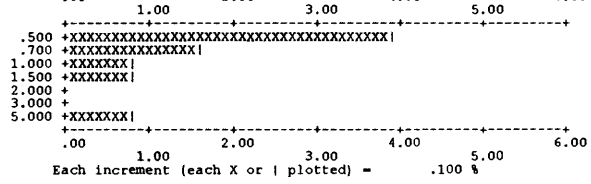
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	6	123	129	129
Percentages	.0	.0	.0	4.7	95.3		



Ag ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.500	5	3.88	5	3.9 3.9	124	96.1 3.9
2	.700	2	1.55	7	5.4 2.3	126	97.7 2.3
3	1.000	1	.78	8	6.2 1.6	127	98.4 1.6
4	1.500	1	.78	9	7.0 .8	128	99.2 .8
5	5.000	1	.78	10	7.8 .0	129	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	106	13	0	10	129	129
Percentages	.0	82.2	10.1	.0	7.8		



B ppm-S

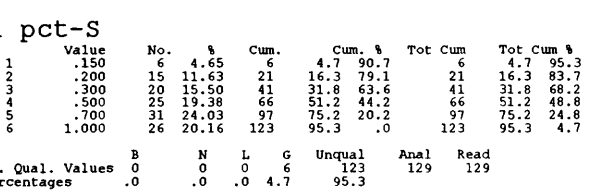
	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	13	10.08	13	10.1 77.5	29	22.5 77.5
2	15.000	7	5.43	20	15.5 72.1	36	27.9 72.1
3	20.000	15	11.63	35	27.1 60.5	51	39.5 60.5
4	30.000	14	10.85	49	38.0 49.6	65	50.4 49.6
5	50.000	27	20.93	76	58.9 28.7	92	71.3 28.7
6	70.000	12	9.30	88	68.2 19.4	104	80.6 19.4
7	100.000	6	4.65	94	72.9 14.7	110	85.3 14.7
8	150.000	5	3.88	99	76.7 10.9	115	89.1 10.9
9	200.000	5	3.88	104	80.6 7.0	120	93.0 7.0
10	300.000	5	3.88	109	84.5 3.1	125	96.9 3.1
11	500.000	3	2.33	112	86.8 .8	128	99.2 .8
12	700.000	1	.78	113	87.6 .0	129	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	2	14	0	113	129	129
Percentages	.0	1.6	10.9	.0	87.6		

Ba ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	150.000	1	.78	1	.8 99.2	1	.8 99.2
2	200.000	10	7.75	11	8.5 91.5	11	8.5 91.5
3	300.000	22	17.05	33	25.6 74.4	33	25.6 74.4
4	500.000	39	30.23	72	55.8 44.2	72	55.8 44.2
5	700.000	33	25.58	105	81.4 18.6	105	81.4 18.6
6	1000.000	19	14.73	124	96.1 3.9	124	96.1 3.9
7	1500.000	4	3.10	128	99.2 .8	128	99.2 .8
8	2000.000	1	.78	129	100.0 .0	129	100.0 .0

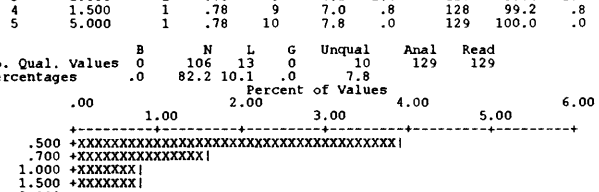
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		



Be ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	1.000	30	23.26	30	23.3 53.5	58	45.0 55.0
2	1.500	26	20.16	56	43.4 33.3	84	65.1 34.9
3	2.000	15	11.63	71	55.0 21.7	99	76.7 23.3
4	3.000	9	6.98	80	62.0 14.7	108	83.7 16.3
5	5.000	8	6.20	88	68.2 8.5	116	89.9 10.1
6	7.000	4	3.10	92	71.3 5.4	120	93.0 7.0
7	10.000	7	5.43	99	76.7 .0	127	98.4 1.6

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	2	4	24	0	99	129	129
Percentages	1.6	3.1	18.6	.0	76.7		



Appendix 1.--Histograms for stream-sediment samples...(continued).

Bi ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	15.000	1	.78	1	.8	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	128	0	0	1	129	129
Percentages	.0	99.2	.0	.0	.8		

```
                      Percent of Values
         .00            2.00            4.00            6.00
                 1.00            3.00            5.00
         +---------+---------+---------+---------+---------+---------+
 15.000  +XXXXXXX|
         +---------+---------+---------+---------+---------+---------+
         .00            2.00            4.00            6.00
                 1.00            3.00            5.00
        Each increment (each X or | plotted) =      .100 %
```

Co ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	28	21.71	28	21.7	14.0	111	86.0	14.0
2	15.000	15	11.63	43	33.3	2.3	126	97.7	2.3
3	20.000	3	2.33	46	35.7	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	20	63	0	46	129	129
Percentages	.0	15.5	48.8	.0	35.7		

```
                      Percent of Values
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
         +---------+---------+---------+---------+---------+---------+
 10.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 15.000  +XXXXXXXXXXXXXXXXXXXXXX|
 20.000  +XXXX|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
        Each increment (each X or | plotted) =      .500 %
```

Cr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	9	6.98	9	7.0	87.6	16	12.4	87.6
2	15.000	22	17.05	31	24.0	70.5	38	29.5	70.5
3	20.000	29	22.48	60	46.5	48.1	67	51.9	48.1
4	30.000	24	18.60	84	65.1	29.5	91	70.5	29.5
5	50.000	8	6.20	92	71.3	23.3	99	76.7	23.3
6	70.000	7	5.43	99	76.7	17.8	106	82.2	17.8
7	100.000	1	.78	100	77.5	17.1	107	82.9	17.1
8	150.000	4	3.10	104	80.6	14.0	111	86.0	14.0
9	200.000	10	7.75	114	88.4	6.2	121	93.8	6.2
10	300.000	4	3.10	118	91.5	3.1	125	96.9	3.1
11	500.000	4	3.10	122	94.6	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	4	3	0	122	129	129
Percentages	.0	3.1	2.3	.0	94.6		

```
                      Percent of Values
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
         +---------+---------+---------+---------+---------+---------+
 10.000  +XXXXXXXXXXXXX|
 15.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 20.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 30.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 50.000  +XXXXXXXXXXX|
 70.000  +XXXXXXXXXX|
100.000  +X|S

150.000  +XXXXX|
200.000  +XXXXXXXXXXXXXXX|
300.000  +XXXXX|
500.000  +XXXXX|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
        Each increment (each X or | plotted) =      .500 %
```

Cu ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	5	3.88	5	3.9	86.8	17	13.2	86.8
2	7.000	17	13.18	22	17.1	73.6	34	26.4	73.6
3	10.000	18	13.95	40	31.0	59.7	52	40.3	59.7
4	15.000	24	18.60	64	49.6	41.1	76	58.9	41.1
5	20.000	24	18.60	88	68.2	22.5	100	77.5	22.5
6	30.000	18	13.95	106	82.2	8.5	118	91.5	8.5
7	50.000	9	6.98	115	89.1	1.6	127	98.4	1.6
8	70.000	2	1.55	117	90.7	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	6	6	0	117	129	129
Percentages	.0	4.7	4.7	.0	90.7		

```
                      Percent of Values
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
         +---------+---------+---------+---------+---------+---------+
  5.000  +XXXXXXX|
  7.000  +XXXXXXXXXXXXXXXXXXXXXXXXX|
 10.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
 15.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 20.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 30.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
 50.000  +XXXXXXXXXXXXX|
 70.000  +XX|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
        Each increment (each X or | plotted) =      .500 %
```

Ga ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	3	2.33	3	2.3	97.7	3	2.3	97.7
2	15.000	6	4.65	9	7.0	93.0	9	7.0	93.0
3	20.000	17	13.18	26	20.2	79.8	26	20.2	79.8
4	30.000	29	22.48	55	42.6	57.4	55	42.6	57.4
5	50.000	41	31.78	96	74.4	25.6	96	74.4	25.6
6	70.000	21	16.28	117	90.7	9.3	117	90.7	9.3
7	100.000	10	7.75	127	98.4	1.6	127	98.4	1.6
8	150.000	2	1.55	129	100.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

```
                      Percent of Values
         .00            20.00           40.00           60.00
                 10.00           30.00           50.00
         +---------+---------+---------+---------+---------+---------+
 10.000  +X|
 15.000  +XXXX|
 20.000  +XXXXXXXXXXXX|
 30.000  +XXXXXXXXXXXXXXXXXXXXX|
 50.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 70.000  +XXXXXXXXXXXXXXX|
100.000  +XXXXXXX|
150.000  +X|
         +---------+---------+---------+---------+---------+---------+
         .00            20.00           40.00           60.00
                 10.00           30.00           50.00
        Each increment (each X or | plotted) =     1.000 %
```

La ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	24	18.60	24	18.6	23.3	99	76.7	23.3
2	70.000	12	9.30	36	27.9	14.0	111	86.0	14.0
3	100.000	3	2.33	39	30.2	11.6	114	88.4	11.6
4	150.000	3	2.33	42	32.6	9.3	117	90.7	9.3
5	200.000	5	3.88	47	36.4	5.4	122	94.6	5.4
6	300.000	3	2.33	50	38.8	3.1	125	96.9	3.1
7	500.000	2	1.55	52	40.3	1.6	127	98.4	1.6
8	700.000	1	.78	53	41.1	.8	128	99.2	.8
9	1000.000	1	.78	54	41.9	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	34	41	0	54	129	129
Percentages	.0	26.4	31.8	.0	41.9		

```
                      Percent of Values
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
         +---------+---------+---------+---------+---------+---------+
 50.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 70.000  +XXXXXXXXXXXXXXXXXX|
100.000  +XXXX|
150.000  +XXXX|
200.000  +XXXXXXX|
300.000  +XXXX|
500.000  +XX|
700.000  +X|
1000.000 +X|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
        Each increment (each X or | plotted) =      .500 %
```

Mn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	150.000	1	.78	1	.8	98.4	1	.8	99.2
2	200.000	10	7.75	11	8.5	90.7	11	8.5	91.5
3	300.000	18	13.95	29	22.5	76.7	29	22.5	77.5
4	500.000	34	26.36	63	48.8	50.4	63	48.8	51.2
5	700.000	27	20.93	90	69.8	29.5	90	69.8	30.2
6	1000.000	28	21.71	118	91.5	7.8	118	91.5	8.5
7	1500.000	8	6.20	126	97.7	1.6	126	97.7	2.3
8	5000.000	2	1.55	128	99.2	.0	128	99.2	.8

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	1	128	129	129
Percentages	.0	.0	.0	.8	99.2		

```
                      Percent of Values
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
         +---------+---------+---------+---------+---------+---------+
 150.000 +X|
 200.000 +XXXXXXXXXXXXXXX|
 300.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
 500.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 700.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
1000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
1500.000 +XXXXXXXXXXX|
2000.000 +
3000.000 +
5000.000 +XX|
         +---------+---------+---------+---------+---------+---------+
         .00            10.00           20.00           30.00
                 5.00            15.00           25.00
        Each increment (each X or | plotted) =      .500 %
```

Appendix 1.--Histograms for stream-sediment samples...(continued).

Mo ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	8	6.20	8	6.2	.8	128	99.2	.8
2	7.000	1	.78	9	7.0	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	103	17	0	9	129	129
Percentages	.0	79.8	13.2	.0	7.0		

```
                        Percent of Values
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
          +---------+---------+---------+---------+---------+---------+
   5.000  +XXXXXXXXXXX|
   7.000  +X|
          +---------+---------+---------+---------+---------+---------+
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
        Each increment (each X or | plotted) =       .500 %
```

Nb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	4	3.10	4	3.1	8.5	118	91.5	8.5
2	30.000	2	1.55	6	4.7	7.0	120	93.0	7.0
3	50.000	2	1.55	8	6.2	5.4	122	94.6	5.4
4	100.000	3	2.33	11	8.5	3.1	125	96.9	3.1
5	150.000	2	1.55	13	10.1	1.6	127	98.4	1.6
6	200.000	2	1.55	15	11.6	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	90	24	0	15	129	129
Percentages	.0	69.8	18.6	.0	11.6		

```
                        Percent of Values
          .00                 2.00                4.00                6.00
                    1.00                3.00                5.00
          +---------+---------+---------+---------+---------+---------+
  20.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  30.000  +XXXXXXXXXXXXXXX|
  50.000  +XXXXXXXXXXXXXXX|
  70.000  +
 100.000  +XXXXXXXXXXXXXXXXXXXXXX|
 150.000  +XXXXXXXXXXXXXXX|
 200.000  +XXXXXXXXXXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00                 2.00                4.00                6.00
                    1.00                3.00                5.00
        Each increment (each X or | plotted) =       .100 %
```

Ni ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	7	5.43	7	5.4	84.5	20	15.5	84.5
2	7.000	18	13.95	25	19.4	70.5	38	29.5	70.5
3	10.000	25	19.38	50	38.8	51.2	63	48.8	51.2
4	15.000	29	22.48	79	61.2	28.7	92	71.3	28.7
5	20.000	6	4.65	85	65.9	24.0	98	76.0	24.0
6	30.000	9	6.98	94	72.9	17.1	107	82.9	17.1
7	50.000	3	2.33	97	75.2	14.7	110	85.3	14.7
8	70.000	9	6.98	106	82.2	7.8	119	92.2	7.8
9	100.000	6	4.65	112	86.8	3.1	125	96.9	3.1
10	150.000	1	.78	113	87.6	2.3	126	97.7	2.3
11	200.000	2	1.55	115	89.1	.8	128	99.2	.8
12	300.000	1	.78	116	89.9	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	8	5	0	116	129	129
Percentages	.0	6.2	3.9	.0	89.9		

```
                        Percent of Values
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
          +---------+---------+---------+---------+---------+---------+
   5.000  +XXXXXXXXXX|
   7.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
  10.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  15.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  20.000  +XXXXXXXX|
  30.000  +XXXXXXXXXXXXX|
  50.000  +XXXX|
  70.000  +XXXXXXXXXXXXX|
 100.000  +XXXXXXXX|
 150.000  +X|
 200.000  +XX|
 300.000  +X|
          +---------+---------+---------+---------+---------+---------+
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
        Each increment (each X or | plotted) =       .500 %
```

Pb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	33	25.58	33	25.6	64.3	46	35.7	64.3
2	15.000	32	24.81	65	50.4	39.5	78	60.5	39.5
3	20.000	25	19.38	90	69.8	20.2	103	79.8	20.2
4	30.000	16	12.40	106	82.2	7.8	119	92.2	7.8
5	50.000	7	5.43	113	87.6	2.3	126	97.7	2.3
6	70.000	2	1.55	115	89.1	.8	128	99.2	.8
7	150.000	1	.78	116	89.9	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	3	10	0	116	129	129
Percentages	.0	2.3	7.8	.0	89.9		

```
                        Percent of Values
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
          +---------+---------+---------+---------+---------+---------+
  10.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  15.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  20.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  30.000  +XXXXXXXXXXXXXXXXXXXXXXXX|
  50.000  +XXXXXXXXXX|
  70.000  +XX|
 100.000  +
 150.000  +X|
          +---------+---------+---------+---------+---------+---------+
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
        Each increment (each X or | plotted) =       .500 %
```

Sc ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	34	26.36	34	26.4	34.9	84	65.1	34.9
2	7.000	26	20.16	60	46.5	14.7	110	85.3	14.7
3	10.000	14	10.85	74	57.4	3.9	124	96.1	3.9
4	15.000	3	2.33	77	59.7	1.6	127	98.4	1.6
5	20.000	2	1.55	79	61.2	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	15	35	0	79	129	129
Percentages	.0	11.6	27.1	.0	61.2		

```
                        Percent of Values
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
          +---------+---------+---------+---------+---------+---------+
   5.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   7.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  10.000  +XXXXXXXXXXXXXXXXXXXXX|
  15.000  +XXXX|
  20.000  +XX|
          +---------+---------+---------+---------+---------+---------+
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
        Each increment (each X or | plotted) =       .500 %
```

Sn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	15.000	1	.78	1	.8	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	127	1	0	1	129	129
Percentages	.0	98.4	.8	.0	.8		

```
                        Percent of Values
          .00                 2.00                4.00                6.00
                    1.00                3.00                5.00
          +---------+---------+---------+---------+---------+---------+
  15.000  +XXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00                 2.00                4.00                6.00
                    1.00                3.00                5.00
        Each increment (each X or | plotted) =       .100 %
```

Sr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	100.000	24	18.60	24	18.6	7.0	120	93.0	7.0
2	150.000	5	3.88	29	22.5	3.1	125	96.9	3.1
3	200.000	3	2.33	32	24.8	.8	128	99.2	.8
4	300.000	1	.78	33	25.6	.0	129	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	49	47	0	33	129	129
Percentages	.0	38.0	36.4	.0	25.6		

```
                        Percent of Values
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
          +---------+---------+---------+---------+---------+---------+
 100.000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 150.000  +XXXXXXX|
 200.000  +XXXX|
 300.000  +X|
          +---------+---------+---------+---------+---------+---------+
          .00                10.00               20.00               30.00
                    5.00               15.00               25.00
        Each increment (each X or | plotted) =       .500 %
```

Appendix 1.--Histograms for stream-sediment samples...(continued).

Th ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	100.000	2	1.55	2	1.6 2.3	126	97.7 2.3
2	150.000	3	2.33	5	3.9 .0	129	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	121	3	0	5	129	129
Percentages	.0	93.8	2.3	.0	3.9		

Percent of Values

```
          .00              2.00              4.00              6.00
                 1.00              3.00              5.00
          +---------+---------+---------+---------+---------+---------+
  100.000 +XXXXXXXXXXXXXXX|
  150.000 +XXXXXXXXXXXXXXXXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              2.00              4.00              6.00
                 1.00              3.00              5.00
        Each increment (each X or | plotted) =       .100 %
```

V ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	1	.78	1	.8 99.2	1	.8 99.2
2	15.000	3	2.33	4	3.1 96.9	4	3.1 96.9
3	20.000	12	9.30	16	12.4 87.6	16	12.4 87.6
4	30.000	26	20.16	42	32.6 67.4	42	32.6 67.4
5	50.000	31	24.03	73	56.6 43.4	73	56.6 43.4
6	70.000	19	14.73	92	71.3 28.7	92	71.3 28.7
7	100.000	17	13.18	109	84.5 15.5	109	84.5 15.5
8	150.000	8	6.20	117	90.7 9.3	117	90.7 9.3
9	200.000	7	5.43	124	96.1 3.9	124	96.1 3.9
10	300.000	1	.78	125	96.9 3.1	125	96.9 3.1
11	500.000	4	3.10	129	100.0 .0	129	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	129	129	129
Percentages	.0	.0	.0	.0	100.0		

Percent of Values

```
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
          +---------+---------+---------+---------+---------+---------+
   10.000 +X|
   15.000 +XXXX|
   20.000 +XXXXXXXXXXXXXXXXXX|
   30.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   50.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   70.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  100.000 +XXXXXXXXXXXXXXXXXXXXXXXX|
  150.000 +XXXXXXXXXXX|
  200.000 +XXXXXXXXXX|
  300.000 +X|
  500.000 +XXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
        Each increment (each X or | plotted) =       .500 %
```

Y ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	28	21.71	28	21.7 49.6	65	50.4 49.6
2	15.000	23	17.83	51	39.5 31.8	88	68.2 31.8
3	20.000	20	15.50	71	55.0 16.3	108	83.7 16.3
4	30.000	9	6.98	80	62.0 9.3	117	90.7 9.3
5	50.000	7	5.43	87	67.4 3.9	124	96.1 3.9
6	70.000	3	2.33	90	69.8 1.6	127	98.4 1.6
7	200.000	1	.78	91	70.5 .8	128	99.2 .8
8	300.000	1	.78	92	71.3 .0	129	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	10	27	0	92	129	129
Percentages	.0	7.8	20.9	.0	71.3		

Percent of Values

```
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
          +---------+---------+---------+---------+---------+---------+
   10.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   15.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   20.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   30.000 +XXXXXXXXXXXXXX|
   50.000 +XXXXXXXXXX|
   70.000 +XXXX|
  100.000 +
  150.000 +
  200.000 +X|
  300.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
        Each increment (each X or | plotted) =       .500 %
```

Zr ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	20.000	2	1.55	2	1.6 96.9	2	1.6 98.4
2	30.000	2	1.55	4	3.1 95.3	4	3.1 96.9
3	50.000	5	3.88	9	7.0 91.5	9	7.0 93.0
4	70.000	15	11.63	24	18.6 79.8	24	18.6 81.4
5	100.000	28	21.71	52	40.3 58.1	52	40.3 59.7
6	150.000	22	17.05	74	57.4 41.1	74	57.4 42.6
7	200.000	22	17.05	96	74.4 24.0	96	74.4 25.6
8	300.000	18	13.95	114	88.4 10.1	114	88.4 11.6
9	500.000	10	7.75	124	96.1 2.3	124	96.1 3.9
10	700.000	2	1.55	126	97.7 .8	126	97.7 2.3
11	1000.000	1	.78	127	98.4 .0	127	98.4 1.6

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	2	127	129	129
Percentages	.0	.0	.0	1.6	98.4		

Percent of Values

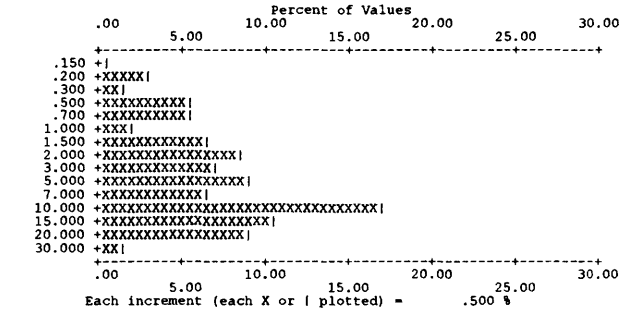
```
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
          +---------+---------+---------+---------+---------+---------+
   20.000 +XX|
   30.000 +XX|
   50.000 +XXXXXXX|
   70.000 +XXXXXXXXXXXXXXXXXXXXXXX|
  100.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  150.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  200.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  300.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  500.000 +XXXXXXXXXXXXXXX|
  700.000 +XX|
 1000.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00             20.00             30.00
                 5.00              15.00             25.00
        Each increment (each X or | plotted) =       .500 %
```

Appendix 2. Histograms for heavy-mineral-concentrate samples collected from the Goshute Indian Reservation, NV and UT. [Histograms are not shown for the following elements, for which all concentrations were qualified as not detected or less than the lower limit of determination: Cd-S, Ge-S, Pd-S, and Pt-S. See beginning of Appendices section for explanation of letter codes used]

Ca pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	.150	1	.71	1	.7	93.6	9	6.4	93.6
2	.200	4	2.84	5	3.5	90.8	13	9.2	90.8
3	.300	2	1.42	7	5.0	89.4	15	10.6	89.4
4	.500	8	5.67	15	10.6	83.7	23	16.3	83.7
5	.700	8	5.67	23	16.3	78.0	31	22.0	78.0
6	1.000	3	2.13	26	18.4	75.9	34	24.1	75.9
7	1.500	9	6.38	35	24.8	69.5	43	30.5	69.5
8	2.000	12	8.51	47	33.3	61.0	55	39.0	61.0
9	3.000	10	7.09	57	40.4	53.9	65	46.1	53.9
10	5.000	13	9.22	70	49.6	44.7	78	55.3	44.7
11	7.000	9	6.38	79	56.0	38.3	87	61.7	38.3
12	10.000	24	17.02	103	73.0	21.3	111	78.7	21.3
13	15.000	15	10.64	118	83.7	10.6	126	89.4	10.6
14	20.000	13	9.22	131	92.9	1.4	139	98.6	1.4
15	30.000	2	1.42	133	94.3	.0	141	100.0	.0

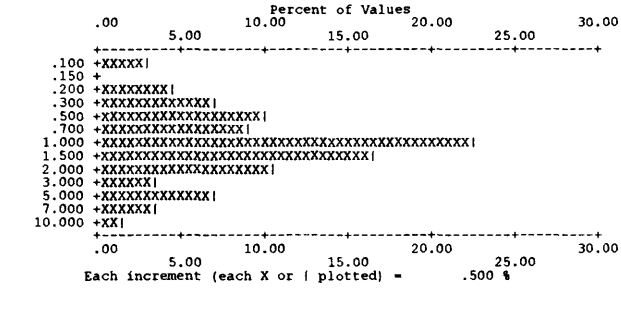
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	6	2	0	133	141	141
Percentages	.0	4.3	1.4	.0	94.3		



Fe pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	.100	4	2.84	4	2.8	95.7	6	4.3	95.7
2	.200	6	4.26	10	7.1	91.5	12	8.5	91.5
3	.300	10	7.09	20	14.2	84.4	22	15.6	84.4
4	.500	14	9.93	34	24.1	74.5	36	25.5	74.5
5	.700	13	9.22	47	33.3	65.2	49	34.8	65.2
6	1.000	32	22.70	79	56.0	42.6	81	57.4	42.6
7	1.500	23	16.31	102	72.3	26.2	104	73.8	26.2
8	2.000	15	10.64	117	83.0	15.6	119	84.4	15.6
9	3.000	5	3.55	122	86.5	12.1	124	87.9	12.1
10	5.000	10	7.09	132	93.6	5.0	134	95.0	5.0
11	7.000	5	3.55	137	97.2	1.4	139	98.6	1.4
12	10.000	2	1.42	139	98.6	.0	141	100.0	.0

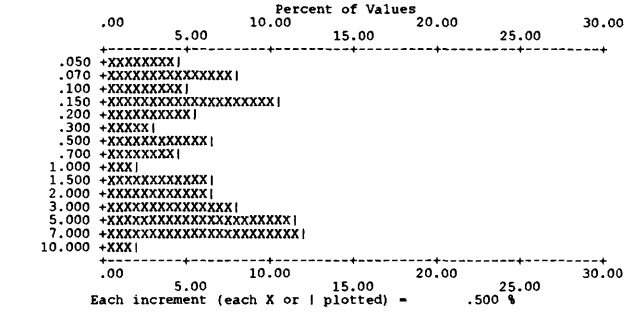
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	1	1	0	139	141	141
Percentages	.0	.7	.7	.0	98.6		



Mg pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	.050	6	4.26	6	4.3	90.8	13	9.2	90.8
2	.070	11	7.80	17	12.1	83.0	24	17.0	83.0
3	.100	7	4.96	24	17.0	78.0	31	22.0	78.0
4	.150	15	10.64	39	27.7	67.4	46	32.6	67.4
5	.200	8	5.67	47	33.3	61.7	54	38.3	61.7
6	.300	4	2.84	51	36.2	58.9	58	41.1	58.9
7	.500	9	6.38	60	42.6	52.5	67	47.5	52.5
8	.700	6	4.26	66	46.8	48.2	73	51.8	48.2
9	1.000	3	2.13	69	48.9	46.1	76	53.9	46.1
10	1.500	9	6.38	78	55.3	39.7	85	60.3	39.7
11	2.000	9	6.38	87	61.7	33.3	94	66.7	33.3
12	3.000	11	7.80	98	69.5	25.5	105	74.5	25.5
13	5.000	16	11.35	114	80.9	14.2	121	85.8	14.2
14	7.000	17	12.06	131	92.9	2.1	138	97.9	2.1
15	10.000	3	2.13	134	95.0	.0	141	100.0	.0

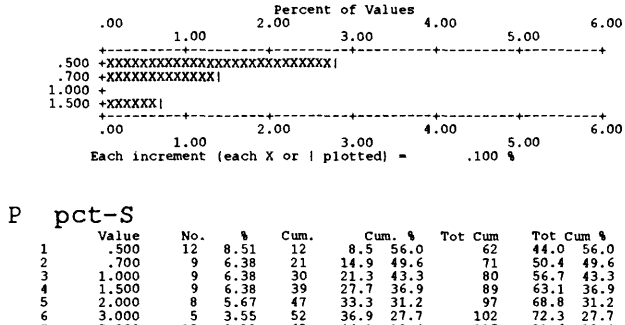
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	2	5	0	134	141	141
Percentages	.0	1.4	3.5	.0	95.0		



Na pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	.500	4	2.84	4	2.8	2.1	138	97.9	2.1
2	.700	2	1.42	6	4.3	.7	140	99.3	.7
3	1.500	1	.71	7	5.0	.0	141	100.0	.0

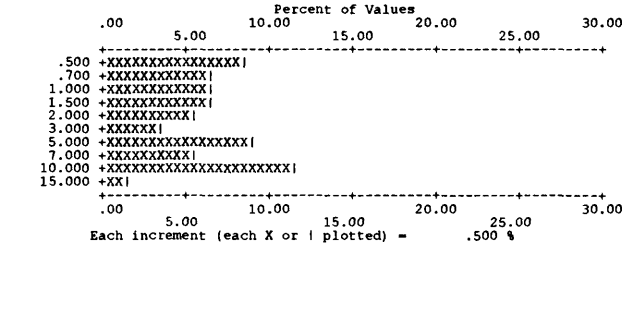
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	124	10	0	7	141	141
Percentages	.0	87.9	7.1	.0	5.0		



P pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	.500	12	8.51	12	8.5	56.0	62	44.0	56.0
2	.700	9	6.38	21	14.9	49.6	71	50.4	49.6
3	1.000	9	6.38	30	21.3	43.3	80	56.7	43.3
4	1.500	9	6.38	39	27.7	36.9	89	63.1	36.9
5	2.000	8	5.67	47	33.3	31.2	97	68.8	31.2
6	3.000	5	3.55	52	36.9	27.7	102	72.3	27.7
7	5.000	13	9.22	65	46.1	18.4	115	81.6	18.4
8	7.000	8	5.67	73	51.8	12.8	123	87.2	12.8
9	10.000	16	11.35	89	63.1	1.4	139	98.6	1.4
10	15.000	2	1.42	91	64.5	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	31	19	0	91	141	141
Percentages	.0	22.0	13.5	.0	64.5		

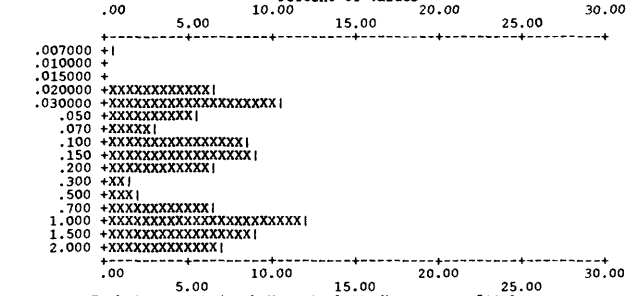


Appendix 2.--Histograms for concentrate samples...(continued).

Ti pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	.007	1	.71	1	.7 87.9	1	.7	99.3
2	.020	9	6.38	10	7.1 81.6	10	7.1	92.9
3	.030	15	10.64	25	17.7 70.9	25	17.7	82.3
4	.050	8	5.67	33	23.4 65.2	33	23.4	76.6
5	.070	4	2.84	37	26.2 62.4	37	26.2	73.8
6	.100	12	8.51	49	34.8 53.9	49	34.8	65.2
7	.150	13	9.22	62	44.0 44.7	62	44.0	56.0
8	.200	9	6.38	71	50.4 38.3	71	50.4	49.6
9	.300	2	1.42	73	51.8 36.9	73	51.8	48.2
10	.500	3	2.13	76	53.9 34.8	76	53.9	46.1
11	.700	9	6.38	85	60.3 28.4	85	60.3	39.7
12	1.000	17	12.06	102	72.3 16.3	102	72.3	27.7
13	1.500	13	9.22	115	81.6 7.1	115	81.6	18.4
14	2.000	10	7.09	125	88.7 .0	125	88.7	11.3

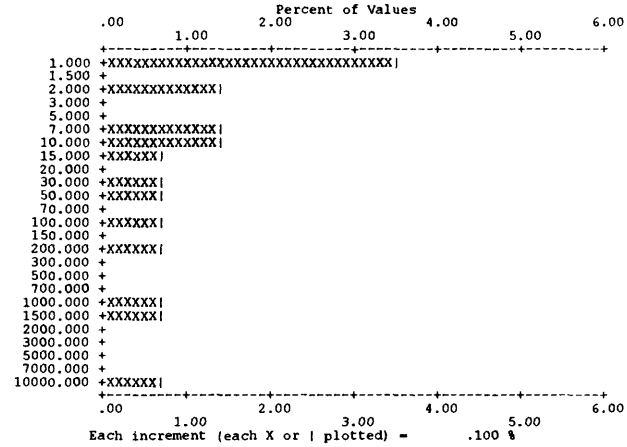
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	16	125	141	141
Percentages	.0	.0	.0	11.3	88.7		



Ag ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	1.000	5	3.55	5	3.5 9.9	127	90.1	9.9
2	2.000	2	1.42	7	5.0 8.5	129	91.5	8.5
3	7.000	2	1.42	9	6.4 7.1	131	92.9	7.1
4	10.000	2	1.42	11	7.8 5.7	133	94.3	5.7
5	15.000	1	.71	12	8.5 5.0	134	95.0	5.0
6	30.000	1	.71	13	9.2 4.3	135	95.7	4.3
7	50.000	1	.71	14	9.9 3.5	136	96.5	3.5
8	100.000	1	.71	15	10.6 2.8	137	97.2	2.8
9	200.000	1	.71	16	11.3 2.1	138	97.9	2.1
10	1000.000	1	.71	17	12.1 1.4	139	98.6	1.4
11	1500.000	1	.71	18	12.8 .7	140	99.3	.7
12	10000.000	1	.71	19	13.5 .0	141	100.0	.0

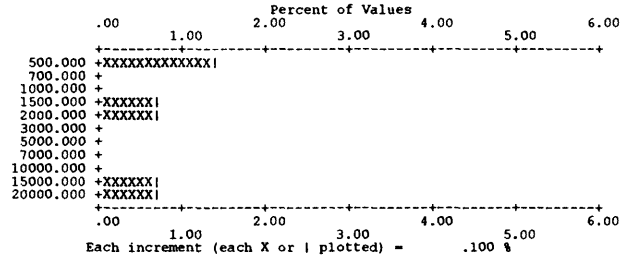
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	112	10	0	19	141	141
Percentages	.0	79.4	7.1	.0	13.5		



As ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	500.000	2	1.42	2	1.4 2.8	137	97.2	2.8
2	1500.000	1	.71	3	2.1 2.1	138	97.9	2.1
3	2000.000	1	.71	4	2.8 1.4	139	98.6	1.4
4	15000.000	1	.71	5	3.5 .7	140	99.3	.7
5	20000.000	1	.71	6	4.3 .0	141	100.0	.0

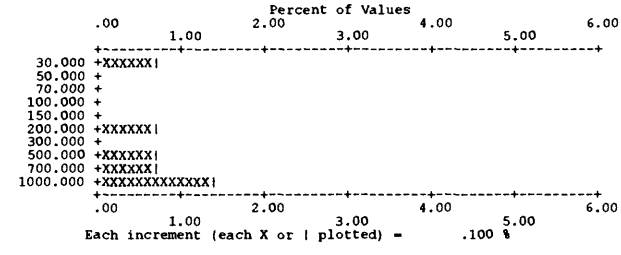
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	134	1	0	6	141	141
Percentages	.0	95.0	.7	.0	4.3		



Au ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	30.000	1	.71	1	.7 3.5	135	95.7	4.3
2	200.000	1	.71	2	1.4 2.8	136	96.5	3.5
3	500.000	1	.71	3	2.1 2.1	137	97.2	2.8
4	700.000	1	.71	4	2.8 1.4	138	97.9	2.1
5	1000.000	2	1.42	6	4.3 .0	140	99.3	.7

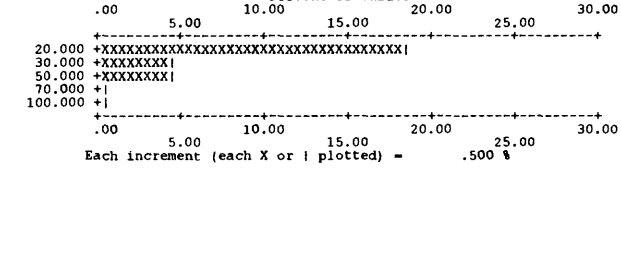
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	132	2	1	6	141	141
Percentages	.0	93.6	1.4	.7	4.3		



B ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %	
1	20.000	26	18.44	26	18.4 9.9	127	90.1	9.9
2	30.000	6	4.26	32	22.7 5.7	133	94.3	5.7
3	50.000	6	4.26	38	27.0 1.4	139	98.6	1.4
4	70.000	1	.71	39	27.7 .7	140	99.3	.7
5	100.000	1	.71	40	28.4 .0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	64	37	0	40	141	141
Percentages	.0	45.4	26.2	.0	28.4		

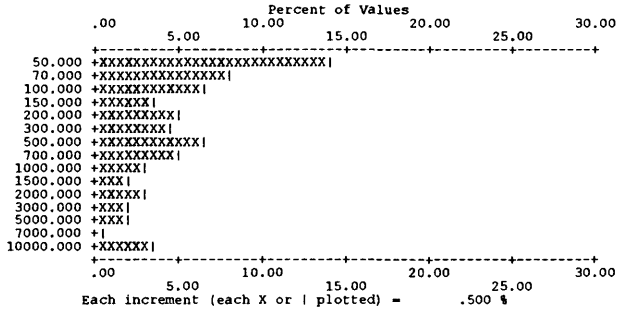


Appendix 2.--Histograms for concentrate samples...(continued).

Ba ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	20	14.18	20	14.2	54.6	43	30.5	69.5
2	70.000	11	7.80	31	22.0	46.8	54	38.3	61.7
3	100.000	9	6.38	40	28.4	40.4	63	44.7	55.3
4	150.000	5	3.55	45	31.9	36.9	68	48.2	51.8
5	200.000	7	4.96	52	36.9	31.9	75	53.2	46.8
6	300.000	6	4.26	58	41.1	27.7	81	57.4	42.6
7	500.000	9	6.38	67	47.5	21.3	90	63.8	36.2
8	700.000	7	4.96	74	52.5	16.3	97	68.8	31.2
9	1000.000	4	2.84	78	55.3	13.5	101	71.6	28.4
10	1500.000	3	2.13	81	57.4	11.3	104	73.8	26.2
11	2000.000	4	2.84	85	60.3	8.5	108	76.6	23.4
12	3000.000	3	2.13	88	62.4	6.4	111	78.7	21.3
13	5000.000	3	2.13	91	64.5	4.3	114	80.9	19.1
14	7000.000	1	.71	92	65.2	3.5	115	81.6	18.4
15	10000.000	5	3.55	97	68.8	.0	120	85.1	14.9

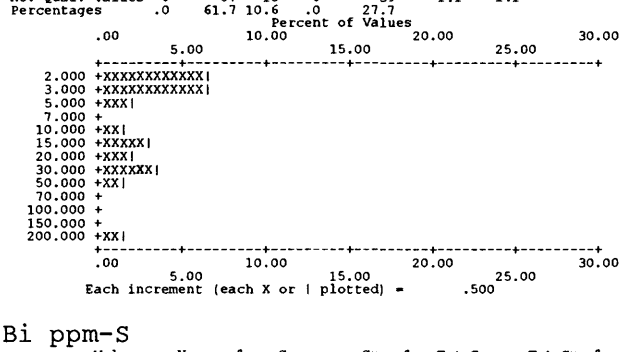
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	7	16	21	97	141	141
Percentages	.0	5.0	11.3	14.9	68.8		



Be ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	2.000	9	6.38	9	6.4	21.3	111	78.7	21.3
2	3.000	9	6.38	18	12.8	14.9	120	85.1	14.9
3	5.000	3	2.13	21	14.9	12.8	123	87.2	12.8
4	10.000	2	1.42	23	16.3	11.3	125	88.7	11.3
5	15.000	4	2.84	27	19.1	8.5	129	91.5	8.5
6	20.000	3	2.13	30	21.3	6.4	132	93.6	6.4
7	30.000	5	3.55	35	24.8	2.8	137	97.2	2.8
8	50.000	2	1.42	37	26.2	1.4	139	98.6	1.4
9	200.000	2	1.42	39	27.7	.0	141	100.0	.0

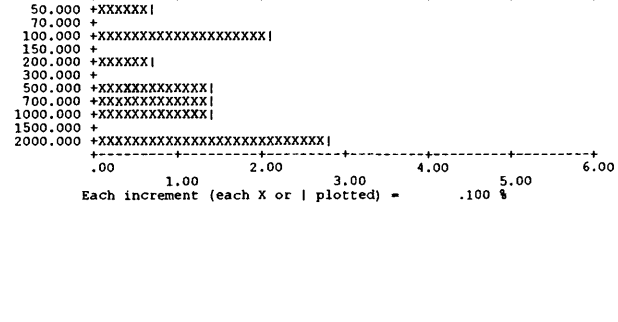
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	87	15	0	39	141	141
Percentages	.0	61.7	10.6	.0	27.7		



Bi ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	1	.71	1	.7	9.9	123	87.2	12.8
2	100.000	3	2.13	4	2.8	7.8	126	89.4	10.6
3	200.000	1	.71	5	3.5	7.1	127	90.1	9.9
4	500.000	2	1.42	7	5.0	5.7	129	91.5	8.5
5	700.000	2	1.42	9	6.4	4.3	131	92.9	7.1
6	1000.000	2	1.42	11	7.8	2.8	133	94.3	5.7
7	2000.000	4	2.84	15	10.6	.0	137	97.2	2.8

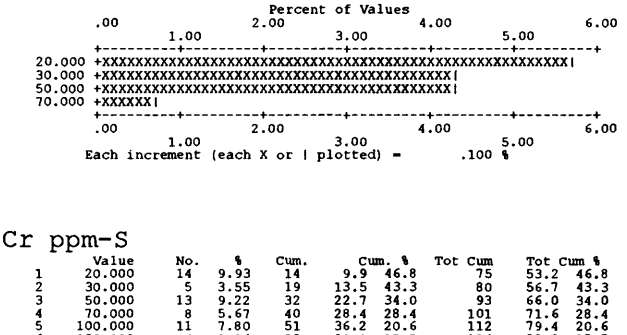
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	120	2	4	15	141	141
Percentages	.0	85.1	1.4	2.8	10.6		



Co ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	8	5.67	8	5.7	9.2	128	90.8	9.2
2	30.000	6	4.26	14	9.9	5.0	134	95.0	5.0
3	50.000	6	4.26	20	14.2	.7	140	99.3	.7
4	70.000	1	.71	21	14.9	.0	141	100.0	.0

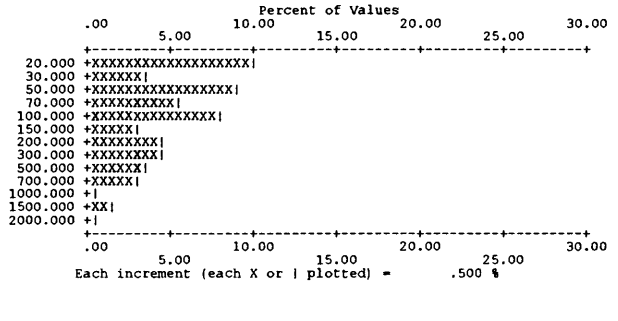
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	104	16	0	21	141	141
Percentages	.0	73.8	11.3	.0	14.9		



Cr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	14	9.93	14	9.9	46.8	75	53.2	46.8
2	30.000	5	3.55	19	13.5	43.3	80	56.7	43.3
3	50.000	13	9.22	32	22.7	34.0	93	66.0	34.0
4	70.000	8	5.67	40	28.4	28.4	101	71.6	28.4
5	100.000	11	7.80	51	36.2	20.6	112	79.4	20.6
6	150.000	4	2.84	55	39.0	17.7	116	82.3	17.7
7	200.000	6	4.26	61	43.3	13.5	122	86.5	13.5
8	300.000	6	4.26	67	47.5	9.2	128	90.8	9.2
9	500.000	5	3.55	72	51.1	5.7	133	94.3	5.7
10	700.000	4	2.84	76	53.9	2.8	137	97.2	2.8
11	1000.000	1	.71	77	54.6	2.1	138	97.9	2.1
12	1500.000	2	1.42	79	56.0	.7	140	99.3	.7
13	2000.000	1	.71	80	56.7	.0	141	100.0	.0

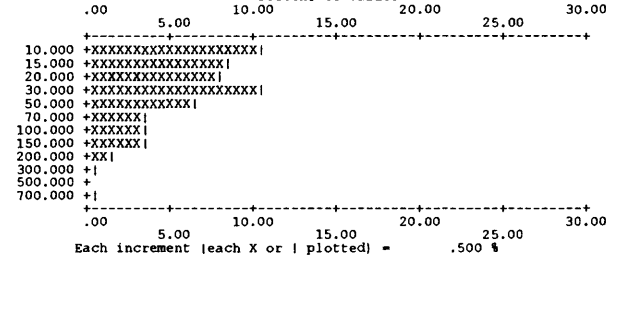
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	43	18	0	80	141	141
Percentages	.0	30.5	12.8	.0	56.7		



Cu ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	15	10.64	15	10.6	46.8	75	53.2	46.8
2	15.000	12	8.51	27	19.1	38.3	87	61.7	38.3
3	20.000	11	7.80	38	27.0	30.5	98	69.5	30.5
4	30.000	15	10.64	53	37.6	19.9	113	80.1	19.9
5	50.000	9	6.38	62	44.0	13.5	122	86.5	13.5
6	70.000	5	3.55	67	47.5	9.9	127	90.1	9.9
7	100.000	5	3.55	72	51.1	6.4	132	93.6	6.4
8	150.000	5	3.55	77	54.6	2.8	137	97.2	2.8
9	200.000	2	1.42	79	56.0	1.4	139	98.6	1.4
10	300.000	1	.71	80	56.7	.7	140	99.3	.7
11	700.000	1	.71	81	57.4	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	35	25	0	81	141	141
Percentages	.0	24.8	17.7	.0	57.4		



Appendix 2.--Histograms for concentrate samples...(continued).

Ga ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	8	5.67	8	5.7	18.4	115	81.6	18.4
2	15.000	10	7.09	18	12.8	11.3	125	88.7	11.3
3	20.000	6	4.26	24	17.0	7.1	131	92.9	7.1
4	30.000	4	2.84	28	19.9	4.3	135	95.7	4.3
5	50.000	5	3.55	33	23.4	.7	140	99.3	.7
6	70.000	1	.71	34	24.1	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	87	20	0	34	141	141
Percentages	.0	61.7	14.2	.0	24.1		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+
 10.000 +XXXXXXXXXX|
 15.000 +XXXXXXXXXXXXX|
 20.000 +XXXXXXXX|
 30.000 +XXXXX|
 50.000 +XXXXXX|
 70.000 +|
          +---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

La ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	100.000	14	9.93	14	9.9	49.6	60	42.6	57.4
2	150.000	13	9.22	27	19.1	40.4	73	51.8	48.2
3	200.000	15	10.64	42	29.8	29.8	88	62.4	37.6
4	300.000	17	12.06	59	41.8	17.7	105	74.5	25.5
5	500.000	11	7.80	70	49.6	9.9	116	82.3	17.7
6	700.000	7	4.96	77	54.6	5.0	123	87.2	12.8
7	1000.000	2	1.42	79	56.0	3.5	125	88.7	11.3
8	1500.000	1	.71	80	56.7	2.8	126	89.4	10.6
9	2000.000	4	2.84	84	59.6	.0	130	92.2	7.8

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	34	12	11	84	141	141
Percentages	.0	24.1	8.5	7.8	59.6		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+
100.000 +XXXXXXXXXXXXXXXXXX|
150.000 +XXXXXXXXXXXXXXXXX|
200.000 +XXXXXXXXXXXXXXXXXXX|
300.000 +XXXXXXXXXXXXXXXXXXXXX|
500.000 +XXXXXXXXXXXXXX|
700.000 +XXXXXXXXX|
1000.000 +XX|
1500.000 +|
2000.000 +XXXXX|
          +---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Mn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	10	7.09	10	7.1	90.1	14	9.9	90.1
2	30.000	16	11.35	26	18.4	78.7	30	21.3	78.7
3	50.000	22	15.60	48	34.0	63.1	52	36.9	63.1
4	70.000	23	16.31	71	50.4	46.8	75	53.2	46.8
5	100.000	13	9.22	84	59.6	37.6	88	62.4	37.6
6	150.000	12	8.51	96	68.1	29.1	100	70.9	29.1
7	200.000	6	4.26	102	72.3	24.8	106	75.2	24.8
8	300.000	11	7.80	113	80.1	17.0	117	83.0	17.0
9	500.000	14	9.93	127	90.1	7.1	131	92.9	7.1
10	700.000	6	4.26	133	94.3	2.8	137	97.2	2.8
11	1000.000	4	2.84	137	97.2	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	4	0	137	141	141
Percentages	.0	.0	2.8	.0	97.2		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+
 20.000 +XXXXXXXXXXXXX|
 30.000 +XXXXXXXXXXXXXXXXXXXXX|
 50.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 70.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
100.000 +XXXXXXXXXXXXXXXXX|
150.000 +XXXXXXXXXXXXXXXX|
200.000 +XXXXXXXXX|
300.000 +XXXXXXXXXXXXXXX|
500.000 +XXXXXXXXXXXXXXXXXXX|
700.000 +XXXXXXXXX|
1000.000 +XXXXX|
          +---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Mo ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	2	1.42	2	1.4	6.4	132	93.6	6.4
2	15.000	1	.71	3	2.1	5.7	133	94.3	5.7
3	20.000	3	2.13	6	4.3	3.5	136	96.5	3.5
4	30.000	1	.71	7	5.0	2.8	137	97.2	2.8
5	50.000	1	.71	8	5.7	2.1	138	97.9	2.1
6	100.000	1	.71	9	6.4	1.4	139	98.6	1.4
7	200.000	1	.71	10	7.1	.7	140	99.3	.7
8	300.000	1	.71	11	7.8	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	127	3	0	11	141	141
Percentages	.0	90.1	2.1	.0	7.8		

Percent of Values

```
          .00        2.00         4.00         6.00
                1.00         3.00         5.00
          +---------+---------+---------+---------+---------+
 10.000 +XXXXXXXXXXXXX|
 15.000 +XXXXXX|
 20.000 +XXXXXXXXXXXXXXXXXXXX|
 30.000 +XXXXXX|
 50.000 +XXXXXX|
 70.000 +
100.000 +XXXXXX|
150.000 +
200.000 +XXXXXX|
300.000 +XXXXXX|
          +---------+---------+---------+---------+---------+
          .00        2.00         4.00         6.00
                1.00         3.00         5.00
          Each increment (each X or | plotted) =       .100 %
```

Nb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	18	12.77	18	12.8	17.0	117	83.0	17.0
2	70.000	7	4.96	25	17.7	12.1	124	87.9	12.1
3	100.000	3	2.13	28	19.9	9.9	127	90.1	9.9
4	150.000	1	.71	29	20.6	9.2	128	90.8	9.2
5	200.000	3	2.13	32	22.7	7.1	131	92.9	7.1
6	300.000	3	2.13	35	24.8	5.0	134	95.0	5.0
7	500.000	2	1.42	37	26.2	3.5	136	96.5	3.5
8	700.000	1	.71	38	27.0	2.8	137	97.2	2.8
9	1000.000	1	.71	39	27.7	2.1	138	97.9	2.1
10	1500.000	2	1.42	41	29.1	.7	140	99.3	.7
11	2000.000	1	.71	42	29.8	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	77	22	0	42	141	141
Percentages	.0	54.6	15.6	.0	29.8		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+
 50.000 +XXXXXXXXXXXXXXXXXXXXXXXXX|
 70.000 +XXXXXXXXX|
100.000 +XXX|
150.000 +|
200.000 +XXX|
300.000 +XXX|
500.000 +XX|
700.000 +|
1000.000 +|
1500.000 +XX|
2000.000 +|
          +---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Ni ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	14	9.93	14	9.9	51.8	68	48.2	51.8
2	15.000	6	4.26	20	14.2	47.5	74	52.5	47.5
3	20.000	9	6.38	29	20.6	41.1	83	58.9	41.1
4	30.000	1	.71	30	21.3	40.4	84	59.6	40.4
5	50.000	3	2.13	33	23.4	38.3	87	61.7	38.3
6	70.000	4	2.84	37	26.2	35.5	91	64.5	35.5
7	100.000	1	.71	38	27.0	34.8	92	65.2	34.8
8	150.000	1	.71	39	27.7	34.0	93	66.0	34.0
9	200.000	9	6.38	48	34.0	27.7	102	72.3	27.7
10	300.000	14	9.93	62	44.0	17.7	116	82.3	17.7
11	500.000	16	11.35	78	55.3	6.4	132	93.6	6.4
12	700.000	7	4.96	85	60.3	1.4	139	98.6	1.4
13	1000.000	2	1.42	87	61.7	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	38	16	0	87	141	141
Percentages	.0	27.0	11.3	.0	61.7		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+
 10.000 +XXXXXXXXXXXXXXXXXX|
 15.000 +XXXXXXXX|
 20.000 +XXXXXXXXXXXX|
 30.000 +|
 50.000 +XXX|
 70.000 +XXXXX|
100.000 +|
150.000 +|
200.000 +XXXXXXXXXXX|
300.000 +XXXXXXXXXXXXXXXXXX|
500.000 +XXXXXXXXXXXXXXXXXXXXX|
700.000 +XXXXXXXXX|
1000.000 +XX|
          +---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Appendix 2.--Histograms for concentrate samples...(continued).

Pb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	9	6.38	9	6.4	38.3	84	59.6	40.4
2	30.000	8	5.67	17	12.1	32.6	92	65.2	34.8
3	50.000	10	7.09	27	19.1	25.5	102	72.3	27.7
4	70.000	3	2.13	30	21.3	23.4	105	74.5	25.5
5	100.000	3	2.13	33	23.4	21.3	108	76.6	23.4
6	150.000	3	2.13	36	25.5	19.1	111	78.7	21.3
7	200.000	3	2.13	39	27.7	17.0	114	80.9	19.1
8	300.000	3	2.13	42	29.8	14.9	117	83.0	17.0
9	500.000	7	4.96	49	34.8	9.9	124	87.9	12.1
10	700.000	4	2.84	53	37.6	7.1	128	90.8	9.2
11	1000.000	3	2.13	56	39.7	5.0	131	92.9	7.1
12	1500.000	1	.71	57	40.4	4.3	132	93.6	6.4
13	2000.000	5	3.55	62	44.0	.7	137	97.2	2.8
14	5000.000	1	.71	63	44.7	.0	138	97.9	2.1

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	50	25	3	63	141	141
Percentages	.0	35.5	17.7	2.1	44.7		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+---------+
   20.000 +XXXXXXXXXXXX|
   30.000 +XXXXXXXXXX|
   50.000 +XXXXXXXXXXXXX|
   70.000 +XXX|
  100.000 +XXX|
  150.000 +XXX|
  200.000 +XXX|
  300.000 +XXX|
  500.000 +XXXXXXXXX|
  700.000 +XXXXX|
 1000.000 +XXX|
 1500.000 +|
 2000.000 +XXXXXX|
 3000.000 +
 5000.000 +|
          +---------+---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Sb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	300.000	1	.71	1	.7	5.7	133	94.3	5.7
2	700.000	1	.71	2	1.4	5.0	134	95.0	5.0
3	1000.000	4	2.84	6	4.3	2.1	138	97.9	2.1
4	1500.000	2	1.42	8	5.7	.7	140	99.3	.7
5	3000.000	1	.71	9	6.4	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	127	5	0	9	141	141
Percentages	.0	90.1	3.5	.0	6.4		

Percent of Values

```
          .00                2.00                4.00                6.00
                    1.00                3.00                5.00
          +---------+---------+---------+---------+---------+---------+
  300.000 +XXXXXX|
  500.000 +
  700.000 +XXXXXX|
 1000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 1500.000 +XXXXXXXXXXXXX|
 2000.000 +
 3000.000 +XXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00                2.00                4.00                6.00
                    1.00                3.00                5.00
          Each increment (each X or | plotted) =       .100 %
```

Sc ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	8	5.67	8	5.7	19.9	111	78.7	21.3
2	15.000	9	6.38	17	12.1	13.5	120	85.1	14.9
3	20.000	9	6.38	26	18.4	7.1	129	91.5	8.5
4	30.000	3	2.13	29	20.6	5.0	132	93.6	6.4
5	50.000	5	3.55	34	24.1	1.4	137	97.2	2.8
6	150.000	2	1.42	36	25.5	.0	139	98.6	1.4

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	89	14	2	36	141	141
Percentages	.0	63.1	9.9	1.4	25.5		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+---------+
   10.000 +XXXXXXXXXX|
   15.000 +XXXXXXXXXXXX|
   20.000 +XXXXXXXXXXXX|
   30.000 +XXX|
   50.000 +XXXXXX|
   70.000 +
  100.000 +
  150.000 +XX|
          +---------+---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Sn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	3	2.13	3	2.1	18.4	115	81.6	18.4
2	30.000	1	.71	4	2.8	17.7	116	82.3	17.7
3	50.000	3	2.13	7	5.0	15.6	119	84.4	15.6
4	70.000	2	1.42	9	6.4	14.2	121	85.8	14.2
5	100.000	2	1.42	11	7.8	12.8	123	87.2	12.8
6	150.000	1	.71	12	8.5	12.1	124	87.9	12.1
7	200.000	4	2.84	16	11.3	9.2	128	90.8	9.2
8	300.000	3	2.13	19	13.5	7.1	131	92.9	7.1
9	500.000	2	1.42	21	14.9	5.7	133	94.3	5.7
10	700.000	2	1.42	23	16.3	4.3	135	95.7	4.3
11	1000.000	4	2.84	27	19.1	1.4	139	98.6	1.4
12	1500.000	2	1.42	29	20.6	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	108	4	0	29	141	141
Percentages	.0	76.6	2.8	.0	20.6		

Percent of Values

```
          .00                2.00                4.00                6.00
                    1.00                3.00                5.00
          +---------+---------+---------+---------+---------+---------+
   20.000 +XXXXXXXXXXXXXXXXXXX|
   30.000 +XXXXXX|
   50.000 +XXXXXXXXXXXXXXXXXXX|
   70.000 +XXXXXXXXXXXX|
  100.000 +XXXXXXXXXXXX|
  150.000 +XXXXXX|
  200.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
  300.000 +XXXXXXXXXXXXXXXXXXX|
  500.000 +XXXXXXXXXXXX|
  700.000 +XXXXXXXXXXXX|
 1000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXX|
 1500.000 +XXXXXXXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00                2.00                4.00                6.00
                    1.00                3.00                5.00
          Each increment (each X or | plotted) =       .100 %
```

Sr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	200.000	8	5.67	8	5.7	20.6	112	79.4	20.6
2	300.000	11	7.80	19	13.5	12.8	123	87.2	12.8
3	500.000	5	3.55	24	17.0	9.2	128	90.8	9.2
4	700.000	8	5.67	32	22.7	3.5	136	96.5	3.5
5	1000.000	5	3.55	37	26.2	.0	141	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	85	19	0	37	141	141
Percentages	.0	60.3	13.5	.0	26.2		

Percent of Values

```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+---------+
  200.000 +XXXXXXXXXX|
  300.000 +XXXXXXXXXXXXXXX|
  500.000 +XXXXXX|
  700.000 +XXXXXXXXXX|
 1000.000 +XXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted) =       .500 %
```

Th ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	200.000	3	2.13	3	2.1	19.1	110	78.0	22.0
2	300.000	3	2.13	6	4.3	17.0	113	80.1	19.9
3	500.000	3	2.13	9	6.4	14.9	116	82.3	17.7
4	700.000	2	1.42	11	7.8	13.5	118	83.7	16.3
5	1000.000	2	1.42	13	9.2	12.1	120	85.1	14.9
6	1500.000	9	6.38	22	15.6	5.7	129	91.5	8.5
7	2000.000	1	.71	23	16.3	5.0	130	92.2	7.8
8	3000.000	2	1.42	25	17.7	3.5	132	93.6	6.4
9	5000.000	5	3.55	30	21.3	.0	137	97.2	2.8

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	99	8	4	30	141	141
Percentages	.0	70.2	5.7	2.8	21.3		

Percent of Values

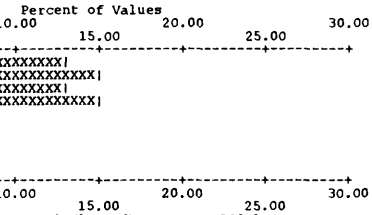
```
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          +---------+---------+---------+---------+---------+---------+
  200.000 +XXX|
  300.000 +XXX|
  500.000 +XXX|
  700.000 +XX|
 1000.000 +XX|
 1500.000 +XXXXXXXXXXXX|
 2000.000 +|
 3000.000 +XX|
 5000.000 +XXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00        10.00        20.00        30.00
                5.00         15.00        25.00
          Each increment (each X or | plotted| =       .500 %
```

Appendix 2.--Histograms for concentrate samples...(continued).

V ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	18	12.77	18	12.8	53.2	66	46.8	53.2
2	30.000	21	14.89	39	27.7	38.3	87	61.7	38.3
3	50.000	18	12.77	57	40.4	25.5	105	74.5	25.5
4	70.000	21	14.89	78	55.3	10.6	126	89.4	10.6
5	100.000	8	5.67	86	61.0	5.0	134	95.0	5.0
6	150.000	4	2.84	90	63.8	2.1	138	97.9	2.1
7	200.000	2	1.42	92	65.2	.7	140	99.3	.7
8	500.000	1	.71	93	66.0	.0	141	100.0	.0

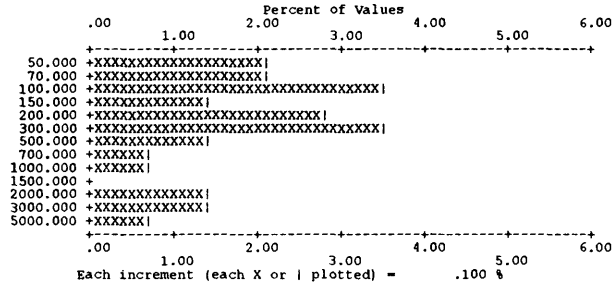
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	19	29	0	93	141	141
Percentages	.0	13.5	20.6	.0	66.0		



W ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	3	2.13	3	2.1	19.9	113	80.1	19.9
2	70.000	3	2.13	6	4.3	17.7	116	82.3	17.7
3	100.000	5	3.55	11	7.8	14.2	121	85.8	14.2
4	150.000	2	1.42	13	9.2	12.8	123	87.2	12.8
5	200.000	4	2.84	17	12.1	9.9	127	90.1	9.9
6	300.000	5	3.55	22	15.6	6.4	132	93.6	6.4
7	500.000	2	1.42	24	17.0	5.0	134	95.0	5.0
8	700.000	1	.71	25	17.7	4.3	135	95.7	4.3
9	1000.000	1	.71	26	18.4	3.5	136	96.5	3.5
10	2000.000	2	1.42	28	19.9	2.1	138	97.9	2.1
11	3000.000	2	1.42	30	21.3	.7	140	99.3	.7
12	5000.000	1	.71	31	22.0	.0	141	100.0	.0

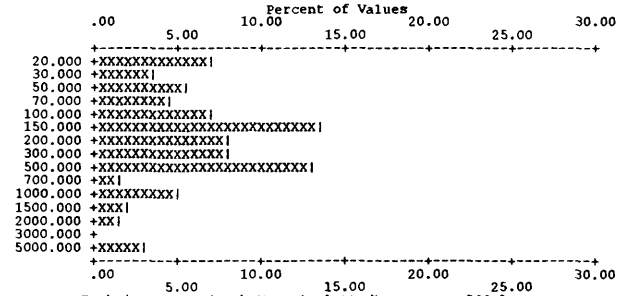
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	104	6	0	31	141	141
Percentages	.0	73.8	4.3	.0	22.0		



Y ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	10	7.09	10	7.1	75.2	35	24.8	75.2
2	30.000	5	3.55	15	10.6	71.6	40	28.4	71.6
3	50.000	8	5.67	23	16.3	66.0	48	34.0	66.0
4	70.000	6	4.26	29	20.6	61.7	54	38.3	61.7
5	100.000	10	7.09	39	27.7	54.6	64	45.4	54.6
6	150.000	19	13.48	58	41.1	41.1	83	58.9	41.1
7	200.000	11	7.80	69	48.9	33.3	94	66.7	33.3
8	300.000	11	7.80	80	56.7	25.5	105	74.5	25.5
9	500.000	18	12.77	98	69.5	12.8	123	87.2	12.8
10	700.000	2	1.42	100	70.9	11.3	125	88.7	11.3
11	1000.000	7	4.96	107	75.9	6.4	132	93.6	6.4
12	1500.000	3	2.13	110	78.0	4.3	135	95.7	4.3
13	2000.000	2	1.42	112	79.4	2.8	137	97.2	2.8
14	5000.000	4	2.84	116	82.3	.0	141	100.0	.0

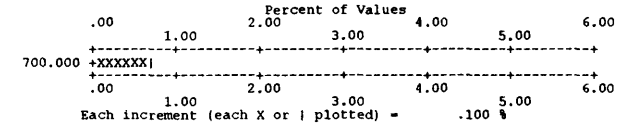
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	16	9	0	116	141	141
Percentages	.0	11.3	6.4	.0	82.3		



Zn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	700.000	1	.71	1	.7	.0	141	100.0	.0

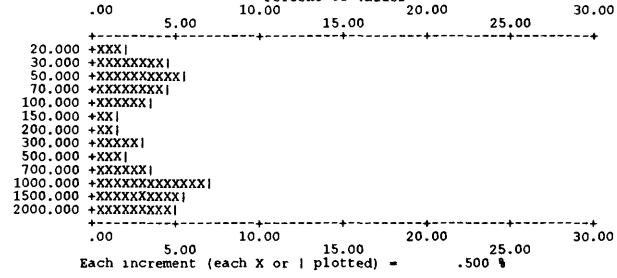
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	140	0	0	1	141	141
Percentages	.0	99.3	.0	.0	.7		



Zr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	3	2.13	3	2.1	46.8	6	4.3	95.7
2	30.000	6	4.26	9	6.4	42.6	12	8.5	91.5
3	50.000	8	5.67	17	12.1	36.9	20	14.2	85.8
4	70.000	6	4.26	23	16.3	32.6	26	18.4	81.6
5	100.000	5	3.55	28	19.9	29.1	31	22.0	78.0
6	150.000	2	1.42	30	21.3	27.7	33	23.4	76.6
7	200.000	2	1.42	32	22.7	26.2	35	24.8	75.2
8	300.000	4	2.84	36	25.5	23.4	39	27.7	72.3
9	500.000	3	2.13	39	27.7	21.3	42	29.8	70.2
10	700.000	5	3.55	44	31.2	17.7	47	33.3	66.7
11	1000.000	10	7.09	54	38.3	10.6	57	40.4	59.6
12	1500.000	8	5.67	62	44.0	5.0	65	46.1	53.9
13	2000.000	7	4.96	69	48.9	.0	72	51.1	48.9

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	1	2	69	69	141	141
Percentages	.0	.7	1.4	48.9	48.9		

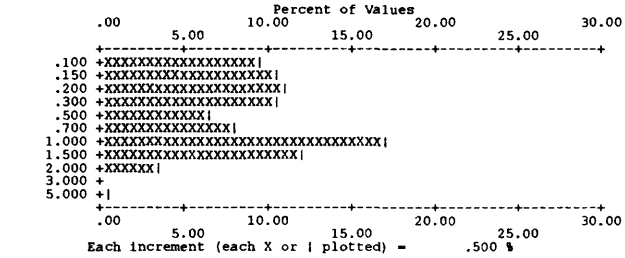


Appendix 3. Histograms for magnetite samples collected from the Goshute Indian Reservation, NV and UT. [Histograms are not shown for the following elements, for which all concentrations were qualified as not detected or less than the lower limit of determination: P-S, Au-S, Bi-S, Cd-S, Ge-S, Sr-S, W-S, Pd-S, and Pt-S. See beginning of Appendices section for explanation of letter codes used]

Ca pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.100	13	9.70	13	9.7 80.6	26	19.4 80.6
2	.150	14	10.45	27	20.1 70.1	40	29.9 70.1
3	.200	15	11.19	42	31.3 59.0	55	41.0 59.0
4	.300	14	10.45	56	41.8 48.5	69	51.5 48.5
5	.500	9	6.72	65	48.5 41.8	78	58.2 41.8
6	.700	11	8.21	76	56.7 33.6	89	66.4 33.6
7	1.000	23	17.16	99	73.9 16.4	112	83.6 16.4
8	1.500	16	11.94	115	85.8 4.5	128	95.5 4.5
9	2.000	5	3.73	120	89.6 .7	133	99.3 .7
10	5.000	1	.75	121	90.3 .0	134	100.0 .0

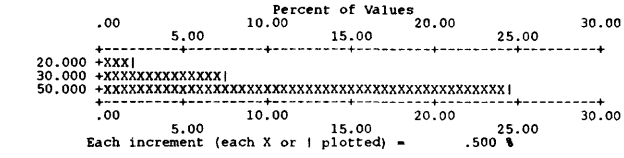
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	3	10	0	121	134	134
Percentages	.0	2.2	7.5	.0	90.3		



Fe pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	20.000	3	2.24	3	2.2 32.1	3	2.2 97.8
2	30.000	10	7.46	13	9.7 24.6	13	9.7 90.3
3	50.000	33	24.63	46	34.3 .0	46	34.3 65.7

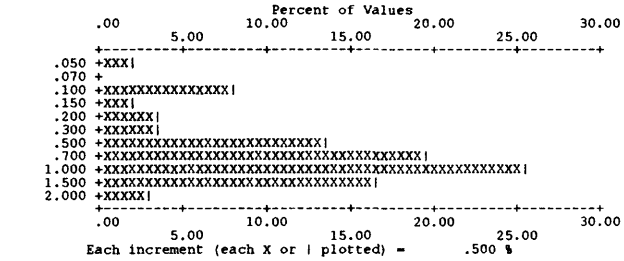
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	88	46	134	134
Percentages	.0	.0	.0	65.7	34.3		



Mg pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.050	3	2.24	3	2.2 95.5	6	4.5 95.5
2	.100	11	8.21	14	10.4 87.3	17	12.7 87.3
3	.150	3	2.24	17	12.7 85.1	20	14.9 85.1
4	.200	5	3.73	22	16.4 81.3	25	18.7 81.3
5	.300	5	3.73	27	20.1 77.6	30	22.4 77.6
6	.500	18	13.43	45	33.6 64.2	48	35.8 64.2
7	.700	26	19.40	71	53.0 44.8	74	55.2 44.8
8	1.000	34	25.37	105	78.4 19.4	108	80.6 19.4
9	1.500	22	16.42	127	94.8 3.0	130	97.0 3.0
10	2.000	4	2.99	131	97.8 .0	134	100.0 .0

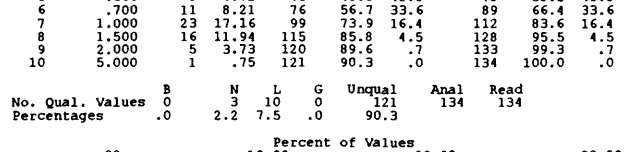
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	3	0	131	134	134
Percentages	.0	.0	2.2	.0	97.8		



Na pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	1.000	2	1.49	2	1.5 .0	134	100.0 .0

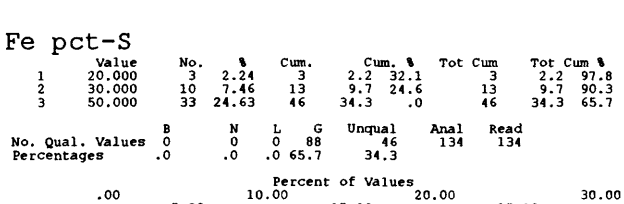
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	125	7	0	2	134	134
Percentages	.0	93.3	5.2	.0	1.5		



Ti pct-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.150	1	.75	1	.7 45.5	1	.7 99.3
2	.200	3	2.24	4	3.0 43.3	4	3.0 97.0
3	.300	4	2.99	8	6.0 40.3	8	6.0 94.0
4	.500	6	4.48	14	10.4 35.8	14	10.4 89.6
5	.700	10	7.46	24	17.9 28.4	24	17.9 82.1
6	1.000	11	8.21	35	26.1 20.1	35	26.1 73.9
7	1.500	12	8.96	47	35.1 11.2	47	35.1 64.9
8	2.000	15	11.19	62	46.3 .0	62	46.3 53.7

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	72	62	134	134
Percentages	.0	.0	.0	53.7	46.3		



Ag ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	1.000	2	1.49	2	1.5 5.2	127	94.8 5.2
2	1.500	1	.75	3	2.2 4.5	128	95.5 4.5
3	2.000	2	1.49	5	3.7 3.0	130	97.0 3.0
4	3.000	1	.75	6	4.5 2.2	131	97.8 2.2
5	5.000	1	.75	7	5.2 1.5	132	98.5 1.5
6	20.000	1	.75	8	6.0 .7	133	99.3 .7
7	300.000	1	.75	9	6.7 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	121	4	0	9	134	134
Percentages	.0	90.3	3.0	.0	6.7		

Appendix 3.--Histograms for magnetite samples...(continued).

As ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	500.000	2	1.49	2	1.5	1.5	132	98.5	1.5
2	700.000	1	.75	3	2.2	.7	133	99.3	.7
3	1000.000	1	.75	4	3.0	.0	134	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	128	2	0	4	134	134
Percentages	.0	95.5	1.5	.0	3.0		

```
                          Percent of Values
         .00               2.00               4.00               6.00
                  1.00               3.00               5.00
          +---------+---------+---------+---------+---------+---------+
 500.000 +XXXXXXXXXXXXXX|
 700.000 +XXXXXX|
1000.000 +XXXXXX|
          +---------+---------+---------+---------+---------+---------+
         .00               2.00               4.00               6.00
                  1.00               3.00               5.00
        Each increment (each X or | plotted) =        .100 %
```

B ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	6	4.48	6	4.5	6.0	126	94.0	6.0
2	30.000	2	1.49	8	6.0	4.5	128	95.5	4.5
3	50.000	2	1.49	10	7.5	3.0	130	97.0	3.0
4	70.000	1	.75	11	8.2	2.2	131	97.8	2.2
5	100.000	2	1.49	13	9.7	.7	133	99.3	.7
6	150.000	1	.75	14	10.4	.0	134	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	106	14	0	14	134	134
Percentages	.0	79.1	10.4	.0	10.4		

```
                          Percent of Values
         .00               2.00               4.00               6.00
                  1.00               3.00               5.00
          +---------+---------+---------+---------+---------+---------+
  20.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  30.000 +XXXXXXXXXXXXXX|
  50.000 +XXXXXXXXXXXXXX|
  70.000 +XXXXXX|
 100.000 +XXXXXXXXXXXXXX|
 150.000 +XXXXXX|
          +---------+---------+---------+---------+---------+---------+
         .00               2.00               4.00               6.00
                  1.00               3.00               5.00
        Each increment (each X or | plotted) =        .100 %
```

Ba ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	5	3.73	5	3.7	82.8	23	17.2	82.8
2	70.000	4	2.99	9	6.7	79.9	27	20.1	79.9
3	100.000	5	3.73	14	10.4	76.1	32	23.9	76.1
4	150.000	4	2.99	18	13.4	73.1	36	26.9	73.1
5	200.000	16	11.94	34	25.4	61.2	52	38.8	61.2
6	300.000	24	17.91	58	43.3	43.3	76	56.7	43.3
7	500.000	29	21.64	87	64.9	21.6	105	78.4	21.6
8	700.000	16	11.94	103	76.9	9.7	121	90.3	9.7
9	1000.000	9	6.72	112	83.6	3.0	130	97.0	3.0
10	1500.000	3	2.24	115	85.8	.7	133	99.3	.7
11	5000.000	1	.75	116	86.6	.0	134	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	6	12	0	116	134	134
Percentages	.0	4.5	9.0	.0	86.6		

```
                          Percent of Values
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
  50.000 +XXXXXX|
  70.000 +XXXXX|
 100.000 +XXXXXX|
 150.000 +XXXXX|
 200.000 +XXXXXXXXXXXXXXXXXXXXXXX|
 300.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 500.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 700.000 +XXXXXXXXXXXXXXXXXXXXXXX|
1000.000 +XXXXXXXXXXXX|
1500.000 +XXX|
2000.000 +
3000.000 +
5000.000 +|
          +---------+---------+---------+---------+---------+---------+
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
        Each increment (each X or | plotted) =        .500 %
```

Be ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	2.000	15	11.19	15	11.2	23.1	103	76.9	23.1
2	3.000	15	11.19	30	22.4	11.9	118	88.1	11.9
3	5.000	8	5.97	38	28.4	6.0	126	94.0	6.0
4	7.000	4	2.99	42	31.3	3.0	130	97.0	3.0
5	10.000	3	2.24	45	33.6	.7	133	99.3	.7
6	15.000	1	.75	46	34.3	.0	134	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	76	12	0	46	134	134
Percentages	.0	56.7	9.0	.0	34.3		

```
                          Percent of Values
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
   2.000 +XXXXXXXXXXXXXXXXXXXXX|
   3.000 +XXXXXXXXXXXXXXXXXXXXX|
   5.000 +XXXXXXXXXXX|
   7.000 +XXXXX|
  10.000 +XXX|
  15.000 +|
          +---------+---------+---------+---------+---------+---------+
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
        Each increment (each X or | plotted) =        .500 %
```

Co ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	5	3.73	5	3.7	90.3	12	9.0	91.0
2	30.000	8	5.97	13	9.7	84.3	20	14.9	85.1
3	50.000	3	2.24	16	11.9	82.1	23	17.2	82.8
4	70.000	9	6.72	25	18.7	75.4	32	23.9	76.1
5	100.000	19	14.18	44	32.8	61.2	51	38.1	61.9
6	150.000	26	19.40	70	52.2	41.8	77	57.5	42.5
7	200.000	35	26.12	105	78.4	15.7	112	83.6	16.4
8	300.000	12	8.96	117	87.3	6.7	124	92.5	7.5
9	500.000	5	3.73	122	91.0	3.0	129	96.3	3.7
10	700.000	3	2.24	125	93.3	.7	132	98.5	1.5
11	2000.000	1	.75	126	94.0	.0	133	99.3	.7

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	7	1	126	134	134
Percentages	.0	.0	5.2	.7	94.0		

```
                          Percent of Values
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
  20.000 +XXXXXX|
  30.000 +XXXXXXXXXXX|
  50.000 +XXX|
  70.000 +XXXXXXXXXXXX|
 100.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
 150.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 200.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 300.000 +XXXXXXXXXXXXXXXXX|
 500.000 +XXXXXX|
 700.000 +XXX|
1000.000 +
1500.000 +
2000.000 +|
          +---------+---------+---------+---------+---------+---------+
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
        Each increment (each X or | plotted) =        .500 %
```

Cr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	30.000	2	1.49	2	1.5	97.8	3	2.2	97.8
2	50.000	10	7.46	12	9.0	90.3	13	9.7	90.3
3	70.000	5	3.73	17	12.7	86.6	18	13.4	86.6
4	100.000	6	4.48	23	17.2	82.1	24	17.9	82.1
5	150.000	5	3.73	28	20.9	78.4	29	21.6	78.4
6	200.000	6	4.48	34	25.4	73.9	35	26.1	73.9
7	300.000	5	3.73	39	29.1	70.1	40	29.9	70.1
8	500.000	18	13.43	57	42.5	56.7	58	43.3	56.7
9	700.000	15	11.19	72	53.7	45.5	73	54.5	45.5
10	1000.000	25	18.66	97	72.4	26.9	98	73.1	26.9
11	1500.000	19	14.18	116	86.6	12.7	117	87.3	12.7
12	2000.000	11	8.21	127	94.8	4.5	128	95.5	4.5
13	3000.000	3	2.24	130	97.0	2.2	131	97.8	2.2
14	5000.000	3	2.24	133	99.3	.0	134	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	1	0	133	134	134
Percentages	.0	.0	.7	.0	99.3		

```
                          Percent of Values
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
  30.000 +XX|
  50.000 +XXXXXXXXXXXXXX|
  70.000 +XXXXXX|
 100.000 +XXXXXXXX|
 150.000 +XXXXXX|
 200.000 +XXXXXXXX|
 300.000 +XXXXXX|
 500.000 +XXXXXXXXXXXXXXXXXXXXXXXXXX|
 700.000 +XXXXXXXXXXXXXXXXXXXXX|
1000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
1500.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXX|
2000.000 +XXXXXXXXXXXXXXX|
3000.000 +XXX|
5000.000 +XXX|
          +---------+---------+---------+---------+---------+---------+
         .00               10.00              20.00              30.00
                  5.00               15.00              25.00
        Each increment (each X or | plotted) =        .500 %
```

Appendix 3.--Histograms for magnetite samples...(continued).

Cu ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	3	2.24	3	2.2 88.1	16	11.9 88.1
2	15.000	2	1.49	5	3.7 86.6	18	13.4 86.6
3	20.000	4	2.99	9	6.7 83.6	22	16.4 83.6
4	30.000	1	.75	10	7.5 82.8	23	17.2 82.8
5	70.000	10	7.46	20	14.9 75.4	33	24.6 75.4
6	100.000	21	15.67	41	30.6 59.7	54	40.3 59.7
7	150.000	21	15.67	62	46.3 44.0	75	56.0 44.0
8	200.000	30	22.39	92	68.7 21.6	105	78.4 21.6
9	300.000	15	11.19	107	79.9 10.4	120	89.6 10.4
10	500.000	8	5.97	115	85.8 4.5	128	95.5 4.5
11	700.000	1	.75	116	86.6 3.7	129	96.3 3.7
12	1000.000	1	.75	117	87.3 3.0	130	97.0 3.0
13	1500.000	1	.75	118	88.1 2.2	131	97.8 2.2
14	2000.000	3	2.24	121	90.3 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	5	8	0	121	134	134
Percentages	.0	3.7	6.0	.0	90.3		

Percent of Values

```
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
   10.000 +XXX|
   15.000 +XX|
   20.000 +XXXXX|
   30.000 +|
   50.000 +
   70.000 +XXXXXXXXXXXXXX|
  100.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  150.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  200.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  300.000 +XXXXXXXXXXXXXXXXXXXX|
  500.000 +XXXXXXXXXX|
  700.000 +|
 1000.000 +|
 1500.000 +|
 2000.000 +XXX|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          Each increment (each X or | plotted) =       .500 %
```

Ga ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	2	1.49	2	1.5 81.3	25	18.7 81.3
2	20.000	3	2.24	5	3.7 79.1	28	20.9 79.1
3	30.000	1	.75	6	4.5 78.4	29	21.6 78.4
4	50.000	9	6.72	15	11.2 71.6	38	28.4 71.6
5	70.000	13	9.70	28	20.9 61.9	51	38.1 61.9
6	100.000	23	17.16	51	38.1 44.8	74	55.2 44.8
7	150.000	21	15.67	72	53.7 29.1	95	70.9 29.1
8	200.000	20	14.93	92	68.7 14.2	115	85.8 14.2
9	300.000	8	5.97	100	74.6 8.2	123	91.8 8.2
10	500.000	8	5.97	108	80.6 2.2	131	97.8 2.2
11	700.000	2	1.49	110	82.1 .7	133	99.3 .7
12	1000.000	1	.75	111	82.8 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	16	7	0	111	134	134
Percentages	.0	11.9	5.2	.0	82.8		

Percent of Values

```
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
   10.000 +XX|
   15.000 +
   20.000 +XXX|
   30.000 +|
   50.000 +XXXXXXXXXXXX|
   70.000 +XXXXXXXXXXXXXXXXXX|
  100.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  150.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  200.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  300.000 +XXXXXXXXXXX|
  500.000 +XXXXXXXXXX|
  700.000 +XX|
 1000.000 +|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          Each increment (each X or | plotted) =       .500 %
```

La ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	150.000	1	.75	1	.7 7.5	124	92.5 7.5
2	300.000	1	.75	2	1.5 6.7	125	93.3 6.7
3	500.000	1	.75	3	2.2 6.0	126	94.0 6.0
4	700.000	4	2.99	7	5.2 3.0	130	97.0 3.0
5	1000.000	2	1.49	9	6.7 1.5	132	98.5 1.5
6	1500.000	2	1.49	11	8.2 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	120	3	0	11	134	134
Percentages	.0	89.6	2.2	.0	8.2		

Percent of Values

```
          .00              2.00               4.00               6.00
                    1.00               3.00               5.00
          +---------+---------+---------+---------+---------+---------+
  150.000 +XXXXXX|
  200.000 +
  300.000 +XXXXXX|
  500.000 +XXXXXX|
  700.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 1000.000 +XXXXXXXXXXXXXX|
 1500.000 +XXXXXXXXXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              2.00               4.00               6.00
                    1.00               3.00               5.00
          Each increment (each X or | plotted) =       .100 %
```

Mn ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	100.000	1	.75	1	.7 99.3	1	.7 99.3
2	150.000	1	.75	2	1.5 98.5	2	1.5 98.5
3	500.000	1	.75	3	2.2 97.8	3	2.2 97.8
4	700.000	1	.75	4	3.0 97.0	4	3.0 97.0
5	1000.000	12	8.96	16	11.9 88.1	16	11.9 88.1
6	1500.000	21	15.67	37	27.6 72.4	37	27.6 72.4
7	2000.000	31	23.13	68	50.7 49.3	68	50.7 49.3
8	3000.000	29	21.64	97	72.4 27.6	97	72.4 27.6
9	5000.000	29	21.64	126	94.0 6.0	126	94.0 6.0
10	7000.000	6	4.48	132	98.5 1.5	132	98.5 1.5
11	10000.000	2	1.49	134	100.0 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	0	134	134	134
Percentages	.0	.0	.0	.0	100.0		

Percent of Values

```
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
  100.000 +|
  150.000 +|
  200.000 +
  300.000 +
  500.000 +|
  700.000 +|
 1000.000 +XXXXXXXXXXXXXXXX|
 1500.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 2000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 3000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 5000.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 7000.000 +XXXXXXXX|
10000.000 +XX|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          Each increment (each X or | plotted) =       .500 %
```

Mo ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	17	12.69	17	12.7 20.1	107	79.9 20.1
2	15.000	12	8.96	29	21.6 11.2	119	88.8 11.2
3	20.000	12	8.96	41	30.6 2.2	131	97.8 2.2
4	30.000	2	1.49	43	32.1 .7	133	99.3 .7
5	50.000	1	.75	44	32.8 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	65	25	0	44	134	134
Percentages	.0	48.5	18.7	.0	32.8		

Percent of Values

```
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
   10.000 +XXXXXXXXXXXXXXXXXXXXXX|
   15.000 +XXXXXXXXXXXXXXXXX|
   20.000 +XXXXXXXXXXXXXXXXX|
   30.000 +XX|
   50.000 +|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                    5.00               15.00              25.00
          Each increment (each X or | plotted) =       .500 %
```

Nb ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	50.000	7	5.22	7	5.2 3.7	129	96.3 3.7
2	70.000	4	2.99	11	8.2 .7	133	99.3 .7
3	100.000	1	.75	12	9.0 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	76	46	0	12	134	134
Percentages	.0	56.7	34.3	.0	9.0		

Percent of Values

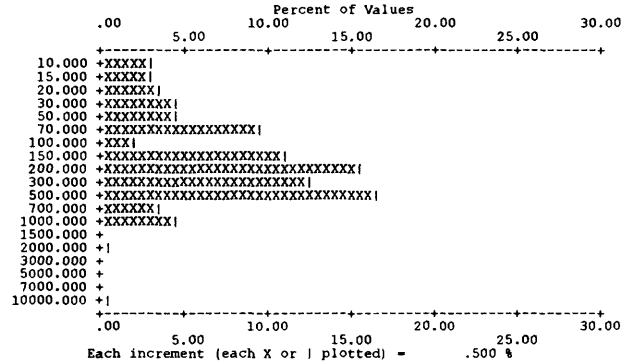
```
          .00              2.00               4.00               6.00
                    1.00               3.00               5.00
          +---------+---------+---------+---------+---------+---------+
   50.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
   70.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  100.000 +XXXXXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              2.00               4.00               6.00
                    1.00               3.00               5.00
          Each increment (each X or | plotted) =       .100 %
```

Appendix 3.--Histograms for magnetite samples...(continued).

Ni ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	4	2.99	4	3.0 93.3	9	6.7 93.3
2	15.000	4	2.99	8	6.0 90.3	13	9.7 90.3
3	20.000	5	3.73	13	9.7 86.6	18	13.4 86.6
4	30.000	6	4.48	19	14.2 82.1	24	17.9 82.1
5	50.000	6	4.48	25	18.7 77.6	30	22.4 77.6
6	70.000	13	9.70	38	28.4 67.9	43	32.1 67.9
7	100.000	3	2.24	41	30.6 65.7	46	34.3 65.7
8	150.000	15	11.19	56	41.8 54.5	61	45.5 54.5
9	200.000	21	15.67	77	57.5 38.8	82	61.2 38.8
10	300.000	17	12.69	94	70.1 26.1	99	73.9 26.1
11	500.000	22	16.42	116	86.6 9.7	121	90.3 9.7
12	700.000	5	3.73	121	90.3 6.0	126	94.0 6.0
13	1000.000	6	4.48	127	94.8 1.5	132	98.5 1.5
14	2000.000	1	.75	128	95.5 .7	133	99.3 .7
15	10000.000	1	.75	129	96.3 .0	134	100.0 .0

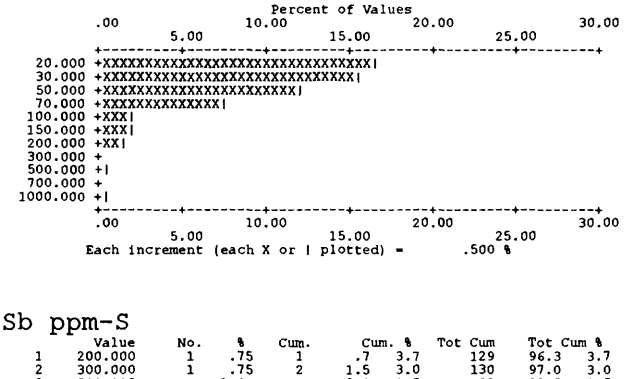
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	2	3	0	129	134	134
Percentages	.0	1.5	2.2	.0	96.3		



Pb ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	20.000	22	16.42	22	16.4 42.5	77	57.5 42.5
2	30.000	21	15.67	43	32.1 26.9	98	73.1 26.9
3	50.000	16	11.94	59	44.0 14.9	114	85.1 14.9
4	70.000	10	7.46	69	51.5 7.5	124	92.5 7.5
5	100.000	3	2.24	72	53.7 5.2	127	94.8 5.2
6	150.000	3	2.24	75	56.0 3.0	130	97.0 3.0
7	200.000	2	1.49	77	57.5 1.5	132	98.5 1.5
8	500.000	1	.75	78	58.2 .7	133	99.3 .7
9	1000.000	1	.75	79	59.0 .0	134	100.0 .0

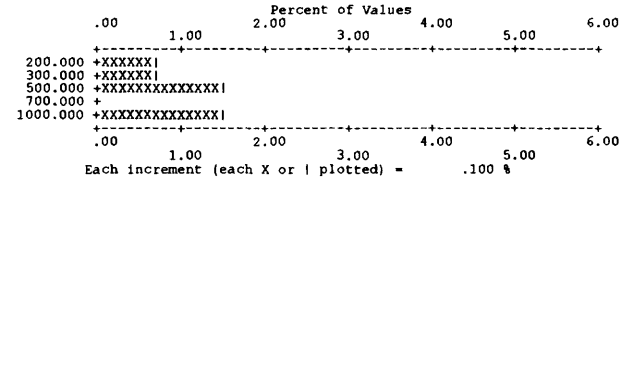
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	32	23	0	79	134	134
Percentages	.0	23.9	17.2	.0	59.0		



Sb ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	200.000	1	.75	1	.7 3.7	129	96.3 3.7
2	300.000	1	.75	2	1.5 3.0	130	97.0 3.0
3	500.000	2	1.49	4	3.0 1.5	132	98.5 1.5
4	1000.000	2	1.49	6	4.5 .0	134	100.0 .0

	B	T	H	N	L	G	Other	Unqual	Anal	Read
No. Qual. Values	0	0	0	128	0	0	0	6	134	134
Percentages	.0	.0	.0	95.5	.0	.0	.0	4.5		



Sc ppm-S

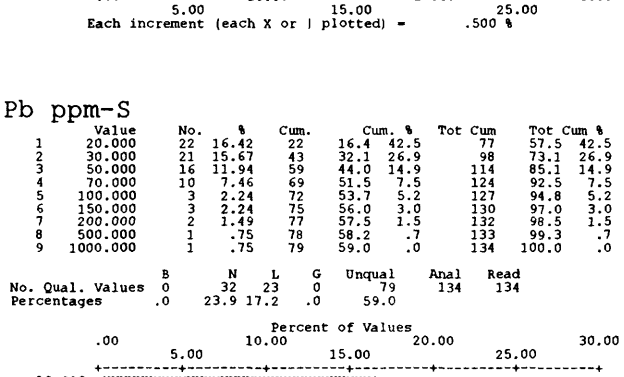
	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	10.000	14	10.45	14	10.4 27.6	97	72.4 27.6
2	15.000	8	5.97	22	16.4 21.6	105	78.4 21.6
3	20.000	10	7.46	32	23.9 14.2	115	85.8 14.2
4	30.000	10	7.46	42	31.3 6.7	125	93.3 6.7
5	50.000	4	2.99	46	34.3 3.7	129	96.3 3.7
6	70.000	5	3.73	51	38.1 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	53	30	0	51	134	134
Percentages	.0	39.6	22.4	.0	38.1		

Sn ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	20.000	4	2.99	4	3.0 6.0	126	94.0 6.0
2	30.000	1	.75	5	3.7 5.2	127	94.8 5.2
3	50.000	1	.75	6	4.5 4.5	128	95.5 4.5
4	100.000	1	.75	7	5.2 3.7	129	96.3 3.7
5	150.000	2	1.49	9	6.7 2.2	131	97.8 2.2
6	300.000	1	.75	10	7.5 1.5	132	98.5 1.5
7	500.000	2	1.49	12	9.0 .0	134	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	120	2	0	12	134	134
Percentages	.0	89.6	1.5	.0	9.0		



Th ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	200.000	1	.75	1	.7 .0	134	100.0 .0

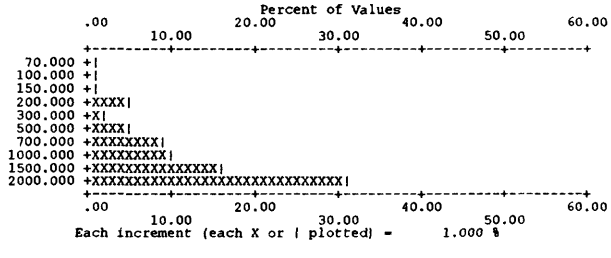
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	129	4	0	1	134	134
Percentages	.0	96.3	3.0	.0	.7		

Appendix 3.--Histograms for magnetite samples...(continued).

V ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	70.000	1	.75	1	.7 81.3	1	.7 99.3
2	100.000	1	.75	2	1.5 80.6	2	1.5 98.5
3	150.000	2	1.49	4	3.0 79.1	4	3.0 97.0
4	200.000	7	5.22	11	8.2 73.9	11	8.2 91.8
5	300.000	3	2.24	14	10.4 71.6	14	10.4 89.6
6	500.000	7	5.22	21	15.7 66.4	21	15.7 84.3
7	700.000	12	8.96	33	24.6 57.5	33	24.6 75.4
8	1000.000	14	10.45	47	35.1 47.0	47	35.1 64.9
9	1500.000	21	15.67	68	50.7 31.3	68	50.7 49.3
10	2000.000	42	31.34	110	82.1 .0	110	82.1 17.9

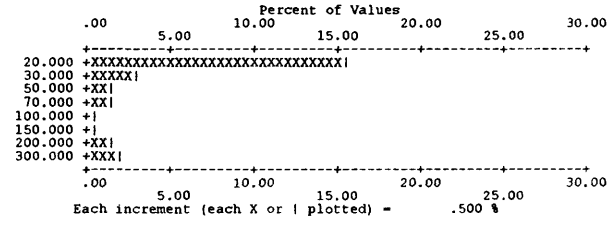
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	24	110	134	134
Percentages	.0	.0	.0	17.9	82.1		



Y ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	20.000	21	15.67	21	15.7 11.2	119	88.8 11.2
2	30.000	4	2.99	25	18.7 8.2	123	91.8 8.2
3	50.000	2	1.49	27	20.1 6.7	125	93.3 6.7
4	70.000	2	1.49	29	21.6 5.2	127	94.8 5.2
5	100.000	1	.75	30	22.4 4.5	128	95.5 4.5
6	150.000	1	.75	31	23.1 3.7	129	96.3 3.7
7	200.000	2	1.49	33	24.6 2.2	131	97.8 2.2
8	300.000	3	2.24	36	26.9 .0	134	100.0 .0

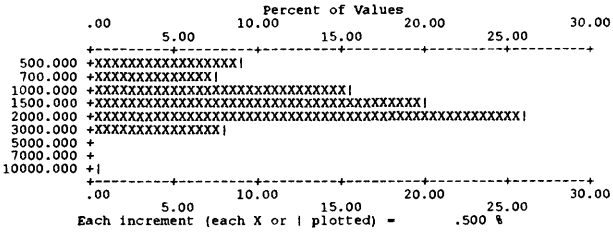
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	66	32	0	36	134	134
Percentages	.0	49.3	23.9	.0	26.9		



Zn ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	500.000	12	8.96	12	9.0 78.4	29	21.6 78.4
2	700.000	10	7.46	22	16.4 70.9	39	29.1 70.9
3	1000.000	21	15.67	43	32.1 55.2	60	44.8 55.2
4	1500.000	27	20.15	70	52.2 35.1	87	64.9 35.1
5	2000.000	35	26.12	105	78.4 9.0	122	91.0 9.0
6	3000.000	11	8.21	116	86.6 .7	133	99.3 .7
7	10000.000	1	.75	117	87.3 .0	134	100.0 .0

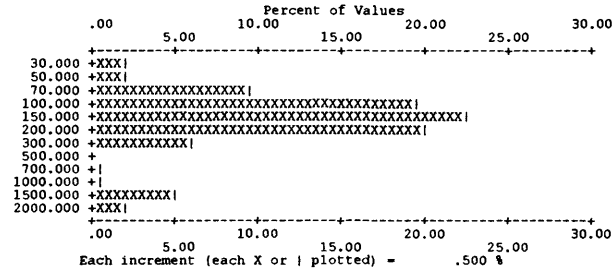
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	12	5	0	117	134	134
Percentages	.0	9.0	3.7	.0	87.3		



Zr ppm-S

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	30.000	3	2.24	3	2.2 88.8	3	2.2 97.8
2	50.000	3	2.24	6	4.5 86.6	6	4.5 95.5
3	70.000	13	9.70	19	14.2 76.9	19	14.2 85.8
4	100.000	26	19.40	45	33.6 57.5	45	33.6 66.4
5	150.000	30	22.39	75	56.0 35.1	75	56.0 44.0
6	200.000	27	20.15	102	76.1 14.9	102	76.1 23.9
7	300.000	8	5.97	110	82.1 9.0	110	82.1 17.9
8	700.000	1	.75	111	82.8 8.2	111	82.8 17.2
9	1000.000	1	.75	112	83.6 7.5	112	83.6 16.4
10	1500.000	7	5.22	119	88.8 2.2	119	88.8 11.2
11	2000.000	3	2.24	122	91.0 .0	122	91.0 9.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	0	0	12	122	134	134
Percentages	.0	.0	.0	9.0	91.0		



Appendix 4. Histograms for rock samples collected from the Goshute Indian Reservation, NV and UT. [Histograms are not shown for the following elements, for which all concentrations were qualified as not detected or less than the lower limit of determination: Au-S, Ge-S, and Th-S. See beginning of Appendices section for explanation of letter codes used]

Hg ppm-A

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.020	39	8.88	39	8.9	49.9	215	49.0	51.0
2	.030	13	2.96	52	11.8	46.9	228	51.9	48.1
3	.050	24	5.47	76	17.3	41.5	252	57.4	42.6
4	.070	19	4.33	95	21.6	37.1	271	61.7	38.3
5	.100	21	4.78	116	26.4	32.3	292	66.5	33.5
6	.150	19	4.33	135	30.8	28.0	311	70.8	29.2
7	.200	10	2.28	145	33.0	25.7	321	73.1	26.9
8	.300	13	2.96	158	36.0	22.8	334	76.1	23.9
9	.500	14	3.19	172	39.2	19.6	348	79.3	20.7
10	.700	17	3.87	189	43.1	15.7	365	83.1	16.9
11	1.000	15	3.42	204	46.5	12.3	380	86.6	13.4
12	1.500	10	2.28	214	48.7	10.0	390	88.8	11.2
13	2.000	19	4.33	233	53.1	5.7	409	93.2	6.8
14	3.000	11	2.51	244	55.6	3.2	420	95.7	4.3
15	5.000	2	.46	246	56.0	2.7	422	96.1	3.9
16	7.000	6	1.37	252	57.4	1.4	428	97.5	2.5
17	10.000	2	.46	254	57.9	.9	430	97.9	2.1
18	15.000	2	.46	256	58.3	.5	432	98.4	1.6
19	20.000	1	.23	257	58.5	.2	433	98.6	1.4
20	30.000	1	.23	258	58.8	.0	434	98.9	1.1

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	2	176	0	3	258	439	439
Percentages	.5	40.1	.0	.7	58.8		

Percent of Values

```
          .00                10.00                20.00                30.00
                    5.00                15.00                25.00
          +---------+---------+---------+---------+---------+---------+
 .020000 +XXXXXXXXXXXXXXXXXX|
 .030000 +XXXXX|
    .050 +XXXXXXXXXX|
    .070 +XXXXXXXX|
    .100 +XXXXXXXXX|
    .150 +XXXXXXXX|
    .200 +XXXX|
    .300 +XXXXX|
    .500 +XXXXX|
    .700 +XXXXXXX|
   1.000 +XXXXXX|
   1.500 +XXXX|
   2.000 +XXXXXXXX|
   3.000 +XXXX|
   5.000 +|
   7.000 +XX|
  10.000 +|
  15.000 +|
  20.000 |
  30.000 |
          +---------+---------+---------+---------+---------+---------+
          .00                10.00                20.00                30.00
                    5.00                15.00                25.00
        Each increment (each X or | plotted) =       .500
```

Tl ppm-A

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.050	60	13.67	60	13.7	71.5	125	28.5	71.5
2	.100	34	7.74	94	21.4	63.8	159	36.2	63.8
3	.150	27	6.15	121	27.6	57.6	186	42.4	57.6
4	.200	26	5.92	147	33.5	51.7	212	48.3	51.7
5	.300	28	6.38	175	39.9	45.3	240	54.7	45.3
6	.500	38	8.66	213	48.5	36.7	278	63.3	36.7
7	.700	37	8.43	250	56.9	28.2	315	71.8	28.2
8	1.000	41	9.34	291	66.3	18.9	356	81.1	18.9
9	1.500	23	5.24	314	71.5	13.7	379	86.3	13.7
10	2.000	19	4.33	333	75.9	9.3	398	90.7	9.3
11	3.000	13	2.96	346	78.8	6.4	411	93.6	6.4
12	5.000	9	2.05	355	80.9	4.3	420	95.7	4.3
13	7.000	6	1.37	361	82.2	3.0	426	97.0	3.0
14	10.000	5	1.14	366	83.4	1.8	431	98.2	1.8
15	15.000	3	.68	369	84.1	1.1	434	98.9	1.1
16	20.000	3	.68	372	84.7	.5	437	99.5	.5
17	50.000	2	.46	374	85.2	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	50	15	0	374	439	439
Percentages	.0	11.4	3.4	.0	85.2		

Percent of Values

```
          .00                10.00                20.00                30.00
                    5.00                15.00                25.00
          +---------+---------+---------+---------+---------+---------+
    .050 +XXXXXXXXXXXXXXXXXXXXXXXXXX|
    .070 +
    .100 +XXXXXXXXXXXXXX|
    .150 +XXXXXXXXXXX|
    .200 +XXXXXXXXXXX|
    .300 +XXXXXXXXXXXX|
    .500 +XXXXXXXXXXXXXXX|
    .700 +XXXXXXXXXXXXXXXX|
   1.000 +XXXXXXXXXXXXXXXXXX|
   1.500 +XXXXXXXXX|
   2.000 +XXXXXXXX|
   3.000 +XXXXX|
   5.000 +XXX|
   7.000 +XX|
  10.000 +X|
  15.000 +|
  20.000 +|
  30.000 +
  50.000 +|
          +---------+---------+---------+---------+---------+---------+
          .00                10.00                20.00                30.00
                    5.00                15.00                25.00
        Each increment (each X or | plotted) =       .500 %
```

Au ppm-G

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.002	8	1.82	8	1.8	16.9	365	83.1	16.9
2	.003	2	.46	10	2.3	16.4	367	83.6	16.4
3	.005	9	2.05	19	4.3	14.4	376	85.6	14.4
4	.007	9	2.05	28	6.4	12.3	385	87.7	12.3
5	.010	6	1.37	34	7.7	10.9	391	89.1	10.9
6	.015	4	.91	38	8.7	10.0	395	90.0	10.0
7	.020	8	1.82	46	10.5	8.2	403	91.8	8.2
8	.030	3	.68	49	11.2	7.5	406	92.5	7.5
9	.050	7	1.59	56	12.8	5.9	413	94.1	5.9
10	.100	9	2.05	65	14.8	3.9	422	96.1	3.9
11	.150	7	1.59	72	16.4	2.3	429	97.7	2.3
12	.200	2	.46	74	16.9	1.8	431	98.2	1.8
13	.300	2	.46	76	17.3	1.4	433	98.6	1.4
14	.500	1	.23	77	17.5	1.1	434	98.9	1.1
15	.700	1	.23	78	17.8	.9	435	99.1	.9
16	1.500	1	.23	79	18.0	.7	436	99.3	.7
17	10.000	2	.46	81	18.5	.2	438	99.8	.2
18	30.000	1	.23	82	18.7	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	337	20	0	82	439	439
Percentages	.0	76.8	4.6	.0	18.7		

Percent of Values

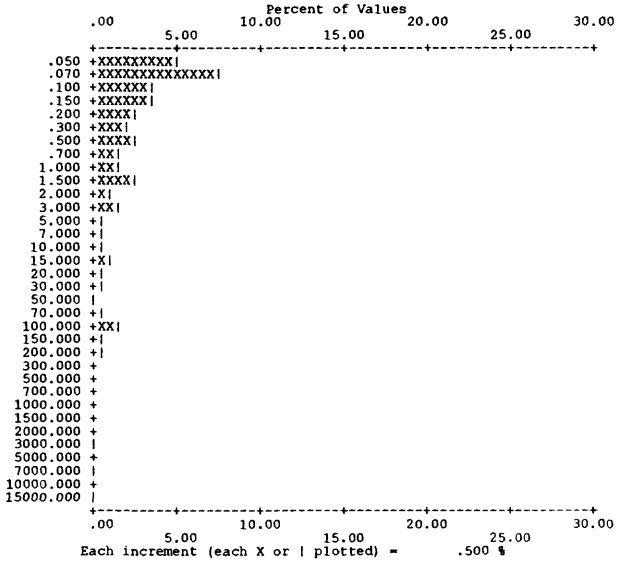
```
          .00                2.00                4.00                6.00
                    1.00                3.00                5.00
          +---------+---------+---------+---------+---------+---------+
 .002000 +XXXXXXXXXXXXXXXXXX|
 .003000 +XXXX|
 .005000 +XXXXXXXXXXXXXXXXXXXX|
 .007000 +XXXXXXXXXXXXXXXXXXXX|
 .010000 +XXXXXXXXXXXX|
 .015000 +XXXXXXXX|
 .020000 +XXXXXXXXXXXXXXXXX|
 .030000 +XXXXXX|
    .050 +XXXXXXXXXXXXXX|
    .070 +
    .100 +XXXXXXXXXXXXXXXXXXXX|
    .150 +XXXXXXXXXXXXXX|
    .200 +XXXX|
    .300 +XXXX|
    .500 +X|
    .700 +X|
   1.000 +
   1.500 +X|
   2.000 +
   3.000 +
   5.000 +
   7.000 +
  10.000 +XXXX|
  15.000 +
  20.000 +
  30.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00                2.00                4.00                6.00
                    1.00                3.00                5.00
        Each increment (each X or | plotted) =       .100 %
```

Appendix 4.--Histograms for rock samples...(continued).

Ag ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.050	22	5.01	22	5.0	36.9	277	63.1	36.9
2	.070	33	7.52	55	12.5	29.4	310	70.6	29.4
3	.100	16	3.64	71	16.2	25.7	326	74.3	25.7
4	.150	15	3.42	86	19.6	22.3	341	77.7	22.3
5	.200	12	2.73	98	22.3	19.6	353	80.4	19.6
6	.300	8	1.82	106	24.1	17.8	361	82.2	17.8
7	.500	12	2.73	118	26.9	15.0	373	85.0	15.0
8	.700	6	1.37	124	28.2	13.7	379	86.3	13.7
9	1.000	7	1.59	131	29.8	12.1	386	87.9	12.1
10	1.500	10	2.28	141	32.1	9.8	396	90.2	9.8
11	2.000	4	.91	145	33.0	8.9	400	91.1	8.9
12	3.000	6	1.37	151	34.4	7.5	406	92.5	7.5
13	5.000	3	.68	154	35.1	6.8	409	93.2	6.8
14	7.000	2	.46	156	35.5	6.4	411	93.6	6.4
15	10.000	3	.68	159	36.2	5.7	414	94.3	5.7
16	15.000	4	.91	163	37.1	4.8	418	95.2	4.8
17	20.000	2	.46	165	37.6	4.3	420	95.7	4.3
18	30.000	3	.68	168	38.3	3.6	423	96.4	3.6
19	50.000	1	.23	169	38.5	3.4	424	96.6	3.4
20	70.000	2	.46	171	39.0	3.0	426	97.0	3.0
21	100.000	6	1.37	177	40.3	1.6	432	98.4	1.6
22	150.000	2	.46	179	40.8	1.1	434	98.9	1.1
23	200.000	2	.46	181	41.2	.7	436	99.3	.7
24	3000.000	1	.23	182	41.5	.5	437	99.5	.5
25	7000.000	1	.23	183	41.7	.2	438	99.8	.2
26	15000.000	1	.23	184	41.9	.0	439	100.0	.0

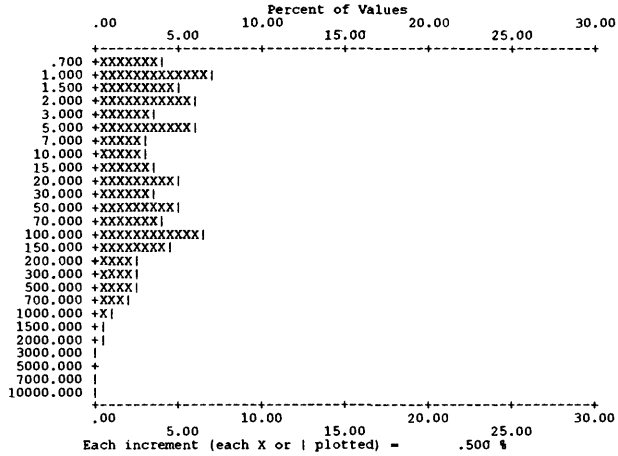
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	255	0	0	184	439	439
Percentages	.0	58.1	.0	.0	41.9		



As ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.700	17	3.87	17	3.9	77.9	97	22.1	77.9
2	1.000	31	7.06	48	10.9	70.8	128	29.2	70.8
3	1.500	22	5.01	70	15.9	65.8	150	34.2	65.8
4	2.000	27	6.15	97	22.1	59.7	177	40.3	59.7
5	3.000	15	3.42	112	25.5	56.3	192	43.7	56.3
6	5.000	26	5.92	138	31.4	50.3	218	49.7	50.3
7	7.000	13	2.96	151	34.4	47.4	231	52.6	47.4
8	10.000	14	3.19	165	37.6	44.2	245	55.8	44.2
9	15.000	15	3.42	180	41.0	40.8	260	59.2	40.8
10	20.000	21	4.78	201	45.8	36.0	281	64.0	36.0
11	30.000	15	3.42	216	49.2	32.6	296	67.4	32.6
12	50.000	21	4.78	237	54.0	27.8	317	72.2	27.8
13	70.000	17	3.87	254	57.9	23.9	334	76.1	23.9
14	100.000	29	6.61	283	64.5	17.3	363	82.7	17.3
15	150.000	20	4.56	303	69.0	12.8	383	87.2	12.8
16	200.000	10	2.28	313	71.3	10.5	393	89.5	10.5
17	300.000	12	2.73	325	74.0	7.7	405	92.3	7.7
18	500.000	12	2.73	337	76.8	5.0	417	95.0	5.0
19	700.000	8	1.82	345	78.6	3.2	425	96.8	3.2
20	1000.000	5	1.14	350	79.7	2.1	430	97.9	2.1
21	1500.000	3	.68	353	80.4	1.4	433	98.6	1.4
22	2000.000	3	.68	356	81.1	.7	436	99.3	.7
23	3000.000	1	.23	357	81.3	.5	437	99.5	.5
24	7000.000	1	.23	358	81.5	.2	438	99.8	.2
25	10000.000	1	.23	359	81.8	.0	439	100.0	.0

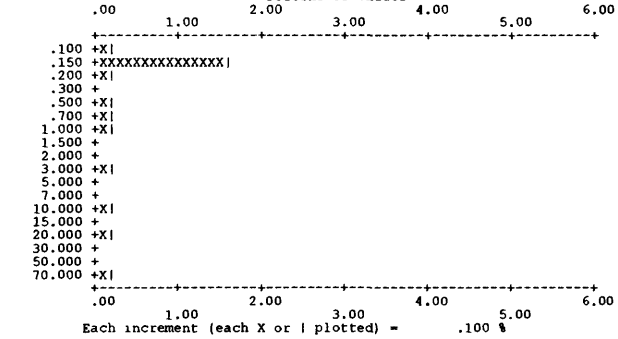
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	80	0	0	359	439	439
Percentages	.0	18.2	.0	.0	81.8		



Au ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.100	1	.23	1	.2	3.4	424	96.6	3.4
2	.150	7	1.59	8	1.8	1.8	431	98.2	1.8
3	.200	1	.23	9	2.1	1.6	432	98.4	1.6
4	.500	1	.23	10	2.3	1.4	433	98.6	1.4
5	.700	1	.23	11	2.5	1.1	434	98.9	1.1
6	1.000	1	.23	12	2.7	.9	435	99.1	.9
7	3.000	1	.23	13	3.0	.7	436	99.3	.7
8	10.000	1	.23	14	3.2	.5	437	99.5	.5
9	20.000	1	.23	15	3.4	.2	438	99.8	.2
10	70.000	1	.23	16	3.6	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	423	0	0	16	439	439
Percentages	.0	96.4	.0	.0	3.6		

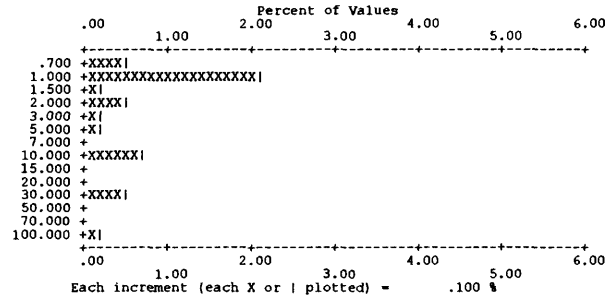


Appendix 4.--Histograms for rock samples...(continued).

Bi ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.700	2	.46	2	.5	4.6	419	95.4	4.6
2	1.000	9	2.05	11	2.5	2.5	428	97.5	2.5
3	1.500	1	.23	12	2.7	2.3	429	97.7	2.3
4	2.000	2	.46	14	3.2	1.8	431	98.2	1.8
5	3.000	1	.23	15	3.4	1.6	432	98.4	1.6
6	5.000	1	.23	16	3.6	1.4	433	98.6	1.4
7	10.000	3	.68	19	4.3	.7	436	99.3	.7
8	30.000	2	.46	21	4.8	.2	438	99.8	.2
9	100.000	1	.23	22	5.0	.0	439	100.0	.0

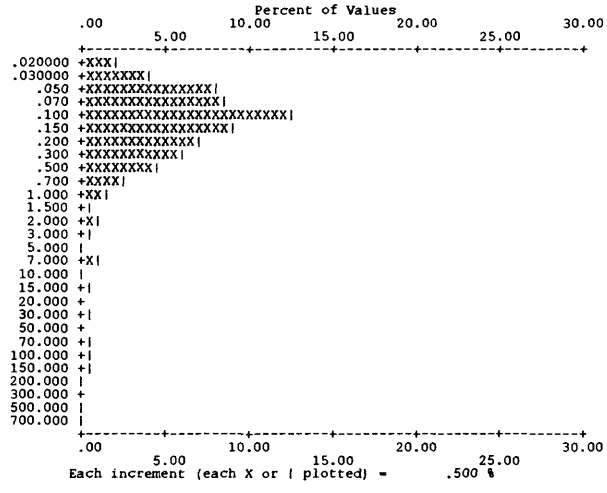
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	416	1	0	22	439	439
Percentages	.0	94.8	.2	.0	5.0		



Cd ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.020	8	1.82	8	1.8	69.9	132	30.1	69.9
2	.030	17	3.87	25	5.7	66.1	149	33.9	66.1
3	.050	35	7.97	60	13.7	58.1	184	41.9	58.1
4	.070	38	8.66	98	22.3	49.4	222	50.6	49.4
5	.100	54	12.30	152	34.6	37.1	276	62.9	37.1
6	.150	39	8.88	191	43.5	28.2	315	71.8	28.2
7	.200	31	7.06	222	50.6	21.2	346	78.8	21.2
8	.300	27	6.15	249	56.7	15.0	373	85.0	15.0
9	.500	19	4.33	268	61.0	10.7	392	89.3	10.7
10	.700	11	2.51	279	63.6	8.2	403	91.8	8.2
11	1.000	7	1.59	286	65.1	6.6	410	93.4	6.6
12	1.500	3	.68	289	65.8	5.9	413	94.1	5.9
13	2.000	4	.91	293	66.7	5.0	417	95.0	5.0
14	3.000	2	.46	295	67.2	4.6	419	95.4	4.6
15	5.000	1	.23	296	67.4	4.3	420	95.7	4.3
16	7.000	4	.91	300	68.3	3.4	424	96.6	3.4
17	10.000	1	.23	301	68.6	3.2	425	96.8	3.2
18	15.000	2	.46	303	69.0	2.7	427	97.3	2.7
19	30.000	2	.46	305	69.5	2.3	429	97.7	2.3
20	70.000	2	.46	307	69.9	1.8	431	98.2	1.8
21	100.000	3	.68	310	70.6	1.1	434	98.9	1.1
22	150.000	2	.46	312	71.1	.7	436	99.3	.7
23	200.000	1	.23	313	71.3	.5	437	99.5	.5
24	500.000	1	.23	314	71.5	.2	438	99.8	.2
25	700.000	1	.23	315	71.8	.0	439	100.0	.0

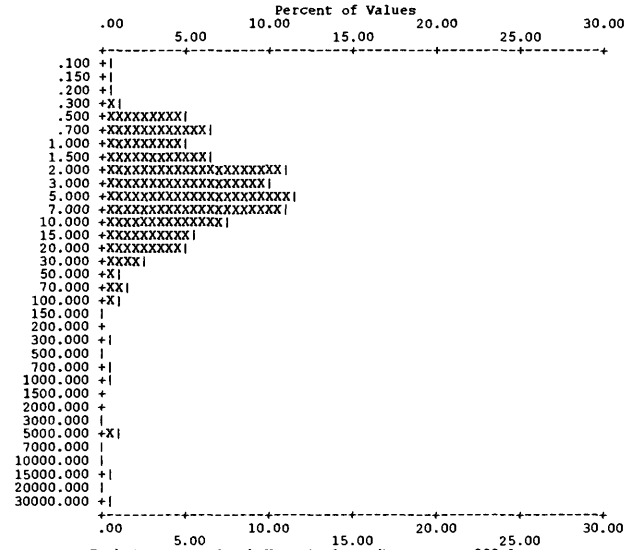
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	124	0	0	315	439	439
Percentages	.0	28.2	.0	.0	71.8		



Cu ppm-I

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.100	2	.46	2	.5	98.9	4	.9	99.1
2	.150	3	.68	5	1.1	98.2	7	1.6	98.4
3	.200	2	.46	7	1.6	97.7	9	2.1	97.9
4	.300	5	1.14	12	2.7	96.6	14	3.2	96.8
5	.500	22	5.01	34	7.7	91.6	36	8.2	91.8
6	.700	29	6.61	63	14.4	85.0	65	14.8	85.2
7	1.000	23	5.24	86	19.6	79.7	88	20.0	80.0
8	1.500	29	6.61	115	26.2	73.1	117	26.7	73.3
9	2.000	49	11.16	164	37.4	62.0	166	37.8	62.2
10	3.000	43	9.79	207	47.2	52.2	209	47.6	52.4
11	5.000	50	11.39	257	58.5	40.8	259	59.0	41.0
12	7.000	49	11.16	306	69.7	29.6	308	70.2	29.8
13	10.000	34	7.74	340	77.4	21.9	342	77.9	22.1
14	15.000	24	5.47	364	82.9	16.4	366	83.4	16.6
15	20.000	22	5.01	386	87.9	11.4	388	88.4	11.6
16	30.000	12	2.73	398	90.7	8.7	400	91.1	8.9
17	50.000	5	1.14	403	91.8	7.5	405	92.3	7.7
18	70.000	6	1.37	409	93.2	6.2	411	93.6	6.4
19	100.000	4	.91	413	94.1	5.2	415	94.5	5.5
20	150.000	1	.23	414	94.3	5.0	416	94.8	5.2
21	300.000	3	.68	417	95.0	4.3	419	95.4	4.6
22	500.000	1	.23	418	95.2	4.1	420	95.7	4.3
23	700.000	3	.68	421	95.9	3.4	423	96.4	3.6
24	1000.000	2	.46	423	96.4	3.0	425	96.8	3.2
25	3000.000	1	.23	424	96.6	2.7	426	97.0	3.0
26	5000.000	4	.91	428	97.5	1.8	430	97.9	2.1
27	7000.000	1	.23	429	97.7	1.6	431	98.2	1.8
28	10000.000	1	.23	430	97.9	1.4	432	98.4	1.6
29	15000.000	3	.68	433	98.6	.7	435	99.1	.9
30	20000.000	1	.23	434	98.9	.5	436	99.3	.7
31	30000.000	2	.46	436	99.3	.0	438	99.8	.2

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	2	0	1	436	439	439
Percentages	.0	.5	.0	.2	99.3		

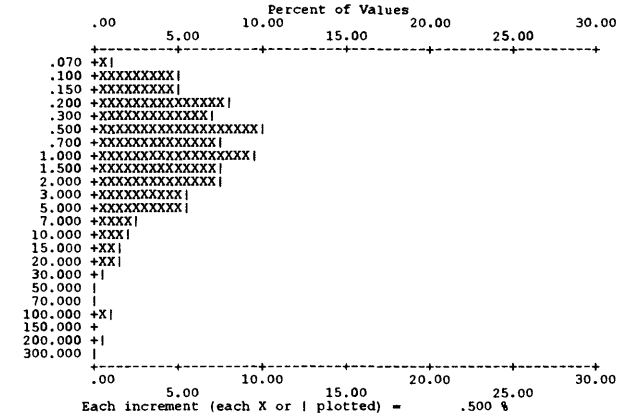


Appendix 4.--Histograms for rock samples...(continued).

Mo ppm-I

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.070	4	.91	4	.9 88.6	50	11.4 88.6
2	.100	23	5.24	27	6.2 83.4	73	16.6 83.4
3	.150	23	5.24	50	11.4 78.1	96	21.9 78.1
4	.200	35	7.97	85	19.4 70.2	131	29.8 70.2
5	.300	31	7.06	116	26.4 63.1	162	36.9 63.1
6	.500	43	9.79	159	36.2 53.3	205	46.7 53.3
7	.700	32	7.29	191	43.5 46.0	237	54.0 46.0
8	1.000	41	9.34	232	52.8 36.7	278	63.3 36.7
9	1.500	34	7.74	266	60.6 28.9	312	71.1 28.9
10	2.000	34	7.74	300	68.3 21.2	346	78.8 21.2
11	3.000	25	5.69	325	74.0 15.5	371	84.5 15.5
12	5.000	24	5.47	349	79.5 10.0	395	90.0 10.0
13	7.000	10	2.28	359	81.8 7.7	405	92.3 7.7
14	10.000	9	2.05	368	83.8 5.7	414	94.3 5.7
15	15.000	7	1.59	375	85.4 4.1	421	95.9 4.1
16	20.000	6	1.37	381	86.8 2.7	427	97.3 2.7
17	30.000	2	.46	383	87.2 2.3	429	97.7 2.3
18	50.000	1	.23	384	87.5 2.1	430	97.9 2.1
19	70.000	1	.23	385	87.7 1.8	431	98.2 1.8
20	100.000	5	1.14	390	88.8 .7	436	99.3 .7
21	200.000	2	.46	392	89.3 .2	438	99.8 .2
22	300.000	1	.23	393	89.5 .0	439	100.0 .0

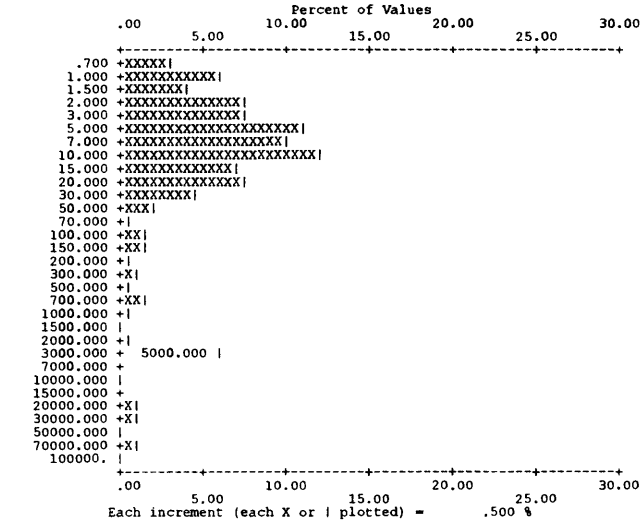
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	46	0	0	393	439	439
Percentages	.0	10.5	.0	.0	89.5		



Pb ppm-I

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.700	14	3.19	14	3.2 90.9	40	9.1 90.9
2	1.000	27	6.15	41	9.3 84.7	67	15.3 84.7
3	1.500	18	4.10	59	13.4 80.6	85	19.4 80.6
4	2.000	32	7.29	91	20.7 73.3	117	26.7 73.3
5	3.000	33	7.52	124	28.2 65.8	150	34.2 65.8
6	5.000	48	10.93	172	39.2 54.9	198	45.1 54.9
7	7.000	44	10.02	216	49.2 44.9	242	55.1 44.9
8	10.000	53	12.07	269	61.3 32.8	295	67.2 32.8
9	15.000	30	6.83	299	68.1 26.0	325	74.0 26.0
10	20.000	32	7.29	331	75.4 18.7	357	81.3 18.7
11	30.000	19	4.33	350	79.7 14.4	376	85.6 14.4
12	50.000	9	2.05	359	81.8 12.3	385	87.7 12.3
13	70.000	3	.68	362	82.5 11.6	388	88.4 11.6
14	100.000	6	1.37	368	83.8 10.3	394	89.7 10.3
15	150.000	6	1.37	374	85.2 8.9	400	91.1 8.9
16	200.000	3	.68	377	85.9 8.2	403	91.8 8.2
17	300.000	4	.91	381	86.8 7.3	407	92.7 7.3
18	500.000	2	.46	383	87.2 6.8	409	93.2 6.8
19	700.000	6	1.37	389	88.6 5.5	415	94.5 5.5
20	1000.000	3	.68	392	89.3 4.8	418	95.2 4.8
21	1500.000	1	.23	393	89.5 4.6	419	95.4 4.6
22	2000.000	3	.68	396	90.2 3.9	422	96.1 3.9
23	5000.000	1	.23	397	90.4 3.6	423	96.4 3.6
24	10000.000	1	.23	398	90.7 3.4	424	96.6 3.4
25	20000.000	4	.91	402	91.6 2.5	428	97.5 2.5
26	30000.000	5	1.14	407	92.7 1.4	433	98.6 1.4
27	50000.000	1	.23	408	92.9 1.1	434	98.9 1.1
28	70000.000	4	.91	412	93.8 .2	438	99.8 .2
29	100000.000	1	.23	413	94.1 .0	439	100.0 .0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	26	0	0	413	439	439
Percentages	.0	5.9	.0	.0	94.1		

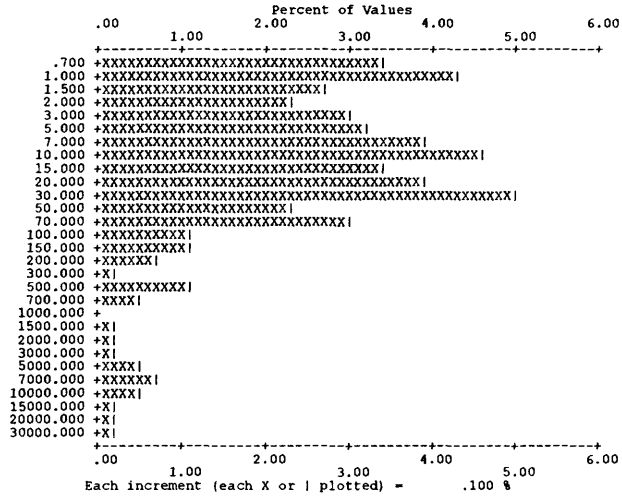


Appendix 4.--Histograms for rock samples...(continued).

Sb ppm-I

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.700	15	3.42	15	3.4 49.2	223	50.8 49.2
2	1.000	19	4.33	34	7.7 44.9	242	55.1 44.9
3	1.500	12	2.73	46	10.5 42.1	254	57.9 42.1
4	2.000	10	2.28	56	12.8 39.9	264	60.1 39.9
5	3.000	13	2.96	69	15.7 36.9	277	63.1 36.9
6	5.000	14	3.19	83	18.9 33.7	291	66.3 33.7
7	7.000	17	3.87	100	22.8 29.8	308	70.2 29.8
8	10.000	20	4.56	120	27.3 25.3	328	74.7 25.3
9	15.000	15	3.42	135	30.8 21.9	343	78.1 21.9
10	20.000	17	3.87	152	34.6 18.0	360	82.0 18.0
11	30.000	22	5.01	174	39.6 13.0	382	87.0 13.0
12	50.000	10	2.28	184	41.9 10.7	392	89.3 10.7
13	70.000	13	2.96	197	44.9 7.7	405	92.3 7.7
14	100.000	5	1.14	202	46.0 6.6	410	93.4 6.6
15	150.000	5	1.14	207	47.2 5.5	415	94.5 5.5
16	200.000	3	.68	210	47.8 4.8	418	95.2 4.8
17	300.000	1	.23	211	48.1 4.6	419	95.4 4.6
18	500.000	5	1.14	216	49.2 3.4	424	96.6 3.4
19	700.000	2	.46	218	49.7 3.0	426	97.0 3.0
20	1500.000	1	.23	219	49.9 2.7	427	97.3 2.7
21	2000.000	1	.23	220	50.1 2.5	428	97.5 2.5
22	3000.000	1	.23	221	50.3 2.3	429	97.7 2.3
23	5000.000	2	.46	223	50.8 1.8	431	98.2 1.8
24	7000.000	3	.68	226	51.5 1.1	434	98.9 1.1
25	10000.000	2	.46	228	51.9 .7	436	99.3 .7
26	15000.000	1	.23	229	52.2 .5	437	99.5 .5
27	20000.000	1	.23	230	52.4 .2	438	99.8 .2
28	30000.000	1	.23	231	52.6 .0	439	100.0 .0

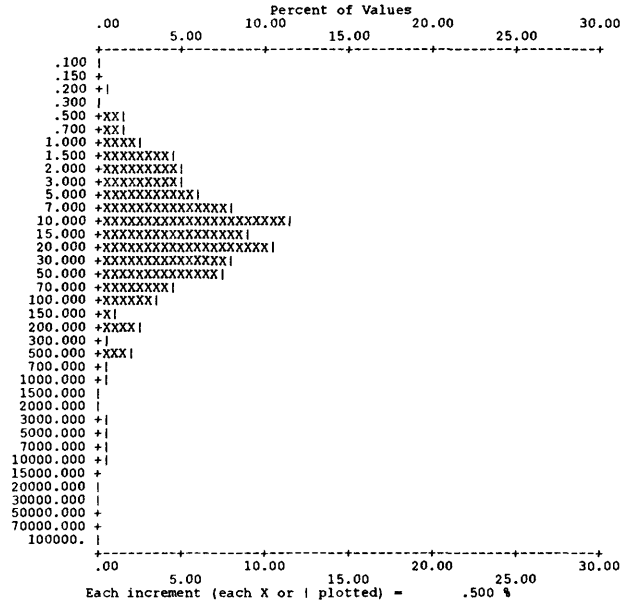
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	208	0	0	231	439	439
Percentages	.0	47.4	.0	.0	52.6		



Zn ppm-I

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.100	1	.23	1	.2 98.9	4	.9 99.1
2	.200	3	.68	4	.9 98.2	7	1.6 98.4
3	.300	1	.23	5	1.1 97.9	8	1.8 98.2
4	.500	6	1.37	11	2.5 96.6	14	3.2 96.8
5	.700	6	1.37	17	3.9 95.2	20	4.6 95.4
6	1.000	10	2.28	27	6.2 92.9	30	6.8 93.2
7	1.500	19	4.33	46	10.5 88.6	49	11.2 88.8
8	2.000	23	5.24	69	15.7 83.4	72	16.4 83.6
9	3.000	21	4.78	90	20.5 78.6	93	21.2 78.8
10	5.000	26	5.92	116	26.4 72.7	119	27.1 72.9
11	7.000	36	8.20	152	34.6 64.5	155	35.3 64.7
12	10.000	50	11.39	202	46.0 53.1	205	46.7 53.3
13	15.000	39	8.88	241	54.9 44.2	244	55.6 44.4
14	20.000	46	10.48	287	65.4 33.7	290	66.1 33.9
15	30.000	36	8.20	323	73.6 25.5	326	74.3 25.7
16	50.000	33	7.52	356	81.1 18.0	359	81.8 18.2
17	70.000	20	4.56	376	85.6 13.4	379	86.3 13.7
18	100.000	15	3.42	391	89.1 10.0	394	89.7 10.3
19	150.000	4	.91	395	90.0 9.1	398	90.7 9.3
20	200.000	11	2.51	406	92.5 6.6	409	93.2 6.8
21	300.000	3	.68	409	93.2 5.9	412	93.8 6.2
22	500.000	8	1.82	417	95.0 4.1	420	95.7 4.3
23	700.000	3	.68	420	95.7 3.4	423	96.4 3.6
24	1000.000	2	.46	422	96.1 3.0	425	96.8 3.2
25	1500.000	1	.23	423	96.4 2.7	426	97.0 3.0
26	2000.000	1	.23	424	96.6 2.5	427	97.3 2.7
27	3000.000	2	.46	426	97.0 2.1	429	97.7 2.3
28	5000.000	2	.46	428	97.5 1.6	431	98.2 1.8
29	7000.000	2	.46	430	97.9 1.1	433	98.6 1.4
30	10000.000	2	.46	432	98.4 .7	435	99.1 .9
31	20000.000	1	.23	433	98.6 .5	436	99.3 .7
32	30000.000	1	.23	434	98.9 .2	437	99.5 .5
33	100000.000	1	.23	435	99.1 .0	438	99.8 .2

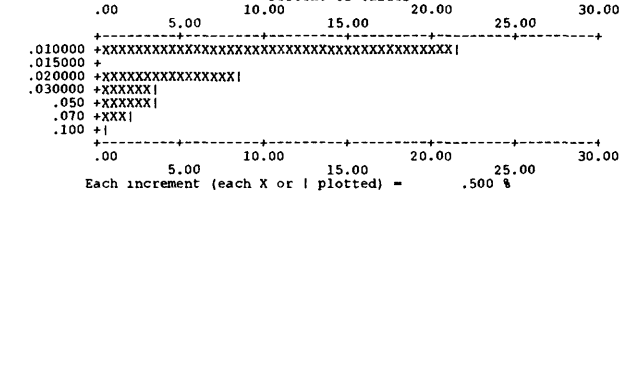
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	3	0	1	435	439	439
Percentages	.0	.7	.0	.2	99.1		



F pct-E

	Value	No.	%	Cum.	Cum. %	Tot Cum	Tot Cum %
1	.010	95	21.64	95	21.6 18.0	174	39.6 60.4
2	.020	38	8.66	133	30.3 9.3	212	48.3 51.7
3	.030	15	3.42	148	33.7 5.9	227	51.7 48.3
4	.050	15	3.42	163	37.1 2.5	242	55.1 44.9
5	.070	9	2.05	172	39.2 .5	251	57.2 42.8
6	.100	2	.46	174	39.6 .0	253	57.6 42.4

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	186	0	79	0	174	439	439
Percentages	42.4	.0	18.0	.0	39.6		



Appendix 4.--Histograms for rock samples...(continued).

Ca pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.050	31	7.06	31	7.1	65.4	112	25.5	74.5
2	.070	20	4.56	51	11.6	60.8	132	30.1	69.9
3	.100	21	4.78	72	16.4	56.0	153	34.9	65.1
4	.150	17	3.87	89	20.3	52.2	170	38.7	61.3
5	.200	24	5.47	113	25.7	46.7	194	44.2	55.8
6	.300	20	4.56	133	30.3	42.1	214	48.7	51.3
7	.500	16	3.64	149	33.9	38.5	230	52.4	47.6
8	.700	11	2.51	160	36.4	36.0	241	54.9	45.1
9	1.000	9	2.05	169	38.5	33.9	250	56.9	43.1
10	1.500	10	2.28	179	40.8	31.7	260	59.2	40.8
11	2.000	19	4.33	198	45.1	27.3	279	63.6	36.4
12	3.000	9	2.05	207	47.2	25.3	288	65.6	34.4
13	5.000	19	4.33	226	51.5	21.0	307	69.9	30.1
14	7.000	14	3.19	240	54.7	17.8	321	73.1	26.9
15	10.000	34	7.74	274	62.4	10.0	355	80.9	19.1
16	15.000	19	4.33	293	66.7	5.7	374	85.2	14.8
17	20.000	25	5.69	318	72.4	.0	399	90.9	9.1

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	48	33	40	318	439	439
Percentages	.0	10.9	7.5	9.1	72.4		

```
                          Percent of Values
        .00            10.00            20.00            30.00
                5.00            15.00            25.00
       +---------+---------+---------+---------+---------+---------+
  .050 +XXXXXXXXXXXXX|
  .070 +XXXXXXXX|
  .100 +XXXXXXXXX|
  .150 +XXXXXXX|
  .200 +XXXXXXXXXX|
  .300 +XXXXXXXX|
  .500 +XXXXXX|
  .700 +XXXX|
 1.000 +XXX|
 1.500 +XXXX|
 2.000 +XXXXXXXX|
 3.000 +XXX|
 5.000 +XXXXXXXX|
 7.000 +XXXXX|
10.000 +XXXXXXXXXXXXXX|
15.000 +XXXXXXXX|
20.000 +XXXXXXXXXX|
       +---------+---------+---------+---------+---------+---------+
        .00            10.00            20.00            30.00
                5.00            15.00            25.00
 Each increment (each X or | plotted) =        .500 %
```

Mg pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.020	18	4.10	18	4.1	88.6	44	10.0	90.0
2	.030	17	3.87	35	8.0	84.7	61	13.9	86.1
3	.050	35	7.97	70	15.9	76.8	96	21.9	78.1
4	.070	18	4.10	88	20.0	72.7	114	26.0	74.0
5	.100	36	8.20	124	28.2	64.5	150	34.2	65.8
6	.150	38	8.66	162	36.9	55.8	188	42.8	57.2
7	.200	46	10.48	208	47.4	45.3	234	53.3	46.7
8	.300	39	8.88	247	56.3	36.4	273	62.2	37.8
9	.500	27	6.15	274	62.4	30.3	300	68.3	31.7
10	.700	13	2.96	287	65.4	27.3	313	71.3	28.7
11	1.000	26	5.92	313	71.3	21.4	339	77.2	22.8
12	1.500	16	3.64	329	74.9	17.8	355	80.9	19.1
13	2.000	19	4.33	348	79.3	13.4	374	85.2	14.8
14	3.000	18	4.10	366	83.4	9.3	392	89.3	10.7
15	5.000	11	2.51	377	85.9	6.8	403	91.8	8.2
16	7.000	9	2.05	386	87.9	4.8	412	93.8	6.2
17	10.000	21	4.78	407	92.7	.0	433	98.6	1.4

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	2	24	6	407	439	439
Percentages	.0	.5	5.5	1.4	92.7		

```
                           Percent of Values
          .00            10.00            20.00            30.00
                  5.00            15.00            25.00
         +---------+---------+---------+---------+---------+---------+
 .020000 +XXXXXXX|
 .030000 +XXXXXXX|
    .050 +XXXXXXXXXXXXXXX|
    .070 +XXXXXXX|
    .100 +XXXXXXXXXXXXXXX|
    .150 +XXXXXXXXXXXXXXXX|
    .200 +XXXXXXXXXXXXXXXXXXXX|
    .300 +XXXXXXXXXXXXXXXXX|
    .500 +XXXXXXXXXXX|
    .700 +XXXXX|
   1.000 +XXXXXXXXXXX|
   1.500 +XXXXXX|
   2.000 +XXXXXXXX|
   3.000 +XXXXXXX|
   5.000 +XXXX|
   7.000 +XXX|
  10.000 +XXXXXXXXX|
         +---------+---------+---------+---------+---------+---------+
          .00            10.00            20.00            30.00
                  5.00            15.00            25.00
 Each increment (each X or | plotted) =        .500 %
```

Fe pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.050	17	3.87	17	3.9	90.2	40	9.1	90.9
2	.070	8	1.82	25	5.7	88.4	48	10.9	89.1
3	.100	16	3.64	41	9.3	84.7	64	14.6	85.4
4	.150	20	4.56	61	13.9	80.2	84	19.1	80.9
5	.200	29	6.61	90	20.5	73.6	113	25.7	74.3
6	.300	24	5.47	114	26.0	68.1	137	31.2	68.8
7	.500	44	10.02	158	36.0	58.1	181	41.2	58.8
8	.700	32	7.29	190	43.3	50.8	213	48.5	51.5
9	1.000	49	11.16	239	54.4	39.6	262	59.7	40.3
10	1.500	27	6.15	266	60.6	33.5	289	65.8	34.2
11	2.000	53	12.07	319	72.7	21.4	342	77.9	22.1
12	3.000	28	6.38	347	79.0	15.0	370	84.3	15.7
13	5.000	30	6.83	377	85.9	8.2	400	91.1	8.9
14	7.000	6	1.37	383	87.2	6.8	406	92.5	7.5
15	10.000	16	3.64	399	90.9	3.2	422	96.1	3.9
16	15.000	8	1.82	407	92.7	1.4	430	97.9	2.1
17	20.000	6	1.37	413	94.1	.0	436	99.3	.7

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	15	8	3	413	439	439
Percentages	.0	3.4	1.8	.7	94.1		

```
                          Percent of Values
        .00            10.00            20.00            30.00
                5.00            15.00            25.00
       +---------+---------+---------+---------+---------+---------+
  .050 +XXXXXXX|
  .070 +XXX|
  .100 +XXXXXX|
  .150 +XXXXXXXX|
  .200 +XXXXXXXXXXXX|
  .300 +XXXXXXXXXX|
  .500 +XXXXXXXXXXXXXXXXXXX|
  .700 +XXXXXXXXXXXXXX|
 1.000 +XXXXXXXXXXXXXXXXXXXXX|
 1.500 +XXXXXXXXXXX|
 2.000 +XXXXXXXXXXXXXXXXXXXXXXX|
 3.000 +XXXXXXXXXXXX|
 5.000 +XXXXXXXXXXXXX|
 7.000 +XX|
10.000 +XXXXXX|
15.000 +XXX|
20.000 +XX|
       +---------+---------+---------+---------+---------+---------+
        .00            10.00            20.00            30.00
                5.00            15.00            25.00
 Each increment (each X or | plotted) =        .500 %
```

Na pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.200	10	2.28	10	2.3	16.2	367	83.6	16.4
2	.300	7	1.59	17	3.9	14.6	374	85.2	14.8
3	.500	2	.46	19	4.3	14.1	376	85.6	14.4
4	.700	4	.91	23	5.2	13.2	380	86.6	13.4
5	1.000	6	1.37	29	6.6	11.8	386	87.9	12.1
6	1.500	3	.68	32	7.3	11.2	389	88.6	11.4
7	2.000	2	.46	34	7.7	10.7	391	89.1	10.9
8	3.000	23	5.24	57	13.0	5.5	414	94.3	5.7
9	5.000	24	5.47	81	18.5	.0	438	99.8	.2

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	344	13	1	81	439	439
Percentages	.0	78.4	3.0	.2	18.5		

```
                          Percent of Values
        .00             2.00             4.00             6.00
                1.00             3.00             5.00
       +---------+---------+---------+---------+---------+---------+
  .200 +XXXXXXXXXXXXXXXXXXXXXX|
  .300 +XXXXXXXXXXXXXXX|
  .500 +XXXX|
  .700 +XXXXXXXX|
 1.000 +XXXXXXXXXXXXX|
 1.500 +XXXXXX|
 2.000 +XXXX|
 3.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 5.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
       +---------+---------+---------+---------+---------+---------+
        .00             2.00             4.00             6.00
                1.00             3.00             5.00
 Each lincrement (each X or | plotted) =        .100 %
```

P pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.200	7	1.59	7	1.6	.9	435	99.1	.9
2	.300	1	.23	8	1.8	.7	436	99.3	.7
3	.500	3	.68	11	2.5	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	408	20	0	11	439	439
Percentages	.0	92.9	4.6	.0	2.5		

```
                          Percent of Values
        .00             2.00             4.00             6.00
                1.00             3.00             5.00
       +---------+---------+---------+---------+---------+---------+
  .200 +XXXXXXXXXXXXXXX|
  .300 +X|
  .500 +XXXXXX|
       +---------+---------+---------+---------+---------+---------+
        .00             2.00             4.00             6.00
                1.00             3.00             5.00
 Each increment (each X or | plotted) =        .100 %
```

Appendix 4.--Histograms for rock samples...(continued).

Ti pct-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.002	19	4.33	19	4.3	87.0	55	12.5	87.5
2	.003	15	3.42	34	7.7	83.6	70	15.9	84.1
3	.005	13	2.96	47	10.7	80.6	83	18.9	81.1
4	.007	19	4.33	66	15.0	76.3	102	23.2	76.8
5	.010	32	7.29	98	22.3	69.0	134	30.5	69.5
6	.015	18	4.10	116	26.4	64.9	152	34.6	65.4
7	.020	46	10.48	162	36.9	54.4	198	45.1	54.9
8	.030	37	8.43	199	45.3	46.0	235	53.5	46.5
9	.050	46	10.48	245	55.8	35.5	281	64.0	36.0
10	.070	27	6.15	272	62.0	29.4	308	70.2	29.8
11	.100	36	8.20	308	70.2	21.2	344	78.4	21.6
12	.150	25	5.69	333	75.9	15.5	369	84.1	15.9
13	.200	21	4.78	354	80.6	10.7	390	88.8	11.2
14	.300	15	3.42	369	84.1	7.3	405	92.3	7.7
15	.500	15	3.42	384	87.5	3.9	420	95.7	4.3
16	.700	8	1.82	392	89.3	2.1	428	97.5	2.5
17	1.000	9	2.05	401	91.3	.0	437	99.5	.5

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	20	16	2	401	439	439
Percentages	.0	4.6	3.6	.5	91.3		

```
                    Percent of Values
          .00              10.00              20.00              30.00
                5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
 .002000 +XXXXXXXX|
 .003000 +XXXXXX|
 .005000 +XXXXX|
 .007000 +XXXXXXXX|
 .010000 +XXXXXXXXXXXXXX|
 .015000 +XXXXXXX|
 .020000 +XXXXXXXXXXXXXXXXXXXX|
 .030000 +XXXXXXXXXXXXXXXX|
    .050 +XXXXXXXXXXXXXXXXXXXX|
    .070 +XXXXXXXXXXX|
    .100 +XXXXXXXXXXXXXXX|
    .150 +XXXXXXXXXX|
    .200 +XXXXXXXXX|
    .300 +XXXXXX|
    .500 +XXXXXX|
    .700 +XXX|
   1.000 +XXX|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                5.00               15.00              25.00
          Each increment (each X or | plotted) =       .500 %
```

Ag ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.500	14	3.19	14	3.2	15.0	373	85.0	15.0
2	.700	10	2.28	24	5.5	12.8	383	87.2	12.8
3	1.000	5	1.14	29	6.6	11.6	388	88.4	11.6
4	1.500	4	.91	33	7.5	10.7	392	89.3	10.7
5	2.000	6	1.37	39	8.9	9.3	398	90.7	9.3
6	3.000	2	.46	41	9.3	8.9	400	91.1	8.9
7	5.000	5	1.14	46	10.5	7.7	405	92.3	7.7
8	7.000	5	1.14	51	11.6	6.6	410	93.4	6.6
9	10.000	7	1.59	58	13.2	5.0	417	95.0	5.0
10	15.000	1	.23	59	13.4	4.8	418	95.2	4.8
11	20.000	3	.68	62	14.1	4.1	421	95.9	4.1
12	30.000	2	.46	64	14.6	3.6	423	96.4	3.6
13	50.000	1	.23	65	14.8	3.4	424	96.6	3.4
14	70.000	1	.23	66	15.0	3.2	425	96.8	3.2
15	100.000	3	.68	69	15.7	2.5	428	97.5	2.5
16	150.000	5	1.14	74	16.9	1.4	433	98.6	1.4
17	200.000	3	.68	77	17.5	.7	436	99.3	.7
18	2000.000	1	.23	78	17.8	.5	437	99.5	.5
19	3000.000	1	.23	79	18.0	.2	438	99.8	.2
20	5000.000	1	.23	80	18.2	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	343	16	0	80	439	439
Percentages	.0	78.1	3.6	.0	18.2		

```
                    Percent of Values
          .00              2.00               4.00               6.00
                1.00               3.00               5.00
          +---------+---------+---------+---------+---------+---------+
    .500 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
    .700 +XXXXXXXXXXXXXXXXXXXXXX|
   1.000 +XXXXXXXXXX|
   1.500 +XXXXXXXX|
   2.000 +XXXXXXXXXXXX|
   3.000 +XXXX|
   5.000 +XXXXXXXXXX|
   7.000 +XXXXXXXXXX|
  10.000 +XXXXXXXXXXXXXX|
  15.000 +X|
  20.000 +XXXXXX|
  30.000 +XXXX|
  50.000 +X|
  70.000 +X|
 100.000 +XXXXXX|
 150.000 +XXXXXXXXXX|
 200.000 +XXXXXX|
 300.000 +
 500.000 +
 700.000 +
1000.000 +
1500.000 +
2000.000 +X|
3000.000 +X|
5000.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00              1.00               2.00               3.00
                4.00               5.00               6.00
          Each increment (each X or | plotted) =       .100 %
```

As ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	200.000	11	2.51	11	2.5	5.0	417	95.0	5.0
2	300.000	6	1.37	17	3.9	3.6	423	96.4	3.6
3	500.000	5	1.14	22	5.0	2.5	428	97.5	2.5
4	700.000	3	.68	25	5.7	1.8	431	98.2	1.8
5	1000.000	4	.91	29	6.6	.9	435	99.1	.9
6	1500.000	2	.46	31	7.1	.5	437	99.5	.5
7	2000.000	2	.46	33	7.5	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	386	20	0	33	439	439
Percentages	.0	87.9	4.6	.0	7.5		

```
                    Percent of Values
          .00              2.00               4.00               6.00
                1.00               3.00               5.00
          +---------+---------+---------+---------+---------+---------+
 200.000 +XXXXXXXXXXXXXXXXXXXXXXXX|
 300.000 +XXXXXXXXXXXXX|
 500.000 +XXXXXXXXXX|
 700.000 +XXXXXX|
1000.000 +XXXXXXXX|
1500.000 +XXXX|
2000.000 +XXXX|
          +---------+---------+---------+---------+---------+---------+
          .00              2.00               4.00               6.00
                1.00               3.00               5.00
          Each increment (each X or | plotted) =       .100 %
```

B ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	40	9.11	40	9.1	21.4	345	78.6	21.4
2	15.000	17	3.87	57	13.0	17.5	362	82.5	17.5
3	20.000	18	4.10	75	17.1	13.4	380	86.6	13.4
4	30.000	14	3.19	89	20.3	10.3	394	89.7	10.3
5	50.000	19	4.33	108	24.6	5.9	413	94.1	5.9
6	70.000	13	2.96	121	27.6	3.0	426	97.0	3.0
7	100.000	3	.68	124	28.2	2.3	429	97.7	2.3
8	150.000	8	1.82	132	30.1	.5	437	99.5	.5
9	200.000	2	.46	134	30.5	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	228	77	0	134	439	439
Percentages	.0	51.9	17.5	.0	30.5		

```
                    Percent of Values
          .00              10.00              20.00              30.00
                5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
  10.000 +XXXXXXXXXXXXXXXXX|
  15.000 +XXXXXXX|
  20.000 +XXXXXXX|
  30.000 +XXXXX|
  50.000 +XXXXXXXX|
  70.000 +XXXXX|
 100.000 +|
 150.000 +XXX|
 200.000 +|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                5.00               15.00              25.00
          Each increment (each X or | plotted| =       .500 %
```

Ba ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	33	7.52	33	7.5	63.6	153	34.9	65.1
2	30.000	31	7.06	64	14.6	56.5	184	41.9	58.1
3	50.000	29	6.61	93	21.2	49.9	213	48.5	51.5
4	70.000	28	6.38	121	27.6	43.5	241	54.9	45.1
5	100.000	35	7.97	156	35.5	35.5	276	62.9	37.1
6	150.000	21	4.78	177	40.3	30.8	297	67.7	32.3
7	200.000	26	5.92	203	46.2	24.8	323	73.6	26.4
8	300.000	14	3.19	217	49.4	21.6	337	76.8	23.2
9	500.000	30	6.83	247	56.3	14.8	367	83.6	16.4
10	700.000	20	4.56	267	60.8	10.3	387	88.2	11.8
11	1000.000	18	4.10	285	64.9	6.2	405	92.3	7.7
12	1500.000	9	2.05	294	67.0	4.1	414	94.3	5.7
13	2000.000	10	2.28	304	69.2	1.8	424	96.6	3.4
14	3000.000	2	.46	306	69.7	1.4	426	97.0	3.0
15	5000.000	6	1.37	312	71.1	.0	432	98.4	1.6

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	69	51	7	312	439	439
Percentages	.0	15.7	11.6	1.6	71.1		

```
                    Percent of Values
          .00              10.00              20.00              30.00
                5.00               15.00              25.00
          +---------+---------+---------+---------+---------+---------+
  20.000 +XXXXXXXXXXXXXX|
  30.000 +XXXXXXXXXXXXX|
  50.000 +XXXXXXXXXXXX|
  70.000 +XXXXXXXXXXX|
 100.000 +XXXXXXXXXXXXX|
 150.000 +XXXXXXXXX|
 200.000 +XXXXXXXXXX|
 300.000 +XXXXX|
 500.000 +XXXXXXXXXXXXX|
 700.000 +XXXXXXXX|
1000.000 +XXXXXXX|
1500.000 +XXX|
2000.000 +XXXX|
3000.000 +|
5000.000 +XX|
          +---------+---------+---------+---------+---------+---------+
          .00              10.00              20.00              30.00
                5.00               15.00              25.00
          Each increment (each X or | plotted) =       .500 %
```

Appendix 4.--Histograms for rock samples...(continued).

Be ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	1.000	18	4.10	18	4.1	13.7	377	85.9	14.1
2	1.500	13	2.96	31	7.1	10.7	390	88.8	11.2
3	2.000	7	1.59	38	8.7	9.1	397	90.4	9.6
4	3.000	12	2.73	50	11.4	6.4	409	93.2	6.8
5	5.000	14	3.19	64	14.6	3.2	423	96.4	3.6
6	7.000	6	1.37	70	15.9	1.8	429	97.7	2.3
7	10.000	6	1.37	76	17.3	.5	435	99.1	.9
8	15.000	1	.23	77	17.5	.2	436	99.3	.7
9	50.000	1	.23	78	17.8	.0	437	99.5	.5

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	304	55	2	78	439	439
Percentages	.0	69.2	12.5	.5	17.8		

```
                         Percent of Values
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
        +---------+---------+---------+---------+---------+---------+
  1.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  1.500 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  2.000 +XXXXXXXXXXXXXXX|
  3.000 +XXXXXXXXXXXXXXXXXXXXXXXXXX|
  5.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  7.000 +XXXXXXXXXXXXX|
 10.000 +XXXXXXXXXXXXX|
 15.000 +X|
 20.000 +
 30.000 +
 50.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
      Each increment (each X or | plotted) =      .100 %
```

Bi ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	2	.46	2	.5	.9	435	99.1	.9
2	15.000	1	.23	3	.7	.7	436	99.3	.7
3	20.000	2	.46	5	1.1	.2	438	99.8	.2
4	70.000	1	.23	6	1.4	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	424	9	0	6	439	439
Percentages	.0	96.6	2.1	.0	1.4		

```
                         Percent of Values
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
        +---------+---------+---------+---------+---------+---------+
 10.000 +XXXX|
 15.000 +X|
 20.000 +XXXX|
 30.000 +
 50.000 +
 70.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
      Each increment (each X or | plotted) =      .100 %
```

Cd ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	2	.46	2	.5	1.6	432	98.4	1.6
2	30.000	3	.68	5	1.1	.9	435	99.1	.9
3	50.000	3	.68	8	1.8	.2	438	99.8	.2
4	70.000	1	.23	9	2.1	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	429	1	0	9	439	439
Percentages	.0	97.7	.2	.0	2.1		

```
                         Percent of Values
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
        +---------+---------+---------+---------+---------+---------+
 20.000 +XXXX|
 30.000 +XXXXXX|
 50.000 +XXXXXX|
 70.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
      Each increment (each X or | plotted) =      .100 %
```

Co ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	16	3.64	16	3.6	5.2	416	94.8	5.2
2	15.000	7	1.59	23	5.2	3.6	423	96.4	3.6
3	20.000	7	1.59	30	6.8	2.1	430	97.9	2.1
4	30.000	3	.68	33	7.5	1.4	433	98.6	1.4
5	50.000	2	.46	35	8.0	.9	435	99.1	.9
6	70.000	1	.23	36	8.2	.7	436	99.3	.7
7	150.000	1	.23	37	8.4	.5	437	99.5	.5
8	200.000	1	.23	38	8.7	.2	438	99.8	.2
9	300.000	1	.23	39	8.9	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	376	24	0	39	439	439
Percentages	.0	85.6	5.5	.0	8.9		

```
                         Percent of Values
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
        +---------+---------+---------+---------+---------+---------+
 10.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 15.000 +XXXXXXXXXXXXXXX|
 20.000 +XXXXXXXXXXXXXXX|
 30.000 +XXXXXX|
 50.000 +XXXX|
 70.000 +X|
100.000 +
150.000 +X|
200.000 +X|
300.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00             2.00            4.00            6.00
                1.00            3.00            5.00
      Each increment (each X or | plotted) =      .100 %
```

Cr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	28	6.38	28	6.4	13.4	380	86.6	13.4
2	15.000	5	1.14	33	7.5	12.3	385	87.7	12.3
3	20.000	10	2.28	43	9.8	10.0	395	90.0	10.0
4	30.000	9	2.05	52	11.8	8.0	404	92.0	8.0
5	50.000	6	1.37	58	13.2	6.6	410	93.4	6.6
6	70.000	9	2.05	67	15.3	4.6	419	95.4	4.6
7	100.000	3	.68	70	15.9	3.9	422	96.1	3.9
8	150.000	3	.68	73	16.6	3.2	425	96.8	3.2
9	200.000	6	1.37	79	18.0	1.8	431	98.2	1.8
10	300.000	2	.46	81	18.5	1.4	433	98.6	1.4
11	500.000	4	.91	85	19.4	.5	437	99.5	.5
12	1000.000	1	.23	86	19.6	.2	438	99.8	.2
13	2000.000	1	.23	87	19.8	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	292	60	0	87	439	439
Percentages	.0	66.5	13.7	.0	19.8		

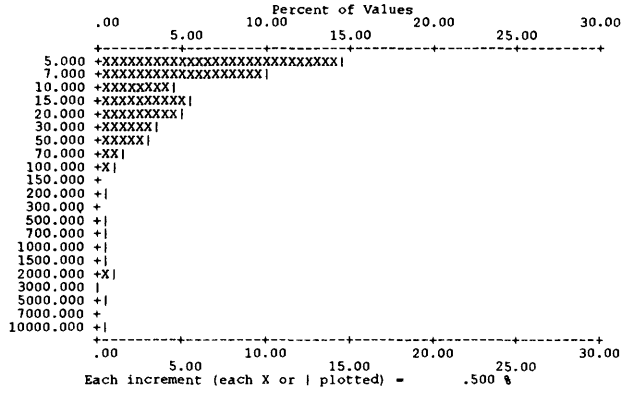
```
                          Percent of Values
         .00             10.00           20.00           30.00
                 5.00            15.00           25.00
         +---------+---------+---------+---------+---------+---------+
  10.000 +XXXXXXXXXXXX|
  15.000 +X|
  20.000 +XXXX|
  30.000 +XXX|
  50.000 +XX|
  70.000 +XXX|
 100.000 +|
 150.000 +|
 200.000 +XX|
 300.000 +|
 500.000 +X|
 700.000 +
1000.000 |
1500.000 +
2000.000 |
         +---------+---------+---------+---------+---------+---------+
         .00             10.00           20.00           30.00
                 5.00            15.00           25.00
       Each increment (each X or | plotted) =      .500 %
```

Appendix 4.--Histograms for rock samples...(continued).

Cu ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	63	14.35	63	14.4	39.0	267	60.8	39.2
2	7.000	44	10.02	107	24.4	28.9	311	70.8	29.2
3	10.000	19	4.33	126	28.7	24.6	330	75.2	24.8
4	15.000	24	5.47	150	34.2	19.1	354	80.6	19.4
5	20.000	22	5.01	172	39.2	14.1	376	85.6	14.4
6	30.000	15	3.42	187	42.6	10.7	391	89.1	10.9
7	50.000	13	2.96	200	45.6	7.7	404	92.0	8.0
8	70.000	7	1.59	207	47.2	6.2	411	93.6	6.4
9	100.000	5	1.14	212	48.3	5.0	416	94.8	5.2
10	200.000	2	.46	214	48.7	4.6	418	95.2	4.8
11	500.000	2	.46	216	49.2	4.1	420	95.7	4.3
12	700.000	3	.68	219	49.9	3.4	423	96.4	3.6
13	1000.000	2	.46	221	50.3	3.0	425	96.8	3.2
14	1500.000	2	.46	223	50.8	2.5	427	97.3	2.7
15	2000.000	4	.91	227	51.7	1.6	431	98.2	1.8
16	3000.000	1	.23	228	51.9	1.4	432	98.4	1.6
17	5000.000	3	.68	231	52.6	.7	435	99.1	.9
18	10000.000	3	.68	234	53.3	.0	438	99.8	.2

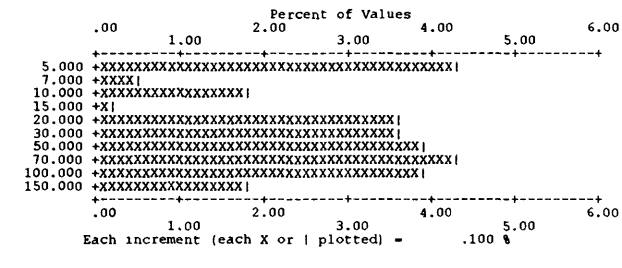
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	146	58	1	234	439	439
Percentages	.0	33.3	13.2	.2	53.3		



Ga ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	19	4.33	19	4.3	23.7	335	76.3	23.7
2	7.000	2	.46	21	4.8	23.2	337	76.8	23.2
3	10.000	8	1.82	29	6.6	21.4	345	78.6	21.4
4	15.000	1	.23	30	6.8	21.2	346	78.8	21.2
5	20.000	16	3.64	46	10.5	17.5	362	82.5	17.5
6	30.000	16	3.64	62	14.1	13.9	378	86.1	13.9
7	50.000	17	3.87	79	18.0	10.0	395	90.0	10.0
8	70.000	19	4.33	98	22.3	5.7	414	94.3	5.7
9	100.000	17	3.87	115	26.2	1.8	431	98.2	1.8
10	150.000	8	1.82	123	28.0	.0	439	100.0	.0

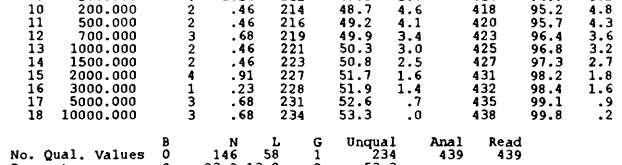
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	270	46	0	123	439	439
Percentages	.0	61.5	10.5	.0	28.0		



La ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	50.000	16	3.64	16	3.6	2.1	430	97.9	2.1
2	70.000	6	1.37	22	5.0	.7	436	99.3	.7
3	100.000	2	.46	24	5.5	.2	438	99.8	.2
4	150.000	1	.23	25	5.7	.0	439	100.0	.0

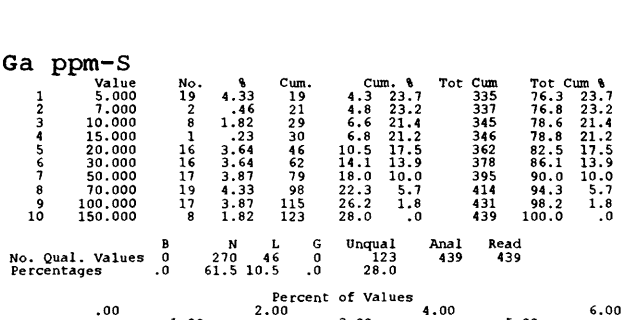
	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	387	27	0	25	439	439
Percentages	.0	88.2	6.2	.0	5.7		



Mn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	43	9.79	43	9.8	69.9	125	28.5	71.5
2	15.000	31	7.06	74	16.9	62.9	156	35.5	64.5
3	20.000	30	6.83	104	23.7	56.0	186	42.4	57.6
4	30.000	35	7.97	139	31.7	48.1	221	50.3	49.7
5	50.000	33	7.52	172	39.2	40.5	254	57.9	42.1
6	70.000	29	6.61	201	45.8	33.9	283	64.5	35.5
7	100.000	40	9.11	241	54.9	24.8	323	73.6	26.4
8	150.000	32	7.29	273	62.2	17.5	355	80.9	19.1
9	200.000	21	4.78	294	67.0	12.8	376	85.6	14.4
10	300.000	13	2.96	307	69.9	9.8	389	88.6	11.4
11	500.000	14	3.19	321	73.1	6.6	403	91.8	8.2
12	700.000	8	1.82	329	74.9	4.8	411	93.6	6.4
13	1000.000	7	1.59	336	76.5	3.2	418	95.2	4.8
14	1500.000	4	.91	340	77.4	2.3	422	96.1	3.9
15	2000.000	3	.68	343	78.1	1.6	425	96.8	3.2
16	3000.000	1	.23	344	78.4	1.4	426	97.0	3.0
17	5000.000	6	1.37	350	79.7	.0	432	98.4	1.6

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	38	44	7	350	439	439
Percentages	.0	8.7	10.0	1.6	79.7		



Mo ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	17	3.87	17	3.9	7.3	407	92.7	7.3
2	7.000	5	1.14	22	5.0	6.2	412	93.8	6.2
3	10.000	7	1.59	29	6.6	4.6	419	95.4	4.6
4	15.000	7	1.59	36	8.2	3.0	426	97.0	3.0
5	20.000	5	1.14	41	9.3	1.8	431	98.2	1.8
6	30.000	3	.68	44	10.0	1.1	434	98.9	1.1
7	70.000	1	.23	45	10.3	.9	435	99.1	.9
8	150.000	2	.46	47	10.7	.5	437	99.5	.5
9	200.000	2	.46	49	11.2	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	351	39	0	49	439	439
Percentages	.0	80.0	8.9	.0	11.2		

Appendix 4.--Histograms for rock samples...(continued).

Nb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	4	.91	4	.9	1.1	434	98.9	1.1
2	30.000	2	.46	6	1.4	.7	436	99.3	.7
3	50.000	3	.68	9	2.1	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	405	25	0	9	439	439
Percentages	.0	92.3	5.7	.0	2.1		

```
                     Percent of Values
         .00           2.00           4.00           6.00
                1.00           3.00           5.00
         +---------+---------+---------+---------+---------+---------+
  20.000 +XXXXXXXX|
  30.000 +XXXX|
  50.000 +XXXXXX|
         +---------+---------+---------+---------+---------+---------+
         .00           2.00           4.00           6.00
                1.00           3.00           5.00
         Each increment (each X or | plotted) =      .100 %
```

Ni ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	49	11.16	49	11.2	22.8	339	77.2	22.8
2	7.000	28	6.38	77	17.5	16.4	367	83.6	16.4
3	10.000	21	4.78	98	22.3	11.6	388	88.4	11.6
4	15.000	14	3.19	112	25.5	8.4	402	91.6	8.4
5	20.000	11	2.51	123	28.0	5.9	413	94.1	5.9
6	30.000	7	1.59	130	29.6	4.3	420	95.7	4.3
7	50.000	7	1.59	137	31.2	2.7	427	97.3	2.7
8	70.000	3	.68	140	31.9	2.1	430	97.9	2.1
9	100.000	4	.91	144	32.8	1.1	434	98.9	1.1
10	200.000	4	.91	148	33.7	.2	438	99.8	.2
11	500.000	1	.23	149	33.9	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	188	102	0	149	439	439
Percentages	.0	42.8	23.2	.0	33.9		

```
                     Percent of Values
         .00           10.00          20.00          30.00
                5.00           15.00          25.00
         +---------+---------+---------+---------+---------+---------+
   5.000 +XXXXXXXXXXXXXXXXXXXXX|
   7.000 +XXXXXXXXXXXX|
  10.000 +XXXXXXXXX|
  15.000 +XXXXX|
  20.000 +XXXX|
  30.000 +XX|
  50.000 +XX|
  70.000 +|
 100.000 +X|
 150.000 +
 200.000 +X|
 300.000 +
 500.000 |
         +---------+---------+---------+---------+---------+---------+
         .00           10.00          20.00          30.00
                5.00           15.00          25.00
         Each increment (each X or | plotted) =      .500 %
```

Pb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	21	4.78	21	4.8	26.0	321	73.1	26.9
2	15.000	24	5.47	45	10.3	20.5	345	78.6	21.4
3	20.000	18	4.10	63	14.4	16.4	363	82.7	17.3
4	30.000	16	3.64	79	18.0	12.8	379	86.3	13.7
5	50.000	9	2.05	88	20.0	10.7	388	88.4	11.6
6	70.000	9	2.05	97	22.1	8.7	397	90.4	9.6
7	100.000	2	.46	99	22.6	8.2	399	90.9	9.1
8	150.000	4	.91	103	23.5	7.3	403	91.8	8.2
9	200.000	5	1.14	108	24.6	6.2	408	92.9	7.1
10	300.000	4	.91	112	25.5	5.2	412	93.8	6.2
11	500.000	3	.68	115	26.2	4.6	415	94.5	5.5
12	700.000	4	.91	119	27.1	3.6	419	95.4	4.6
13	1000.000	3	.68	122	27.8	3.0	422	96.1	3.9
14	2000.000	1	.23	123	28.0	2.7	423	96.4	3.6
15	5000.000	1	.23	124	28.2	2.5	424	96.6	3.4
16	7000.000	2	.46	126	28.7	2.1	426	97.0	3.0
17	10000.000	5	1.14	131	29.8	.9	431	98.2	1.8
18	15000.000	1	.23	132	30.1	.7	432	98.4	1.6
19	20000.000	3	.68	135	30.8	.0	435	99.1	.9

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	263	37	4	135	439	439
Percentages	.0	59.9	8.4	.9	30.8		

```
                       Percent of Values
           .00           2.00           4.00           6.00
                  1.00           3.00           5.00
           +---------+---------+---------+---------+---------+---------+
    10.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
    15.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
    20.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
    30.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
    50.000 +XXXXXXXXXXXXXXXXXXXX|
    70.000 +XXXXXXXXXXXXXXXXXXXX|
   100.000 +XXXX|
   150.000 +XXXXXXXX|
   200.000 +XXXXXXXXXX|
   300.000 +XXXXXXXX|
   500.000 +XXXXXX|
   700.000 +XXXXXXXX|
  1000.000 +XXXXXX|
  1500.000 +
  2000.000 +X|
  3000.000 +
  5000.000 +X|
  7000.000 +XXXX|
 10000.000 +XXXXXXXXXX|
 15000.000 +X|
 20000.000 +XXXXXX|
           +---------+---------+---------+---------+---------+---------+
           .00           2.00           4.00           6.00
                  1.00           3.00           5.00
           Each increment (each X or | plotted) =      .100 %
```

Sb ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	100.000	5	1.14	5	1.1	5.0	417	95.0	5.0
2	150.000	1	.23	6	1.4	4.8	418	95.2	4.8
3	200.000	3	.68	9	2.1	4.1	421	95.9	4.1
4	300.000	2	.46	11	2.5	3.6	423	96.4	3.6
5	500.000	1	.23	12	2.7	3.4	424	96.6	3.4
6	700.000	2	.46	14	3.2	3.0	426	97.0	3.0
7	1000.000	3	.68	17	3.9	2.3	429	97.7	2.3
8	1500.000	2	.46	19	4.3	1.8	431	98.2	1.8
9	3000.000	4	.91	23	5.2	.9	435	99.1	.9
10	5000.000	3	.68	26	5.9	.2	438	99.8	.2
11	7000.000	1	.23	27	6.2	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	403	9	0	27	439	439
Percentages	.0	91.8	2.1	.0	6.2		

```
                      Percent of Values
          .00           2.00           4.00           6.00
                 1.00           3.00           5.00
          +---------+---------+---------+---------+---------+---------+
  100.000 +XXXXXXXXXX|
  150.000 +X|
  200.000 +XXXXXX|
  300.000 +XXXX|
  500.000 +X|
  700.000 +XXXX|
 1000.000 +XXXXXX|
 1500.000 +XXXX|
 2000.000 +
 3000.000 +XXXXXXXX|
 5000.000 +XXXXXX|
 7000.000 +X|
          +---------+---------+---------+---------+---------+---------+
          .00           2.00           4.00           6.00
                 1.00           3.00           5.00
          Each increment (each X or | plotted) =      .100 %
```

Sc ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	5.000	9	2.05	9	2.1	5.2	416	94.8	5.2
2	7.000	9	2.05	18	4.1	3.2	425	96.8	3.2
3	10.000	4	.91	22	5.0	2.3	429	97.7	2.3
4	15.000	8	1.82	30	6.8	.5	437	99.5	.5
5	20.000	1	.23	31	7.1	.2	438	99.8	.2
6	30.000	1	.23	32	7.3	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	376	31	0	32	439	439
Percentages	.0	85.6	7.1	.0	7.3		

```
                    Percent of Values
        .00           2.00           4.00           6.00
               1.00           3.00           5.00
        +---------+---------+---------+---------+---------+---------+
  5.000 +XXXXXXXXXXXXXXXXXXXX|
  7.000 +XXXXXXXXXXXXXXXXXXXX|
 10.000 +XXXXXXXX|
 15.000 +XXXXXXXXXXXXXXXXX|
 20.000 +X|
 30.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00           2.00           4.00           6.00
               1.00           3.00           5.00
        Each increment (each X or | plotted) =      .100 %
```

Sn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	30.000	1	.23	1	.2	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	436	2	0	1	439	439
Percentages	.0	99.3	.5	.0	.2		

```
                    Percent of Values
        .00           2.00           4.00           6.00
               1.00           3.00           5.00
        +---------+---------+---------+---------+---------+---------+
 30.000 +X|
        +---------+---------+---------+---------+---------+---------+
        .00           2.00           4.00           6.00
               1.00           3.00           5.00
        Each increment (each X or | plotted) =      .100 %
```

Appendix 4.--Histograms for rock samples...(continued).

Sr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	100.000	21	4.78	21	4.8	6.6	408	92.9	7.1
2	150.000	20	4.56	41	9.3	2.1	428	97.5	2.5
3	200.000	1	.23	42	9.6	1.8	429	97.7	2.3
4	300.000	2	.46	44	10.0	1.4	431	98.2	1.8
5	500.000	2	.46	46	10.5	.9	433	98.6	1.4
6	700.000	1	.23	47	10.7	.7	434	98.9	1.1
7	1000.000	1	.23	48	10.9	.5	435	99.1	.9
8	2000.000	1	.23	49	11.2	.2	436	99.3	.7
9	5000.000	1	.23	50	11.4	.0	437	99.5	.5

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	351	36	2	50	439	439
Percentages	.0	80.0	8.2	.5	11.4		

```
                          Percent of Values
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
          +---------+---------+---------+---------+---------+---------+
 100.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 150.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 200.000 +X|
 300.000 +XXXX|
 500.000 +XXXX|
 700.000 +X|
1000.000 +X|
1500.000 +
2000.000 +X|
3000.000 +
5000.000 +X|
          +---------+---------+---------+---------+---------+---------+
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
        Each increment (each X or | plotted) =        .100 %
```

V ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	50	11.39	50	11.4	43.1	250	56.9	43.1
2	15.000	39	8.88	89	20.3	34.2	289	65.8	34.2
3	20.000	32	7.29	121	27.6	26.9	321	73.1	26.9
4	30.000	33	7.52	154	35.1	19.4	354	80.6	19.4
5	50.000	20	4.56	174	39.6	14.8	374	85.2	14.8
6	70.000	15	3.42	189	43.1	11.4	389	88.6	11.4
7	100.000	25	5.69	214	48.7	5.7	414	94.3	5.7
8	150.000	10	2.28	224	51.0	3.4	424	96.6	3.4
9	200.000	4	.91	228	51.9	2.5	428	97.5	2.5
10	300.000	5	1.14	233	53.1	1.4	433	98.6	1.4
11	500.000	3	.68	236	53.8	.7	436	99.3	.7
12	700.000	1	.23	237	54.0	.5	437	99.5	.5
13	1000.000	1	.23	238	54.2	.2	438	99.8	.2
14	1500.000	1	.23	239	54.4	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	124	76	0	239	439	439
Percentages	.0	28.2	17.3	.0	54.4		

```
                          Percent of Values
         .00           10.00             20.00            30.00
                 5.00            15.00            25.00
          +---------+---------+---------+---------+---------+---------+
  10.000 +XXXXXXXXXXXXXXXXXXXXXX|
  15.000 +XXXXXXXXXXXXXXXXX|
  20.000 +XXXXXXXXXXXXXX|
  30.000 +XXXXXXXXXXXXXX|
  50.000 +XXXXXXXX|
  70.000 +XXXXXX|
 100.000 +XXXXXXXXXX|
 150.000 +XXXX|
 200.000 +X|
 300.000 +X|
 500.000 +|
 700.000 |
1000.000 |
1500.000 |
          +---------+---------+---------+---------+---------+---------+
         .00           10.00             20.00            30.00
                 5.00            15.00            25.00
        Each increment (each X or | plotted) =        .500 %
```

W ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	20.000	5	1.14	5	1.1	2.1	430	97.9	2.1
2	30.000	6	1.37	11	2.5	.7	436	99.3	.7
3	50.000	3	.68	14	3.2	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	412	13	0	14	439	439
Percentages	.0	93.8	3.0	.0	3.2		

```
                          Percent of Values
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
          +---------+---------+---------+---------+---------+---------+
  20.000 +XXXXXXXXXX|
  30.000 +XXXXXXXXXXXXX|
  50.000 +XXXXXX|
          +---------+---------+---------+---------+---------+---------+
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
        Each increment (each X or | plotted) =        .100 %
```

Y ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	25	5.69	25	5.7	5.7	414	94.3	5.7
2	15.000	11	2.51	36	8.2	3.2	425	96.8	3.2
3	20.000	8	1.82	44	10.0	1.4	433	98.6	1.4
4	30.000	3	.68	47	10.7	.7	436	99.3	.7
5	50.000	1	.23	48	10.9	.5	437	99.5	.5
6	70.000	2	.46	50	11.4	.0	439	100.0	.0

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	352	37	0	50	439	439
Percentages	.0	80.2	8.4	.0	11.4		

```
                          Percent of Values
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
          +---------+---------+---------+---------+---------+---------+
  10.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  15.000 +XXXXXXXXXXXXXXXXXXXXXXXX|
  20.000 +XXXXXXXXXXXXXXXXX|
  30.000 +XXXXXX|
  50.000 +X|
  70.000 +XXXX|
          +---------+---------+---------+---------+---------+---------+
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
        Each increment (each X or | plotted) =        .100 %
```

Zn ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	200.000	5	1.14	5	1.1	5.2	412	93.8	6.2
2	300.000	4	.91	9	2.1	4.3	416	94.8	5.2
3	500.000	4	.91	13	3.0	3.4	420	95.7	4.3
4	700.000	2	.46	15	3.4	3.0	422	96.1	3.9
5	1000.000	3	.68	18	4.1	2.3	425	96.8	3.2
6	1500.000	3	.68	21	4.8	1.6	428	97.5	2.5
7	2000.000	2	.46	23	5.2	1.1	430	97.9	2.1
8	3000.000	3	.68	26	5.9	.5	433	98.6	1.4
9	5000.000	1	.23	27	6.2	.2	434	98.9	1.1
10	10000.000	1	.23	28	6.4	.0	435	99.1	.9

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	397	10	4	28	439	439
Percentages	.0	90.4	2.3	.9	6.4		

```
                          Percent of Values
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
          +---------+---------+---------+---------+---------+---------+
  200.000 +XXXXXXXXXX|
  300.000 +XXXXXXXX|
  500.000 +XXXXXXXX|
  700.000 +XXXX|
 1000.000 +XXXXXX|
 1500.000 +XXXXXX|
 2000.000 +XXXX|
 3000.000 +XXXXXX|
 5000.000 +X|
 7000.000 +
10000.000 +X|
          +---------+---------+---------+---------+---------+---------+
         .00           2.00              4.00             6.00
                 1.00            3.00             5.00
        Each increment (each X or | plotted) =        .100 %
```

Zr ppm-S

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	10.000	39	8.88	39	8.9	51.0	213	48.5	51.5
2	15.000	23	5.24	62	14.1	45.8	236	53.8	46.2
3	20.000	31	7.06	93	21.2	38.7	267	60.8	39.2
4	30.000	25	5.69	118	26.9	33.0	292	66.5	33.5
5	50.000	32	7.29	150	34.2	25.7	324	73.8	26.2
6	70.000	29	6.61	179	40.8	19.1	353	80.4	19.6
7	100.000	31	7.06	210	47.8	12.1	384	87.5	12.5
8	150.000	20	4.56	230	52.4	7.5	404	92.0	8.0
9	200.000	17	3.87	247	56.3	3.6	421	95.9	4.1
10	300.000	5	1.14	252	57.4	2.5	426	97.0	3.0
11	500.000	4	.91	256	58.3	1.6	430	97.9	2.1
12	700.000	3	.68	259	59.0	.9	433	98.6	1.4
13	1000.000	4	.91	263	59.9	.0	437	99.5	.5

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	0	123	51	2	263	439	439
Percentages	.0	28.0	11.6	.5	59.9		

```
                          Percent of Values
         .00           10.00             20.00            30.00
                 5.00            15.00            25.00
          +---------+---------+---------+---------+---------+---------+
  10.000 +XXXXXXXXXXXXXXXXX|
  15.000 +XXXXXXXXX|
  20.000 +XXXXXXXXXXXXX|
  30.000 +XXXXXXXXXX|
  50.000 +XXXXXXXXXXXXXX|
  70.000 +XXXXXXXXXXXX|
 100.000 +XXXXXXXXXXXXX|
 150.000 +XXXXXXXX|
 200.000 +XXXXXXX|
 300.000 +X|
 500.000 +X|
 700.000 +|
1000.000 +X|
          +---------+---------+---------+---------+---------+---------+
         .00           10.00             20.00            30.00
                 5.00            15.00            25.00
        Each increment (each X or | plotted) =        .500 %
```

Appendix 4.--Histograms for rock samples...(continued).

Se ppm-H

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	.100	33	7.52	33	7.5	19.1	65	14.8	85.2
2	.200	33	7.52	66	15.0	11.6	98	22.3	77.7
3	.300	12	2.73	78	17.8	8.9	110	25.1	74.9
4	.500	18	4.10	96	21.9	4.8	128	29.2	70.8
5	.700	8	1.82	104	23.7	3.0	136	31.0	69.0
6	1.000	4	.91	108	24.6	2.1	140	31.9	68.1
7	1.500	4	.91	112	25.5	1.1	144	32.8	67.2
8	2.000	2	.46	114	26.0	.7	146	33.3	66.7
9	3.000	1	.23	115	26.2	.5	147	33.5	66.5
10	10.000	2	.46	117	26.7	.0	149	33.9	66.1

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	290	0	32	0	117	439	439
Percentages	66.1	.0	7.3	.0	26.7		

Percent of Values

```
          .00          10.00          20.00          30.00
                 5.00          15.00          25.00
          +---------+---------+---------+---------+---------+---------+
     .100 +XXXXXXXXXXXXXX|
     .150 +
     .200 +XXXXXXXXXXXXXX|
     .300 +XXXX|
     .500 +XXXXXXX|
     .700 +XXX|
    1.000 +X|
    1.500 +X|
    2.000 +|
    3.000 |
    5.000 +
    7.000 +
   10.000 +|
          +---------+---------+---------+---------+---------+---------+
          .00          10.00          20.00          30.00
                 5.00          15.00          25.00
        Each increment (each X or | plotted) =       .500 %
```

W ppm-V

	Value	No.	%	Cum.	Cum. %		Tot Cum	Tot Cum %	
1	1.000	34	7.74	34	7.7	17.8	69	15.7	84.3
2	2.000	22	5.01	56	12.8	12.8	91	20.7	79.3
3	3.000	11	2.51	67	15.3	10.3	102	23.2	76.8
4	5.000	18	4.10	85	19.4	6.2	120	27.3	72.7
5	7.000	15	3.42	100	22.8	2.7	135	30.8	69.2
6	10.000	4	.91	104	23.7	1.8	139	31.7	68.3
7	20.000	3	.68	107	24.4	1.1	142	32.3	67.7
8	30.000	3	.68	110	25.1	.5	145	33.0	67.0
9	50.000	1	.23	111	25.3	.2	146	33.3	66.7
10	70.000	1	.23	112	25.5	.0	147	33.5	66.5

	B	N	L	G	Unqual	Anal	Read
No. Qual. Values	292	35	0	0	112	439	439
Percentages	66.5	8.0	.0	.0	25.5		

Percent of Values

```
          .00          10.00          20.00          30.00
                 5.00          15.00          25.00
          +---------+---------+---------+---------+---------+---------+
    1.000 +XXXXXXXXXXXXXX|
    1.500 +
    2.000 +XXXXXXXXX|
    3.000 +XXXX|
    5.000 +XXXXXXX|
    7.000 +XXXXXX|
   10.000 +X|
   15.000 +
   20.000 +|
   30.000 +|
   50.000 |
   70.000 |
          +---------+---------+---------+---------+---------+---------+
          .00          10.00          20.00          30.00
                 5.00          15.00          25.00
        Each increment (each X or | plotted) =       .500 %
```