UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

CHEMICAL DATA FOR SAMPLES OF ROCK, STREAM-SEDIMENT, AND NONMAGNETIC DENSE-MINERAL CONCENTRATE IN THE WHITE MOUNTAINS, BLANCO MOUNTAIN, BIRCH CREEK, AND BLACK CANYON ROADLESS AREAS, WHITE MOUNTAINS, CALIFORNIA AND NEVADA

By

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STUDIES RELATED TO WILDERNESS

The Wilderness Act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey and the U.S. Bureau of Mines to survey certain areas on Federal lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical survey of the White Mountains (A5058), Blanco Mountain (5059), Birch Creek (5060), and Black Canyon (5061) Roadless Areas in the Inyo National Forest, Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada. White Mountains, Blanco Mountain, Birch Creek, and Black Canyon Roadless Areas were classified as further planning areas during the Second Roadless Area Review and Evaluation (RARE II) by the U.S. Forest Service, January 1979.

INTRODUCTION

A helicopter-assisted geochemical sampling program was conducted in the roadless areas within the White Mountains of Inyo National Forest during the summer of 1980. The four study areas are located in Inyo and Mono Counties in eastern California and Esmeralda and Mineral Counties in western Nevada (fig. 1). Locations of all sampling sites are shown on plate 1. Information regarding analytical limits and reporting is given in tables 1 through 3. Statistical summaries for the elements measured are given in tables 4 through 6; frequency tables and histograms for samples of rock, stream sediment, and nonmagnetic dense-mineral concentrate are given in tables 7, 8, and 9, respectively. A complete listing of the analyses along with geographic coordinates is given in tables 10 through 12

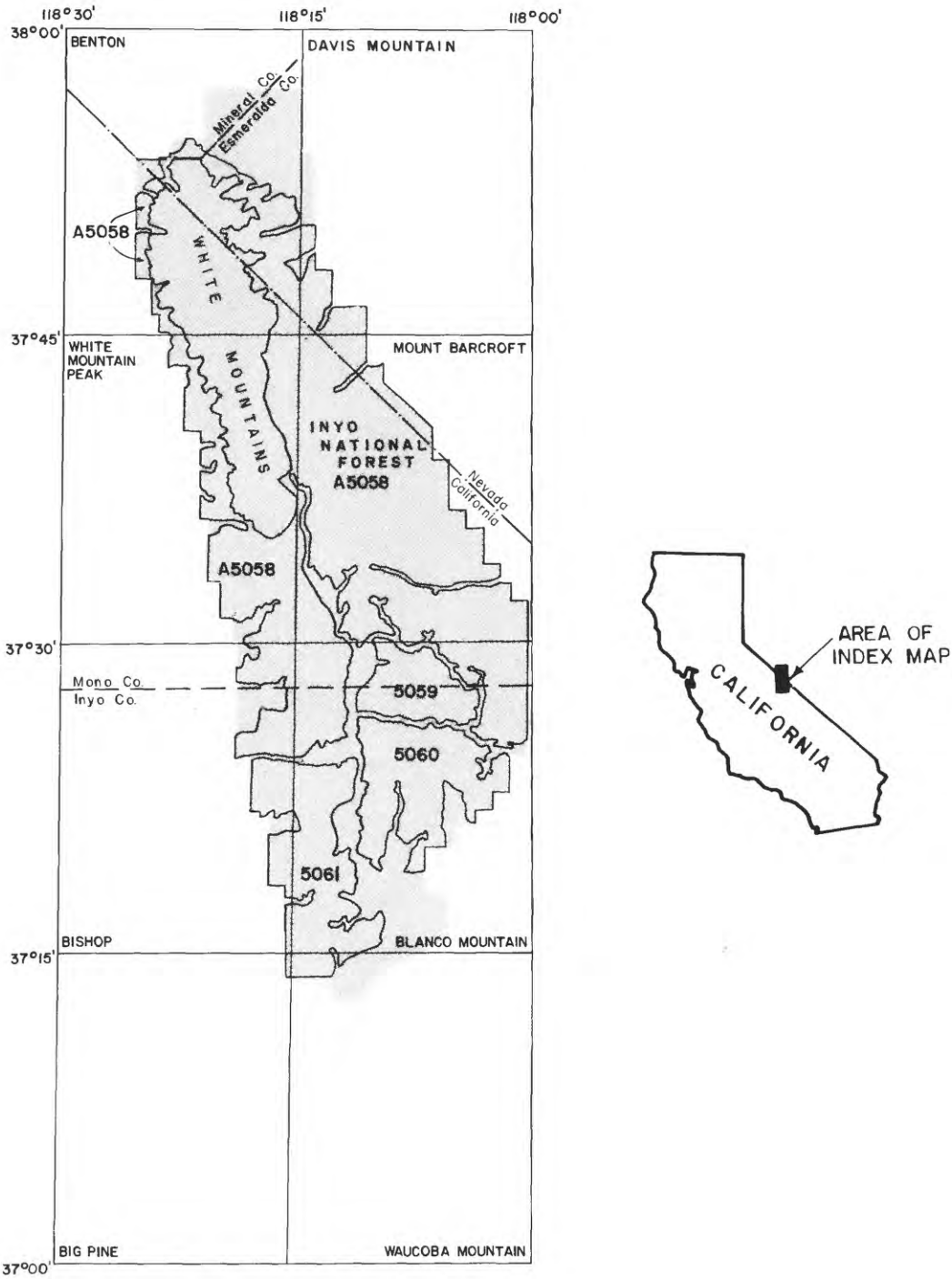

Figure 1.--Index map showing approximate boundaries of White Mountains (A5058), Blanco Mountain (5059), Birch Creek (5060), and Black Canyon (5061) Roadless Areas in Inyo National Forest (shaded area), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada. Names of U.S. Geological Survey 15′ (1:62,500 scale) topographic maps shown in corner of each quadrangle.

GEOLOGIC SETTING OF THE WHITE MOUNTAINS

A generalized geologic map of the roadless areas within the White Mountains was compiled by McKee and others (1982). The roadless areas contain rocks that range in age from Proterozoic to Holocene. A series of Upper Proterozoic to Cambrian shallow-marine carbonate-shale-sandstone shelf deposits are present in the southern and eastern parts of the area. Deep-marine quartz-rich sedimentary rocks of Ordovician age were tectonically emplaced in the northern part of the area. The northwestern part of the region contains a series of sheared, folded, and metamorphosed volcanic and sedimentary rocks that are lithologically similar to rocks of late Paleozoic to early Mesozoic age found in western Nevada; these rocks are inferred to be of similar age, and were probably emplaced tectonically. The White Mountains region is intruded by 16 plutonic bodies that range in composition from granodiorite to granite and range in age from Triassic to Cretaceous. Plutonism has obscured the structural boundary between the upper Paleozoic to lower Mesozoic metamorphic rocks and older strata. Minor Tertiary silicic volcanic rocks occur in the northernmost part of the study area and consist of rhyolitic lava flows, ash flows and falls, and hypabyssal dome complex rocks. Occurrences of olivine-basalt flows also are found throughout the White Mountains. The ages of the volcanic rocks are mostly Pliocene and Miocene (Robinson and Crowder, 1973). Detailed geologic maps have been published for each of the eight 1:62,500 quadrangles (fig. 1): Benton (Crowder and others, 1972); Davis Mountain (Robinson and Crowder, 1973); White Mountain Peak (Crowder and Sheridan, 1972); Mount Barcroft (Krauskopf, 1971); Blanco Mountain (Nelson, 1966b); Waucoba Mountain (Nelson, 1966a); and Bishop, and Big Pine (Bateman, 1965).

SAMPLE COLLECTION AND PREPARATION

At most sampling sites a rock sample, a stream-sediment sample, and a bulk stream-sediment sample to be used for panning were collected. When water was available, the bulk sample was pan-concentrated at the sampling site. At some sites only one or two of the three sample types were collected depending upon their availability. A total of 302 rock samples, 386 stream-sediment samples, and 363 bulk-sediment nonmagnetic dense-mineral-concentrate samples were analyzed. The analyses for each sample type are listed in tables 10 through 12. Approximate sampling density was 1 sample/1.3 mi^2 (1 sample/3.1 km^2) for rocks, and 1 sample/1.0 mi^2 (1 sample/2.6 km^2) for the two sediment sample types.

Sample numbers

Each sampling site shown on plate 1 was assigned a station location number. A two-letter prefix denotes the name of the U.S. Geological Survey topographic quadrangle where the sample was collected: BE, Benton; BI, Bishop; BM, Blanco Mountain; DM, Davis Mountain; MB, Mount Barcroft; WP, White Mountain Peak. The following three digits are unique to the sampling sites within each designated quadrangle, 001-099 series samples were collected by E. H. McKee, the 100-199 series by M. F. Diggles and M. R. Fobes III, the 200-299 series by R. A. Howe and Brigita Howe, and the 300-399 series by D. A. Dellinger. Each sample has a station-location number followed by a suffix denoting the sample type; rock samples are suffixed by RK, stream-sediment samples by SS, and nonmagnetic concentrate samples by KN. The station location map (pl. 1) shows the locations and station-location numbers of all sampling sites in the study area. The symbols and labels were plotted by a Zeta 3600s pen plotter controlled by software (Carlson, 1982) that used a STATPAC (Van Trump and Miesch, 1976) data file as its data base. The

locations plotted are therefore as accurate as the UTM data in the original data set discussed below. Most points in the file plot within 0.03 in. (0.8 mm) of their true map locations; this corresponds to 150 ft (45 m) of error.

Rock samples

At each station, a rock sample that was considered to be representative of the dominant lithology of the general area was collected within 150 ft (45 m) of the sediment sampling site. A small number of samples were collected from outcrops that were conspicuously iron stained. Obviously-weathered material was avoided. Samples were crushed, split, and ground to minus 300 mesh (less than 0.050 mm) in a pulverizer with ceramic plates; a split of this material was saved for analysis.

Stream-sediment samples

Sampling stations are located at first-order (unbranched) and second-order (below the junction of two first order) streams as shown on 1:62,500-scale U.S. Geological Survey topographic maps. Samples of the most organic-free sediment available were collected from active channels. The samples are composites of material collected across the full width of the channel or, where necessary, along an active bar deposit. Areas where the sediment was composed predominantly of coarse material were avoided to insure that sufficiant fine material would be in the sample. Areas with only fine sediment often tend to be natural concentrations of low-density quartzo-feldspathic sediments that would not contain material from mineral deposits located upstream; these were also avoided. Poorly sorted coarse-sand to silt-size material was collected, when available; all material was passed through an 8 mesh (2.0 mm) stainless steel screen on site to remove pebbles and cobbles before further processing. Fine-grained dense minerals tend to occur

with coarser grained quartzo-feldspathic minerals and rock fragments because of their similar behavior during deposition. Wet samples were air dried, then sieved through a 60 mesh (0.25 mm) stainless-steel screen in an aluminum frame. The minus 60 mesh (less than 0.25 mm) fraction was pulverized to minus 300-mesh (less than 0.05 mm) in a pulverizer with ceramic plates and a split of this material was saved for analysis.

Nonmagnetic dense-mineral-concentrate samples

The bulk material for the nonmagnetic-concentrate samples was gathered in the same manner as that described above for the minus 60 mesh (less than 0.25 mm) stream-sediment samples. Each bulk sample was passed through an 8 mesh (2.0 mm) stainless steel screen to remove the coarsest material. The sediment passing through the screen was wet panned to remove organic and clay-size material and to concentrate the dense minerals. The remaining sample was air dried and passed through an 18 mesh (1.0 mm) sieve. The minus 18 mesh (less than 1.0 mm) fraction was treated with undiluted bromoform, a liquid with a density of 2.86. The sample material that had a density greater than 2.86 was allowed to settle through the bromoform. The less dense material was discarded. The highly magnetic minerals, primarily magnetite and ilmenite, were removed from the dense-mineral fraction with a hand magnet and the remaining dense-mineral fraction separated into magnetic and nonmagnetic fractions using a Frantz Isodynamic Separator at a setting of 0.6 amperes, with 15° forward and 15° side angle settings. The resulting nonmagnetic sample was split into two equal fractions; one fraction was ground in an agate morter prior to analysis and the other fraction was saved for future mineralogical studies. Sample preparation was done by W. W. Atkinson, D. L. Fey, G. C. Van Gaalen, David Huston, R. R. Oaks, and Mark Woempner.

CHEMICAL ANALYSIS PROCEDURE

Emission spectrography

Laboratory preparation and analysis was performed by members of the Branch of Exploration Research of the U.S. Geological Survey. All three sample types were analyzed for 31 elements (Fe, Mg, Ca, Ti, Mn, Ag, As, Au, B, Ba, Be, Bi, Cd, Co, Cr, Cu, La, Mo, Nb, Ni, Pb, Sb, Sc, Sn, Sr, Th, V, W, Y, Zn, and Zr) using a six-step semiquantitative emission spectrographic method similar to that discribed by Myers and others (1961) and Grimes and Marranzino (1968). The technique used for the spectrographic analysis of the dense-mineral concentrate samples differed from that for rocks and bulk stream sediments in order to limit interference caused by high iron, calcium, titanium, manganese, and zirconium concentrations. Half of the sample material was replaced with a mixture of graphite and silica. The spectral lines were recorded on film and compared against standards in the usual manner; values were doubled to produce the analytical data in table 12. Values that were produced by this method and which did not fall into one of the standard six-step reporting intervals were reported as the next higher reporting value. This procedure raises the upper and the lower limits of detection; detection limits for each sample type are given in table 1.

The spectrographic analytical values are reported as the approximate geometric midpoints of concentration ranges with six intervals in each order of magnitude. The reporting values and widths between range boundries are evenly spaced on a logarithmic-normal scale, which is consistant with the normal distribution of most elements in geologic materials (Rose and others, 1979). Analytical analyses are reported at one of the six-step values listed in table 2, or appropriate integral powers of ten of these values.

In general, the precision of the spectrographic method is plus or minus one reporting value of the value given by the analyst approximately 83 percent of the time and plus or minus two reporting values of the value given by the analyst 96 percent of the time (Motooka and Grimes, 1976). Because all of the samples for this report were analyzed by the same analyst using the same spectrographic instrument, our experience indicates that better precision can be expected. A reference-standard sample was analyzed with each batch of field samples to monitor the quality of the analyses. However, the analyses for these samples have been omitted from tables 10 through 12. Because the analysis of dense-mineral concentrates by emission spectrography involves half of the amount of sample normally used in this type of analyses, and because of rounding errors on some values, the precision of these determinations is probably less than those of the other two sample types, particularly for values near the limits of detection (Koch and others, 1980).

Atomic absorption and fluorometric analysis

In addition to the standard 31 element spectrographic analysis done for all samples and all sample types, all of the rock and stream-sediment samples were analysed for zinc by flame atomic-absorption spectrometry and for gold by flameless atomic-absorption spectrometry. Forty-seven selected stream-sediment samples from the silicic volcanic area in the northern part of the area were also analyzed for mercury by a variation of the atomic-absorption technique. In this process, mercury is vaporized by heating, passed through the lamp beam on the atomic-absorption instrument, and measured. Eighteen selected rock and 42 stream-sediment samples were analyzed for uranium by fluorometry. The samples selected for analysis for mercury and uranium were collected from areas with favorable geologic conditions for their occurrence. These analytical methods produce quantitative rather than semiquantitative results and are more sensitive, accurate, and precise than the semiquantitative methods. In

addition, lower concentrations of elements can be detected (Dellinger and others, 1982; Rose and others, 1979).

The precision of a determination varies both with the technique and the concentration of the element analyzed. Precision for these analytical methods is commonly reported as a percent relative standard deviation (RSD), and is based on replicate analyses of samples selected to provide information at different concentration levels. In general, the precision for each method tends to be lowest for those samples containing a given element at or near its lower limit of determination. For the four elements discussed here, the reported ranges of percent relative standard deviation, as determined by replicate analyses of a limited sample set, are as follows:

Element	Range of percent RSD	Source of data
Au	0.0 - 22.8	Meier (1980)
Hg	8.2 - 30.4	D. L. Fey, unpublished analyses (1982)
U	5.0 - 20.0	S. J. Sutley (oral commun., 1982)
Zn	3.4 - 30.2	Ward and others (1969, p.21)

Ward and others (1969), Viets (1978), and Meier (1980) have provided detailed descriptions of atomic-absorption techniques and Centanni and others (1956) disscussed the fluorometry method used in uranium determinations. The analytical results for the atomic absorption and fluorimetric analyses are presented as discrete values in tables 10 through 12 In tables 7 through 9, however, these analyses are presented in terms of six-step intervals (table 2) and thus allow statistical treatment consistent with that for the semiquantitative analyses. Atomic-absorption spectrometric analyses were performed by D. L. Fey and R. H. Hill, fluorometry by H. M. Nakagawa, and emission spectrography by S. J. Sutley.

RESULTS OF ANALYSES

The analytical results for iron, magnesium, calcium, and titanium are reported in percent; analytical values for all other elements are given in parts per million (ppm). The analytical results were entered into the U.S. Geological Survey Rock Analysis Storage System (RASS). A standard binary STATPAC (Statistical Package) file was generated from the RASS file using RASS program RETRIEVAL (b860). The format of a STATPAC data set is a two-dimensional data matrix with a data set identifier, row and column identifiers, row indices and a location for each row. Each row contains all analyses for a single sample; each column contains analyses of all samples for an element with a separate column for each analytical method used for an element. The data-set format has provisions for analytical-value qualification codes. The codes used are listed in table 3. A comprehensive description of the RASS-STATPAC system is given by Van Trump and Miesch (1976).

Tables 10 through 12 are listings of the chemical analyses for the samples of rock, minus 60 mesh (less than 0.25 mm) stream sediment, and nonmagnetic dense-mineral concentrate, respectively. In each of the tables, the first column contains the USGS-assigned sample numbers which coincide with the numbers on the sampling-site location map (pl. 1). In tables 10 through 12 rock samples are suffixed by RK, stream-sediment samples by SS, and concentrate samples by KN. Columns 2 and 3 contain north latitudes and west longitudes in degrees, minutes and seconds. Columns 4 and 5 contain the Universal Transverse Mercator (UTM) coordinates for easting and northing. Columns for elements are headed with the element symbol, reporting units, and type of analysis. Percent is denoted by "pct", parts per million by "ppm", emission spectrographic analysis by "s", atomic-absorption analysis by "aa", and

fluorometry by "INST". Because of the formatting used in the computer program that produced tables 10 through 12, some of the elements listed in these tables (Ca, Fe, Mg, Ti, Ag, and Be) carry one or more nonsignificant zeros to the right of the significant digits. The analyst did not determine these elements to the accuracy suggested by the extra zeros. Tables 10 through 12 were produced by formatting the data in the STATPAC file with the program PUBLST, written by J. B. Fyfe (written commun., 1980) of the U.S. Geological Survey.

Several of the elements have lower limits of analytical detection (using the semiquantitative spectrographic method) that are usually above the normal concentrations for these elements in natural materials. For the rock samples, the elements gold, bismuth, cadmium, antimony, and thorium, analyzed by emission spectrography and mercury, analyzed by atomic absorption, were not detected in concentrations as great as their lower limits of detection in any sample. Therefore, these elements have been deleted from the rock-data sets (tables 4, 7, and 10). No stream-sediment samples analyzed by emission spectrography contained gold, cadmium, antimony, tin, or tungsten in a concentration as great as their lower limits of detection. These elements have been deleted from the stream-sediment-data sets (tables 5, 8, and 11). No dense-mineral concentrate samples were analyzed by atomic absorption or fluorometry; therefore, analyses for gold and zinc are only available from emission spectrographic analysis. Analyses for mercury and uranium were not made. These analysis types have been deleted from tables 6, 9, and 12. This and other format editing of the binary STATPAC data files was done using the program EDSTAT written by J. B. Fyfe (written commun., 1981).

STATISTICAL SUMMARIES

Tables 4 through 6 are summary statistics based on data provided by computer programs in the U.S. Geological Survey RASS-STATPAC system (Van Trump and Miesch, 1976). Tables 7 through 9 are statistical summaries of the analytical data, generated using the statistical program TOTS, written by Richard D. Koch (written comm., 1981) of the U.S. Geological Survey. The program was used to divide all data not already reported in six-step class intervals into the intervals listed in table 2. The program generates frequency tables and histograms based on these intervals and computes the arithmetic means, standard deviations, geometric means, and geometric deviations of the populations. Entries in tables 7 through 9 are identified in an explanation preceding table 7.

In tables 7 through 9 values qualified with N, L, G, or H were not considered in the histograms; the resulting statistics are therefore biased. Many of the histograms show this bias by their truncated form.

The geometric mean of a set of analyses is the antilogarithm of the arithmetic mean of the logarithms of the analyses. This is an indication of central tendency and does not indicate geochemical abundance. Most elements are log-normally distributed in geologic materials (Ahrens, 1957; Siegel, 1974); histograms based on logarithmic scales like those used in tables 7 through 9 will be symmetrical for log-normal distributions. The geometric deviation of a set of analyses is the antilogarithm of the standard deviation of the logarithms of the analyses and is useful for noting the spread of a log-normally distributed population.

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Table 1.--Upper and lower limits of detection

[All analyses by semiquantitative emission spectrography except as noted; aa, atomic absorption spectrometry; INST, fluorometry; ppm, parts per million]

Elements and reporting units	Determination limits for rock and stream-sediment samples		Determination limits for dense-mineral concentrate samples	
	Lower	Upper	Lower	Upper
Ca, percent	0.05	20	0.1	50
Fe, percent	.05	20	.1	50
Mg, percent	.02	10	.05	20
Ti, percent	.002	1	.005	2
Ag, ppm	.5	5,000	1	10,000
As, ppm	200	10,000	500	20,000
Au, ppm	10	500	20	1,000
B, ppm	10	2,000	20	5,000
Ba, ppm	20	5,000	50	10,000
Be, ppm	1	1,000	2	2,000
Bi, ppm	10	1,000	20	2,000
Cd, ppm	20	500	50	1,000
Co, ppm	5	2,000	10	50
Cr, ppm	10	5,000	20	10,000
Cu, ppm	5	20,000	10	50,000
La, ppm	20	1,000	50	2,000
Mn, ppm	10	5,000	20	10,000
Mo, ppm	5	2,000	10	5,000
Nb, ppm	20	2,000	50	5,000
Ni, ppm	5	5,000	10	10,000
Pb, ppm	10	20,000	20	50,000
Th, ppm	100	2,000	200	5,000
Sb, ppm	100	10,000	200	20,000
Sc, ppm	5	100	10	200
Sn, ppm	10	1,000	20	2,000
Sr, ppm	100	5,000	200	10,000
V, ppm	10	10,000	20	20,000
W, ppm	50	10,000	100	20,000
Y, ppm	10	2,000	20	5,000
Zn, ppm	200	10,000	500	20,000
Zr, ppm	10	1,000	20	2,000
Au-aa, ppm	.002	1/	2/	--
Hg-aa, ppm	.02	1/	2/	--
Zn-aa, ppm	5	1/	2/	--
U-INST, ppm	.05	1/	2/	--

1/Dilution during sample preparation eliminates any upper detection limit.

2/No atomic absorption nor fluorometry analysis performed.

Table 2.--Six-step reporting values and ranges

Reporting values (class interval midpoints)	Concentration ranges	Class interval widths
1.5	1.2 - 1.8	0.6
2.0	1.8 - 2.6	.8
3.0	2.6 - 3.8	1.2
5.0	3.8 - 5.6	1.8
7.0	5.6 - 8.3	2.7
10	8.3 - 12	3.7

Table 3.--Qualification codes used in tables 7 through 12
[n refers to value of upper or lower limit of determination]

Code in tables 7 through 9	Code in tables 10 through 12	Meaning
B	--	Blank; no analysis performed
N	N	Not detected by analysis
L	<n	Detected, but below the lower limit of determination shown
G	>n	Element present in an amount greater than the upper limit of determination shown

Table 4.--Summary statistics for the analyses of rock samples

[All concentrations are in parts per million except those for Ca, Fe, Mg, and Ti, which are in percent. N, not detected at the lower limit of determination shown in parentheses. All analyses are emission spectrographic unless otherwise indicated; aa following the element symbol indicates atomic-absorption analysis; INST, indicates fluorometric analysis. There were no unqualified values reported for Au, Bi, Cd, Sb, Th, and Hg-(aa); thus, meaningful statistical information could not be derived for these elements]

Element	Range of values	Geometric mean	Geometric deviation	Percentiles				
				50	75	90	95	98
Ca (percent)	0.05-20	0.9	5.1	0.7	2	15	20	20
Fe (percent)	.1-15	1.6	2.4	2	3	5	5	10
Mg (percent)	.05-10	.8	3.4	1	1.5	4	10	10
Ti (percent)	.002->1.0	.2	3.4	.2	.5	.7	1	>1
Ag (ppm)	.5-2	.7	1.7	N(.5)	N(.5)	N(.5)	<.5	.7
As (ppm)	(N) 200-500	316.	1.9	N(200)	N(200)	N(200)	N(200)	N(200)
B (ppm)	10-2,000	27.8	2.6	10	30	70	100	150
Ba (ppm)	20-2,000	347	2.5	300	700	1,000	1,000	1,500
Be (ppm)	1.0-30	1.8	1.6	1.5	2	3	5	5
Co (ppm)	5-50	12.1	1.7	7	15	20	20	30
Cr (ppm)	10-700	33.9	2.6	15	50	100	100	150
Cu (ppm)	5-2,000	12	2.3	5	15	20	30	70
La (ppm)	20-200	58.2	1.6	50	70	100	100	150
Mn (ppm)	50-5,000	303.	1.9	300	500	700	700	1,000
Mo (ppm)	5-50	10.2	2.1	N(5)	N(5)	N(5)	5	15
Nb (ppm)	20-20	20	--	--	--	--	--	--
Ni (ppm)	5-150	13.3	2.3	10	30	30	50	50
Pb (ppm)	10-100	19.1	1.6	20	20	30	50	50
Sc (ppm)	5-50	11.5	1.8	10	20	20	30	30
Sn (ppm)	(N)10-50	21.5	2.2	N(10)	N(10)	N(10)	N(10)	N(10)
Sr (ppm)	100-2,000	326	2.1	300	500	700	700	1,000
V (ppm)	<10-1,000	46.8	2.3	50	70	100	150	150
W (ppm)	50-50	50	--	--	--	--	--	--
Y (ppm)	10-70	17.6	1.5	15	20	30	30	50
Zn (ppm)	200-200	200	--	--	--	--	--	--
Zr (ppm)	10-1,000	94.5	2.2	100	150	200	200	500
Au-aa (ppm)	.002-.02	.005	2.3	N(.002)	<.002	.003	.007	.015
Zn-aa (ppm)	<5-200	32.9	2.3	30	70	70	100	100
U-INST. (ppm)	.1-1.0	.3	1.9	.3	.5	.5	.7	.7

Table 5.--Summary statistics for the analyses of minus-60-mesh stream-sediment samples

[All concentrations are in parts per million except those for Ca, Fe, Mg, and Ti, which are in percent. N, not detected at the lower limit of determination shown in parentheses. All analyses are emission spectrographic unless otherwise indicated; aa following the element symbol indicates atomic-absorption analysis; INST, fluorometric analysis. There were no unqualified values reported for Au, Cd, Sb, Sn, and W; thus, meaningful statistical information could not be derived for those elements]

Element	Range of values	Geometric mean	Geometric deviation	Percentiles				
				50	75	90	95	98
Ca (percent)	0.2-20	2.2	2.9	2	5	10	10	15
Fe (percent)	.7-15	2.4	1.7	2	3	5	5	10
Mg (percent)	.1-10	1.1	2.2	1	1.5	3	5	7
Ti (percent)	.05-1.0	.3	1.8	.3	.5	.7	.7	.7
Ag (ppm)	.5-7	1.0	2.1	N(.5)	N(.50)	N(.5)	.5	1.5
As (ppm)	(N) 300-300	300	N(200)	N(200)	N(200)	N(200)	N(200)	N(200)
B (ppm)	10-300	30.2	2.1	30	50	70	100	100
Ba (ppm)	50-2,000	320	1.6	300	500	500	700	700
Be (ppm)	<1.0-20	2.1	1.4	2	2	3	3	5
Bi (ppm)	10-70	25.4	2.5	N(10)	N(10)	N(10)	N(10)	N(10)
Co (ppm)	5-50	12.4	1.5	15	15	20	20	20
Cr (ppm)	<10-300	35.3	1.9	30	50	70	100	150
Cu (ppm)	<5-200	14.4	1.7	15	20	30	30	50
La (ppm)	20-200	76.1	1.5	70	100	100	150	150
Mn (ppm)	100-1,000	491.	1.4	500	700	700	700	1,000
Mo (ppm)	5-20	6.3	1.4	N(5)	<5	5	7	10
Nb (ppm)	20-30	20.6	1.1	<20	<20	20	20	20
Ni (ppm)	5-70	16.6	1.7	20	20	30	30	50
Pb (ppm)	10-200	26.9	1.5	20	30	50	50	70
Sc (ppm)	<5-50	12.2	1.5	15	15	20	20	30
Sr (ppm)	100-1,000	322.	1.6	300	500	500	500	700
Th (ppm)	100-100	100	--	--	--	--	--	--
V (ppm)	10-500	69.6	1.6	70	100	100	150	150
Y (ppm)	<10-50	19.2	1.3	20	20	30	30	30
Zn (ppm)	200-1,000	414.	1.9	N(200)	N(200)	N(200)	N(200)	<200
Zr (ppm)	30-1,000	162.	1.7	150	200	300	500	700
Au-aa (ppm)	.002-1.0	.006	2.7	N(.002)	.003	.007	.01	.03
Hg-aa (ppm)	<.02-.5	.1	1.9	.1	.15	.2	.2	.3
Zn-aa (ppm)	10-1,500	46.4	1.7	50	50	70	100	150
U-INST (ppm)	.3-15	1.9	2.5	2	3	7	7	15

Table 6.--Summary statistics for the analyses of minus-0.25-mm nonmagnetic-dense-mineral concentrate samples

[All concentrations are in parts per million except those for Ca, Fe, Mg, and Ti, which are in percent. All analyses are emission spectrographic. N, not detected at the lower limit of determination shown in parentheses]

Element	Range of values	Geometric mean	Geometric deviation	Percentiles				
				50	75	90	95	98
Ca (percent)	0.15-30	8.2	2.1	10	15	20	20	20
Fe (percent)	.1-10	1.2	2.1	1	2	3	5	7
Mg (percent)	.05-10	.8	3.8	1	2	5	7	10
Ti (percent)	<.15-2	1.3	1.9	>2	>2	>2	>2	>2
Ag (ppm)	1-500	8.3	4.1	N(1)	N(1)	3	10	20
As (ppm)	(N)500-2,000	1,000	1.8	N(500)	N(500)	N(500)	N(500)	N(500)
Au (ppm)	30-500	123.	7.3	N(20)	N(20)	N(20)	N(20)	N(20)
B (ppm)	20-1,500	79.7	2.6	70	150	200	300	500
Ba (ppm)	50-10,000	383.	4.3	300	1,500	10,000	>10,000	>10,000
Be (ppm)	2-70	3.4	2.3	<2	2	2	7	15
Bi (ppm)	20-2,000	84.2	3.2	N(20)	<20	100	200	500
Cd (ppm)	150-150	150	--	N(50)	N(50)	N(50)	N(50)	N(50)
Co (ppm)	10-200	24	2.3	10	20	50	100	150
Cr (ppm)	<20-2,000	46.8	2.0	50	70	100	100	300
Cu (ppm)	10-500	20.5	2.3	10	20	50	100	150
La (ppm)	70-2,000	558.	2.2	500	1,000	2,000	2,000	2,000
Mn (ppm)	20-3,000	560.	1.6	500	700	1,000	1,000	1,000
Mo (ppm)	10-1,000	17.8	2.0	15	20	30	50	100
Nb (ppm)	50-500	112.	1.6	100	150	200	200	300
Ni (ppm)	10-200	43.8	1.9	N(10)	30	70	100	100
Pb (ppm)	20-15,000	130	5.0	70	300	1,000	3,000	10,000
Sb (ppm)	200-3,000	495	3.6	N(200)	N(200)	N(200)	N(200)	<200
Sc (ppm)	10-200	35.2	1.8	30	50	70	100	100
Sn (ppm)	20-1,000	32	1.9	20	30	50	70	150
Sr (ppm)	200-2,000	421.1	1.6	500	500	700	1,000	1,000
Th (ppm)	200-3,000	394.	1.9	200	500	700	1,000	2,000
V (ppm)	20-500	155.	1.4	150	200	200	200	300
W (ppm)	100-2,000	186.	2.1	N(100)	100	200	500	700
Y (ppm)	<20-1,000	263.	2.1	300	500	500	500	700
Zn (ppm)	500-10,000	1136.	2.7	N(500)	N(500)	N(500)	N(500)	1,500
Zr (ppm)	100->2,000	136.	2.0	>2,000	>2,000	>2,000	>2,000	>2,000

EXPLANATION OF TABLE HEADINGS AND ABBREVIATIONS
FOR TABLES 7 THROUGH 9

VALUE = the data value
NO. = number of occurences of this value
% = NO. as percent of total number of data values (ANAL)
CUM = number of unqualified records at and below this value
CUM %
(col 1)= unqualified values at or below this value, as percent of ANAL
(col 2)= unqualified values above this value, as percent of ANAL
TOT CUM = number of values (N, L, T + unqual.) at or below this value
TOT CUM %
(col 1)= values not B, H, or OTHER at or below this value, as percent of ANAL
(col 2)= values not B, H, or OTHER above this value, as percent of ANAL

B - value = number of values qualified with 'B' (= no data)
- percent = percent of all records read (READ)
T - value = number of values qualified with 'T' (= trace)
- percent = percent of all values not B, H, or OTHER (ANAL)
H - value = number of values qualified with 'H' (= interference)
- percent = percent of all values not B, H, or OTHER (ANAL)
N - value = number of values qualified with 'N' (= not detected)
- percent = percent of all values not B, H, or OTHER (ANAL)
L - value = number of values qualified with 'L' (= less than)
- percent = percent of all values not B, H, or OTHER (ANAL)
G - value = number of values qualified with 'G' (= greater than)
- percent = percent of all values not B, H, or OTHER (ANAL)
OTHER = number of qualified values which are not B, T, H, N, L, or G
- percent = percent of all records read (READ)
UNQUAL = number of unqualified data values
- percent = percent of values not B, H, or OTHER (ANAL)
ANAL = total number of valid data values (= unqualified + N, L, T, or G)
READ = number of input records read

MIN = minimum unqualified value
MAX = maximum unqualified value
AMEAN = arithmetic mean of unqualified values
SD = standard deviation of the unqualified values
GMEAN = geometric mean of unqualified values
GD = geometric deviation of unqualified values
VALUES = number of data values used to compute the above statistics.

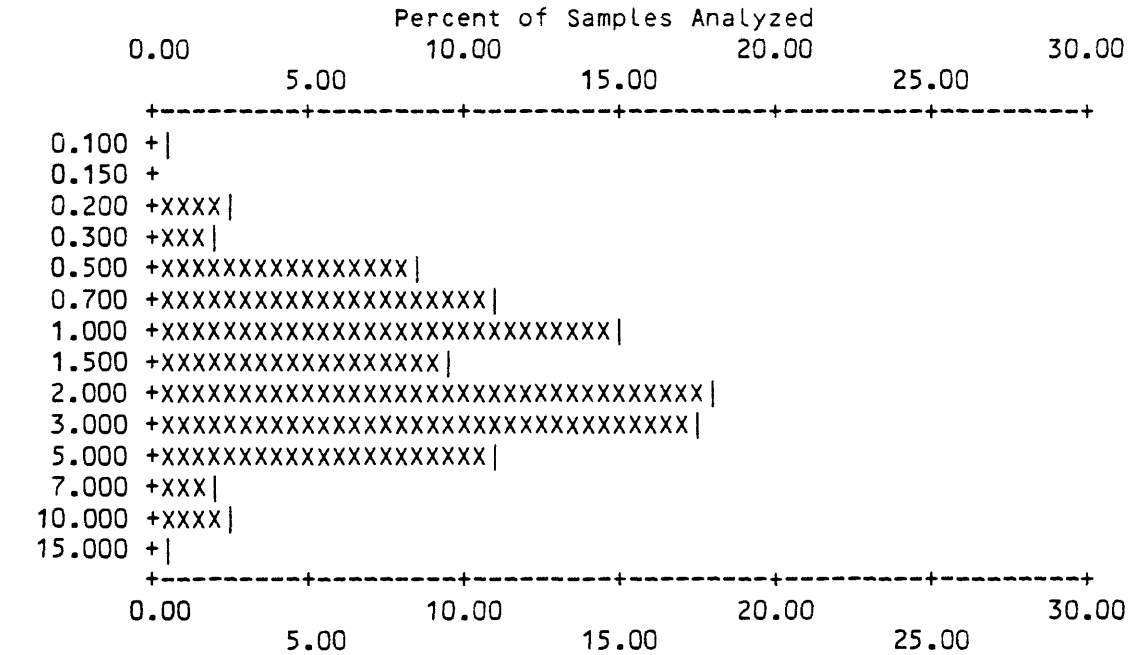
Table 7. Frequency tables and histograms for rock samples

S-Fe (percent)

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.100	1	0.33	1	0.3	99.7	1	0.3	99.7
2	0.200	8	2.65	9	3.0	97.0	9	3.0	97.0
3	0.300	6	1.99	15	5.0	95.0	15	5.0	95.0
4	0.500	25	8.28	40	13.2	86.8	40	13.2	86.8
5	0.700	33	10.93	73	24.2	75.8	73	24.2	75.8
6	1.000	45	14.90	118	39.1	60.9	118	39.1	60.9
7	1.500	29	9.60	147	48.7	51.3	147	48.7	51.3
8	2.000	55	18.21	202	66.9	33.1	202	66.9	33.1
9	3.000	53	17.55	255	84.4	15.6	255	84.4	15.6
10	5.000	33	10.93	288	95.4	4.6	288	95.4	4.6
11	7.000	6	1.99	294	97.4	2.6	294	97.4	2.6
12	10.000	7	2.32	301	99.7	0.3	301	99.7	0.3
13	15.000	1	0.33	302	100.0	0.0	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	302	302	302	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.100	15.00	2.280	2.08	1.591	2.41	302



Each increment (each X or | plotted) = 0.500 %

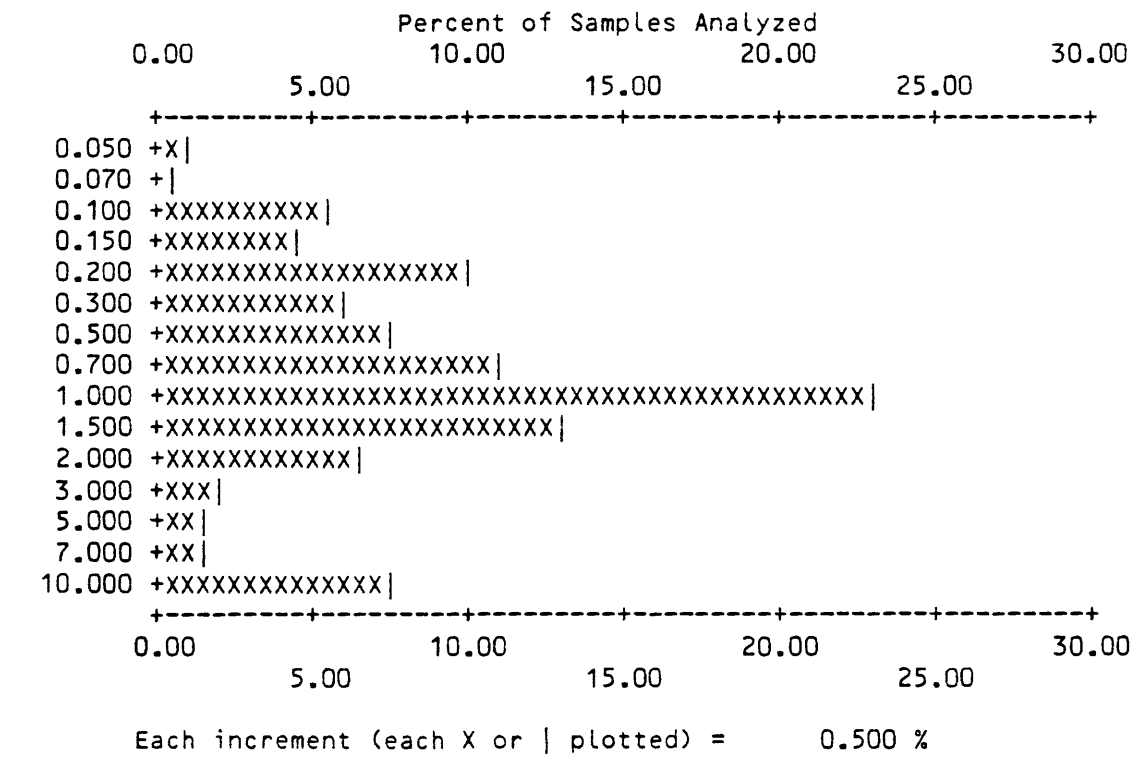
Table 7. Frequency tables and histograms for rock samples - (continued)

S-Mg (percent)

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.050	3	0.99	3	1.0	99.0	3	1.0	99.0
2	0.070	1	0.33	4	1.3	98.7	4	1.3	98.7
3	0.100	16	5.30	20	6.6	93.4	20	6.6	93.4
4	0.150	14	4.64	34	11.3	88.7	34	11.3	88.7
5	0.200	30	9.93	64	21.2	78.8	64	21.2	78.8
6	0.300	18	5.96	82	27.2	72.8	82	27.2	72.8
7	0.500	23	7.62	105	34.8	65.2	105	34.8	65.2
8	0.700	33	10.93	138	45.7	54.3	138	45.7	54.3
9	1.000	69	22.85	207	68.5	31.5	207	68.5	31.5
10	1.500	39	12.91	246	81.5	18.5	246	81.5	18.5
11	2.000	19	6.29	265	87.7	12.3	265	87.7	12.3
12	3.000	6	1.99	271	89.7	10.3	271	89.7	10.3
13	5.000	5	1.66	276	91.4	8.6	276	91.4	8.6
14	7.000	4	1.32	280	92.7	7.3	280	92.7	7.3
15	10.000	22	7.28	302	100.0	0.0	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	302	302	302	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.050	10.00	1.677	2.57	0.791	3.35	302



Each increment (each X or | plotted) = 0.500 %

Table 7. Frequency tables and histograms for rock samples - (continued)

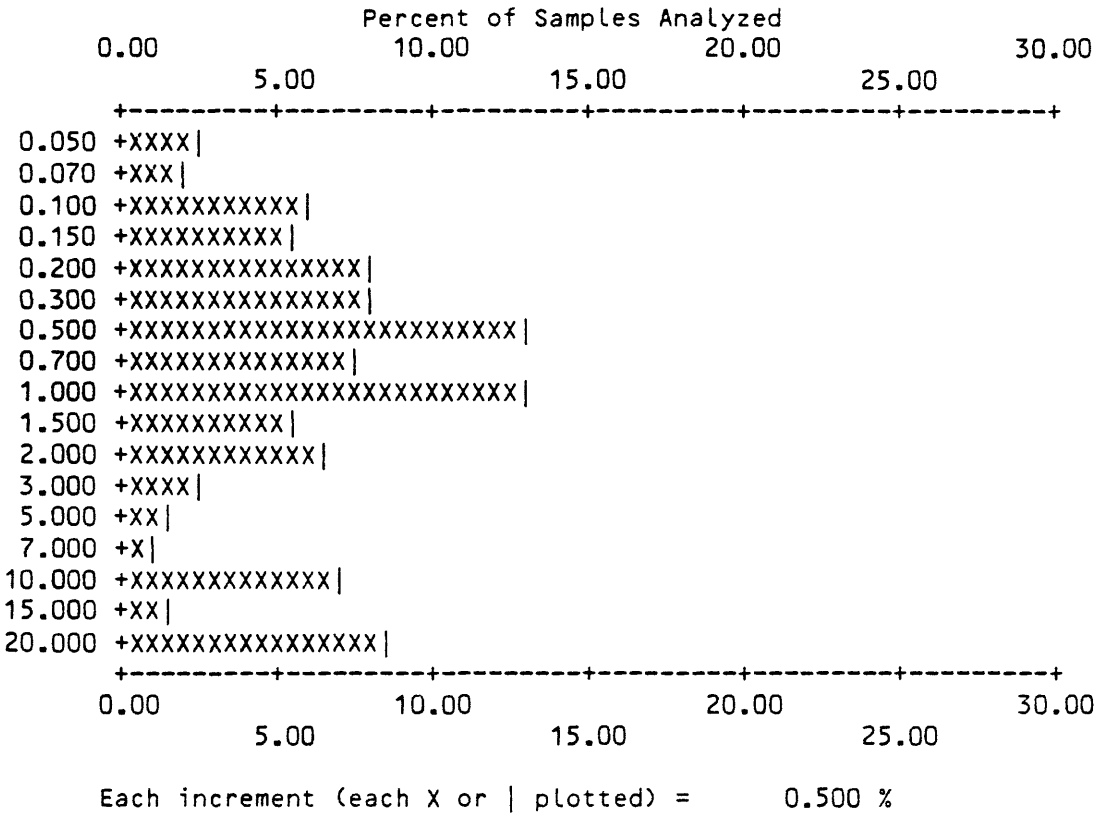
S-CA%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.050	7	2.32	7	2.3	97.7	9	3.0	97.0
2	0.070	6	1.99	13	4.3	95.7	15	5.0	95.0
3	0.100	18	5.96	31	10.3	89.7	33	10.9	89.1
4	0.150	16	5.30	47	15.6	84.4	49	16.2	83.8
5	0.200	24	7.95	71	23.5	76.5	73	24.2	75.8
6	0.300	24	7.95	95	31.5	68.5	97	32.1	67.9
7	0.500	39	12.91	134	44.4	55.6	136	45.0	55.0
8	0.700	22	7.28	156	51.7	48.3	158	52.3	47.7
9	1.000	40	13.25	196	64.9	35.1	198	65.6	34.4
10	1.500	17	5.63	213	70.5	29.5	215	71.2	28.8
11	2.000	19	6.29	232	76.8	23.2	234	77.5	22.5
12	3.000	7	2.32	239	79.1	20.9	241	79.8	20.2
13	5.000	5	1.66	244	80.8	19.2	246	81.5	18.5
14	7.000	3	0.99	247	81.8	18.2	249	82.5	17.5
15	10.000	21	6.95	268	88.7	11.3	270	89.4	10.6
16	15.000	5	1.66	273	90.4	9.6	275	91.1	8.9
17	20.000	25	8.28	298	98.7	1.3	300	99.3	0.7

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	2	2	0	298	302	302	VALUES
0.0	0.0	0.0	0.0	0.7	0.7	0.0	98.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.050	20.00	3.380	5.90	0.896	5.11	298

S-Ca (continued)



Each increment (each X or | plotted) = 0.500 %

Table 7. Frequency tables and histograms for rock samples - (continued)

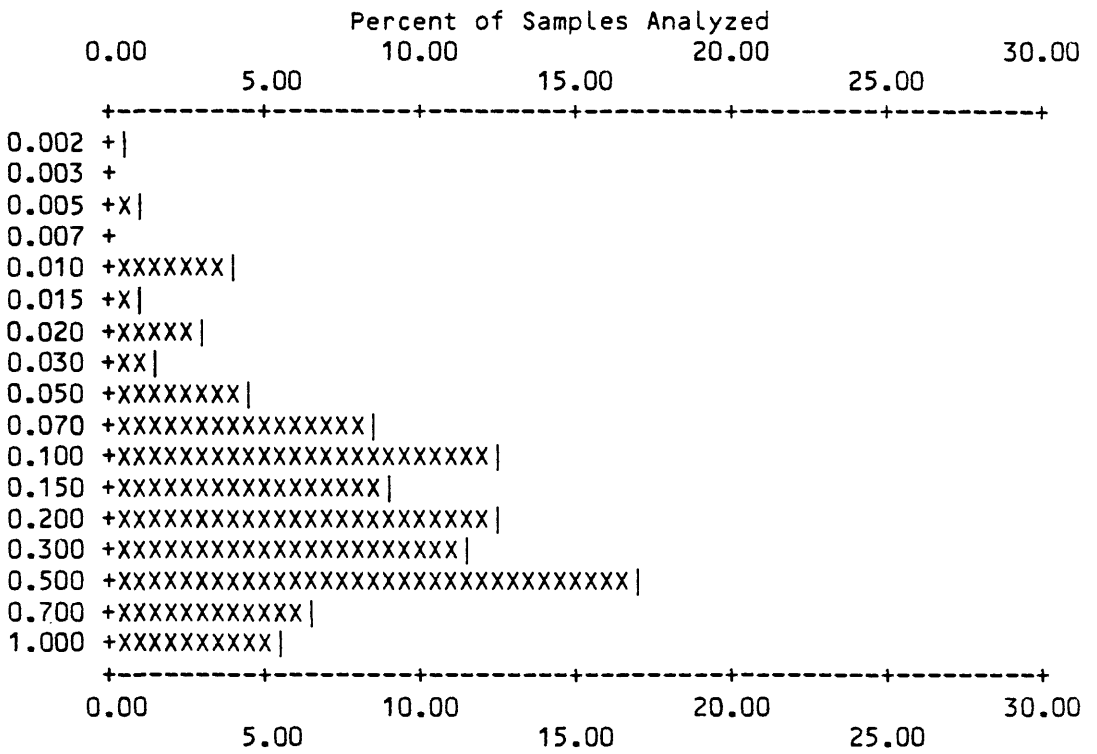
S-TI%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.002	1	0.33	1	0.3	99.7	1	0.3	99.7
2	0.005	3	0.99	4	1.3	98.7	4	1.3	98.7
3	0.010	12	3.97	16	5.3	94.7	16	5.3	94.7
4	0.015	3	0.99	19	6.3	93.7	19	6.3	93.7
5	0.020	9	2.98	28	9.3	90.7	28	9.3	90.7
6	0.030	5	1.66	33	10.9	89.1	33	10.9	89.1
7	0.050	14	4.64	47	15.6	84.4	47	15.6	84.4
8	0.070	25	8.28	72	23.8	76.2	72	23.8	76.2
9	0.100	37	12.25	109	36.1	63.9	109	36.1	63.9
10	0.150	27	8.94	136	45.0	55.0	136	45.0	55.0
11	0.200	37	12.25	173	57.3	42.7	173	57.3	42.7
12	0.300	35	11.59	208	68.9	31.1	208	68.9	31.1
13	0.500	51	16.89	259	85.8	14.2	259	85.8	14.2
14	0.700	20	6.62	279	92.4	7.6	279	92.4	7.6
15	1.000	16	5.30	295	97.7	2.3	295	97.7	2.3

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	7	0	295	302	302	VALUES
0.0	0.0	0.0	0.0	0.0	2.3	0.0	97.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.002	1.00	0.285	0.26	0.165	3.40	295

S-Ti (continued)



Each increment (each X or | plotted) = 0.500 %

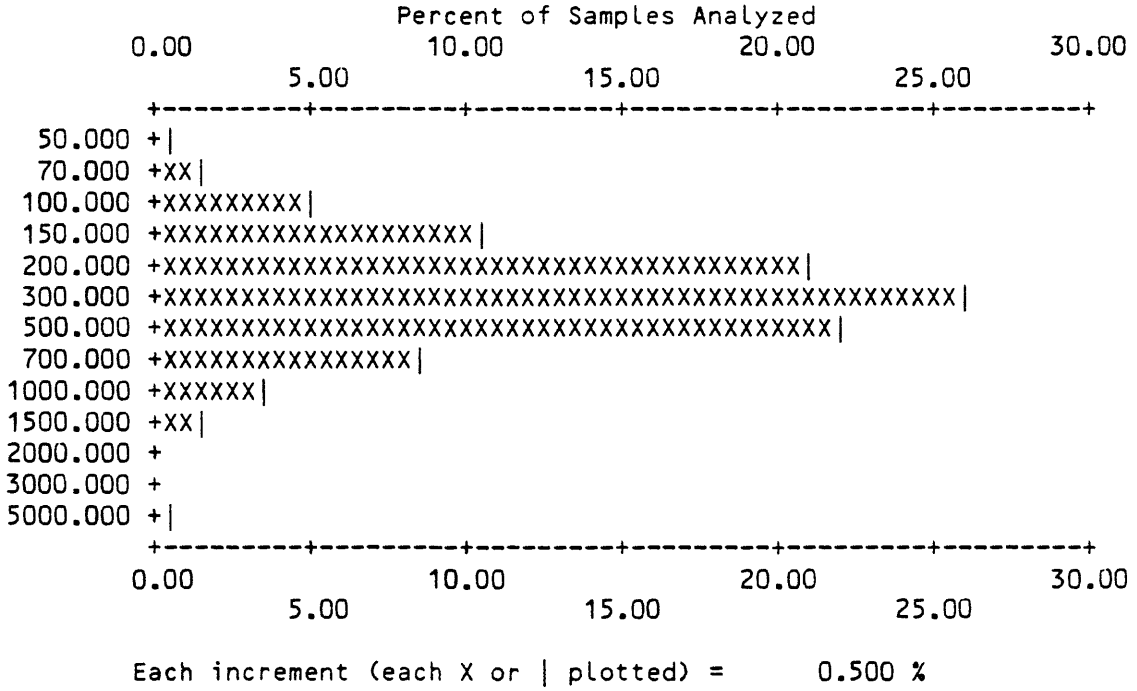
Table 7. Frequency tables and histograms for rock samples - (continued)

S-MN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	50.000	2	0.66	2	0.7	99.3	2	0.7	99.3
2	70.000	4	1.32	6	2.0	98.0	6	2.0	98.0
3	100.000	15	4.97	21	7.0	93.0	21	7.0	93.0
4	150.000	32	10.60	53	17.5	82.5	53	17.5	82.5
5	200.000	63	20.86	116	38.4	61.6	116	38.4	61.6
6	300.000	79	26.16	195	64.6	35.4	195	64.6	35.4
7	500.000	67	22.19	262	86.8	13.2	262	86.8	13.2
8	700.000	25	8.28	287	95.0	5.0	287	95.0	5.0
9	1000.000	10	3.31	297	98.3	1.7	297	98.3	1.7
10	1500.000	4	1.32	301	99.7	0.3	301	99.7	0.3
11	5000.000	1	0.33	302	100.0	0.0	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	302	302	302	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
50.000	5000.00	380.728	363.39	303.085	1.91	302



Each increment (each X or | plotted) = 0.500 %

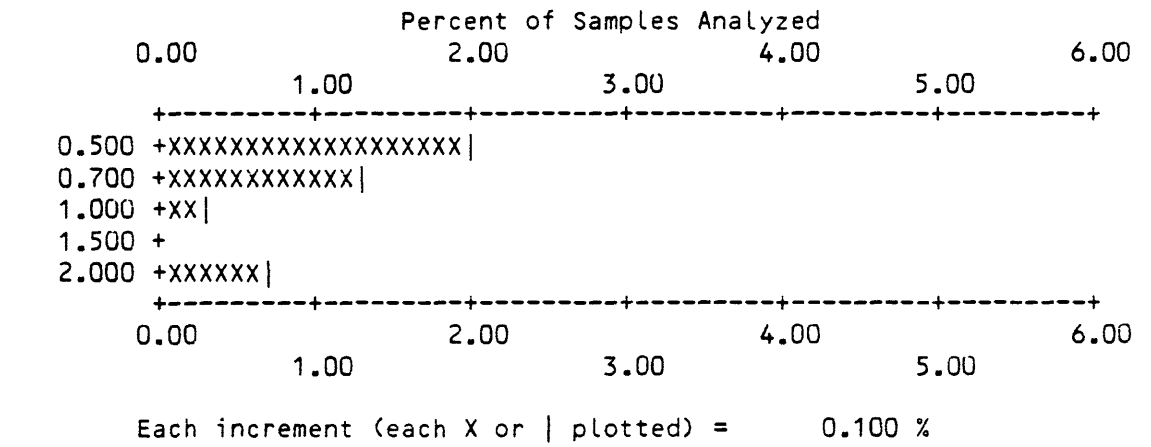
Table 7. Frequency tables and histograms for rock samples - (continued)

S-AG

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.500	6	1.99	6	2.0	98.0	295	97.7	2.3
2	0.700	4	1.32	10	3.3	96.7	299	99.0	1.0
3	1.000	1	0.33	11	3.6	96.4	300	99.3	0.7
4	2.000	2	0.66	13	4.3	95.7	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	285	4	0	0	13	302	302	VALUES
0.0	0.0	0.0	94.4	1.3	0.0	0.0	4.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.500	2.00	0.831	0.54	0.724	1.65	13



Each increment (each X or | plotted) = 0.100 %

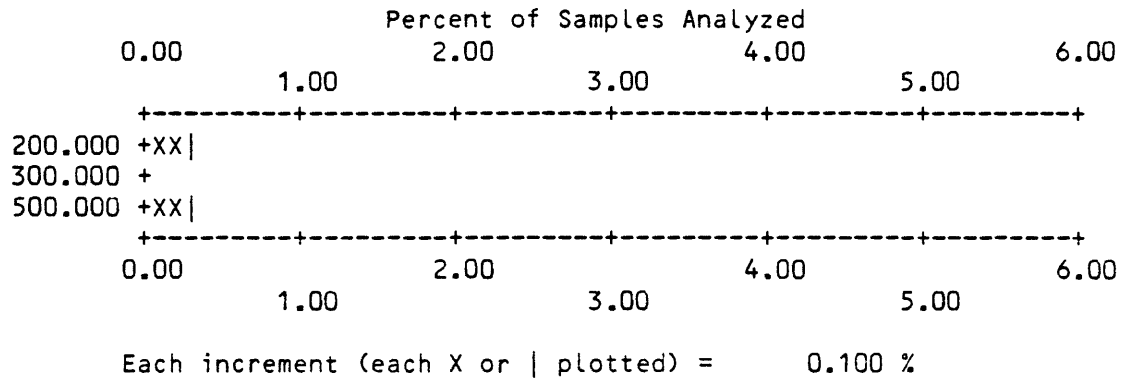
Table 7. Frequency tables and histograms for rock samples - (continued)

S-AS

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	200.000	1	0.33	1	0.3	99.7	301	99.7	0.3
2	500.000	1	0.33	2	0.7	99.3	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	300	0	0	0	2	302	302	VALUES
0.0	0.0	0.0	99.3	0.0	0.0	0.0	0.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
200.000	500.00	350.000	212.13	316.228	1.91	2



Each increment (each X or | plotted) = 0.100 %

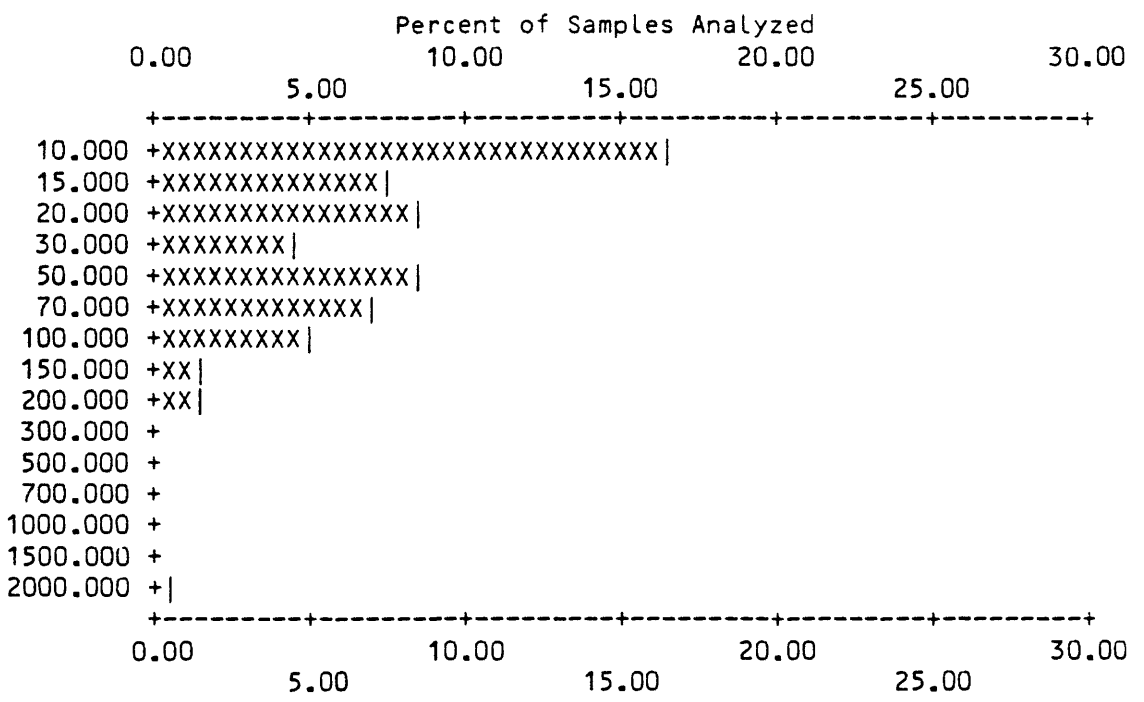
Table 7. Frequency tables and histograms for rock samples - (continued)

S-B

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	50	16.56	50	16.6	83.4	169	56.0	44.0
2	15.000	23	7.62	73	24.2	75.8	192	63.6	36.4
3	20.000	26	8.61	99	32.8	67.2	218	72.2	27.8
4	30.000	13	4.30	112	37.1	62.9	231	76.5	23.5
5	50.000	26	8.61	138	45.7	54.3	257	85.1	14.9
6	70.000	21	6.95	159	52.6	47.4	278	92.1	7.9
7	100.000	15	4.97	174	57.6	42.4	293	97.0	3.0
8	150.000	4	1.32	178	58.9	41.1	297	98.3	1.7
9	200.000	4	1.32	182	60.3	39.7	301	99.7	0.3
10	2000.000	1	0.33	183	60.6	39.4	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	40	79	0	0	183	302	302	VALUES
0.0	0.0	0.0	13.2	26.2	0.0	0.0	60.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	2000.00	51.503	150.36	27.782	2.56	183



Each increment (each X or | plotted) = 0.500 %

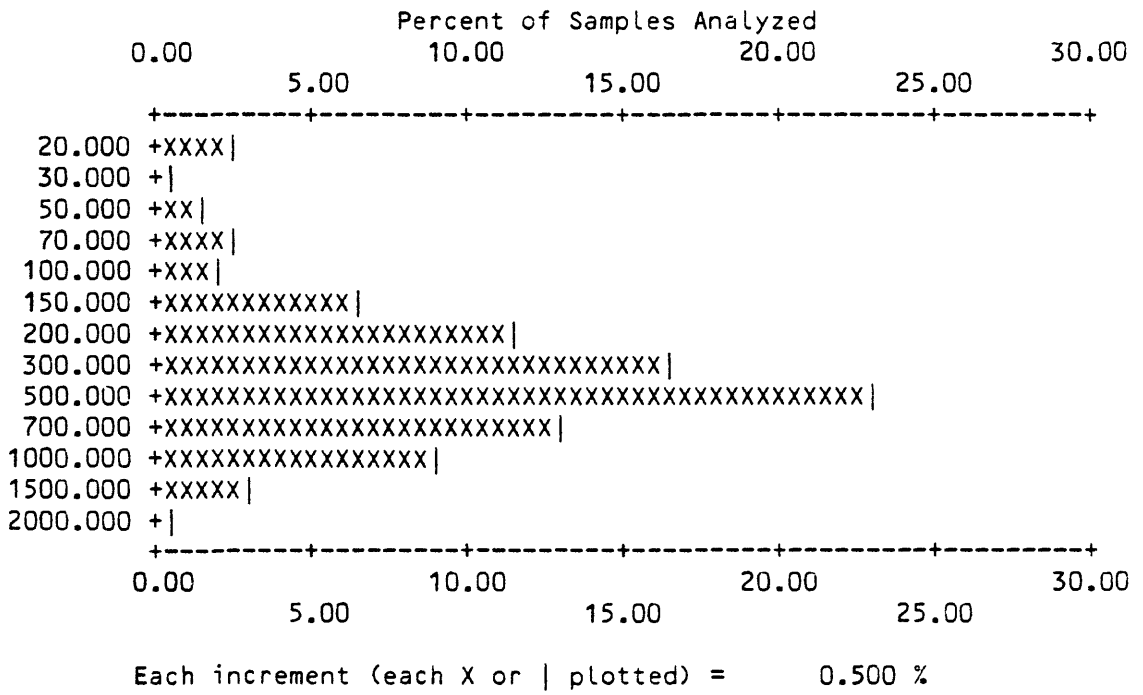
Table 7. Frequency tables and histograms for rock samples - (continued)

S-BA

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	8	2.65	8	2.6	97.4	30	9.9	90.1
2	30.000	1	0.33	9	3.0	97.0	31	10.3	89.7
3	50.000	5	1.66	14	4.6	95.4	36	11.9	88.1
4	70.000	8	2.65	22	7.3	92.7	44	14.6	85.4
5	100.000	6	1.99	28	9.3	90.7	50	16.6	83.4
6	150.000	20	6.62	48	15.9	84.1	70	23.2	76.8
7	200.000	35	11.59	83	27.5	72.5	105	34.8	65.2
8	300.000	50	16.56	133	44.0	56.0	155	51.3	48.7
9	500.000	69	22.85	202	66.9	33.1	224	74.2	25.8
10	700.000	40	13.25	242	80.1	19.9	264	87.4	12.6
11	1000.000	27	8.94	269	89.1	10.9	291	96.4	3.6
12	1500.000	9	2.98	278	92.1	7.9	300	99.3	0.7
13	2000.000	2	0.66	280	92.7	7.3	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	12	10	0	0	280	302	302	VALUES
0.0	0.0	0.0	4.0	3.3	0.0	0.0	92.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	2000.00	477.143	353.27	346.950	2.48	280



Each increment (each X or | plotted) = 0.500 %

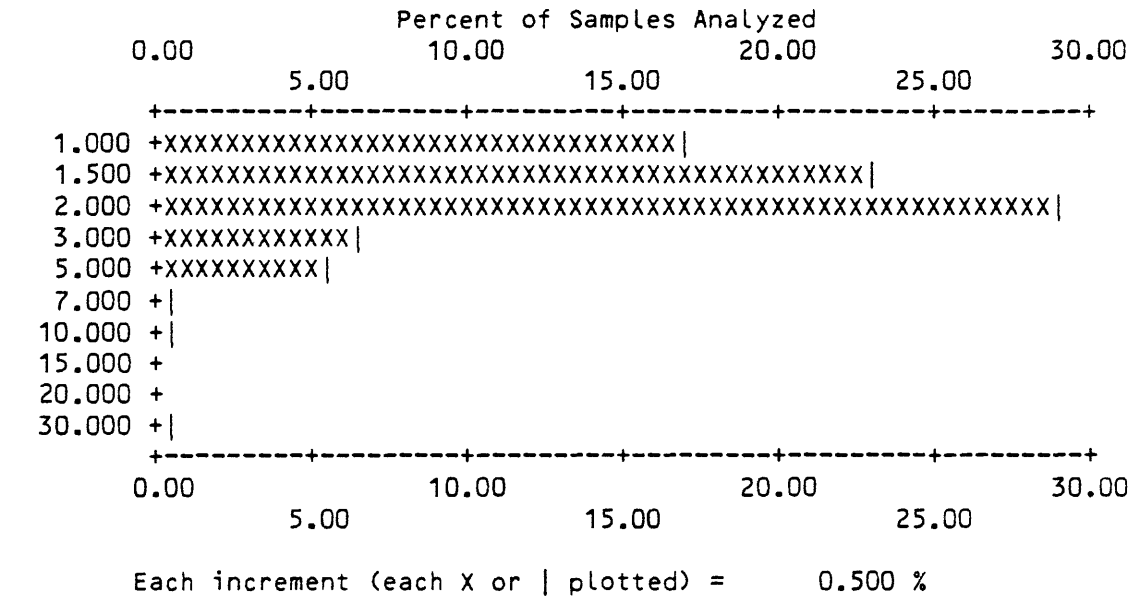
Table 7. Frequency tables and histograms for rock samples - (continued)

S-BE

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	1.000	51	16.89	51	16.9	83.1	107	35.4	64.6
2	1.500	69	22.85	120	39.7	60.3	176	58.3	41.7
3	2.000	88	29.14	208	68.9	31.1	264	87.4	12.6
4	3.000	19	6.29	227	75.2	24.8	283	93.7	6.3
5	5.000	16	5.30	243	80.5	19.5	299	99.0	1.0
6	7.000	1	0.33	244	80.8	19.2	300	99.3	0.7
7	10.000	1	0.33	245	81.1	18.9	301	99.7	0.3
8	30.000	1	0.33	246	81.5	18.5	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	26	30	0	0	246	302	302	VALUES
0.0	0.0	0.0	8.6	9.9	0.0	0.0	81.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
1.000	30.00	2.091	2.12	1.790	1.61	246



Each increment (each X or | plotted) = 0.500 %

Table 7. Frequency tables and histograms for rock samples - (continued)

S-CO

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	24	7.95	24	7.9	92.1	132	43.7	56.3
2	7.000	29	9.60	53	17.5	82.5	161	53.3	46.7
3	10.000	34	11.26	87	28.8	71.2	195	64.6	35.4
4	15.000	56	18.54	143	47.4	52.6	251	83.1	16.9
5	20.000	39	12.91	182	60.3	39.7	290	96.0	4.0
6	30.000	10	3.31	192	63.6	36.4	300	99.3	0.7
7	50.000	2	0.66	194	64.2	35.8	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	86	22	0	0	194	302	302	VALUES
0.0	0.0	0.0	28.5	7.3	0.0	0.0	64.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	50.00	13.830	7.38	12.099	1.69	194

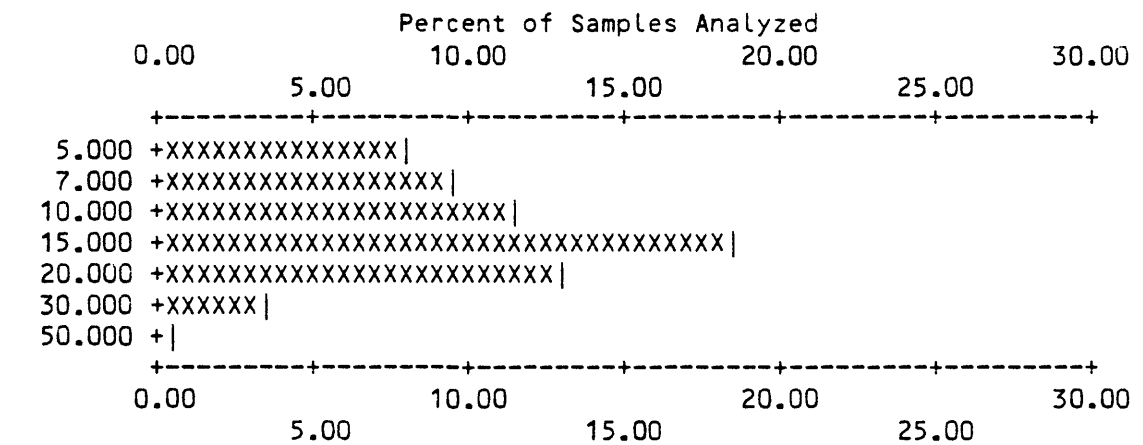


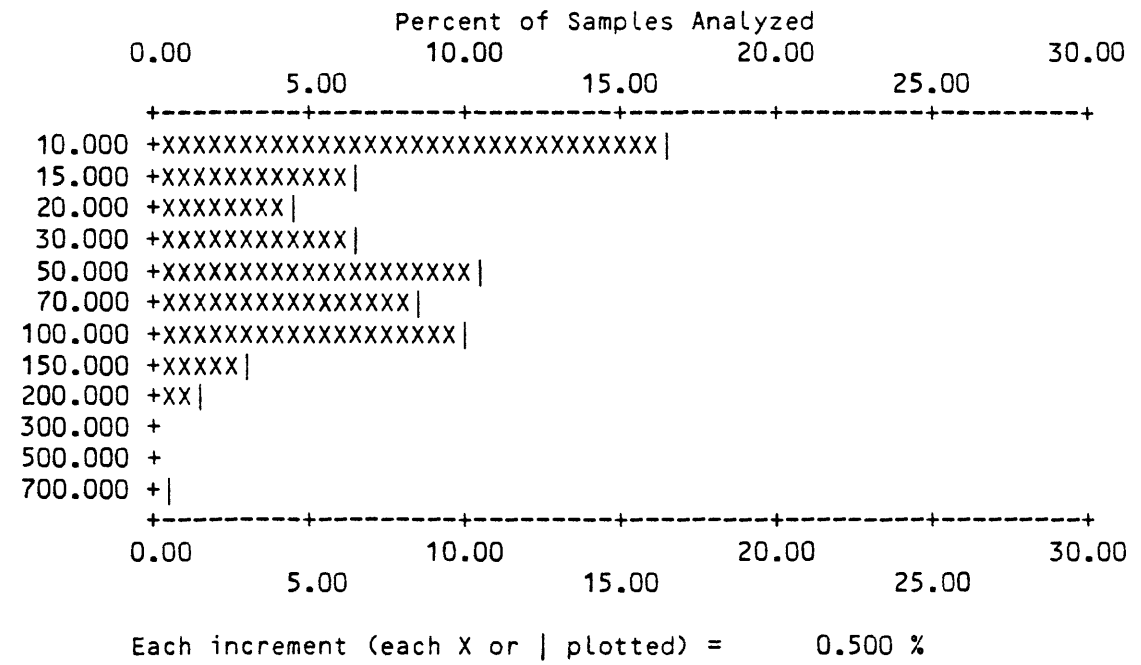
Table 7. Frequency tables and histograms for rock samples - (continued)

S-CR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	50	16.56	50	16.6	83.4	149	49.3	50.7
2	15.000	19	6.29	69	22.8	77.2	168	55.6	44.4
3	20.000	14	4.64	83	27.5	72.5	182	60.3	39.7
4	30.000	20	6.62	103	34.1	65.9	202	66.9	33.1
5	50.000	31	10.26	134	44.4	55.6	233	77.2	22.8
6	70.000	25	8.28	159	52.6	47.4	258	85.4	14.6
7	100.000	30	9.93	189	62.6	37.4	288	95.4	4.6
8	150.000	9	2.98	198	65.6	34.4	297	98.3	1.7
9	200.000	4	1.32	202	66.9	33.1	301	99.7	0.3
10	700.000	1	0.33	203	67.2	32.8	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	46	53	0	0	203	302	302	VALUES
0.0	0.0	0.0	15.2	17.5	0.0	0.0	67.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	700.00	53.276	63.29	33.862	2.61	203



Each increment (each X or | plotted) = 0.500 %

Table 7. Frequency tables and histograms for rock samples - (continued)

S-CU

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	47	15.56	47	15.6	84.4	158	52.3	47.7
2	7.000	31	10.26	78	25.8	74.2	189	62.6	37.4
3	10.000	32	10.60	110	36.4	63.6	221	73.2	26.8
4	15.000	22	7.28	132	43.7	56.3	243	80.5	19.5
5	20.000	28	9.27	160	53.0	47.0	271	89.7	10.3
6	30.000	17	5.63	177	58.6	41.4	288	95.4	4.6
7	50.000	5	1.66	182	60.3	39.7	293	97.0	3.0
8	70.000	4	1.32	186	61.6	38.4	297	98.3	1.7
9	100.000	3	0.99	189	62.6	37.4	300	99.3	0.7
10	150.000	1	0.33	190	62.9	37.1	301	99.7	0.3
11	2000.000	1	0.33	191	63.2	36.8	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	10	101	0	0	191	302	302	VALUES
0.0	0.0	0.0	3.3	33.4	0.0	0.0	63.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	2000.00	26.974	144.79	11.956	2.34	191

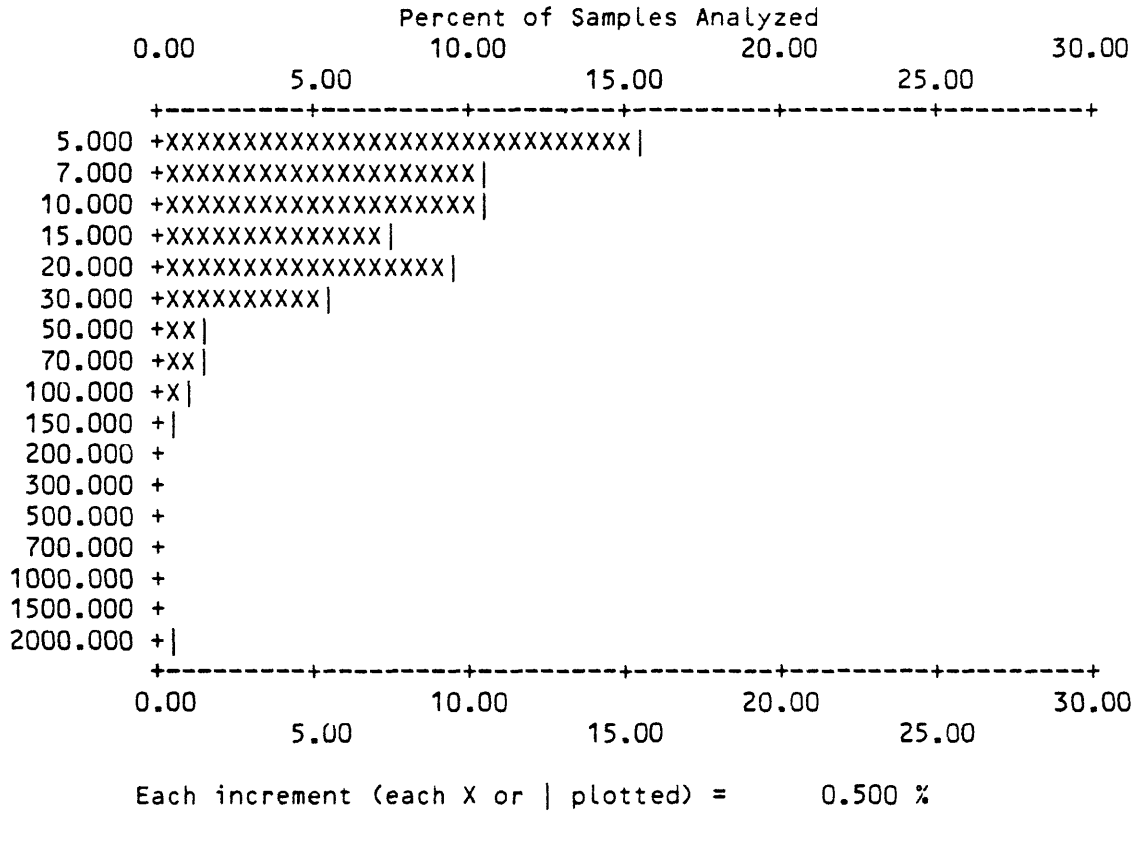


Table 7. Frequency tables and histograms for rock samples - (continued)

S-LA

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	18	5.96	18	6.0	94.0	86	28.5	71.5
2	30.000	22	7.28	40	13.2	86.8	108	35.8	64.2
3	50.000	74	24.50	114	37.7	62.3	182	60.3	39.7
4	70.000	66	21.85	180	59.6	40.4	248	82.1	17.9
5	100.000	46	15.23	226	74.8	25.2	294	97.4	2.6
6	150.000	7	2.32	233	77.2	22.8	301	99.7	0.3
7	200.000	1	0.33	234	77.5	22.5	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	39	29	0	0	234	302	302	VALUES
0.0	0.0	0.0	12.9	9.6	0.0	0.0	77.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	200.00	64.915	29.80	58.175	1.63	234

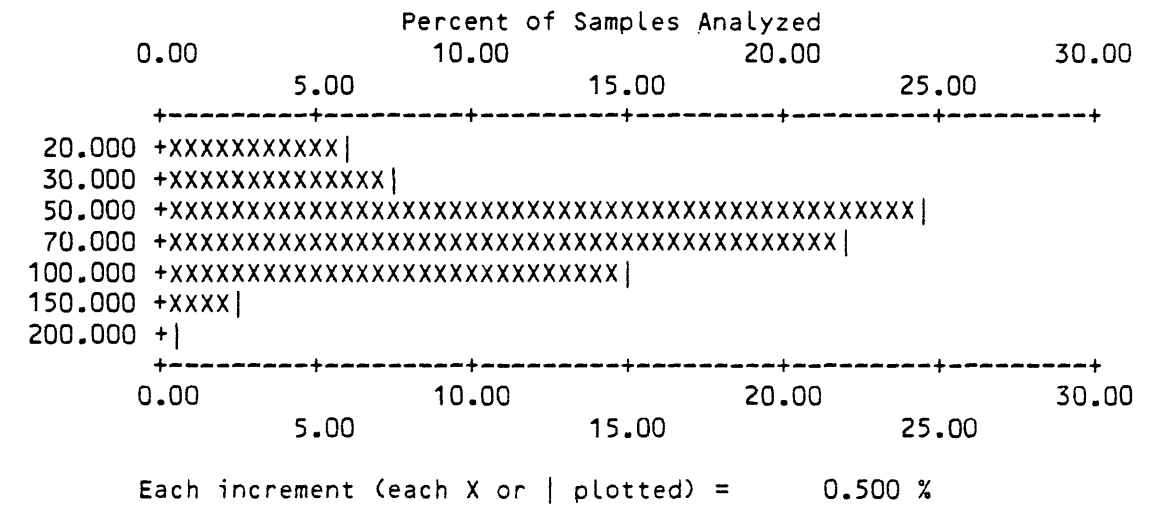


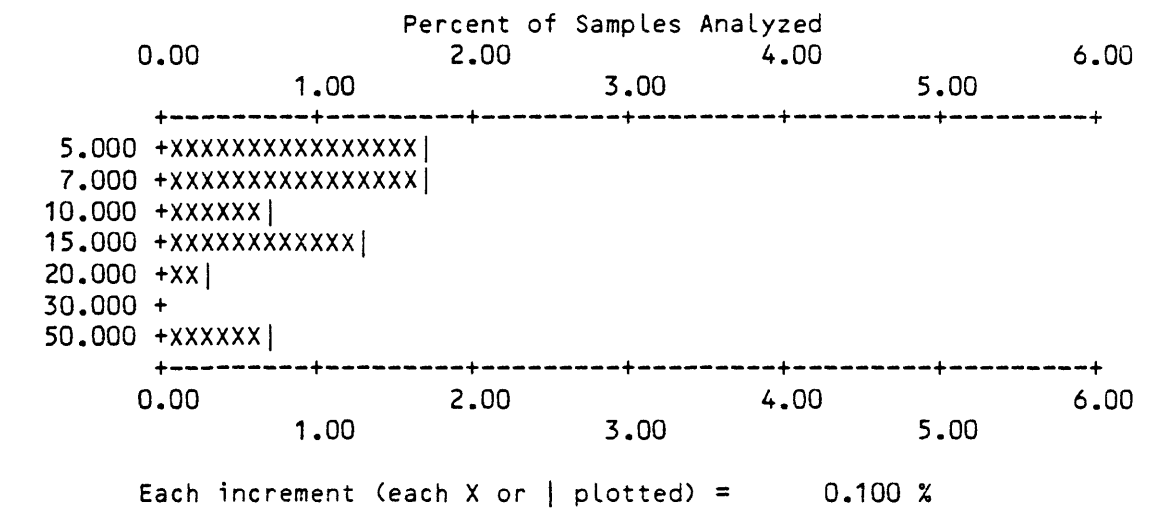
Table 7. Frequency tables and histograms for rock samples - (continued)

S-MO

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	5	1.66	5	1.7	98.3	288	95.4	4.6
2	7.000	5	1.66	10	3.3	96.7	293	97.0	3.0
3	10.000	2	0.66	12	4.0	96.0	295	97.7	2.3
4	15.000	4	1.32	16	5.3	94.7	299	99.0	1.0
5	20.000	1	0.33	17	5.6	94.4	300	99.3	0.7
6	50.000	2	0.66	19	6.3	93.7	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	276	7	0	0	19	302	302	VALUES
0.0	0.0	0.0	91.4	2.3	0.0	0.0	6.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	50.00	13.684	13.56	10.151	2.06	19



Each increment (each X or | plotted) = 0.100 %

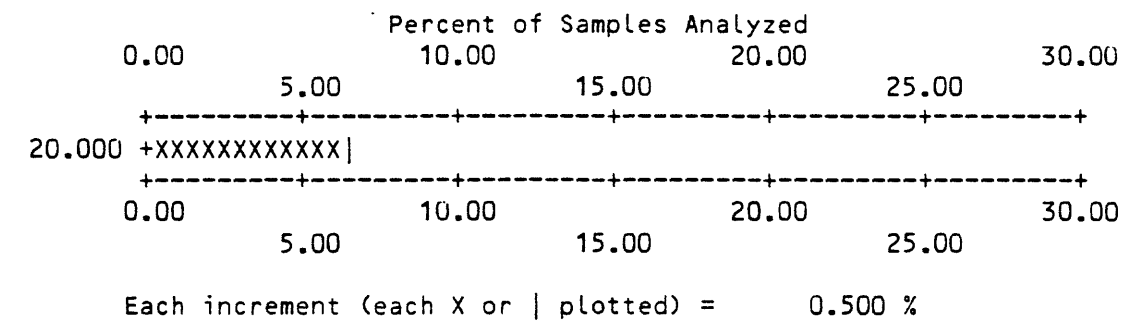
Table 7. Frequency tables and histograms for rock samples - (continued)

S-NB

	VALUE	NO.	%	CUM.	CUM. %	TOT CUM	TOT CUM %	
1	20.000	19	6.29	19	6.3	93.7	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	164	119	0	0	19	302	302	VALUES
0.0	0.0	0.0	54.3	39.4	0.0	0.0	6.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	20.00	20.000	0.00	20.000	1.00	19



Each increment (each X or | plotted) = 0.500 %

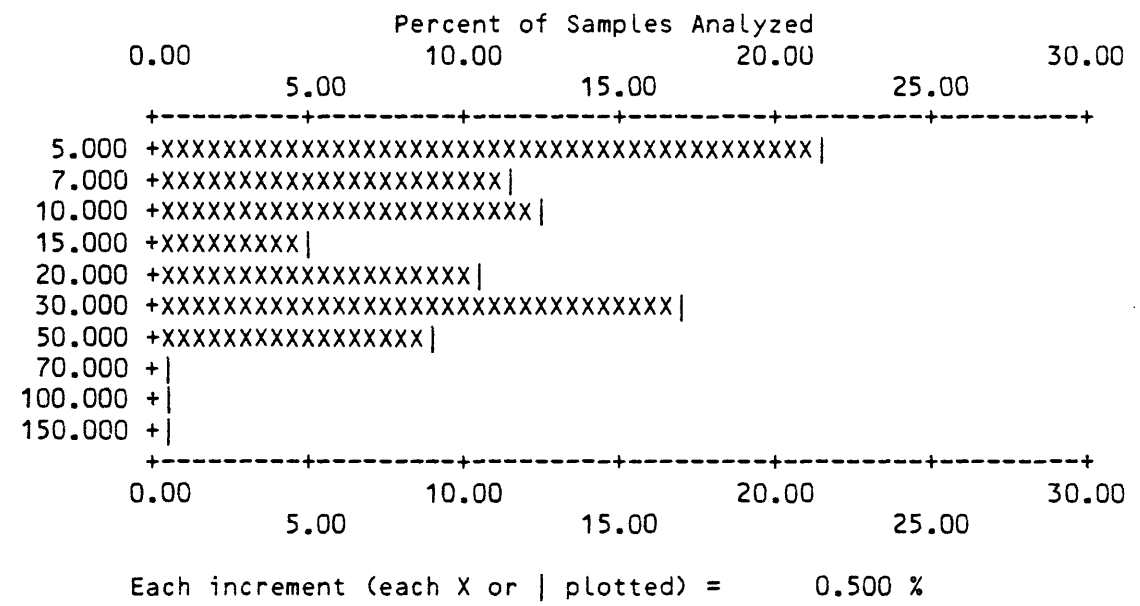
Table 7. Frequency tables and histograms for rock samples - (continued)

S-NI

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	65	21.52	65	21.5	78.5	102	33.8	66.2
2	7.000	35	11.59	100	33.1	66.9	137	45.4	54.6
3	10.000	38	12.58	138	45.7	54.3	175	57.9	42.1
4	15.000	15	4.97	153	50.7	49.3	190	62.9	37.1
5	20.000	31	10.26	184	60.9	39.1	221	73.2	26.8
6	30.000	51	16.89	235	77.8	22.2	272	90.1	9.9
7	50.000	27	8.94	262	86.8	13.2	299	99.0	1.0
8	70.000	1	0.33	263	87.1	12.9	300	99.3	0.7
9	100.000	1	0.33	264	87.4	12.6	301	99.7	0.3
10	150.000	1	0.33	265	87.7	12.3	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	25	12	0	0	265	302	302	VALUES
0.0	0.0	0.0	8.3	4.0	0.0	0.0	87.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	150.00	18.849	17.36	13.345	2.28	265



Each increment (each X or | plotted) = 0.500 %

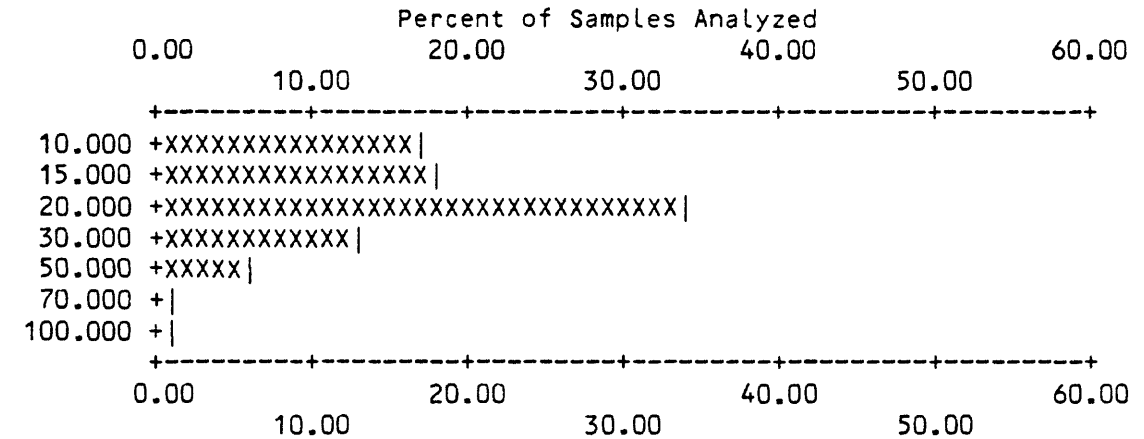
Table 7. Frequency tables and histograms for rock samples - (continued)

S-PB

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	52	17.22	52	17.2	82.8	84	27.8	72.2
2	15.000	53	17.55	105	34.8	65.2	137	45.4	54.6
3	20.000	103	34.11	208	68.9	31.1	240	79.5	20.5
4	30.000	40	13.25	248	82.1	17.9	280	92.7	7.3
5	50.000	18	5.96	266	88.1	11.9	298	98.7	1.3
6	70.000	2	0.66	268	88.7	11.3	300	99.3	0.7
7	100.000	2	0.66	270	89.4	10.6	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	14	18	0	0	270	302	302	VALUES
0.0	0.0	0.0	4.6	6.0	0.0	0.0	89.4			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	100.00	21.537	12.77	19.070	1.60	270



Each increment (each X or | plotted) = 1.000 %

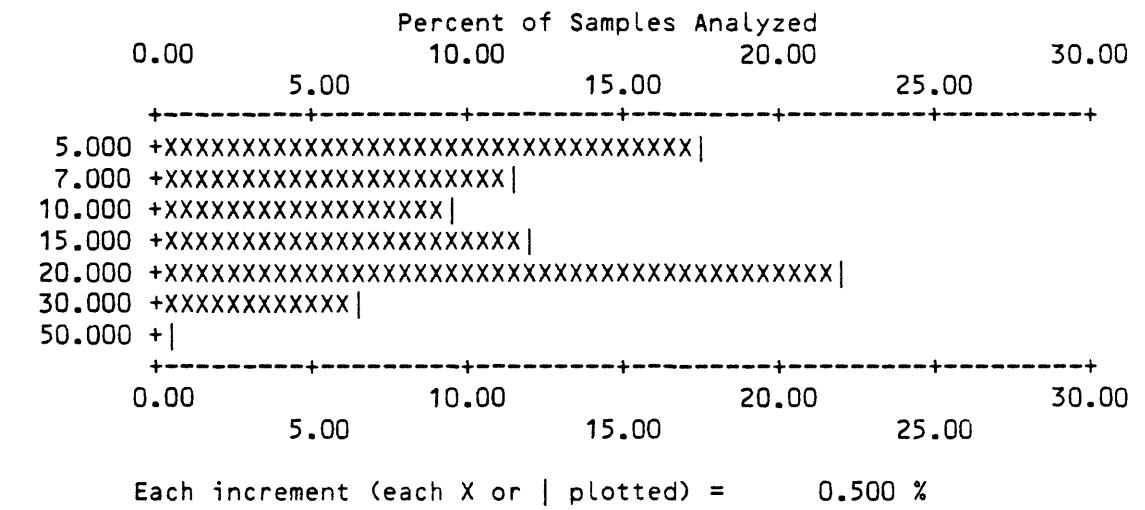
Table 7. Frequency tables and histograms for rock samples - (continued)

S-SC

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	53	17.55	53	17.5	82.5	115	38.1	61.9
2	7.000	35	11.59	88	29.1	70.9	150	49.7	50.3
3	10.000	29	9.60	117	38.7	61.3	179	59.3	40.7
4	15.000	36	11.92	153	50.7	49.3	215	71.2	28.8
5	20.000	67	22.19	220	72.8	27.2	282	93.4	6.6
6	30.000	19	6.29	239	79.1	20.9	301	99.7	0.3
7	50.000	1	0.33	240	79.5	20.5	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	37	25	0	0	240	302	302	VALUES
0.0	0.0	0.0	12.3	8.3	0.0	0.0	79.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	50.00	13.750	7.94	11.536	1.84	240



Each increment (each X or | plotted) = 0.500 %

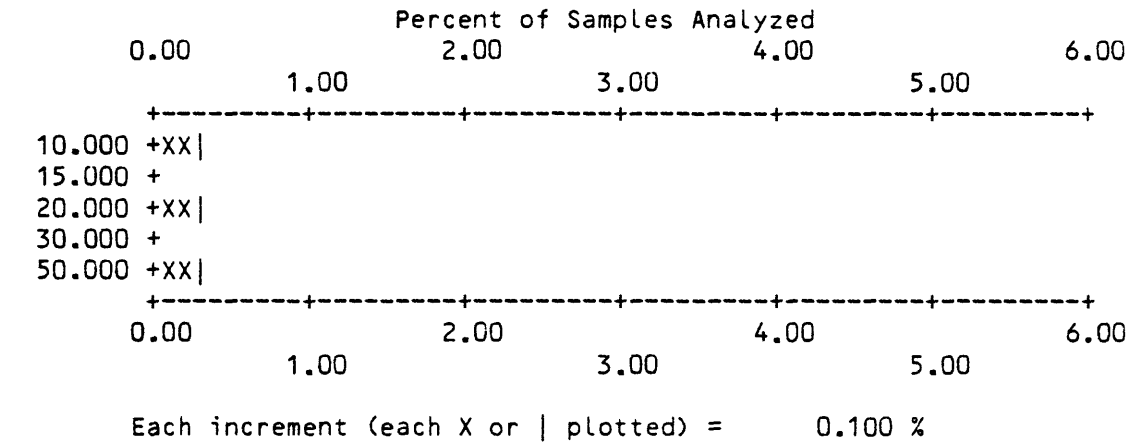
Table 7. Frequency tables and histograms for rock samples - (continued)

S-SN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	1	0.33	1	0.3	99.7	300	99.3	0.7
2	20.000	1	0.33	2	0.7	99.3	301	99.7	0.3
3	50.000	1	0.33	3	1.0	99.0	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	299	0	0	0	3	302	302	VALUES
0.0	0.0	0.0	99.0	0.0	0.0	0.0	1.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	50.00	26.667	20.82	21.544	2.24	3



Each increment (each X or | plotted) = 0.100 %

Table 7. Frequency tables and histograms for rock samples - (continued)

S-SR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	100.000	44	14.57	44	14.6	85.4	87	28.8	71.2
2	150.000	22	7.28	66	21.9	78.1	109	36.1	63.9
3	200.000	22	7.28	88	29.1	70.9	131	43.4	56.6
4	300.000	31	10.26	119	39.4	60.6	162	53.6	46.4
5	500.000	91	30.13	210	69.5	30.5	253	83.8	16.2
6	700.000	36	11.92	246	81.5	18.5	289	95.7	4.3
7	1000.000	11	3.64	257	85.1	14.9	300	99.3	0.7
8	2000.000	2	0.66	259	85.8	14.2	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	27	16	0	0	259	302	302	VALUES
0.0	0.0	0.0	8.9	5.3	0.0	0.0	85.8			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
100.000	2000.00	413.514	276.38	325.988	2.08	259

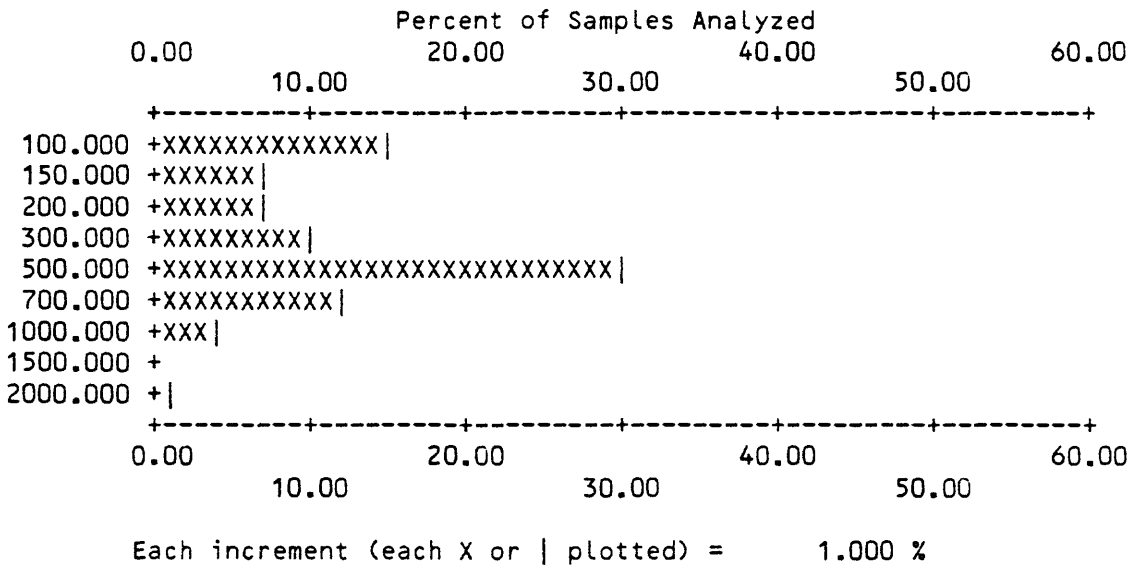


Table 7. Frequency tables and histograms for rock samples - (continued)

S-V

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	26	8.61	26	8.6	91.4	33	10.9	89.1
2	15.000	18	5.96	44	14.6	85.4	51	16.9	83.1
3	20.000	32	10.60	76	25.2	74.8	83	27.5	72.5
4	30.000	24	7.95	100	33.1	66.9	107	35.4	64.6
5	50.000	46	15.23	146	48.3	51.7	153	50.7	49.3
6	70.000	80	26.49	226	74.8	25.2	233	77.2	22.8
7	100.000	53	17.55	279	92.4	7.6	286	94.7	5.3
8	150.000	12	3.97	291	96.4	3.6	298	98.7	1.3
9	200.000	2	0.66	293	97.0	3.0	300	99.3	0.7
10	1000.000	2	0.66	295	97.7	2.3	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	7	0	0	295	302	302	VALUES
0.0	0.0	0.0	0.0	2.3	0.0	0.0	97.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	1000.00	65.390	85.85	46.802	2.26	295

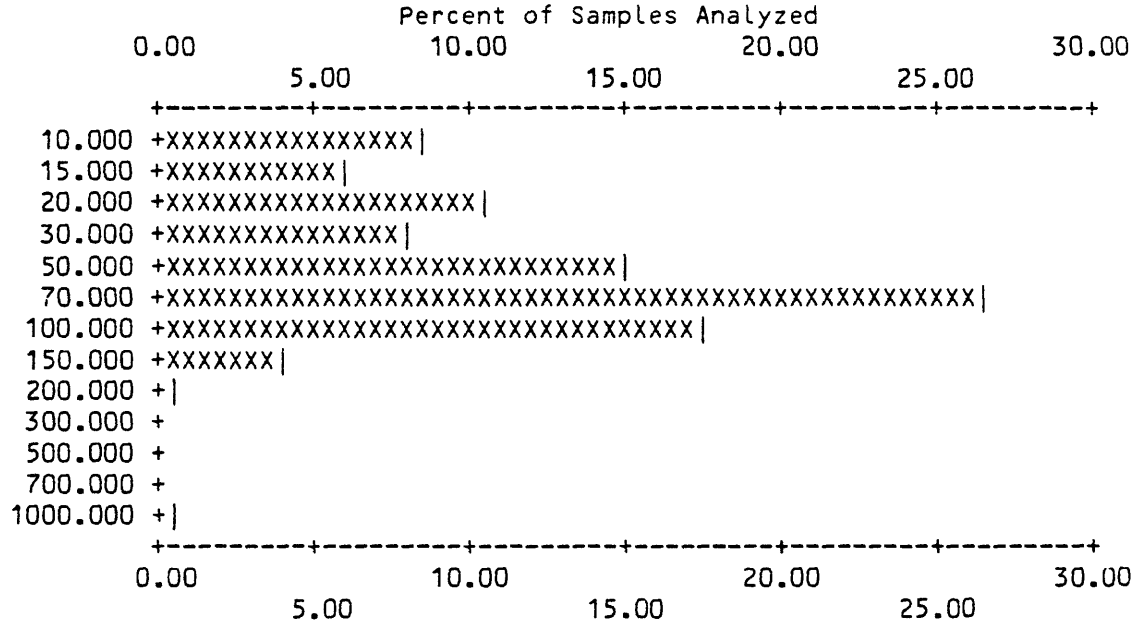


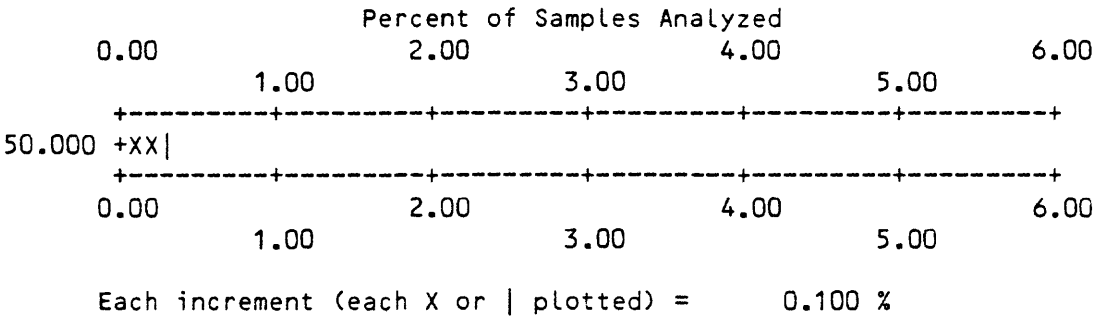
Table 7. Frequency tables and histograms for rock samples - (continued)

S-W

	VALUE	NO.	%	CUM.	CUM. %	TOT CUM	TOT CUM %	
1	50.000	1	0.33	1	0.3	99.7	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	296	5	0	0	1	302	302	VALUES
0.0	0.0	0.0	98.0	1.7	0.0	0.0	0.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
50.000	50.00	50.000	0.00	50.000	********	1



Each increment (each X or | plotted) = 0.100 %

Table 7. Frequency tables and histograms for rock samples - (continued)

S-Y

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	53	17.55	53	17.5	82.5	148	49.0	51.0
2	15.000	35	11.59	88	29.1	70.9	183	60.6	39.4
3	20.000	81	26.82	169	56.0	44.0	264	87.4	12.6
4	30.000	30	9.93	199	65.9	34.1	294	97.4	2.6
5	50.000	7	2.32	206	68.2	31.8	301	99.7	0.3
6	70.000	1	0.33	207	68.5	31.5	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	28	67	0	0	207	302	302	VALUES
0.0	0.0	0.0	9.3	22.2	0.0	0.0	68.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	70.00	19.300	9.31	17.556	1.53	207

```
                       Percent of Samples Analyzed
         0.00                10.00               20.00               30.00
                   5.00                15.00               25.00
          +---------+---------+---------+---------+---------+---------+
  10.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  15.000 +XXXXXXXXXXXXXXXXXXXXXX|
  20.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
  30.000 +XXXXXXXXXXXXXXXXXXX|
  50.000 +XXXX|
  70.000 +|
          +---------+---------+---------+---------+---------+---------+
         0.00                10.00               20.00               30.00
                   5.00                15.00               25.00

         Each increment (each X or | plotted) =      0.500 %
```

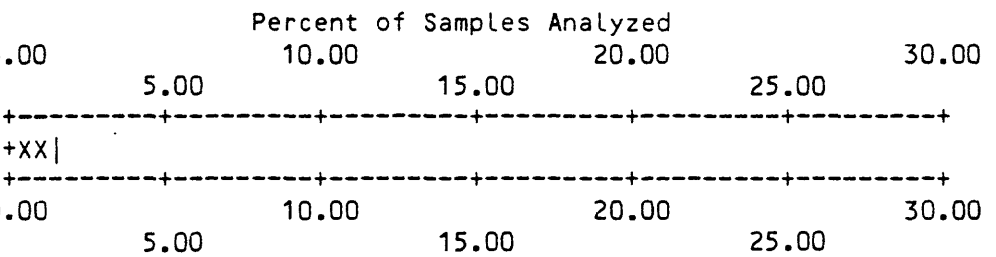
Table 7. Frequency tables and histograms for rock samples - (continued)

S-ZN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	200.000	5	1.66	5	1.7	98.3	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	276	21	0	0	5	302	302	VALUES
0.0	0.0	0.0	91.4	7.0	0.0	0.0	1.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
200.000	200.00	200.000	0.00	200.000	********	5



Each increment (each X or | plotted) = 0.500 %

Table 7. Frequency tables and histograms for rock samples - (continued)

S-ZR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	7	2.32	7	2.3	97.7	16	5.3	94.7
2	15.000	7	2.32	14	4.6	95.4	23	7.6	92.4
3	20.000	11	3.64	25	8.3	91.7	34	11.3	88.7
4	30.000	5	1.66	30	9.9	90.1	39	12.9	87.1
5	50.000	21	6.95	51	16.9	83.1	60	19.9	80.1
6	70.000	48	15.89	99	32.8	67.2	108	35.8	64.2
7	100.000	93	30.79	192	63.6	36.4	201	66.6	33.4
8	150.000	54	17.88	246	81.5	18.5	255	84.4	15.6
9	200.000	31	10.26	277	91.7	8.3	286	94.7	5.3
10	300.000	9	2.98	286	94.7	5.3	295	97.7	2.3
11	500.000	1	0.33	287	95.0	5.0	296	98.0	2.0
12	700.000	1	0.33	288	95.4	4.6	297	98.3	1.7
13	1000.000	5	1.66	293	97.0	3.0	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	3	6	0	0	293	302	302	VALUES
0.0	0.0	0.0	1.0	2.0	0.0	0.0	97.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	1000.00	127.833	136.57	94.537	2.20	293

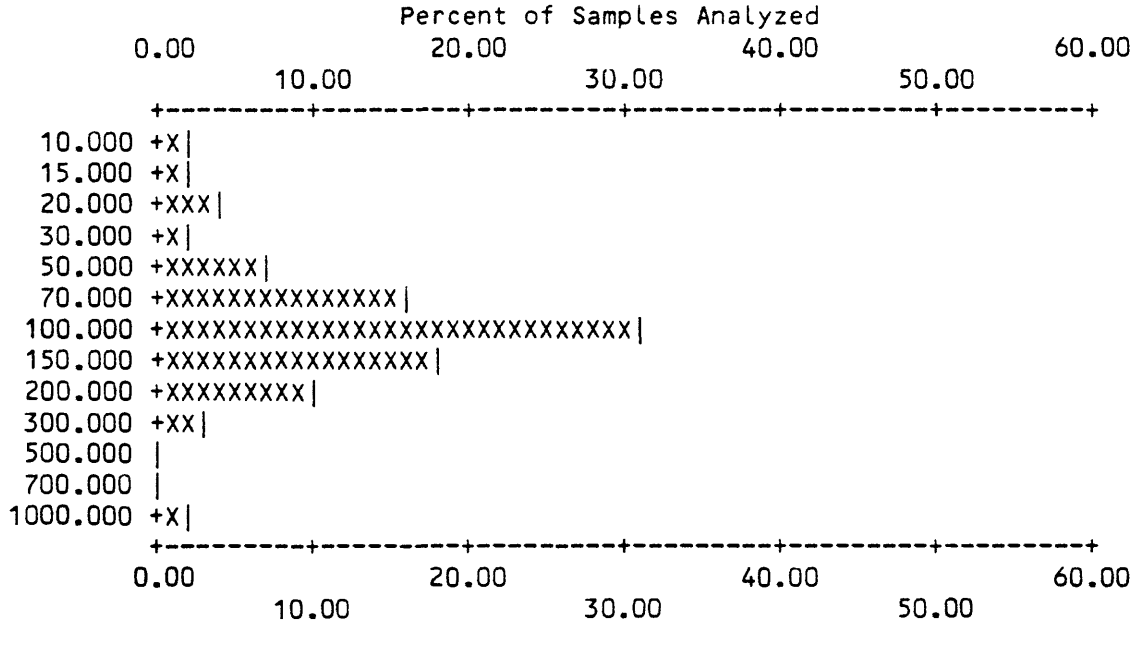


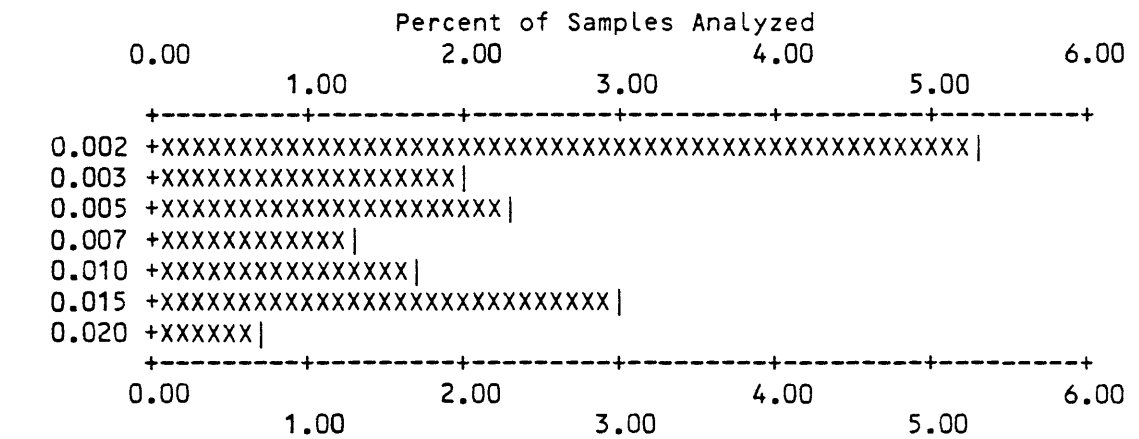
Table 7. Frequency tables and histograms for rock samples - (continued)

AA-AU

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.002	16	5.30	16	5.3	94.7	269	89.1	10.9
2	0.003	6	1.99	22	7.3	92.7	275	91.1	8.9
3	0.005	7	2.32	29	9.6	90.4	282	93.4	6.6
4	0.007	4	1.32	33	10.9	89.1	286	94.7	5.3
5	0.010	5	1.66	38	12.6	87.4	291	96.4	3.6
6	0.015	9	2.98	47	15.6	84.4	300	99.3	0.7
7	0.020	2	0.66	49	16.2	83.8	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	225	28	0	0	49	302	302	VALUES
0.0	0.0	0.0	74.5	9.3	0.0	0.0	16.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.002	0.02	0.007	0.01	0.005	2.28	49



Each increment (each X or | plotted) = 0.100 %

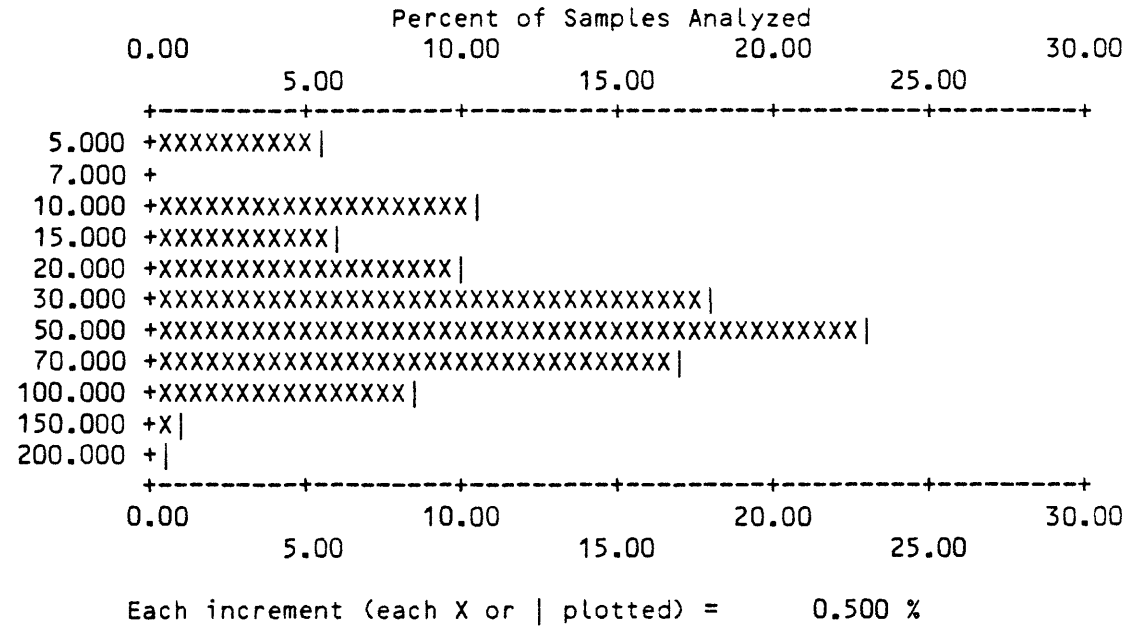
Table 7. Frequency tables and histograms for rock samples - (continued)

AA-ZN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	17	5.63	17	5.6	94.4	18	6.0	94.0
2	10.000	31	10.26	48	15.9	84.1	49	16.2	83.8
3	15.000	18	5.96	66	21.9	78.1	67	22.2	77.8
4	20.000	30	9.93	96	31.8	68.2	97	32.1	67.9
5	30.000	54	17.88	150	49.7	50.3	151	50.0	50.0
6	50.000	70	23.18	220	72.8	27.2	221	73.2	26.8
7	70.000	52	17.22	272	90.1	9.9	273	90.4	9.6
8	100.000	25	8.28	297	98.3	1.7	298	98.7	1.3
9	150.000	3	0.99	300	99.3	0.7	301	99.7	0.3
10	200.000	1	0.33	301	99.7	0.3	302	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	1	0	0	301	302	302	VALUES
0.0	0.0	0.0	0.0	0.3	0.0	0.0	99.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	200.00	43.771	30.48	32.868	2.29	301



Each increment (each X or | plotted) = 0.500 %

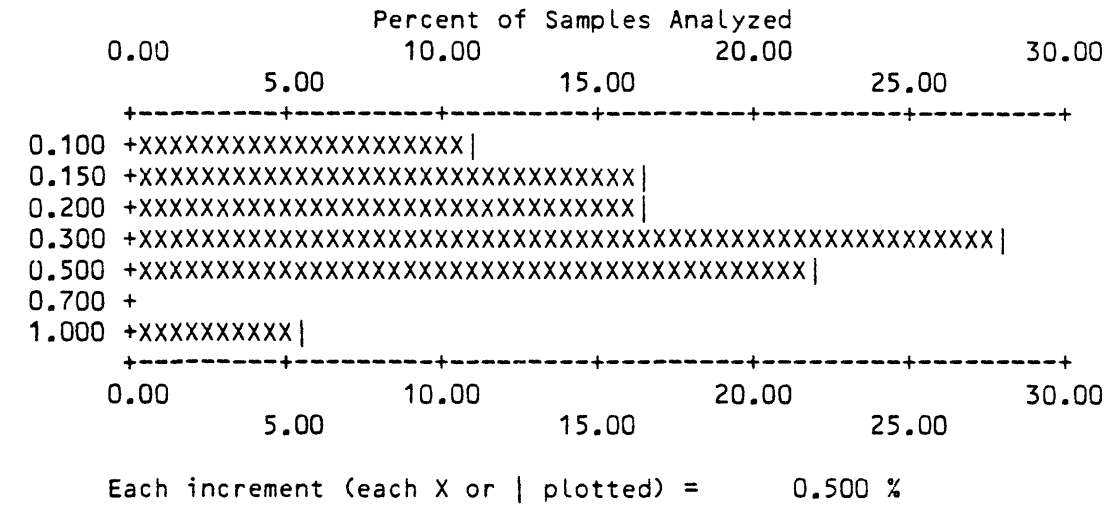
Table 7. Frequency tables and histograms for rock samples - (continued)

U-INST

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.100	2	11.11	2	11.1	88.9	2	11.1	88.9
2	0.150	3	16.67	5	27.8	72.2	5	27.8	72.2
3	0.200	3	16.67	8	44.4	55.6	8	44.4	55.6
4	0.300	5	27.78	13	72.2	27.8	13	72.2	27.8
5	0.500	4	22.22	17	94.4	5.6	17	94.4	5.6
6	1.000	1	5.56	18	100.0	0.0	18	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
284	0	0	0	0	0	0	18	18	302	VALUES
94.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.100	1.00	0.319	0.22	0.265	1.86	18



Each increment (each X or | plotted) = 0.500 %

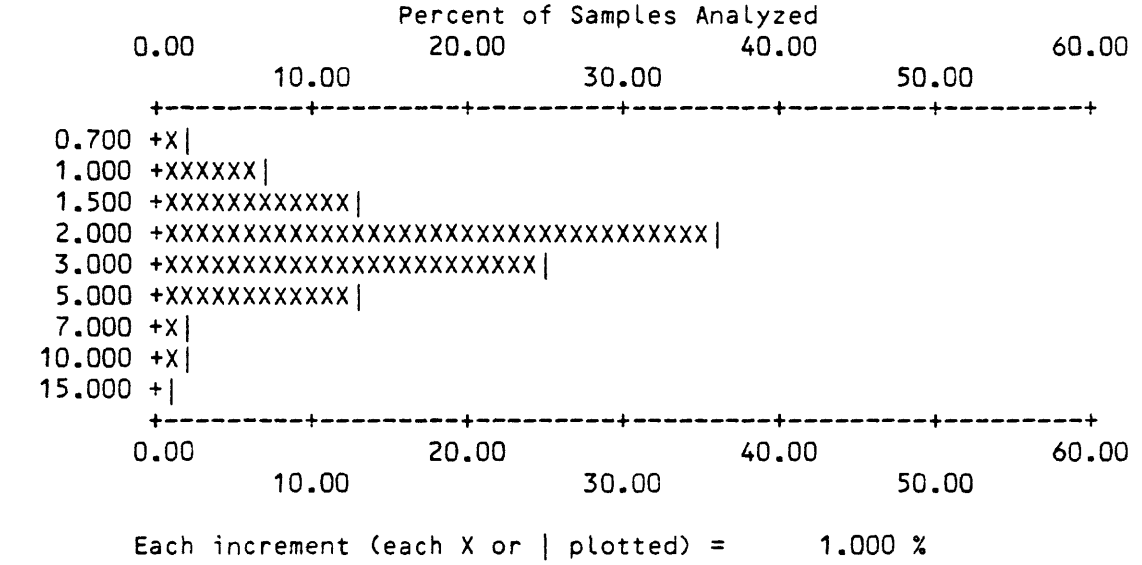
Table 8. Frequency tables and histograms for stream-sediment samples

S-FE%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.700	9	2.33	9	2.3	97.7	9	2.3	97.7
2	1.000	28	7.25	37	9.6	90.4	37	9.6	90.4
3	1.500	50	12.95	87	22.5	77.5	87	22.5	77.5
4	2.000	138	35.75	225	58.3	41.7	225	58.3	41.7
5	3.000	96	24.87	321	83.2	16.8	321	83.2	16.8
6	5.000	49	12.69	370	95.9	4.1	370	95.9	4.1
7	7.000	7	1.81	377	97.7	2.3	377	97.7	2.3
8	10.000	7	1.81	384	99.5	0.5	384	99.5	0.5
9	15.000	2	0.52	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.700	15.00	2.765	1.86	2.365	1.71	386



Each increment (each X or | plotted) = 1.000 %

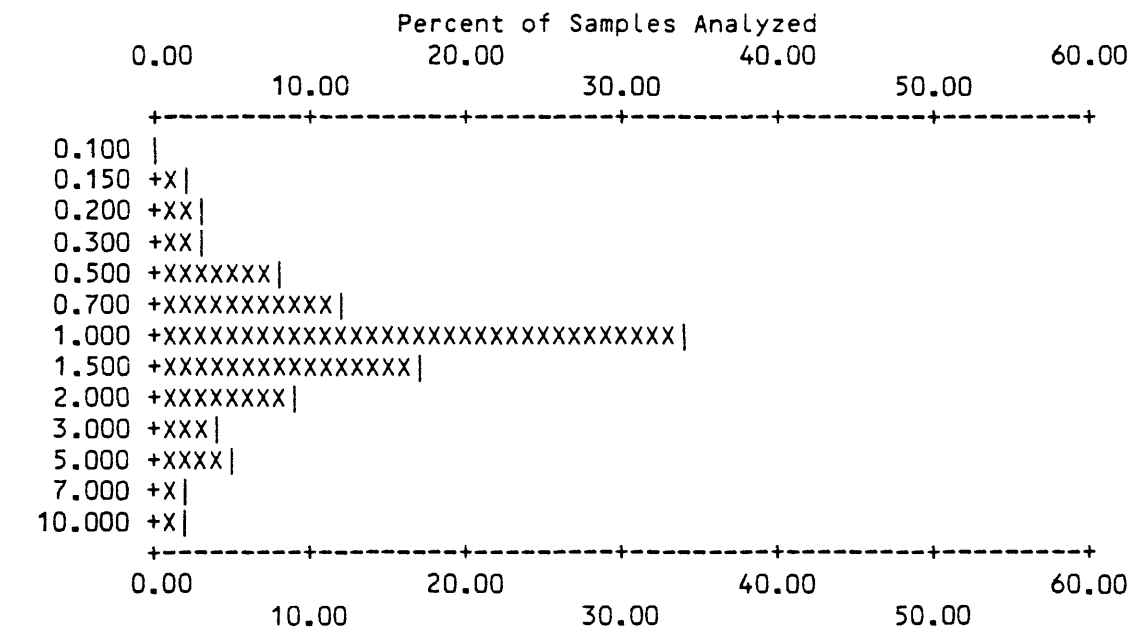
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-MG%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.100	1	0.26	1	0.3	99.7	1	0.3	99.7
2	0.150	6	1.55	7	1.8	98.2	7	1.8	98.2
3	0.200	13	3.37	20	5.2	94.8	20	5.2	94.8
4	0.300	10	2.59	30	7.8	92.2	30	7.8	92.2
5	0.500	30	7.77	60	15.5	84.5	60	15.5	84.5
6	0.700	45	11.66	105	27.2	72.8	105	27.2	72.8
7	1.000	132	34.20	237	61.4	38.6	237	61.4	38.6
8	1.500	64	16.58	301	78.0	22.0	301	78.0	22.0
9	2.000	34	8.81	335	86.8	13.2	335	86.8	13.2
10	3.000	17	4.40	352	91.2	8.8	352	91.2	8.8
11	5.000	21	5.44	373	96.6	3.4	373	96.6	3.4
12	7.000	6	1.55	379	98.2	1.8	379	98.2	1.8
13	10.000	7	1.81	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.100	10.00	1.599	1.71	1.127	2.24	386



Each increment (each X or | plotted) = 1.000 %

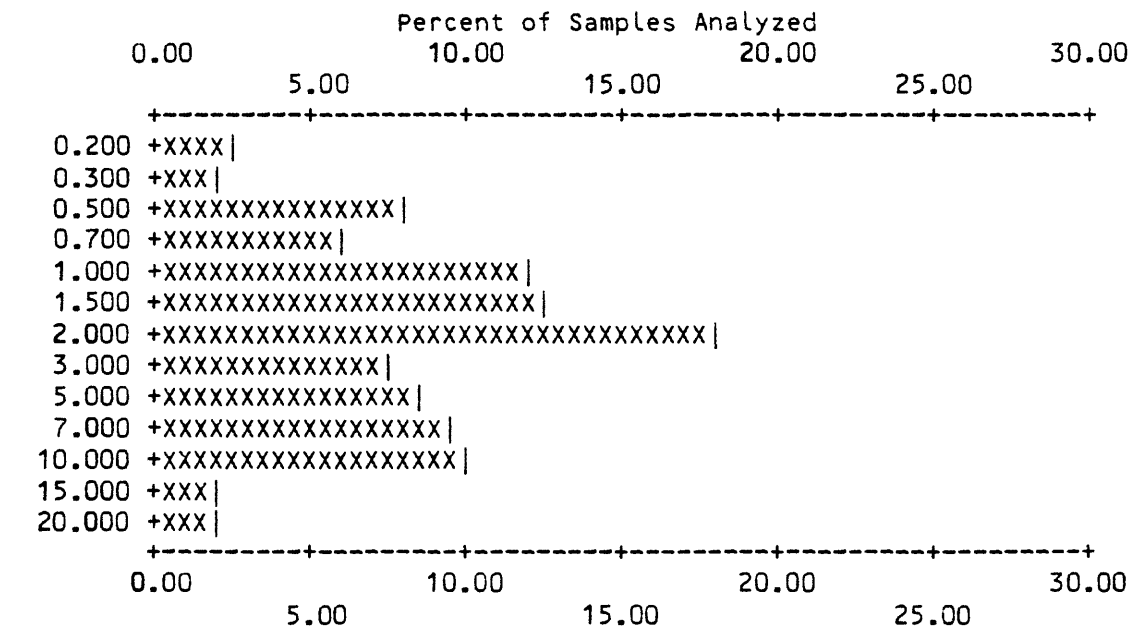
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-CA%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.200	9	2.33	9	2.3	97.7	9	2.3	97.7
2	0.300	8	2.07	17	4.4	95.6	17	4.4	95.6
3	0.500	30	7.77	47	12.2	87.8	47	12.2	87.8
4	0.700	24	6.22	71	18.4	81.6	71	18.4	81.6
5	1.000	46	11.92	117	30.3	69.7	117	30.3	69.7
6	1.500	48	12.44	165	42.7	57.3	165	42.7	57.3
7	2.000	70	18.13	235	60.9	39.1	235	60.9	39.1
8	3.000	29	7.51	264	68.4	31.6	264	68.4	31.6
9	5.000	33	8.55	297	76.9	23.1	297	76.9	23.1
10	7.000	36	9.33	333	86.3	13.7	333	86.3	13.7
11	10.000	39	10.10	372	96.4	3.6	372	96.4	3.6
12	15.000	7	1.81	379	98.2	1.8	379	98.2	1.8
13	20.000	7	1.81	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.200	20.00	3.712	4.03	2.171	2.91	386



Each increment (each X or | plotted) = 0.500 %

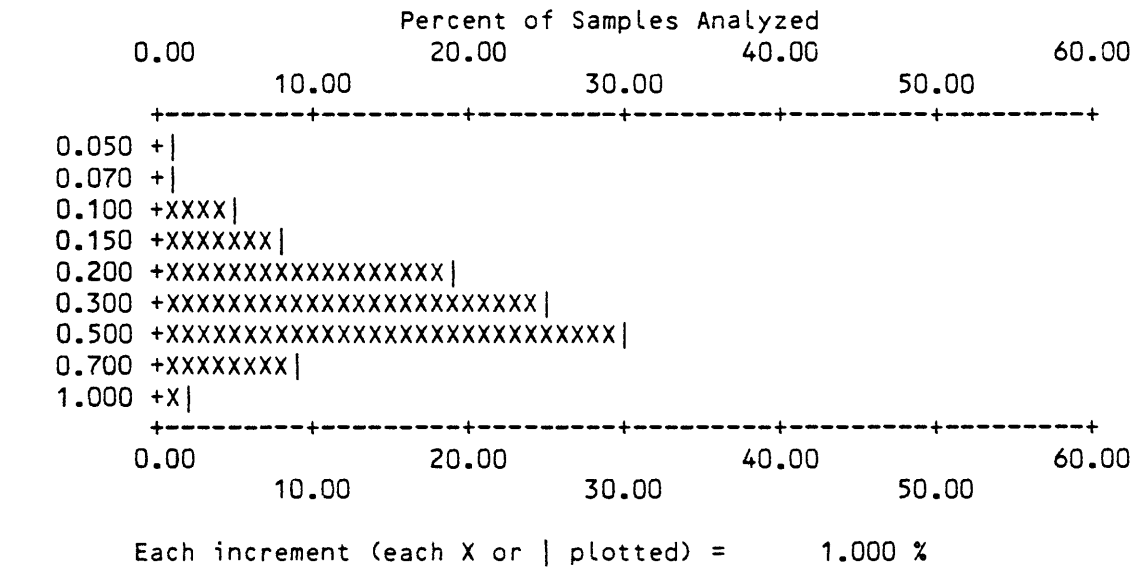
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-TI%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.050	2	0.52	2	0.5	99.5	2	0.5	99.5
2	0.070	4	1.04	6	1.6	98.4	6	1.6	98.4
3	0.100	20	5.18	26	6.7	93.3	26	6.7	93.3
4	0.150	32	8.29	58	15.0	85.0	58	15.0	85.0
5	0.200	72	18.65	130	33.7	66.3	130	33.7	66.3
6	0.300	97	25.13	227	58.8	41.2	227	58.8	41.2
7	0.500	116	30.05	343	88.9	11.1	343	88.9	11.1
8	0.700	36	9.33	379	98.2	1.8	379	98.2	1.8
9	1.000	7	1.81	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.050	1.00	0.365	0.20	0.312	1.80	386



Each increment (each X or | plotted) = 1.000 %

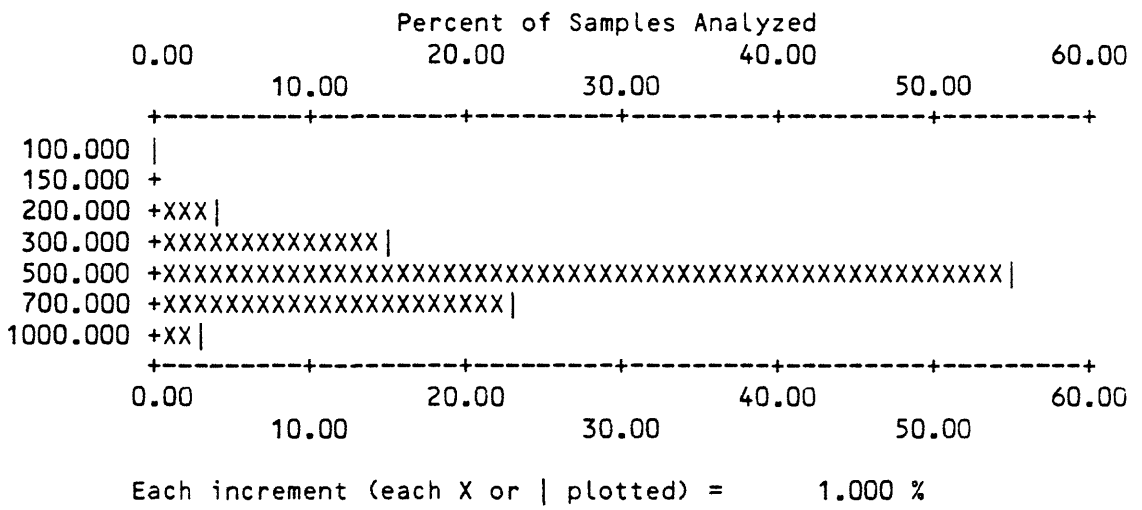
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-MN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	100.000	1	0.26	1	0.3	99.7	1	0.3	99.7
2	200.000	14	3.63	15	3.9	96.1	15	3.9	96.1
3	300.000	58	15.03	73	18.9	81.1	73	18.9	81.1
4	500.000	214	55.44	287	74.4	25.6	287	74.4	25.6
5	700.000	89	23.06	376	97.4	2.6	376	97.4	2.6
6	1000.000	10	2.59	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
100.000	1000.00	517.098	158.62	490.775	1.40	386



Each increment (each X or | plotted) = 1.000 %

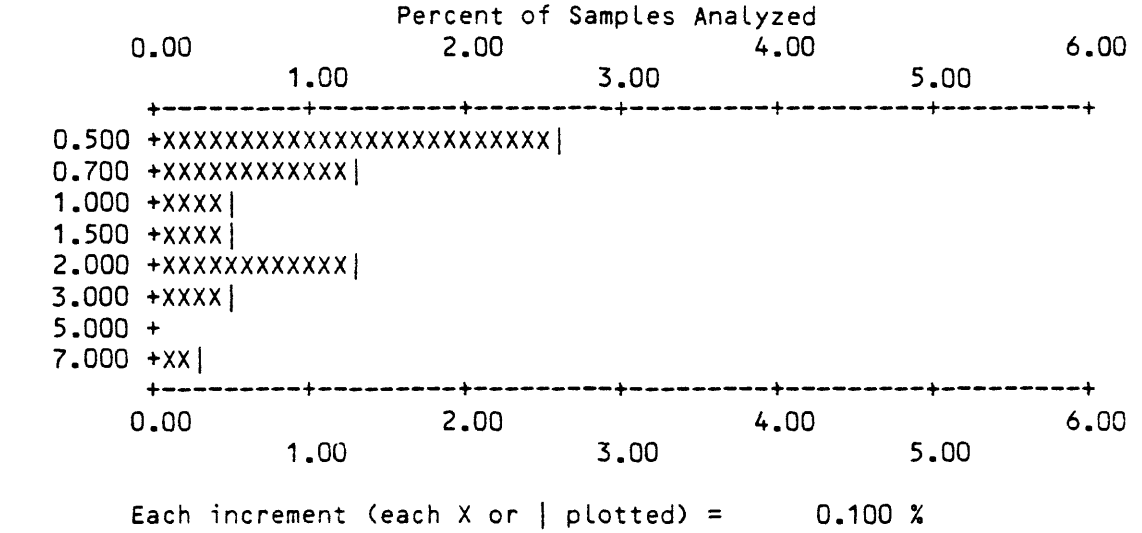
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-AG

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.500	10	2.59	10	2.6	97.4	369	95.6	4.4
2	0.700	5	1.30	15	3.9	96.1	374	96.9	3.1
3	1.000	2	0.52	17	4.4	95.6	376	97.4	2.6
4	1.500	2	0.52	19	4.9	95.1	378	97.9	2.1
5	2.000	5	1.30	24	6.2	93.8	383	99.2	0.8
6	3.000	2	0.52	26	6.7	93.3	385	99.7	0.3
7	7.000	1	0.26	27	7.0	93.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	351	8	0	0	27	386	386	VALUES
0.0	0.0	0.0	90.9	2.1	0.0	0.0	7.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.500	7.00	1.352	1.37	0.989	2.10	27



Each increment (each X or | plotted) = 0.100 %

Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-AS

	VALUE	NO.	%	CUM.	CUM. %	TOT CUM	TOT CUM %	
1	300.000	1	0.26	1	0.3 99.7	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	385	0	0	0	1	386	386	VALUES
0.0	0.0	0.0	99.7	0.0	0.0	0.0	0.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
300.000	300.00	300.000	0.00	300.000	********	1

Percent of Samples Analyzed

```
          0.00        1.00        2.00        3.00        4.00        5.00        6.00
           +----------+----------+----------+----------+----------+----------+
300.000    +XX|
           +----------+----------+----------+----------+----------+----------+
          0.00        1.00        2.00        3.00        4.00        5.00        6.00
```

Each increment (each X or | plotted) = 0.100 %

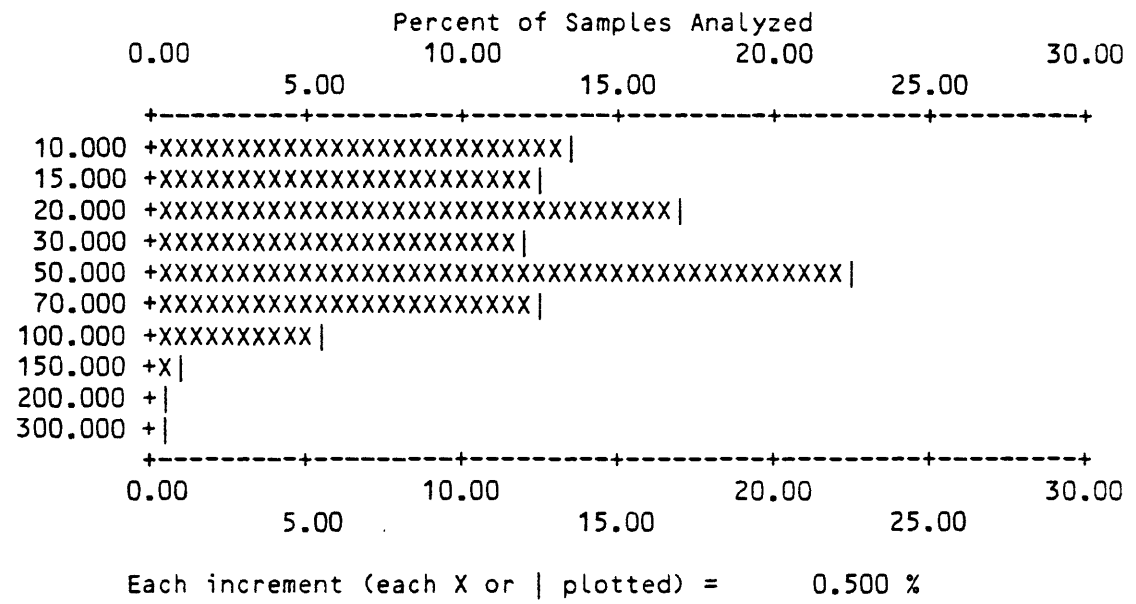
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-B

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	53	13.73	53	13.7	86.3	65	16.8	83.2
2	15.000	48	12.44	101	26.2	73.8	113	29.3	70.7
3	20.000	65	16.84	166	43.0	57.0	178	46.1	53.9
4	30.000	47	12.18	213	55.2	44.8	225	58.3	41.7
5	50.000	86	22.28	299	77.5	22.5	311	80.6	19.4
6	70.000	48	12.44	347	89.9	10.1	359	93.0	7.0
7	100.000	21	5.44	368	95.3	4.7	380	98.4	1.6
8	150.000	3	0.78	371	96.1	3.9	383	99.2	0.8
9	200.000	2	0.52	373	96.6	3.4	385	99.7	0.3
10	300.000	1	0.26	374	96.9	3.1	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	2	10	0	0	374	386	386	VALUES
0.0	0.0	0.0	0.5	2.6	0.0	0.0	96.9			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	300.00	39.759	32.37	30.238	2.10	374



Each increment (each X or | plotted) = 0.500 %

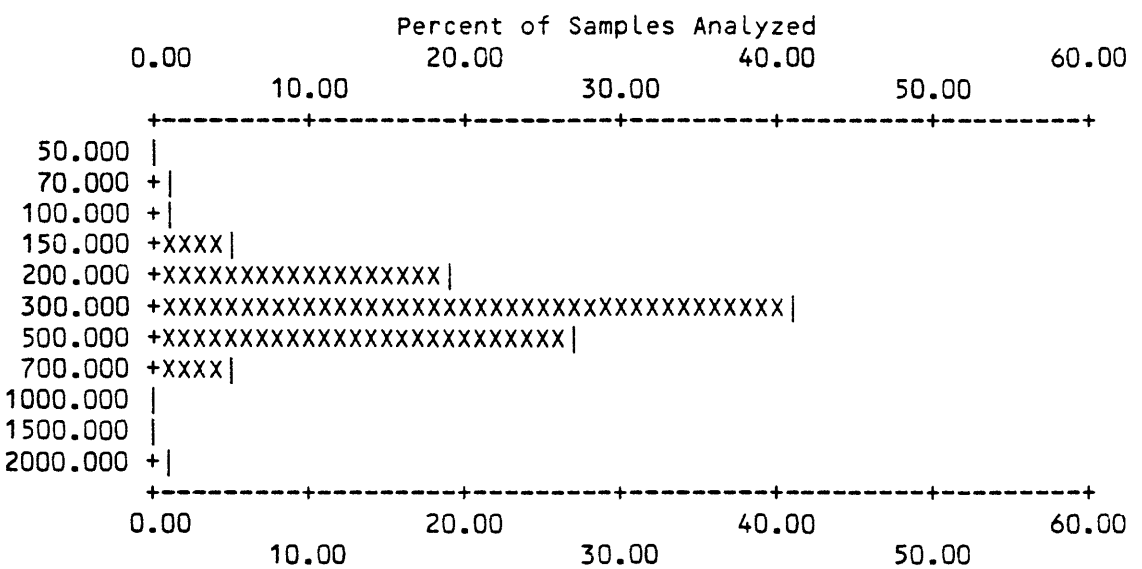
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-BA

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	50.000	1	0.26	1	0.3	99.7	1	0.3	99.7
2	70.000	2	0.52	3	0.8	99.2	3	0.8	99.2
3	100.000	2	0.52	5	1.3	98.7	5	1.3	98.7
4	150.000	21	5.44	26	6.7	93.3	26	6.7	93.3
5	200.000	75	19.43	101	26.2	73.8	101	26.2	73.8
6	300.000	157	40.67	258	66.8	33.2	258	66.8	33.2
7	500.000	104	26.94	362	93.8	6.2	362	93.8	6.2
8	700.000	20	5.18	382	99.0	1.0	382	99.0	1.0
9	1000.000	1	0.26	383	99.2	0.8	383	99.2	0.8
10	1500.000	1	0.26	384	99.5	0.5	384	99.5	0.5
11	2000.000	2	0.52	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
50.000	2000.00	357.876	199.01	319.919	1.59	386



Each increment (each X or | plotted) = 1.000 %

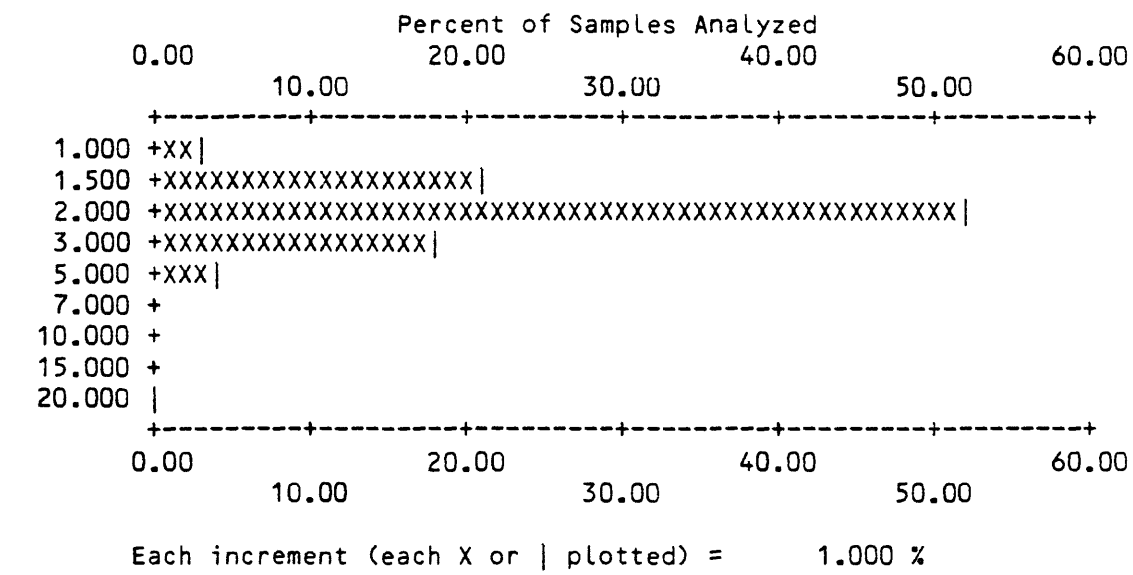
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-BE

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	1.000	13	3.37	13	3.4	96.6	19	4.9	95.1
2	1.500	81	20.98	94	24.4	75.6	100	25.9	74.1
3	2.000	199	51.55	293	75.9	24.1	299	77.5	22.5
4	3.000	69	17.88	362	93.8	6.2	368	95.3	4.7
5	5.000	17	4.40	379	98.2	1.8	385	99.7	0.3
6	20.000	1	0.26	380	98.4	1.6	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	6	0	0	380	386	386	VALUES
0.0	0.0	0.0	0.0	1.6	0.0	0.0	98.4			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
1.000	20.00	2.222	1.22	2.073	1.40	380



Each increment (each X or | plotted) = 1.000 %

Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-BI

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	2	0.52	2	0.5	99.5	383	99.2	0.8
2	30.000	1	0.26	3	0.8	99.2	384	99.5	0.5
3	50.000	1	0.26	4	1.0	99.0	385	99.7	0.3
4	70.000	1	0.26	5	1.3	98.7	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	379	2	0	0	5	386	386	VALUES
0.0	0.0	0.0	98.2	0.5	0.0	0.0	1.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	70.00	34.000	26.08	25.365	2.46	5

Percent of Samples Analyzed

```
          0.00        1.00        2.00        3.00        4.00        5.00        6.00
           +---------+---------+---------+---------+---------+---------+---------+
 10.000 +XXXX|
 15.000 +
 20.000 +
 30.000 +XX|
 50.000 +XX|
 70.000 +XX|
           +---------+---------+---------+---------+---------+---------+---------+
          0.00        1.00        2.00        3.00        4.00        5.00        6.00
```

Each increment (each X or | plotted) = 0.100 %

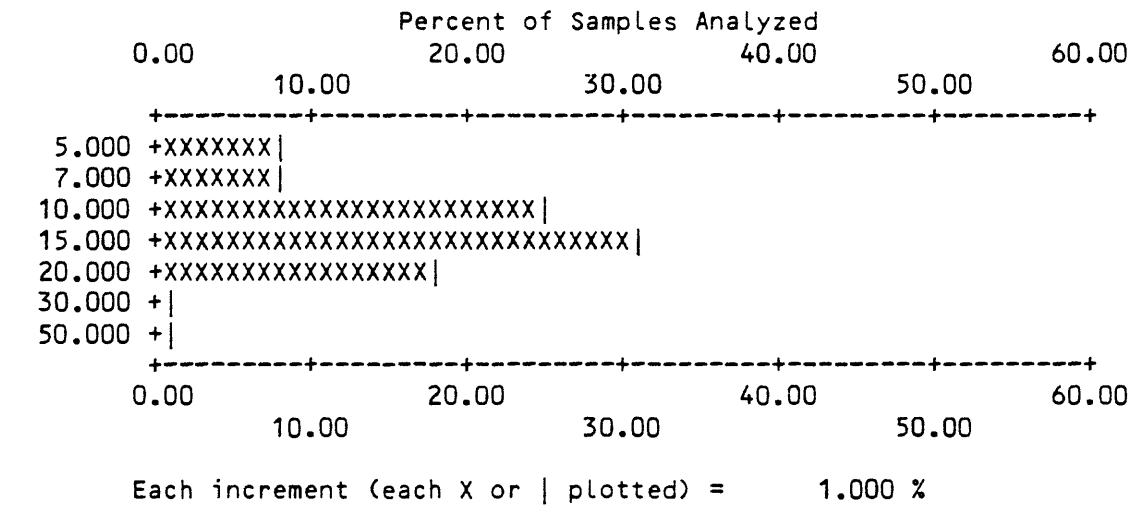
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-CO

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	29	7.51	29	7.5	92.5	60	15.5	84.5
2	7.000	30	7.77	59	15.3	84.7	90	23.3	76.7
3	10.000	98	25.39	157	40.7	59.3	188	48.7	51.3
4	15.000	121	31.35	278	72.0	28.0	309	80.1	19.9
5	20.000	71	18.39	349	90.4	9.6	380	98.4	1.6
6	30.000	4	1.04	353	91.5	8.5	384	99.5	0.5
7	50.000	2	0.52	355	92.0	8.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	14	17	0	0	355	386	386	VALUES
0.0	0.0	0.0	3.6	4.4	0.0	0.0	92.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	50.00	13.493	5.72	12.355	1.54	355



Each increment (each X or | plotted) = 1.000 %

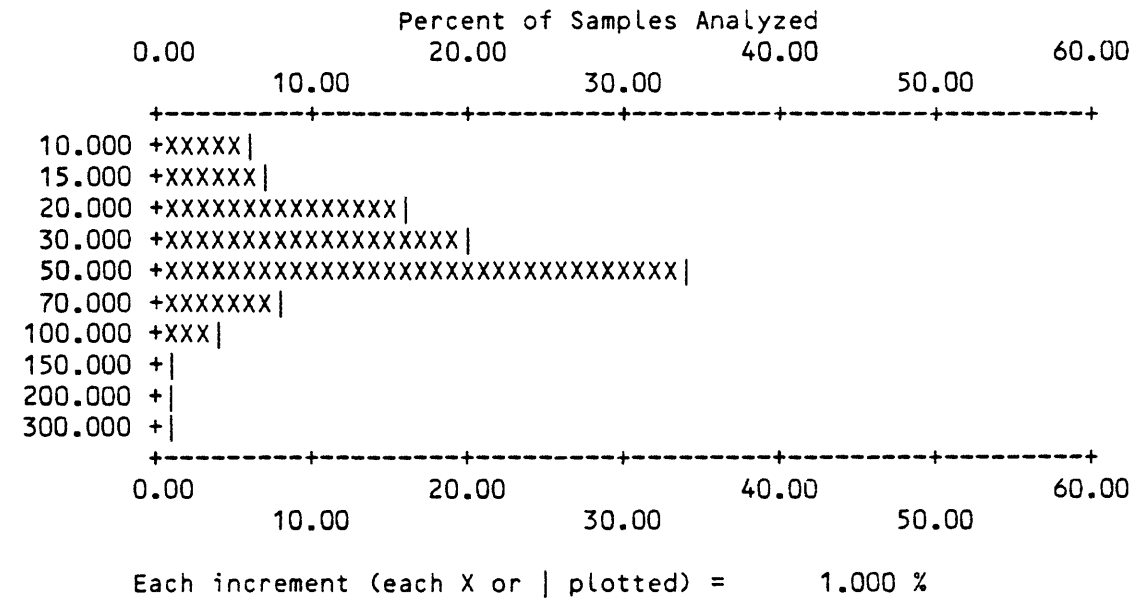
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-CR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	23	5.96	23	6.0	94.0	33	8.5	91.5
2	15.000	27	6.99	50	13.0	87.0	60	15.5	84.5
3	20.000	62	16.06	112	29.0	71.0	122	31.6	68.4
4	30.000	77	19.95	189	49.0	51.0	199	51.6	48.4
5	50.000	130	33.68	319	82.6	17.4	329	85.2	14.8
6	70.000	31	8.03	350	90.7	9.3	360	93.3	6.7
7	100.000	17	4.40	367	95.1	4.9	377	97.7	2.3
8	150.000	4	1.04	371	96.1	3.9	381	98.7	1.3
9	200.000	3	0.78	374	96.9	3.1	384	99.5	0.5
10	300.000	2	0.52	376	97.4	2.6	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	10	0	0	376	386	386	VALUES
0.0	0.0	0.0	0.0	2.6	0.0	0.0	97.4			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	300.00	43.497	33.78	35.261	1.90	376



Each increment (each X or | plotted) = 1.000 %

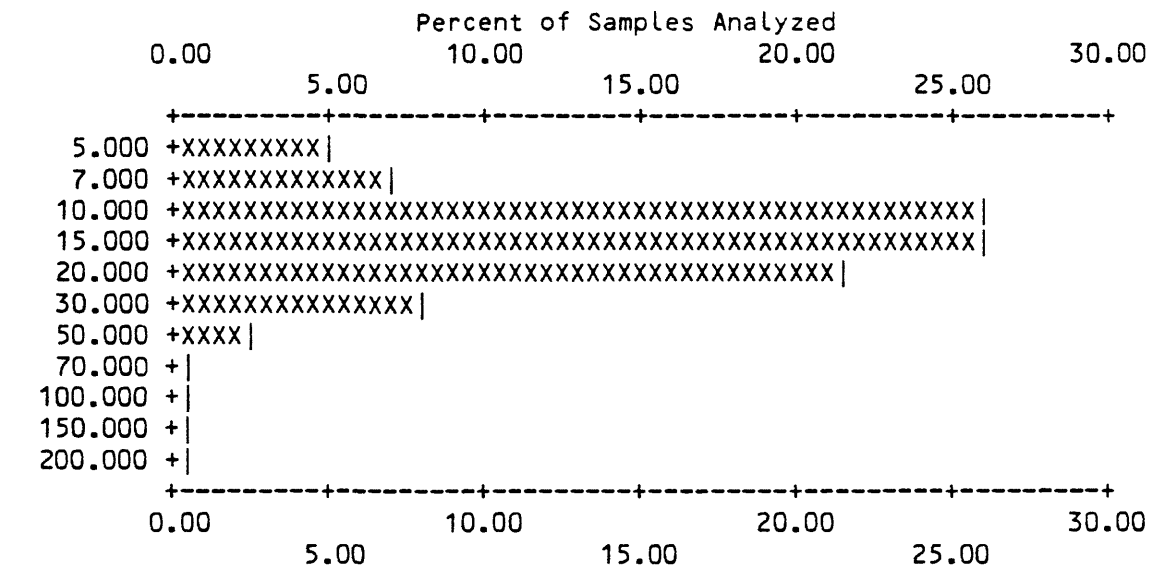
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-CU

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	19	4.92	19	4.9	95.1	29	7.5	92.5
2	7.000	27	6.99	46	11.9	88.1	56	14.5	85.5
3	10.000	101	26.17	147	38.1	61.9	157	40.7	59.3
4	15.000	100	25.91	247	64.0	36.0	257	66.6	33.4
5	20.000	83	21.50	330	85.5	14.5	340	88.1	11.9
6	30.000	31	8.03	361	93.5	6.5	371	96.1	3.9
7	50.000	10	2.59	371	96.1	3.9	381	98.7	1.3
8	70.000	2	0.52	373	96.6	3.4	383	99.2	0.8
9	100.000	1	0.26	374	96.9	3.1	384	99.5	0.5
10	150.000	1	0.26	375	97.2	2.8	385	99.7	0.3
11	200.000	1	0.26	376	97.4	2.6	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	10	0	0	376	386	386	VALUES
0.0	0.0	0.0	0.0	2.6	0.0	0.0	97.4			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	200.00	17.218	15.61	14.408	1.72	376



Each increment (each X or | plotted) = 0.500 %

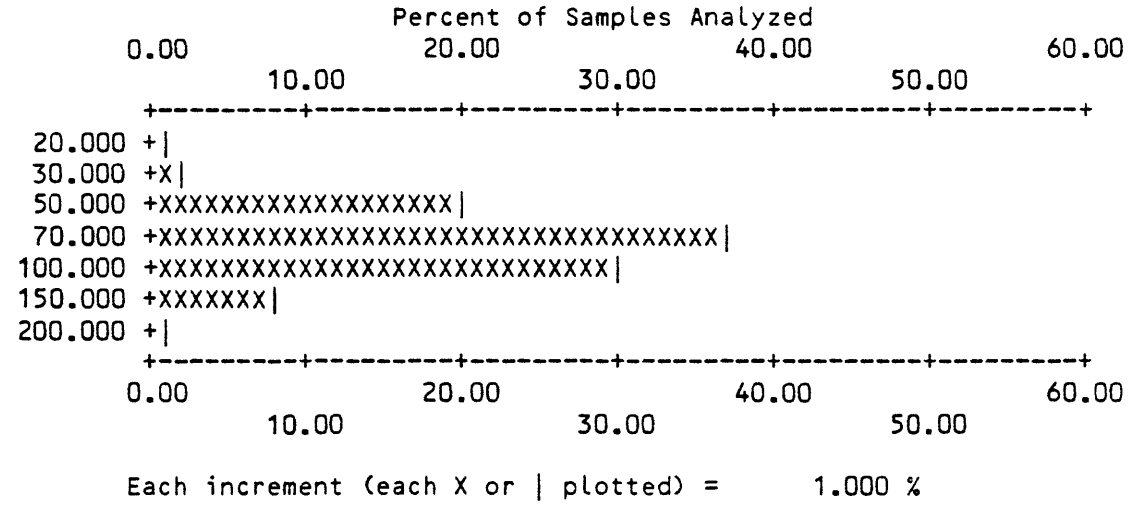
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-LA

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	4	1.04	4	1.0	99.0	9	2.3	97.7
2	30.000	8	2.07	12	3.1	96.9	17	4.4	95.6
3	50.000	76	19.69	88	22.8	77.2	93	24.1	75.9
4	70.000	141	36.53	229	59.3	40.7	234	60.6	39.4
5	100.000	117	30.31	346	89.6	10.4	351	90.9	9.1
6	150.000	32	8.29	378	97.9	2.1	383	99.2	0.8
7	200.000	3	0.78	381	98.7	1.3	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	2	3	0	0	381	386	386	VALUES
0.0	0.0	0.0	0.5	0.8	0.0	0.0	98.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	200.00	81.601	30.90	76.115	1.46	381



Each increment (each X or | plotted) = 1.000 %

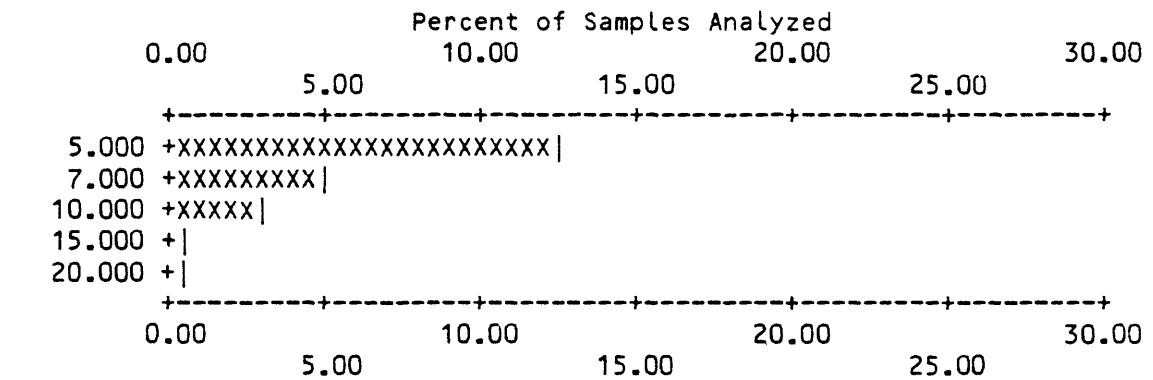
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-MO

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	49	12.69	49	12.7	87.3	351	90.9	9.1
2	7.000	20	5.18	69	17.9	82.1	371	96.1	3.9
3	10.000	12	3.11	81	21.0	79.0	383	99.2	0.8
4	15.000	1	0.26	82	21.2	78.8	384	99.5	0.5
5	20.000	2	0.52	84	21.8	78.2	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	264	38	0	0	84	386	386	VALUES
0.0	0.0	0.0	68.4	9.8	0.0	0.0	21.8			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	20.00	6.667	2.90	6.263	1.39	84



Each increment (each X or | plotted) = 0.500 %

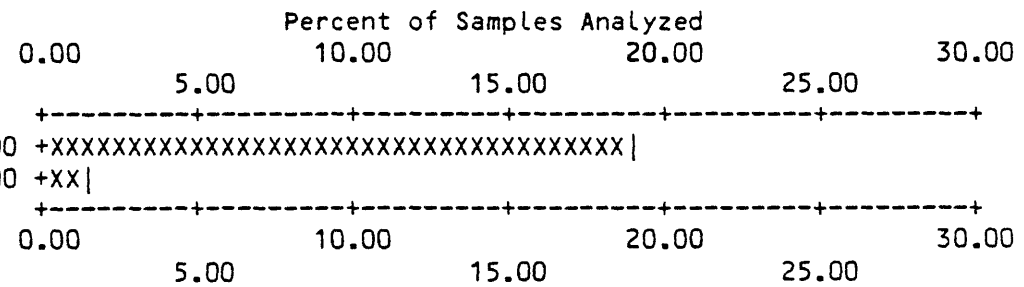
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-NB

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	73	18.91	73	18.9	81.1	380	98.4	1.6
2	30.000	6	1.55	79	20.5	79.5	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	57	250	0	0	79	386	386	VALUES
0.0	0.0	0.0	14.8	64.8	0.0	0.0	20.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	30.00	20.759	2.67	20.625	1.11	79



Each increment (each X or | plotted) = 0.500 %

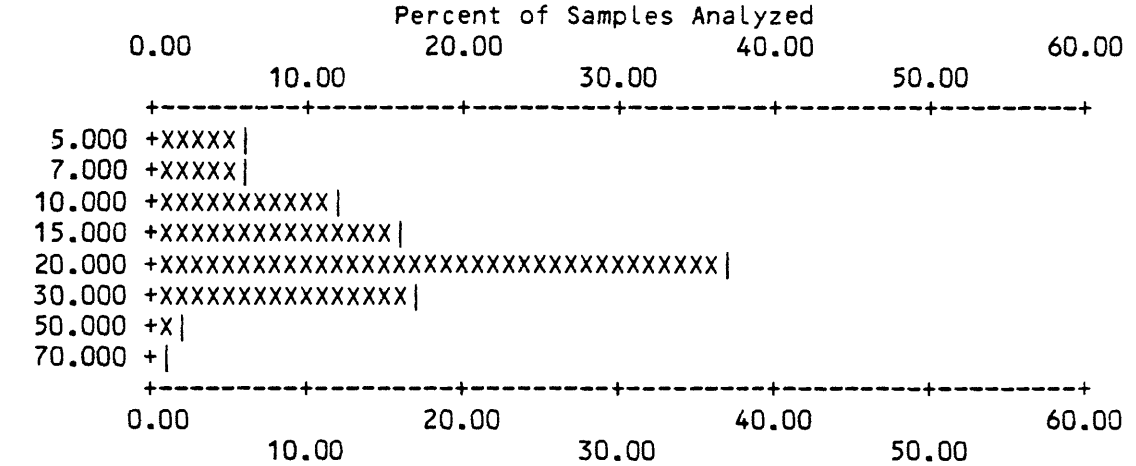
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-NI

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	24	6.22	24	6.2	93.8	34	8.8	91.2
2	7.000	23	5.96	47	12.2	87.8	57	14.8	85.2
3	10.000	46	11.92	93	24.1	75.9	103	26.7	73.3
4	15.000	63	16.32	156	40.4	59.6	166	43.0	57.0
5	20.000	144	37.31	300	77.7	22.3	310	80.3	19.7
6	30.000	65	16.84	365	94.6	5.4	375	97.2	2.8
7	50.000	9	2.33	374	96.9	3.1	384	99.5	0.5
8	70.000	2	0.52	376	97.4	2.6	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	2	8	0	0	376	386	386	VALUES
0.0	0.0	0.0	0.5	2.1	0.0	0.0	97.4			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	70.00	18.899	9.61	16.589	1.71	376



Each increment (each X or | plotted) = 1.000 %

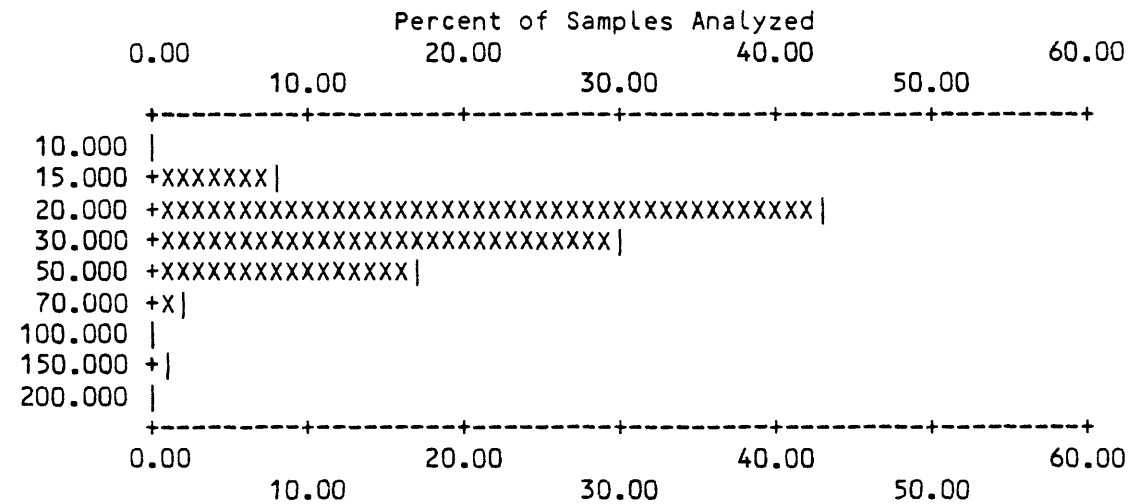
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-PB

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	1	0.26	1	0.3	99.7	1	0.3	99.7
2	15.000	29	7.51	30	7.8	92.2	30	7.8	92.2
3	20.000	166	43.01	196	50.8	49.2	196	50.8	49.2
4	30.000	114	29.53	310	80.3	19.7	310	80.3	19.7
5	50.000	64	16.58	374	96.9	3.1	374	96.9	3.1
6	70.000	7	1.81	381	98.7	1.3	381	98.7	1.3
7	100.000	1	0.26	382	99.0	1.0	382	99.0	1.0
8	150.000	3	0.78	385	99.7	0.3	385	99.7	0.3
9	200.000	1	0.26	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	200.00	30.117	18.89	26.910	1.54	386



Each increment (each X or | plotted) = 1.000 %

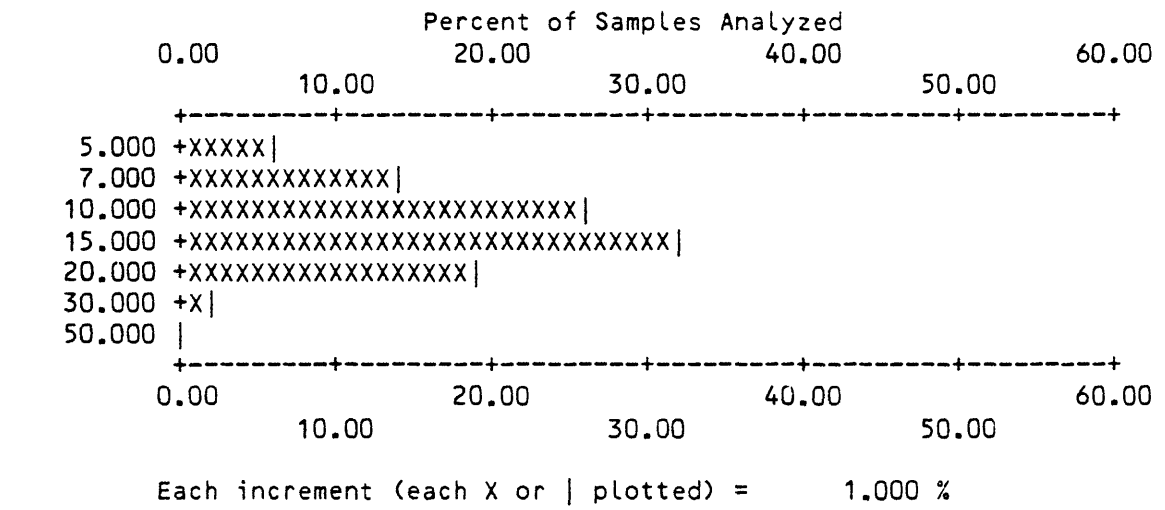
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-SC

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	5.000	24	6.22	24	6.2	93.8	26	6.7	93.3
2	7.000	55	14.25	79	20.5	79.5	81	21.0	79.0
3	10.000	99	25.65	178	46.1	53.9	180	46.6	53.4
4	15.000	123	31.87	301	78.0	22.0	303	78.5	21.5
5	20.000	73	18.91	374	96.9	3.1	376	97.4	2.6
6	30.000	9	2.33	383	99.2	0.8	385	99.7	0.3
7	50.000	1	0.26	384	99.5	0.5	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	2	0	0	384	386	386	VALUES
0.0	0.0	0.0	0.0	0.5	0.0	0.0	99.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
5.000	50.00	13.333	5.69	12.180	1.54	384



Each increment (each X or | plotted) = 1.000 %

Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-SR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	100.000	5	1.30	5	1.3	98.7	5	1.3	98.7
2	150.000	28	7.25	33	8.5	91.5	33	8.5	91.5
3	200.000	101	26.17	134	34.7	65.3	134	34.7	65.3
4	300.000	82	21.24	216	56.0	44.0	216	56.0	44.0
5	500.000	152	39.38	368	95.3	4.7	368	95.3	4.7
6	700.000	16	4.15	384	99.5	0.5	384	99.5	0.5
7	1000.000	2	0.52	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
100.000	1000.00	359.326	161.98	322.367	1.61	386

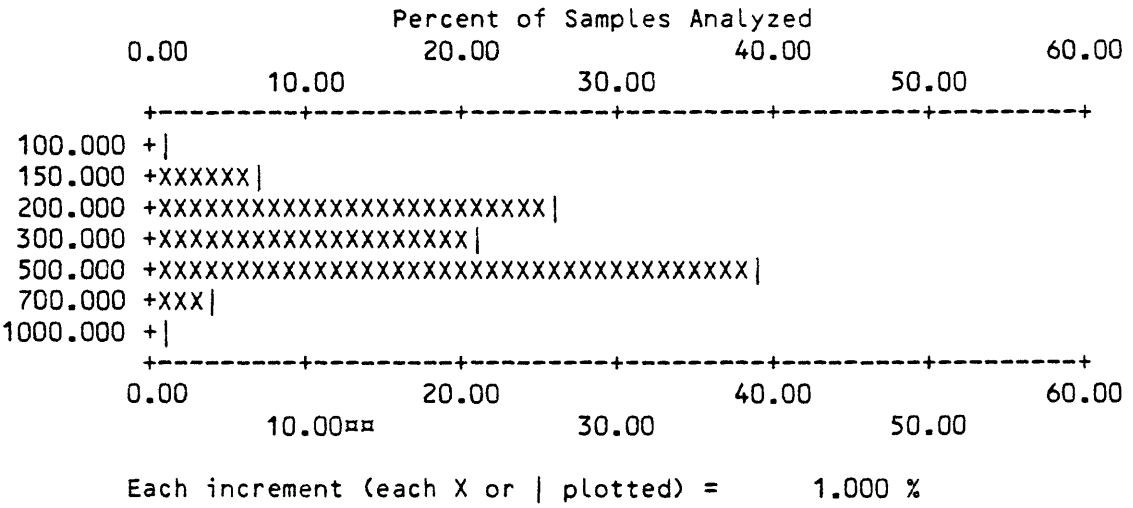


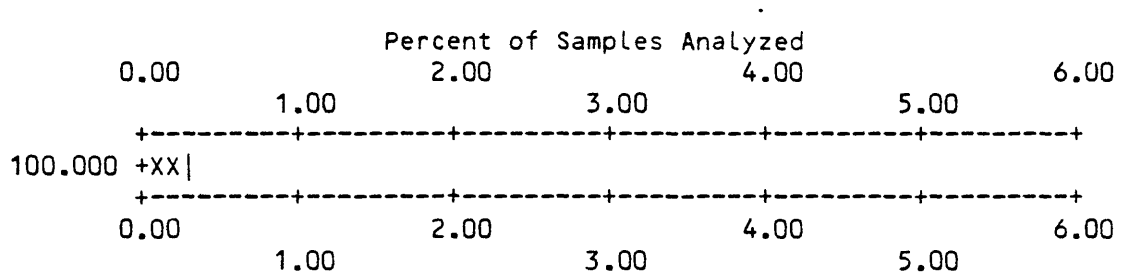
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-TH

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	100.000	1	0.26	1	0.3	99.7	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	374	11	0	0	1	386	386	VALUES
0.0	0.0	0.0	96.9	2.8	0.0	0.0	0.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
100.000	100.00	100.000	0.00	100.000	********	1



Each increment (each X or | plotted) = 0.100 %

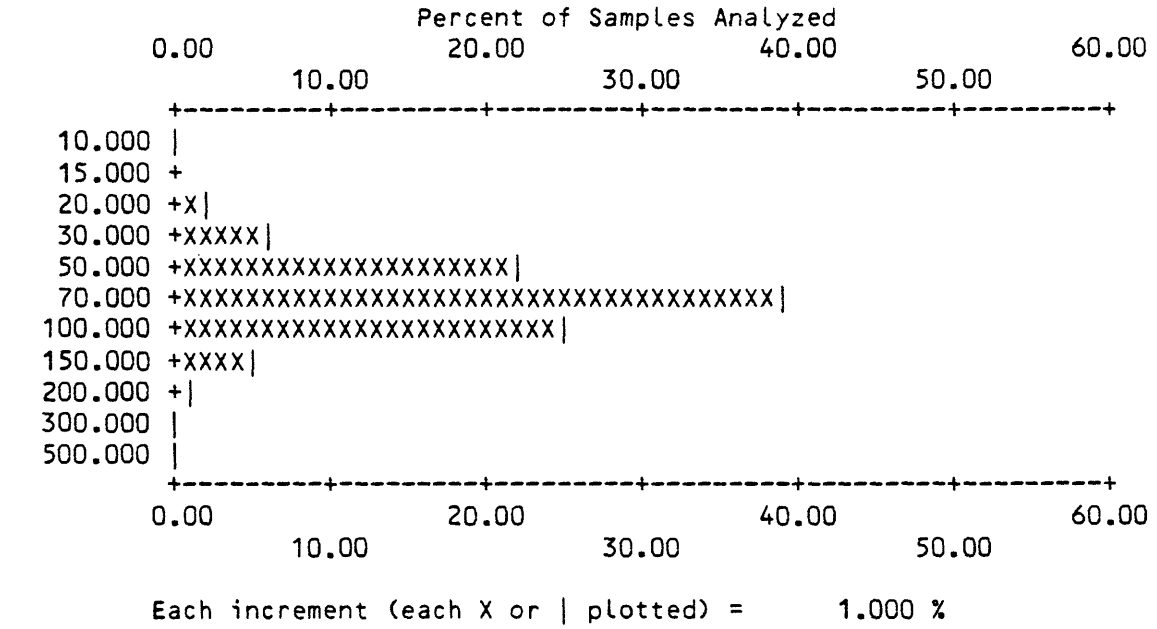
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-V

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	1	0.26	1	0.3	99.7	1	0.3	99.7
2	20.000	8	2.07	9	2.3	97.7	9	2.3	97.7
3	30.000	22	5.70	31	8.0	92.0	31	8.0	92.0
4	50.000	85	22.02	116	30.1	69.9	116	30.1	69.9
5	70.000	149	38.60	265	68.7	31.3	265	68.7	31.3
6	100.000	95	24.61	360	93.3	6.7	360	93.3	6.7
7	150.000	20	5.18	380	98.4	1.6	380	98.4	1.6
8	200.000	4	1.04	384	99.5	0.5	384	99.5	0.5
9	300.000	1	0.26	385	99.7	0.3	385	99.7	0.3
10	500.000	1	0.26	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	500.00	76.710	39.29	69.555	1.56	386



Each increment (each X or | plotted) = 1.000 %

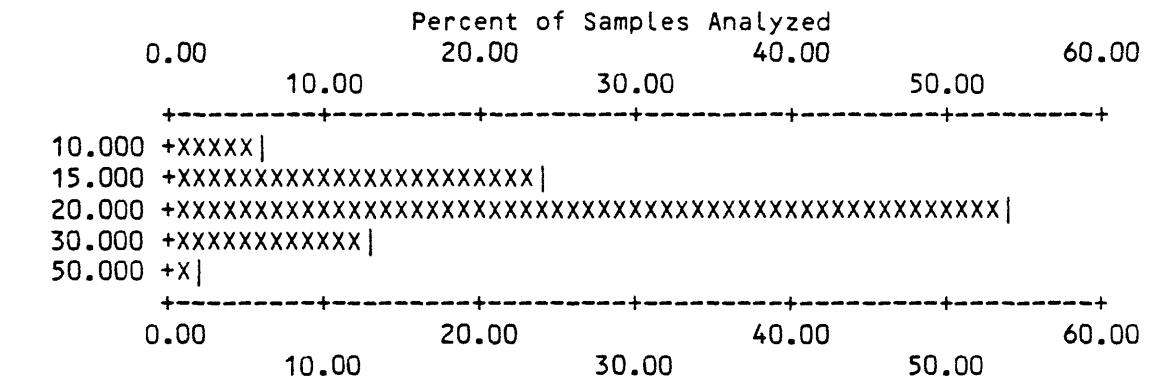
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-Y

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	22	5.70	22	5.7	94.3	24	6.2	93.8
2	15.000	94	24.35	116	30.1	69.9	118	30.6	69.4
3	20.000	209	54.15	325	84.2	15.8	327	84.7	15.3
4	30.000	52	13.47	377	97.7	2.3	379	98.2	1.8
5	50.000	7	1.81	384	99.5	0.5	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	2	0	0	384	386	386	VALUES
0.0	0.0	0.0	0.0	0.5	0.0	0.0	99.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	50.00	20.104	6.47	19.244	1.34	384



Each increment (each X or | plotted) = 1.000 %

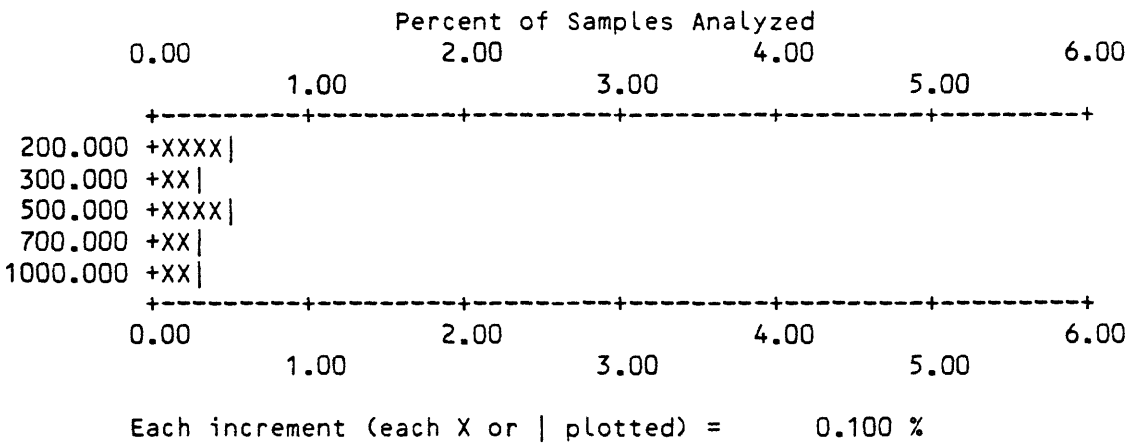
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-ZN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	200.000	2	0.52	2	0.5	99.5	381	98.7	1.3
2	300.000	1	0.26	3	0.8	99.2	382	99.0	1.0
3	500.000	2	0.52	5	1.3	98.7	384	99.5	0.5
4	700.000	1	0.26	6	1.6	98.4	385	99.7	0.3
5	1000.000	1	0.26	7	1.8	98.2	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	377	2	0	0	7	386	386	VALUES
0.0	0.0	0.0	97.7	0.5	0.0	0.0	1.8			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
200.000	1000.00	485.714	291.14	414.438	1.85	7



Each increment (each X or | plotted) = 0.100 %

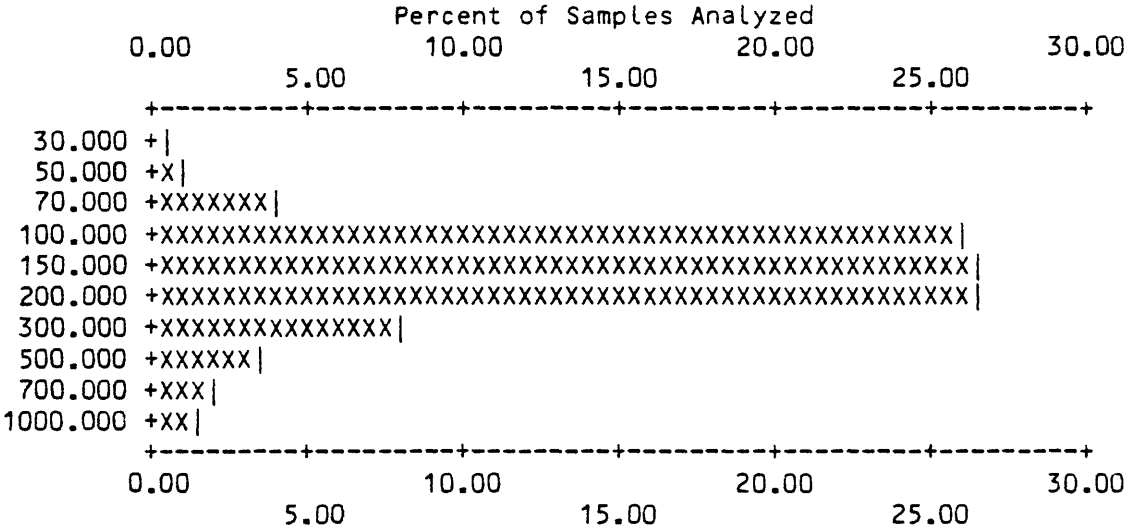
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

S-ZR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	30.000	2	0.52	2	0.5	99.5	2	0.5	99.5
2	50.000	4	1.04	6	1.6	98.4	6	1.6	98.4
3	70.000	16	4.15	22	5.7	94.3	22	5.7	94.3
4	100.000	100	25.91	122	31.6	68.4	122	31.6	68.4
5	150.000	102	26.42	224	58.0	42.0	224	58.0	42.0
6	200.000	103	26.68	327	84.7	15.3	327	84.7	15.3
7	300.000	30	7.77	357	92.5	7.5	357	92.5	7.5
8	500.000	14	3.63	371	96.1	3.9	371	96.1	3.9
9	700.000	8	2.07	379	98.2	1.8	379	98.2	1.8
10	1000.000	6	1.55	385	99.7	0.3	385	99.7	0.3

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	1	0	385	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.3	0.0	99.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
30.000	1000.00	194.494	153.62	162.423	1.74	385



Each increment (each X or | plotted) = 0.500 %

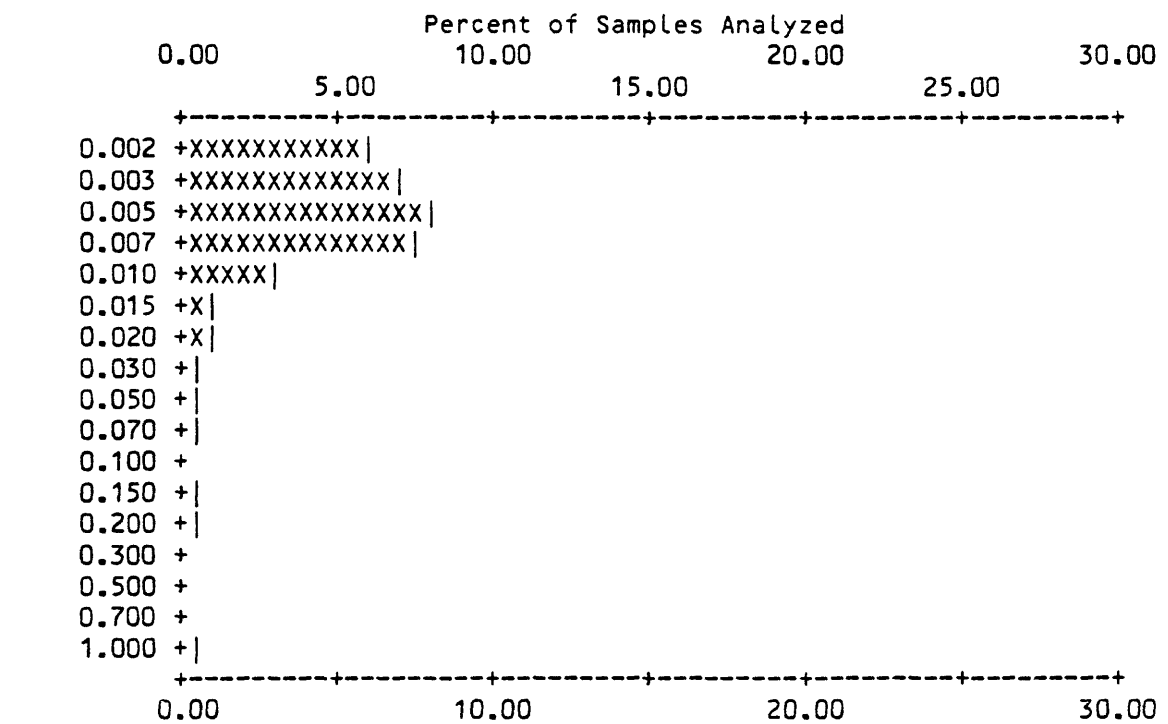
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

AA-AU

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.002	23	5.97	23	6.0	94.0	274	71.2	28.8
2	0.003	27	7.01	50	13.0	87.0	301	78.2	21.8
3	0.005	30	7.79	80	20.8	79.2	331	86.0	14.0
4	0.007	29	7.53	109	28.3	71.7	360	93.5	6.5
5	0.010	11	2.86	120	31.2	68.8	371	96.4	3.6
6	0.015	3	0.78	123	31.9	68.1	374	97.1	2.9
7	0.020	3	0.78	126	32.7	67.3	377	97.9	2.1
8	0.030	1	0.26	127	33.0	67.0	378	98.2	1.8
9	0.050	2	0.52	129	33.5	66.5	380	98.7	1.3
10	0.070	1	0.26	130	33.8	66.2	381	99.0	1.0
11	0.150	1	0.26	131	34.0	66.0	382	99.2	0.8
12	0.200	2	0.52	133	34.5	65.5	384	99.7	0.3
13	1.000	1	0.26	134	34.8	65.2	385	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
1	0	0	208	43	0	0	134	385	386	VALUES
0.3	0.0	0.0	54.0	11.2	0.0	0.0	34.8			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.002	1.00	0.018	0.09	0.006	2.69	134



Each increment (each X or | plotted) = 0.500 %

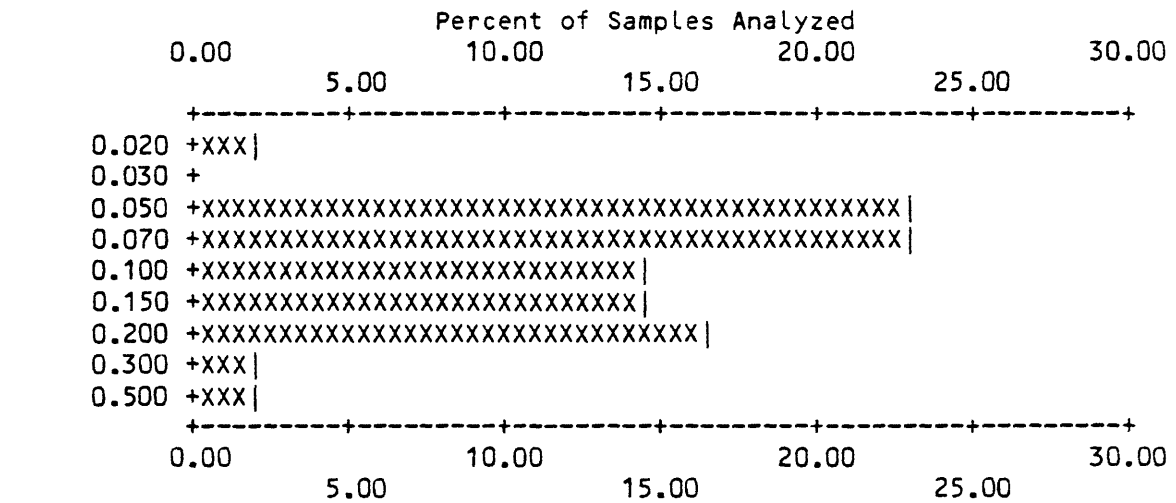
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

AA-HG

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.020	1	2.08	1	2.1	97.9	2	4.2	95.8
2	0.050	11	22.92	12	25.0	75.0	13	27.1	72.9
3	0.070	11	22.92	23	47.9	52.1	24	50.0	50.0
4	0.100	7	14.58	30	62.5	37.5	31	64.6	35.4
5	0.150	7	14.58	37	77.1	22.9	38	79.2	20.8
6	0.200	8	16.67	45	93.8	6.2	46	95.8	4.2
7	0.300	1	2.08	46	95.8	4.2	47	97.9	2.1
8	0.500	1	2.08	47	97.9	2.1	48	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
338	0	0	0	1	0	0	47	48	386	VALUES
87.6	0.0	0.0	0.0	2.1	0.0	0.0	97.9			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.020	0.50	0.117	0.08	0.096	1.87	47



Each increment (each X or | plotted) = 0.500 %

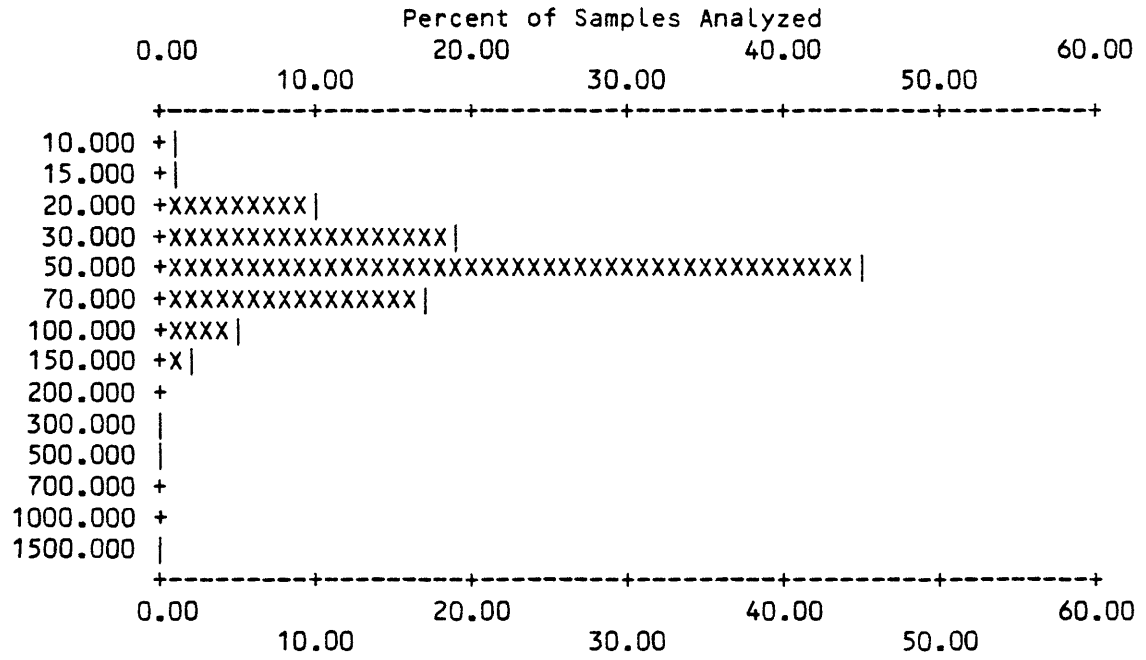
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

AA-ZN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	2	0.52	2	0.5	99.5	2	0.5	99.5
2	15.000	2	0.52	4	1.0	99.0	4	1.0	99.0
3	20.000	40	10.36	44	11.4	88.6	44	11.4	88.6
4	30.000	74	19.17	118	30.6	69.4	118	30.6	69.4
5	50.000	173	44.82	291	75.4	24.6	291	75.4	24.6
6	70.000	64	16.58	355	92.0	8.0	355	92.0	8.0
7	100.000	21	5.44	376	97.4	2.6	376	97.4	2.6
8	150.000	7	1.81	383	99.2	0.8	383	99.2	0.8
9	300.000	1	0.26	384	99.5	0.5	384	99.5	0.5
10	500.000	1	0.26	385	99.7	0.3	385	99.7	0.3
11	1500.000	1	0.26	386	100.0	0.0	386	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	386	386	386	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	1500.00	56.088	81.74	46.405	1.68	386



Each increment (each X or | plotted) = 1.000 %

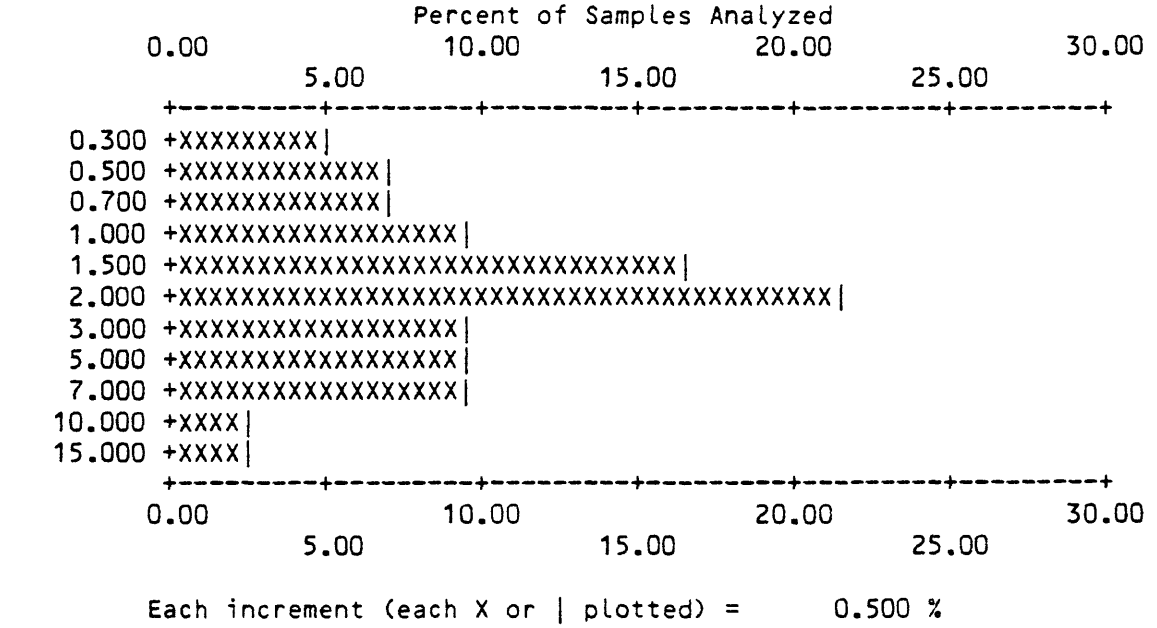
Table 8. Frequency tables and histograms for stream-sediment samples - (continued)

U-INST

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.300	2	4.76	2	4.8	95.2	2	4.8	95.2
2	0.500	3	7.14	5	11.9	88.1	5	11.9	88.1
3	0.700	3	7.14	8	19.0	81.0	8	19.0	81.0
4	1.000	4	9.52	12	28.6	71.4	12	28.6	71.4
5	1.500	7	16.67	19	45.2	54.8	19	45.2	54.8
6	2.000	9	21.43	28	66.7	33.3	28	66.7	33.3
7	3.000	4	9.52	32	76.2	23.8	32	76.2	23.8
8	5.000	4	9.52	36	85.7	14.3	36	85.7	14.3
9	7.000	4	9.52	40	95.2	4.8	40	95.2	4.8
10	10.000	1	2.38	41	97.6	2.4	41	97.6	2.4
11	15.000	1	2.38	42	100.0	0.0	42	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
344	0	0	0	0	0	0	42	42	386	VALUES
89.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.300	15.00	2.898	2.97	1.909	2.54	42



Each increment (each X or | plotted) = 0.500 %

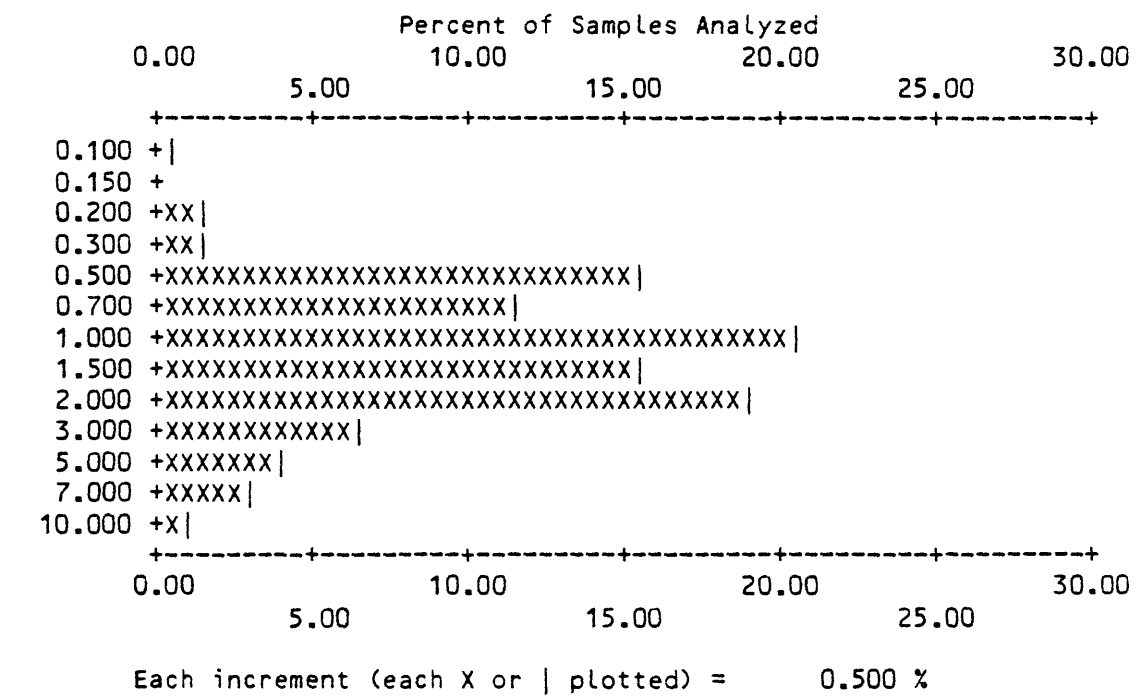
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples

S-FE%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.100	1	0.28	1	0.3	99.7	1	0.3	99.7
2	0.200	5	1.38	6	1.7	98.3	6	1.7	98.3
3	0.300	6	1.65	12	3.3	96.7	12	3.3	96.7
4	0.500	57	15.70	69	19.0	81.0	69	19.0	81.0
5	0.700	42	11.57	111	30.6	69.4	111	30.6	69.4
6	1.000	75	20.66	186	51.2	48.8	186	51.2	48.8
7	1.500	57	15.70	243	66.9	33.1	243	66.9	33.1
8	2.000	69	19.01	312	86.0	14.0	312	86.0	14.0
9	3.000	23	6.34	335	92.3	7.7	335	92.3	7.7
10	5.000	14	3.86	349	96.1	3.9	349	96.1	3.9
11	7.000	10	2.75	359	98.9	1.1	359	98.9	1.1
12	10.000	4	1.10	363	100.0	0.0	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	363	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.100	10.00	1.676	1.61	1.231	2.14	363



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-MG%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.050	4	1.10	4	1.1	98.9	4	1.1	98.9
2	0.070	1	0.28	5	1.4	98.6	5	1.4	98.6
3	0.100	26	7.16	31	8.5	91.5	31	8.5	91.5
4	0.150	18	4.96	49	13.5	86.5	49	13.5	86.5
5	0.200	36	9.92	85	23.4	76.6	85	23.4	76.6
6	0.300	21	5.79	106	29.2	70.8	106	29.2	70.8
7	0.500	36	9.92	142	39.1	60.9	142	39.1	60.9
8	0.700	31	8.54	173	47.7	52.3	173	47.7	52.3
9	1.000	51	14.05	224	61.7	38.3	224	61.7	38.3
10	1.500	27	7.44	251	69.1	30.9	251	69.1	30.9
11	2.000	32	8.82	283	78.0	22.0	283	78.0	22.0
12	3.000	21	5.79	304	83.7	16.3	304	83.7	16.3
13	5.000	27	7.44	331	91.2	8.8	331	91.2	8.8
14	7.000	21	5.79	352	97.0	3.0	352	97.0	3.0
15	10.000	11	3.03	363	100.0	0.0	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	363	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.050	10.00	1.844	2.37	0.843	3.75	363

Percent of Samples Analyzed

```
          0.00                  10.00                  20.00                  30.00
                    5.00                  15.00                  25.00
           +---------+---------+---------+---------+---------+---------+
  0.050 +X|
  0.070 +|
  0.100 +XXXXXXXXXXXXX|
  0.150 +XXXXXXXXX|
  0.200 +XXXXXXXXXXXXXXXXXX|
  0.300 +XXXXXXXXXXX|
  0.500 +XXXXXXXXXXXXXXXXXX|
  0.700 +XXXXXXXXXXXXXXX|
  1.000 +XXXXXXXXXXXXXXXXXXXXXXXXXX|
  1.500 +XXXXXXXXXXXXXX|
  2.000 +XXXXXXXXXXXXXXXX|
  3.000 +XXXXXXXXXXX|
  5.000 +XXXXXXXXXXXXXX|
  7.000 +XXXXXXXXXXX|
 10.000 +XXXXX|
           +---------+---------+---------+---------+---------+---------+
          0.00                  10.00                  20.00                  30.00
                    5.00                  15.00                  25.00
```

Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-CA%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.150	1	0.28	1	0.3	99.7	1	0.3	99.7
2	0.200	1	0.28	2	0.6	99.4	2	0.6	99.4
3	0.300	1	0.28	3	0.8	99.2	3	0.8	99.2
4	0.500	1	0.28	4	1.1	98.9	4	1.1	98.9
5	0.700	1	0.28	5	1.4	98.6	5	1.4	98.6
6	1.000	3	0.83	8	2.2	97.8	8	2.2	97.8
7	1.500	4	1.10	12	3.3	96.7	12	3.3	96.7
8	2.000	13	3.58	25	6.9	93.1	25	6.9	93.1
9	3.000	21	5.79	46	12.7	87.3	46	12.7	87.3
10	5.000	48	13.22	94	25.9	74.1	94	25.9	74.1
11	7.000	57	15.70	151	41.6	58.4	151	41.6	58.4
12	10.000	93	25.62	244	67.2	32.8	244	67.2	32.8
13	15.000	78	21.49	322	88.7	11.3	322	88.7	11.3
14	20.000	40	11.02	362	99.7	0.3	362	99.7	0.3
15	30.000	1	0.28	363	100.0	0.0	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	363	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.150	30.00	10.107	5.49	8.221	2.12	363

Percent of Samples Analyzed

```
          0.00                10.00                20.00                30.00
                5.00                15.00                25.00
           +---------+---------+---------+---------+---------+---------+
  0.150 +|
  0.200 +|
  0.300 +|
  0.500 +|
  0.700 +|
  1.000 +X|
  1.500 +X|
  2.000 +XXXXXX|
  3.000 +XXXXXXXXXXX|
  5.000 +XXXXXXXXXXXXXXXXXXXXXXXXX|
  7.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 10.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 15.000 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX|
 20.000 +XXXXXXXXXXXXXXXXXXX|
 30.000 +|
           +---------+---------+---------+---------+---------+---------+
          0.00                10.00                20.00                30.00
                    5.00                15.00                25.00
```

Each increment (each X or | plotted) = 0.500 %

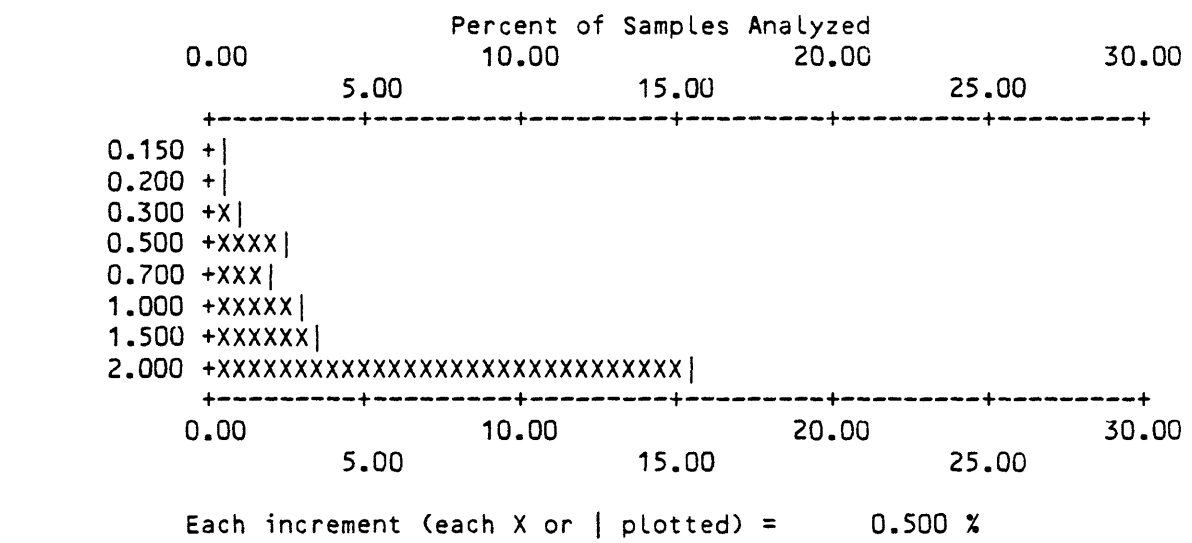
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-TI%

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	0.150	2	0.55	2	0.6	99.4	2	0.6	99.4
2	0.200	1	0.28	3	0.8	99.2	3	0.8	99.2
3	0.300	3	0.83	6	1.7	98.3	6	1.7	98.3
4	0.500	9	2.48	15	4.1	95.9	15	4.1	95.9
5	0.700	8	2.20	23	6.3	93.7	23	6.3	93.7
6	1.000	11	3.03	34	9.4	90.6	34	9.4	90.6
7	1.500	13	3.58	47	12.9	87.1	47	12.9	87.1
8	2.000	56	15.43	103	28.4	71.6	103	28.4	71.6

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	260	0	103	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	71.6	0.0	28.4			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
0.150	2.00	1.495	0.63	1.287	1.90	103



Each increment (each X or | plotted) = 0.500 %

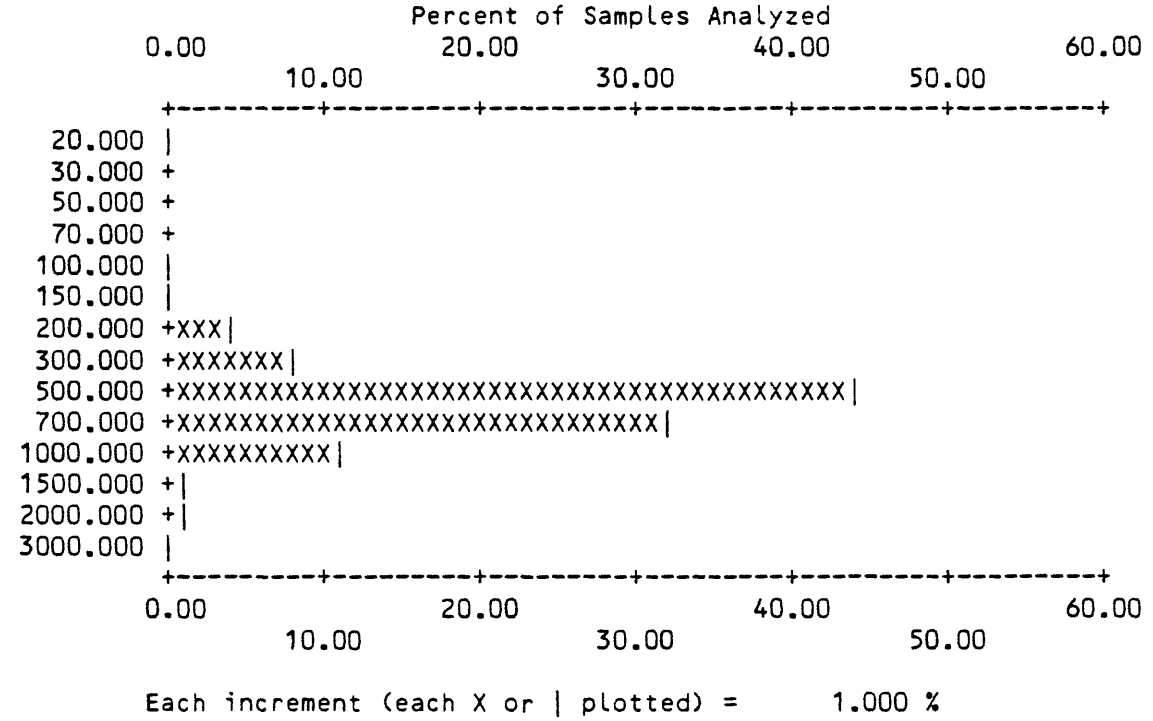
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-MN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	1	0.28	1	0.3	99.7	1	0.3	99.7
2	100.000	1	0.28	2	0.6	99.4	2	0.6	99.4
3	150.000	1	0.28	3	0.8	99.2	3	0.8	99.2
4	200.000	13	3.58	16	4.4	95.6	16	4.4	95.6
5	300.000	29	7.99	45	12.4	87.6	45	12.4	87.6
6	500.000	158	43.53	203	55.9	44.1	203	55.9	44.1
7	700.000	115	31.68	318	87.6	12.4	318	87.6	12.4
8	1000.000	39	10.74	357	98.3	1.7	357	98.3	1.7
9	1500.000	3	0.83	360	99.2	0.8	360	99.2	0.8
10	2000.000	2	0.55	362	99.7	0.3	362	99.7	0.3
11	3000.000	1	0.28	363	100.0	0.0	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	363	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	3000.00	610.386	270.66	559.523	1.56	363



Each increment (each X or | plotted) = 1.000 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-AG

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	1.000	4	1.10	4	1.1	98.9	319	87.9	12.1
2	1.500	1	0.28	5	1.4	98.6	320	88.2	11.8
3	2.000	3	0.83	8	2.2	97.8	323	89.0	11.0
4	3.000	6	1.65	14	3.9	96.1	329	90.6	9.4
5	5.000	8	2.20	22	6.1	93.9	337	92.8	7.2
6	7.000	2	0.55	24	6.6	93.4	339	93.4	6.6
7	10.000	9	2.48	33	9.1	90.9	348	95.9	4.1
8	15.000	5	1.38	38	10.5	89.5	353	97.2	2.8
9	20.000	5	1.38	43	11.8	88.2	358	98.6	1.4
10	70.000	1	0.28	44	12.1	87.9	359	98.9	1.1
11	100.000	1	0.28	45	12.4	87.6	360	99.2	0.8
12	150.000	1	0.28	46	12.7	87.3	361	99.4	0.6
13	500.000	2	0.55	48	13.2	86.8	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	313	2	0	0	48	363	363	VALUES
0.0	0.0	0.0	86.2	0.6	0.0	0.0	13.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
1.000	500.00	34.760	101.46	8.265	4.11	48

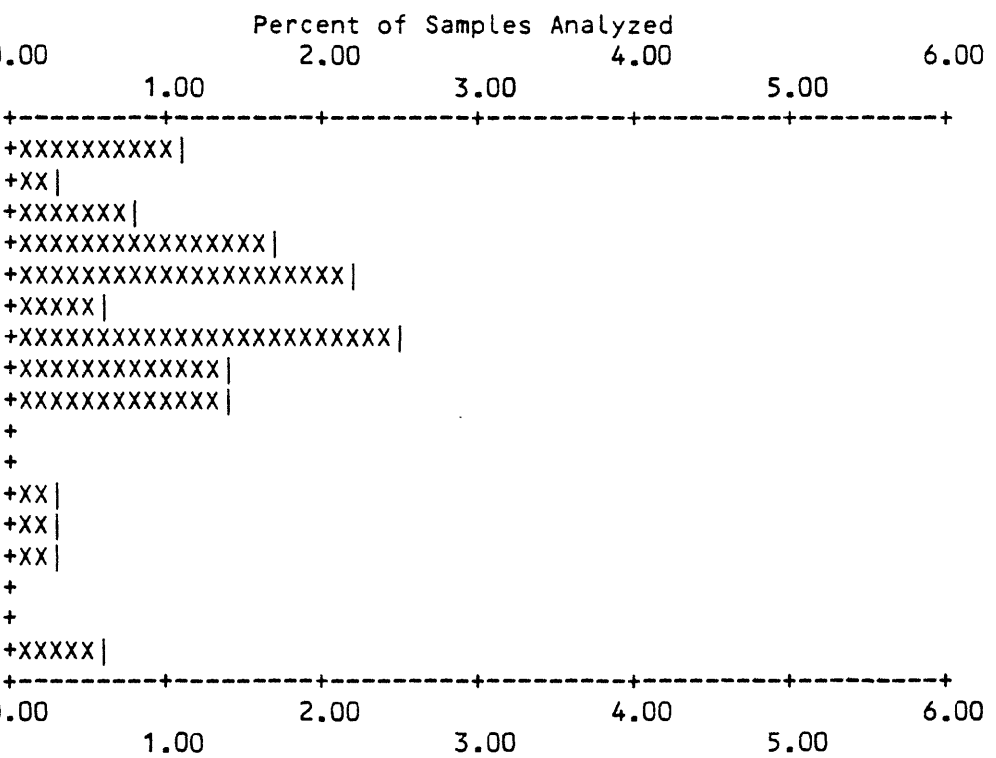


Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-AS

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	500.000	1	0.28	1	0.3	99.7	360	99.2	0.8
2	1000.000	2	0.55	3	0.8	99.2	362	99.7	0.3
3	2000.000	1	0.28	4	1.1	98.9	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	359	0	0	0	4	363	363	VALUES
0.0	0.0	0.0	98.9	0.0	0.0	0.0	1.1			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
500.000	2000.00	1125.000	629.15	1000.000	1.76	4

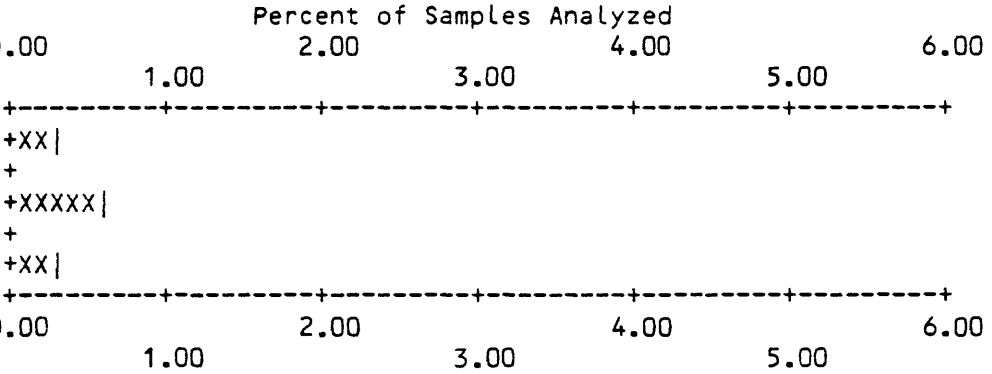


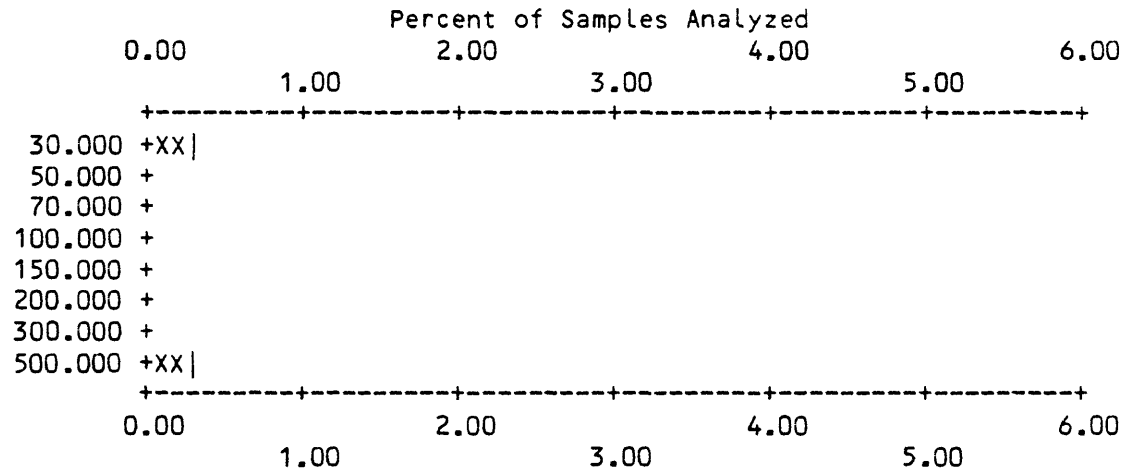
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-AU

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	30.000	1	0.28	1	0.3	99.7	361	99.4	0.6
2	500.000	1	0.28	2	0.6	99.4	362	99.7	0.3

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	359	1	1	0	2	363	363	VALUES
0.0	0.0	0.0	98.9	0.3	0.3	0.0	0.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
30.000	500.00	265.000	332.34	122.474	7.31	2



Each increment (each X or | plotted) = 0.100 %

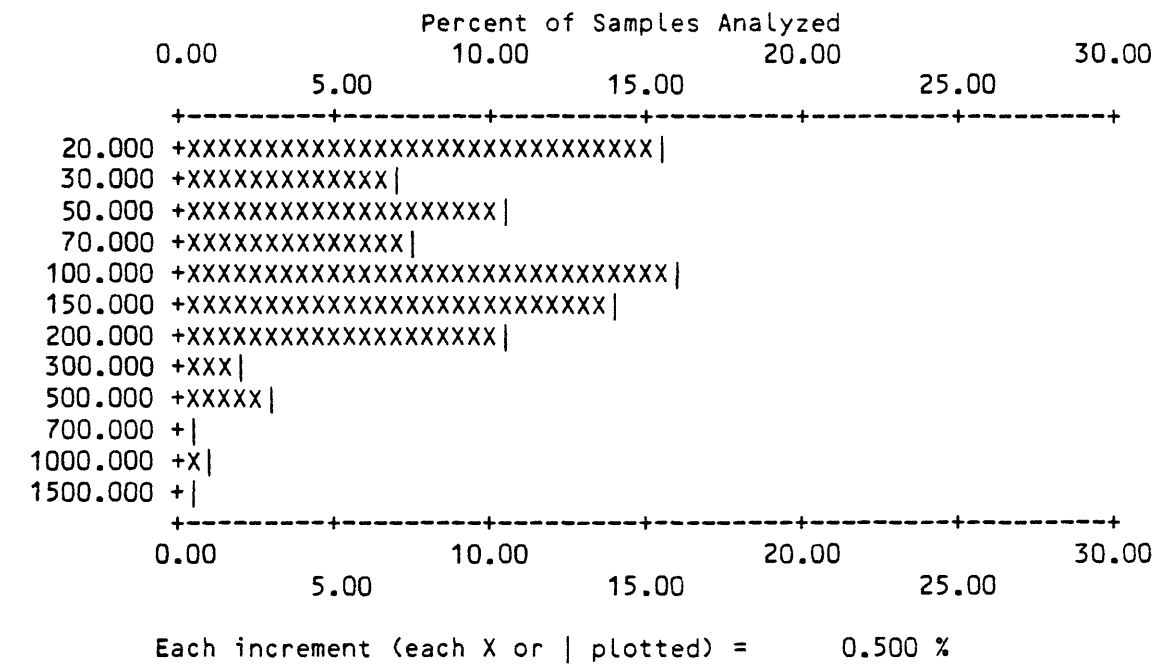
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-B

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	56	15.43	56	15.4	84.6	101	27.8	72.2
2	30.000	26	7.16	82	22.6	77.4	127	35.0	65.0
3	50.000	39	10.74	121	33.3	66.7	166	45.7	54.3
4	70.000	27	7.44	148	40.8	59.2	193	53.2	46.8
5	100.000	58	15.98	206	56.7	43.3	251	69.1	30.9
6	150.000	50	13.77	256	70.5	29.5	301	82.9	17.1
7	200.000	38	10.47	294	81.0	19.0	339	93.4	6.6
8	300.000	7	1.93	301	82.9	17.1	346	95.3	4.7
9	500.000	11	3.03	312	86.0	14.0	357	98.3	1.7
10	700.000	1	0.28	313	86.2	13.8	358	98.6	1.4
11	1000.000	4	1.10	317	87.3	12.7	362	99.7	0.3
12	1500.000	1	0.28	318	87.6	12.4	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	4	41	0	0	318	363	363	VALUES
0.0	0.0	0.0	1.1	11.3	0.0	0.0	87.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	1500.00	127.170	163.54	79.683	2.58	318



Each increment (each X or | plotted) = 0.500 %

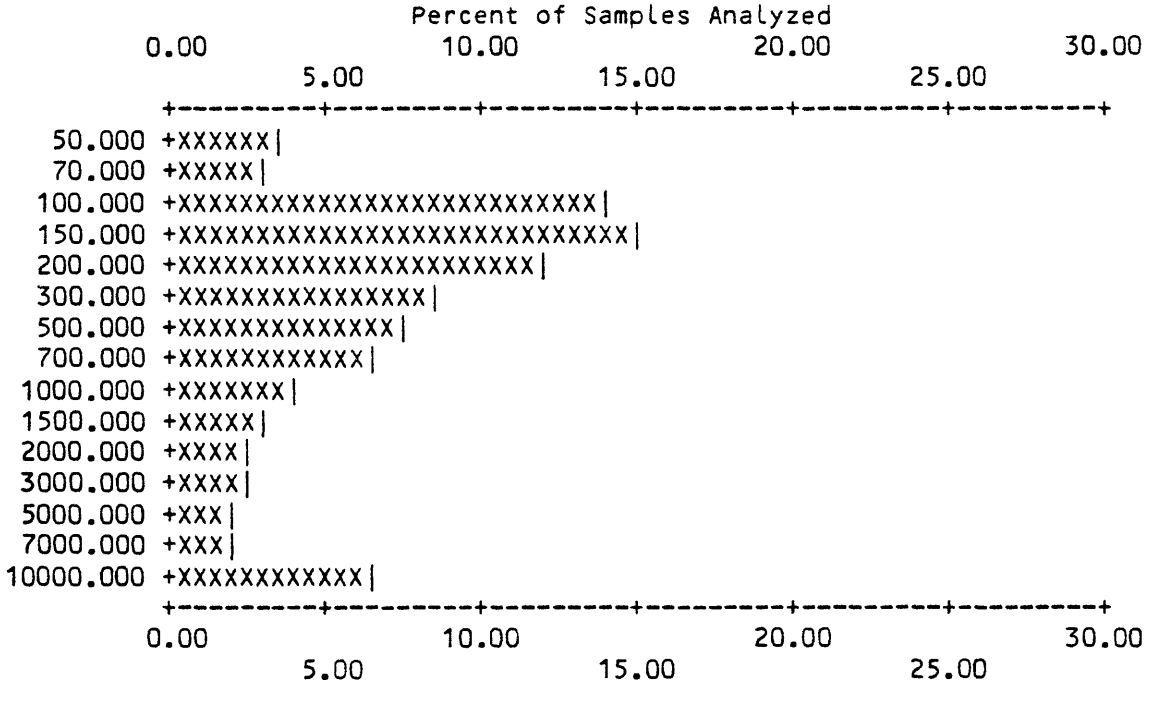
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-BA

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	50.000	13	3.58	13	3.6	96.4	14	3.9	96.1
2	70.000	11	3.03	24	6.6	93.4	25	6.9	93.1
3	100.000	51	14.05	75	20.7	79.3	76	20.9	79.1
4	150.000	55	15.15	130	35.8	64.2	131	36.1	63.9
5	200.000	44	12.12	174	47.9	52.1	175	48.2	51.8
6	300.000	31	8.54	205	56.5	43.5	206	56.7	43.3
7	500.000	28	7.71	233	64.2	35.8	234	64.5	35.5
8	700.000	23	6.34	256	70.5	29.5	257	70.8	29.2
9	1000.000	14	3.86	270	74.4	25.6	271	74.7	25.3
10	1500.000	10	2.75	280	77.1	22.9	281	77.4	22.6
11	2000.000	9	2.48	289	79.6	20.4	290	79.9	20.1
12	3000.000	9	2.48	298	82.1	17.9	299	82.4	17.6
13	5000.000	8	2.20	306	84.3	15.7	307	84.6	15.4
14	7000.000	7	1.93	313	86.2	13.8	314	86.5	13.5
15	10000.000	24	6.61	337	92.8	7.2	338	93.1	6.9

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	1	25	0	337	363	363	VALUES
0.0	0.0	0.0	0.0	0.3	6.9	0.0	92.8			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
50.000	10000.00	1382.700	2715.07	382.597	4.32	337



Each increment (each X or | plotted) = 0.500 %

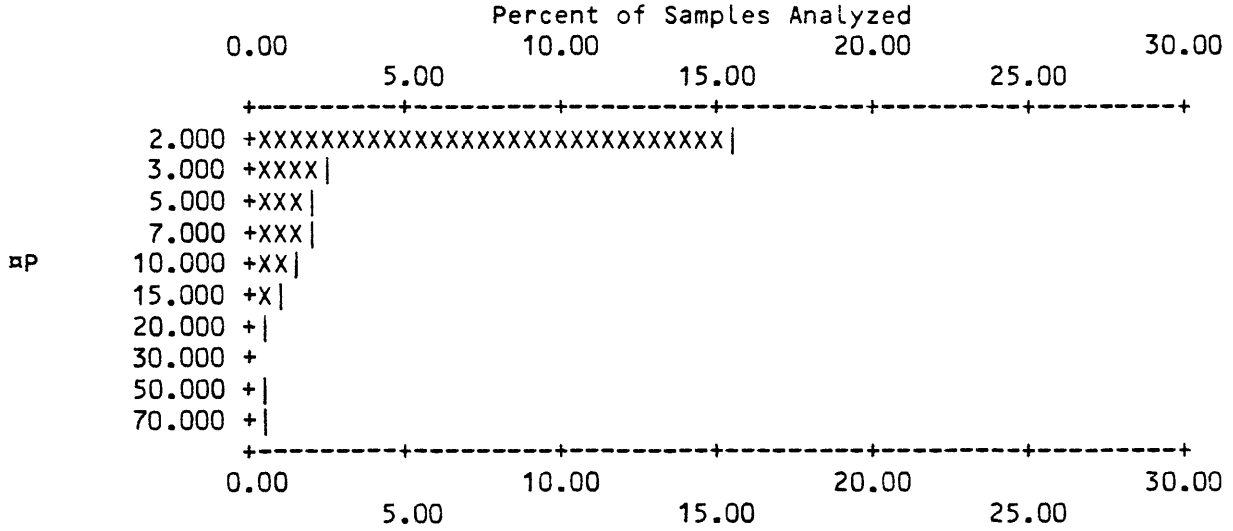
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-BE

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM ¤P	TOT CUM %	
1	2.000	56	15.43	56	15.4	84.6	326	89.8	10.2
2	3.000	9	2.48	65	17.9	82.1	335	92.3	7.7
3	5.000	7	1.93	72	19.8	80.2	342	94.2	5.8
4	7.000	7	1.93	79	21.8	78.2	349	96.1	3.9
5	10.000	5	1.38	84	23.1	76.9	354	97.5	2.5
6	15.000	4	1.10	88	24.2	75.8	358	98.6	1.4
7	20.000	2	0.55	90	24.8	75.2	360	99.2	0.8
8	50.000	2	0.55	92	25.3	74.7	362	99.7	0.3
9	70.000	1	0.28	93	25.6	74.4	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	135	135	0	0	93	363	363	VALUES
0.0	0.0	0.0	37.2	37.2	0.0	0.0	25.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
2.000	70.00	5.839	10.30	3.407	2.32	93



Each increment (each X or | plotted) = 0.500 %

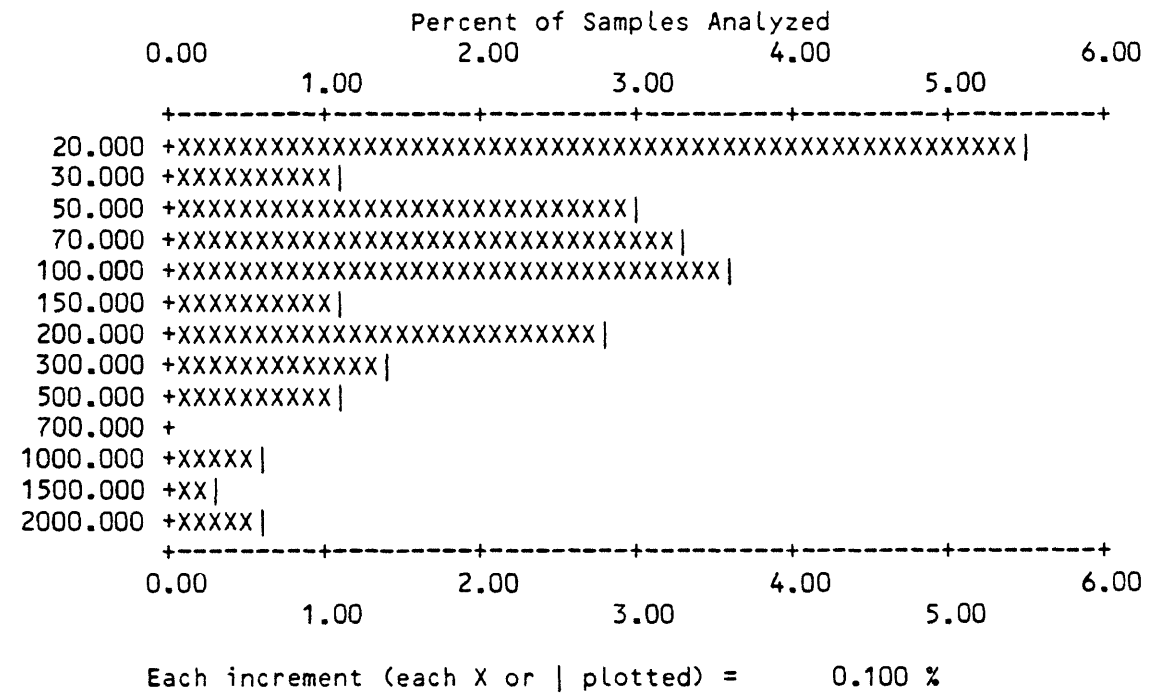
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-BI

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	20	5.51	20	5.5	94.5	294	81.0	19.0
2	30.000	4	1.10	24	6.6	93.4	298	82.1	17.9
3	50.000	11	3.03	35	9.6	90.4	309	85.1	14.9
4	70.000	12	3.31	47	12.9	87.1	321	88.4	11.6
5	100.000	13	3.58	60	16.5	83.5	334	92.0	8.0
6	150.000	4	1.10	64	17.6	82.4	338	93.1	6.9
7	200.000	10	2.75	74	20.4	79.6	348	95.9	4.1
8	300.000	5	1.38	79	21.8	78.2	353	97.2	2.8
9	500.000	4	1.10	83	22.9	77.1	357	98.3	1.7
10	1000.000	2	0.55	85	23.4	76.6	359	98.9	1.1
11	1500.000	1	0.28	86	23.7	76.3	360	99.2	0.8
12	2000.000	2	0.55	88	24.2	75.8	362	99.7	0.3

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	253	21	1	0	88	363	363	VALUES
0.0	0.0	0.0	69.7	5.8	0.3	0.0	24.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	2000.00	191.023	358.91	84.213	3.23	88



Each increment (each X or | plotted) = 0.100 %

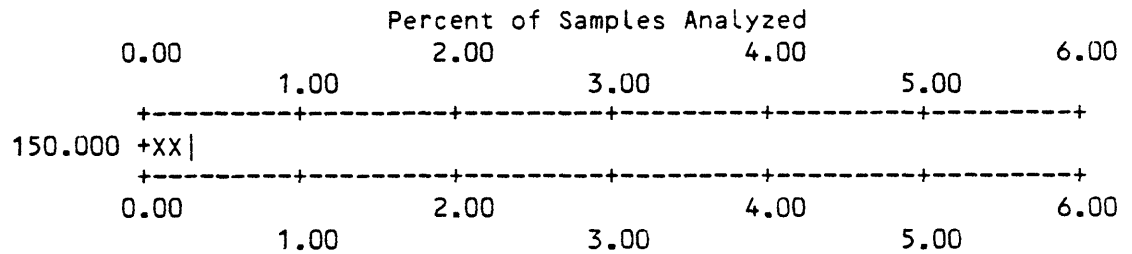
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-CD

	VALUE	NO.	%	CUM.	CUM. %	TOT CUM	TOT CUM %	
1	150.000	1	0.28	1	0.3 99.7	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	361	1	0	0	1	363	363	VALUES
0.0	0.0	0.0	99.4	0.3	0.0	0.0	0.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
150.000	150.00	150.000	0.00	150.000	********	1



Each increment (each X or | plotted) = 0.100 %

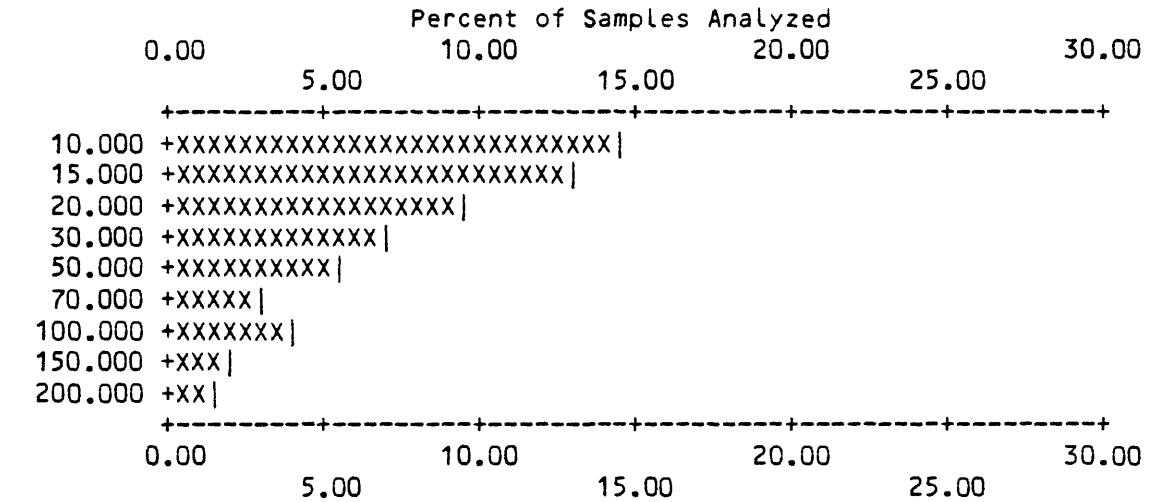
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-CO

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	52	14.33	52	14.3	85.7	199	54.8	45.2
2	15.000	48	13.22	100	27.5	72.5	247	68.0	32.0
3	20.000	35	9.64	135	37.2	62.8	282	77.7	22.3
4	30.000	25	6.89	160	44.1	55.9	307	84.6	15.4
5	50.000	20	5.51	180	49.6	50.4	327	90.1	9.9
6	70.000	10	2.75	190	52.3	47.7	337	92.8	7.2
7	100.000	14	3.86	204	56.2	43.8	351	96.7	3.3
8	150.000	7	1.93	211	58.1	41.9	358	98.6	1.4
9	200.000	5	1.38	216	59.5	40.5	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	95	52	0	0	216	363	363	VALUES
0.0	0.0	0.0	26.2	14.3	0.0	0.0	59.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	200.00	36.296	41.17	23.990	2.30	216



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-CR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	75	20.66	75	20.7	79.3	86	23.7	76.3
2	30.000	68	18.73	143	39.4	60.6	154	42.4	57.6
3	50.000	93	25.62	236	65.0	35.0	247	68.0	32.0
4	70.000	54	14.88	290	79.9	20.1	301	82.9	17.1
5	100.000	45	12.40	335	92.3	7.7	346	95.3	4.7
6	150.000	6	1.65	341	93.9	6.1	352	97.0	3.0
7	200.000	2	0.55	343	94.5	5.5	354	97.5	2.5
8	300.000	3	0.83	346	95.3	4.7	357	98.3	1.7
9	500.000	4	1.10	350	96.4	3.6	361	99.4	0.6
10	1500.000	1	0.28	351	96.7	3.3	362	99.7	0.3
11	2000.000	1	0.28	352	97.0	3.0	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	11	0	0	352	363	363	VALUES
0.0	0.0	0.0	0.0	3.0	0.0	0.0	97.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	2000.00	68.665	142.36	46.830	2.02	352

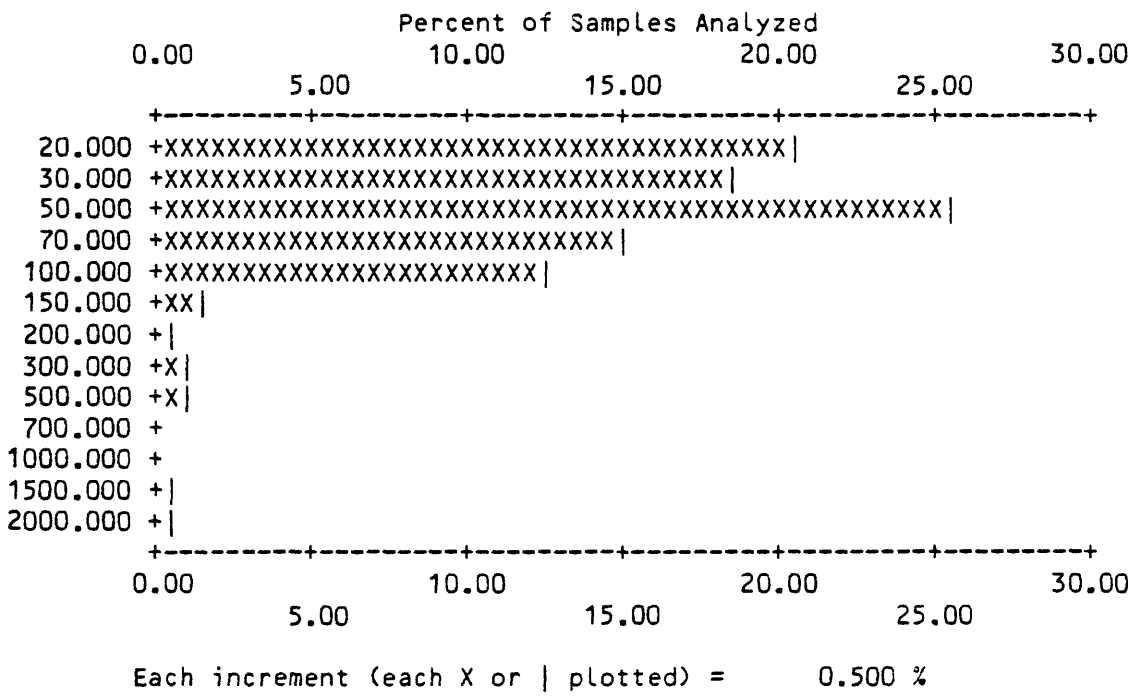


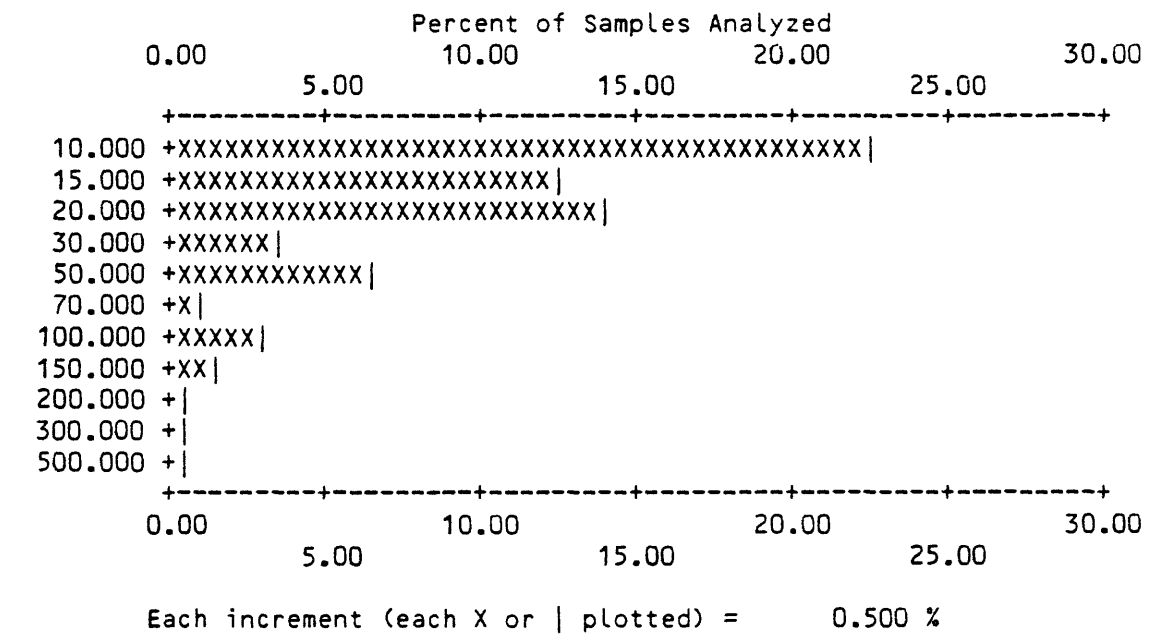
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-CU

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	81	22.31	81	22.3	77.7	205	56.5	43.5
2	15.000	46	12.67	127	35.0	65.0	251	69.1	30.9
3	20.000	50	13.77	177	48.8	51.2	301	82.9	17.1
4	30.000	13	3.58	190	52.3	47.7	314	86.5	13.5
5	50.000	24	6.61	214	59.0	41.0	338	93.1	6.9
6	70.000	3	0.83	217	59.8	40.2	341	93.9	6.1
7	100.000	10	2.75	227	62.5	37.5	351	96.7	3.3
8	150.000	6	1.65	233	64.2	35.8	357	98.3	1.7
9	200.000	2	0.55	235	64.7	35.3	359	98.9	1.1
10	300.000	2	0.55	237	65.3	34.7	361	99.4	0.6
11	500.000	2	0.55	239	65.8	34.2	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	18	106	0	0	239	363	363	VALUES
0.0	0.0	0.0	5.0	29.2	0.0	0.0	65.8			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	500.00	34.310	59.36	20.533	2.30	239



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-LA

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	70.000	1	0.28	1	0.3	99.7	7	1.9	98.1
2	100.000	1	0.28	2	0.6	99.4	8	2.2	97.8
3	150.000	18	4.96	20	5.5	94.5	26	7.2	92.8
4	200.000	48	13.22	68	18.7	81.3	74	20.4	79.6
5	300.000	41	11.29	109	30.0	70.0	115	31.7	68.3
6	500.000	86	23.69	195	53.7	46.3	201	55.4	44.6
7	700.000	52	14.33	247	68.0	32.0	253	69.7	30.3
8	1000.000	40	11.02	287	79.1	20.9	293	80.7	19.3
9	1500.000	23	6.34	310	85.4	14.6	316	87.1	12.9
10	2000.000	42	11.57	352	97.0	3.0	358	98.6	1.4

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	4	2	5	0	352	363	363	VALUES
0.0	0.0	0.0	1.1	0.6	1.4	0.0	97.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
70.000	2000.00	746.222	576.73	557.857	2.18	352

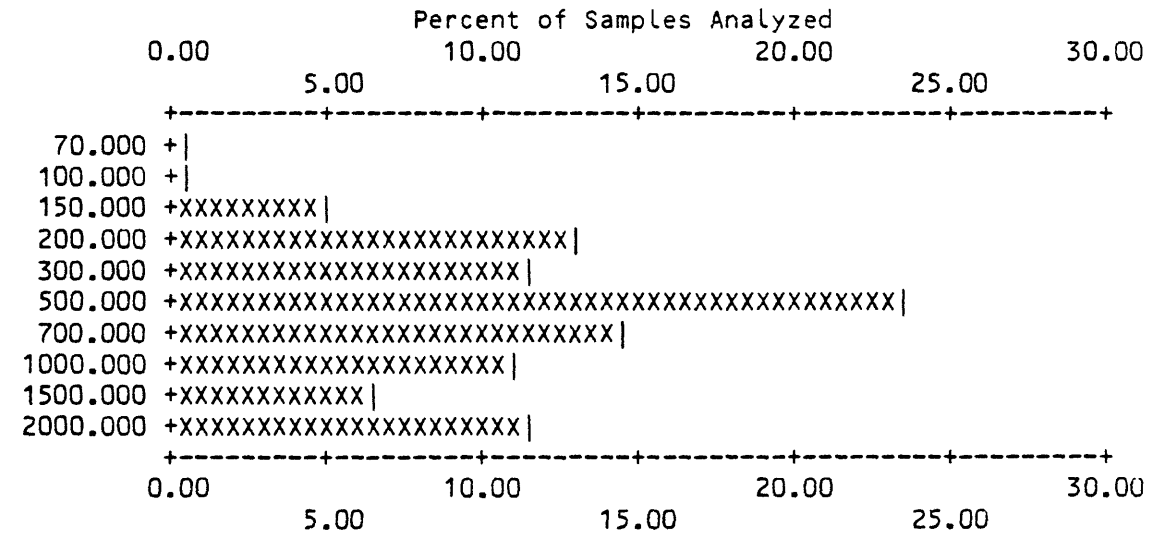


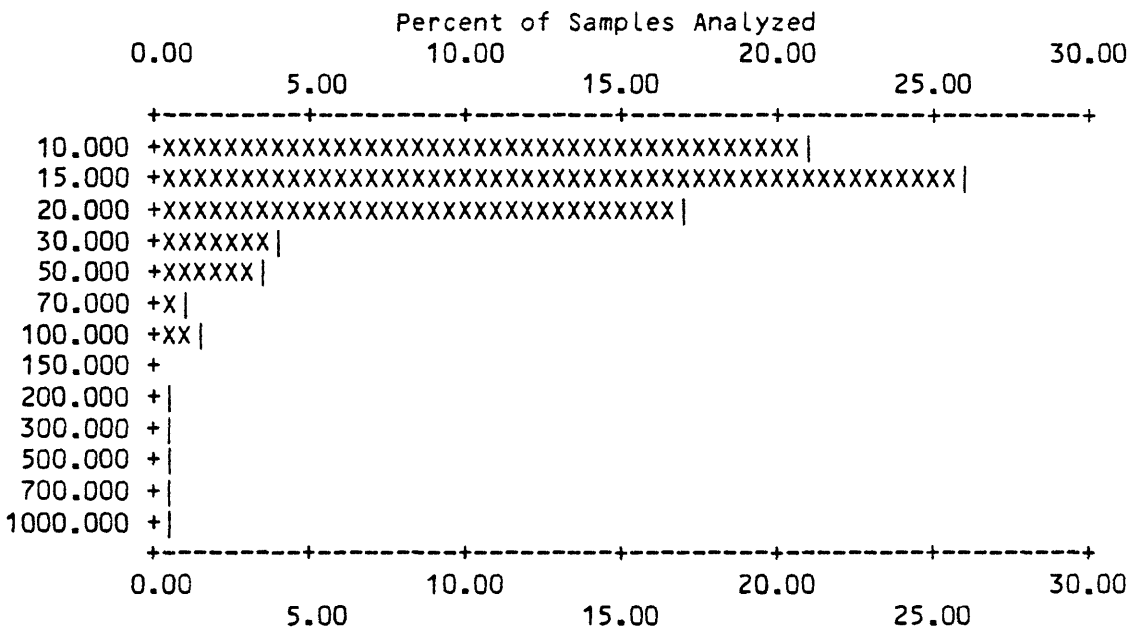
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-MO

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	76	20.94	76	20.9	79.1	166	45.7	54.3
2	15.000	94	25.90	170	46.8	53.2	260	71.6	28.4
3	20.000	62	17.08	232	63.9	36.1	322	88.7	11.3
4	30.000	14	3.86	246	67.8	32.2	336	92.6	7.4
5	50.000	12	3.31	258	71.1	28.9	348	95.9	4.1
6	70.000	4	1.10	262	72.2	27.8	352	97.0	3.0
7	100.000	5	1.38	267	73.6	26.4	357	98.3	1.7
8	200.000	1	0.28	268	73.8	26.2	358	98.6	1.4
9	300.000	1	0.28	269	74.1	25.9	359	98.9	1.1
10	500.000	2	0.55	271	74.7	25.3	361	99.4	0.6
11	700.000	1	0.28	272	74.9	25.1	362	99.7	0.3
12	1000.000	1	0.28	273	75.2	24.8	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	56	34	0	0	273	363	363	VALUES
0.0	0.0	0.0	15.4	9.4	0.0	0.0	75.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	1000.00	30.806	86.32	17.848	2.02	273



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-NB

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	50.000	33	9.09	33	9.1	90.9	71	19.6	80.4
2	70.000	45	12.40	78	21.5	78.5	116	32.0	68.0
3	100.000	112	30.85	190	52.3	47.7	228	62.8	37.2
4	150.000	81	22.31	271	74.7	25.3	309	85.1	14.9
5	200.000	41	11.29	312	86.0	14.0	350	96.4	3.6
6	300.000	12	3.31	324	89.3	10.7	362	99.7	0.3
7	500.000	1	0.28	325	89.5	10.5	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	6	32	0	0	325	363	363	VALUES
0.0	0.0	0.0	1.7	8.8	0.0	0.0	89.5			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
50.000	500.00	124.462	60.38	112.103	1.58	325

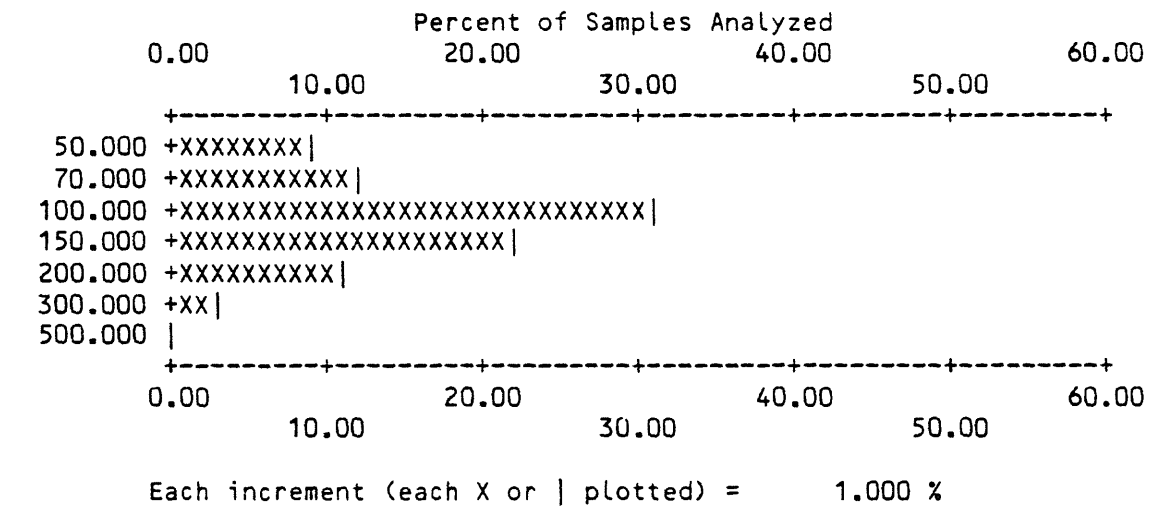


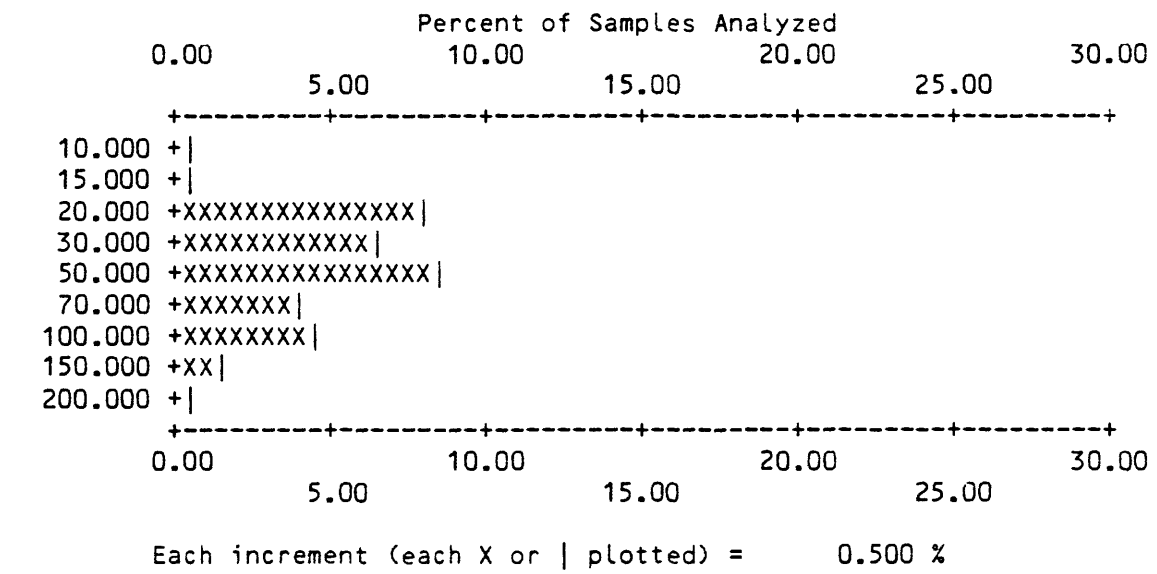
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-NI

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	1	0.28	1	0.3	99.7	241	66.4	33.6
2	15.000	1	0.28	2	0.6	99.4	242	66.7	33.3
3	20.000	29	7.99	31	8.5	91.5	271	74.7	25.3
4	30.000	23	6.34	54	14.9	85.1	294	81.0	19.0
5	50.000	31	8.54	85	23.4	76.6	325	89.5	10.5
6	70.000	14	3.86	99	27.3	72.7	339	93.4	6.6
7	100.000	17	4.68	116	32.0	68.0	356	98.1	1.9
8	150.000	5	1.38	121	33.3	66.7	361	99.4	0.6
9	200.000	2	0.55	123	33.9	66.1	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	233	7	0	0	123	363	363	VALUES
0.0	0.0	0.0	64.2	1.9	0.0	0.0	33.9			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	200.00	54.268	38.30	43.768	1.92	123



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

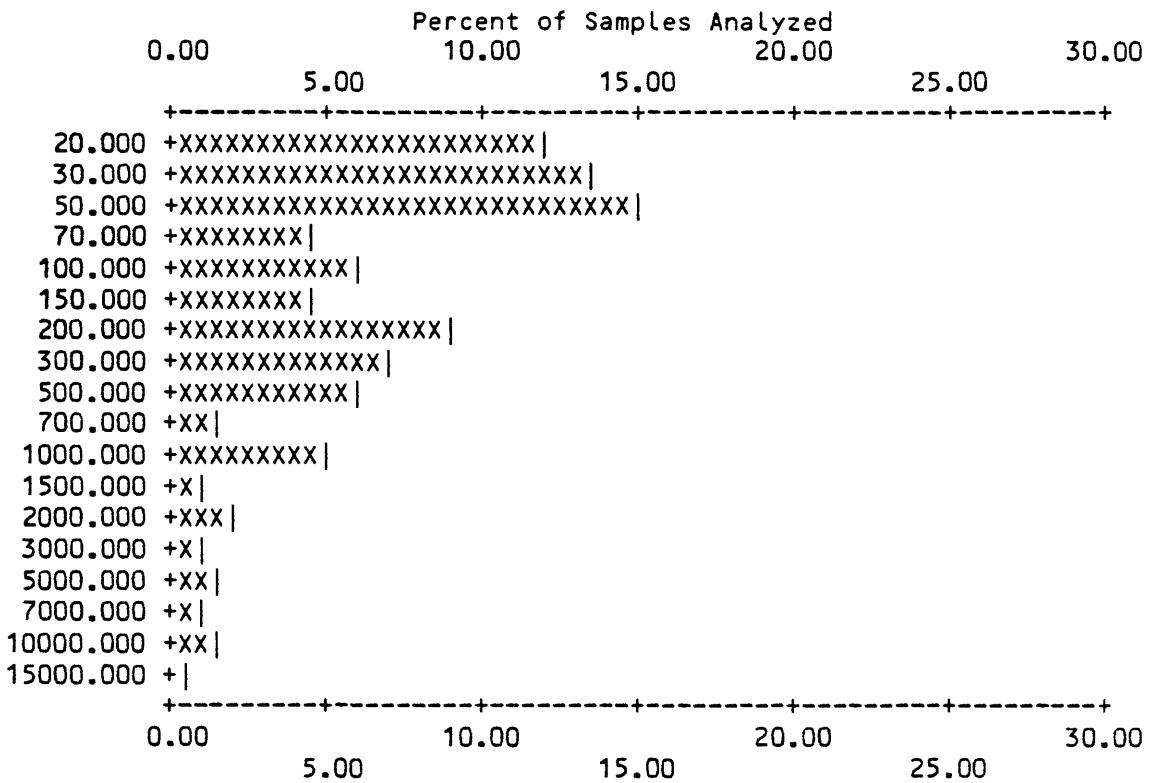
S-PB

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	44	12.12	44	12.1	87.9	70	19.3	80.7
2	30.000	49	13.50	93	25.6	74.4	119	32.8	67.2
3	50.000	55	15.15	148	40.8	59.2	174	47.9	52.1
4	70.000	16	4.41	164	45.2	54.8	190	52.3	47.7
5	100.000	22	6.06	186	51.2	48.8	212	58.4	41.6
6	150.000	16	4.41	202	55.6	44.4	228	62.8	37.2
7	200.000	32	8.82	234	64.5	35.5	260	71.6	28.4
8	300.000	25	6.89	259	71.3	28.7	285	78.5	21.5
9	500.000	21	5.79	280	77.1	22.9	306	84.3	15.7
10	700.000	6	1.65	286	78.8	21.2	312	86.0	14.0
11	1000.000	18	4.96	304	83.7	16.3	330	90.9	9.1
12	1500.000	4	1.10	308	84.8	15.2	334	92.0	8.0
13	2000.000	7	1.93	315	86.8	13.2	341	93.9	6.1
14	3000.000	4	1.10	319	87.9	12.1	345	95.0	5.0
15	5000.000	6	1.65	325	89.5	10.5	351	96.7	3.3
16	7000.000	3	0.83	328	90.4	9.6	354	97.5	2.5
17	10000.000	6	1.65	334	92.0	8.0	360	99.2	0.8
18	15000.000	2	0.55	336	92.6	7.4	362	99.7	0.3

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	9	17	1	0	336	363	363	VALUES
0.0	0.0	0.0	2.5	4.7	0.3	0.0	92.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	15000.00	685.774	1964.28	130.208	5.02	336

S-PB (continued)



Each increment (each X or | plotted) = 0.500 %

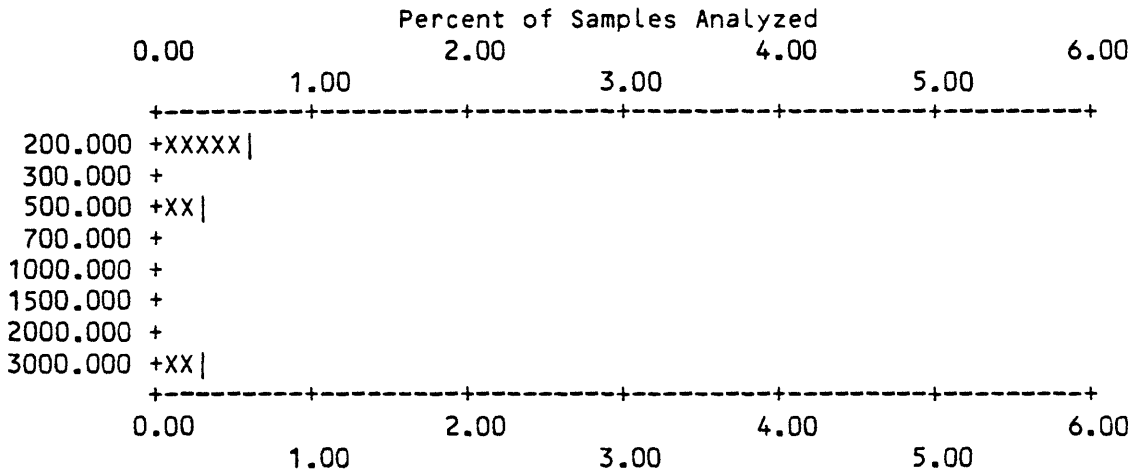
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-SB

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	200.000	2	0.55	2	0.6	99.4	361	99.4	0.6
2	500.000	1	0.28	3	0.8	99.2	362	99.7	0.3
3	3000.000	1	0.28	4	1.1	98.9	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	354	5	0	0	4	363	363	VALUES
0.0	0.0	0.0	97.5	1.4	0.0	0.0	1.1			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
200.000	3000.00	975.000	1357.39	494.923	3.58	4



Each increment (each X or | plotted) = 0.100 %

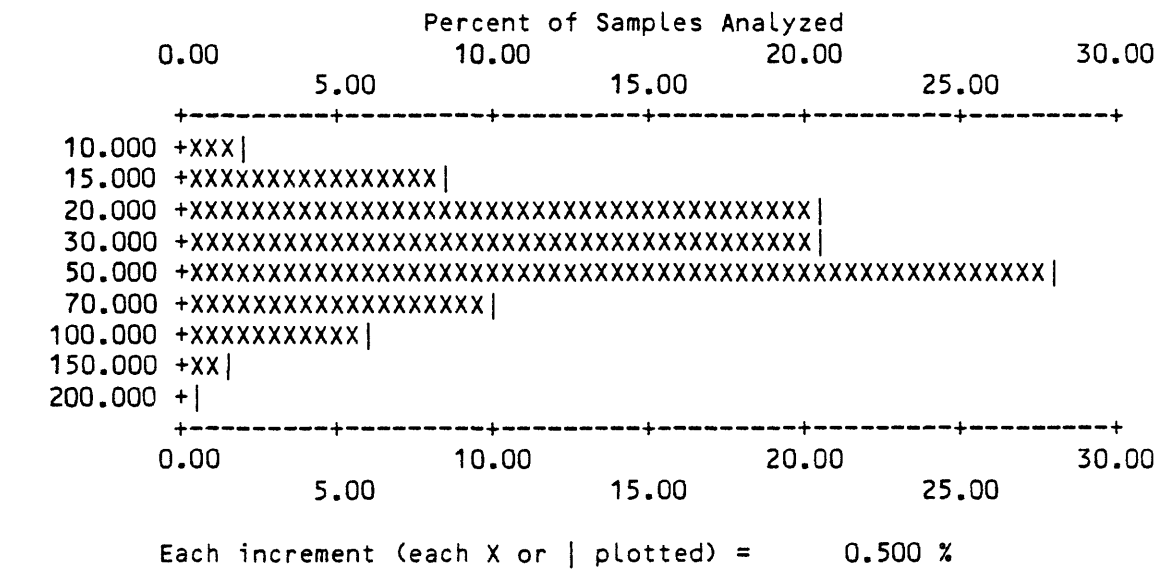
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-SC

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	10.000	8	2.20	8	2.2	97.8	18	5.0	95.0
2	15.000	31	8.54	39	10.7	89.3	49	13.5	86.5
3	20.000	75	20.66	114	31.4	68.6	124	34.2	65.8
4	30.000	75	20.66	189	52.1	47.9	199	54.8	45.2
5	50.000	101	27.82	290	79.9	20.1	300	82.6	17.4
6	70.000	36	9.92	326	89.8	10.2	336	92.6	7.4
7	100.000	21	5.79	347	95.6	4.4	357	98.3	1.7
8	150.000	5	1.38	352	97.0	3.0	362	99.7	0.3
9	200.000	1	0.28	353	97.2	2.8	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	8	2	0	0	353	363	363	VALUES
0.0	0.0	0.0	2.2	0.6	0.0	0.0	97.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
10.000	200.00	42.252	27.51	35.221	1.82	353



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-SN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	100	27.55	100	27.5	72.5	243	66.9	33.1
2	30.000	57	15.70	157	43.3	56.7	300	82.6	17.4
3	50.000	39	10.74	196	54.0	46.0	339	93.4	6.6
4	70.000	6	1.65	202	55.6	44.4	345	95.0	5.0
5	100.000	9	2.48	211	58.1	41.9	354	97.5	2.5
6	150.000	4	1.10	215	59.2	40.8	358	98.6	1.4
7	200.000	2	0.55	217	59.8	40.2	360	99.2	0.8
8	300.000	1	0.28	218	60.1	39.9	361	99.4	0.6
9	500.000	1	0.28	219	60.3	39.7	362	99.7	0.3
10	1000.000	1	0.28	220	60.6	39.4	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	85	58	0	0	220	363	363	VALUES
0.0	0.0	0.0	23.4	16.0	0.0	0.0	60.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	1000.00	44.455	79.48	31.993	1.87	220

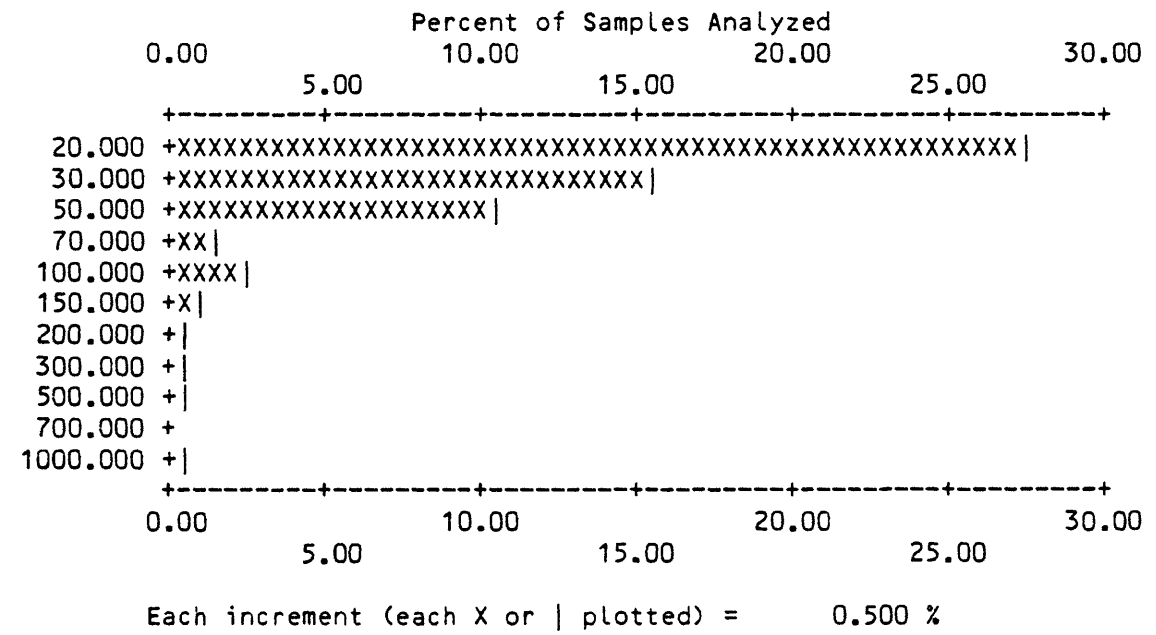


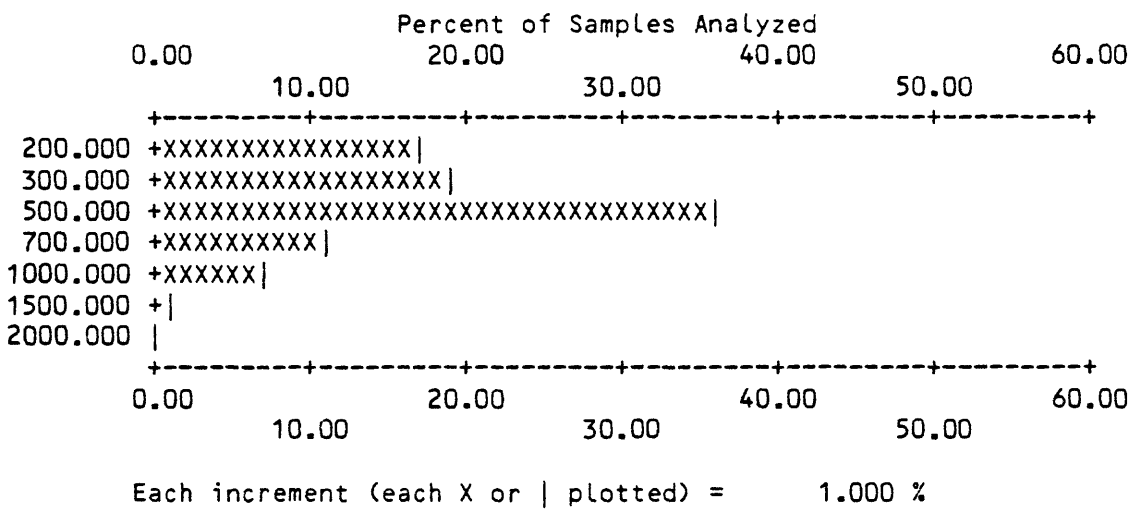
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-SR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	200.000	62	17.08	62	17.1	82.9	93	25.6	74.4
2	300.000	68	18.73	130	35.8	64.2	161	44.4	55.6
3	500.000	132	36.36	262	72.2	27.8	293	80.7	19.3
4	700.000	41	11.29	303	83.5	16.5	334	92.0	8.0
5	1000.000	25	6.89	328	90.4	9.6	359	98.9	1.1
6	1500.000	2	0.55	330	90.9	9.1	361	99.4	0.6
7	2000.000	1	0.28	331	91.2	8.8	362	99.7	0.3

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	15	16	1	0	331	363	363	VALUES
0.0	0.0	0.0	4.1	4.4	0.3	0.0	91.2			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
200.000	2000.00	475.831	247.70	421.108	1.64	331



Each increment (each X or | plotted) = 1.000 %

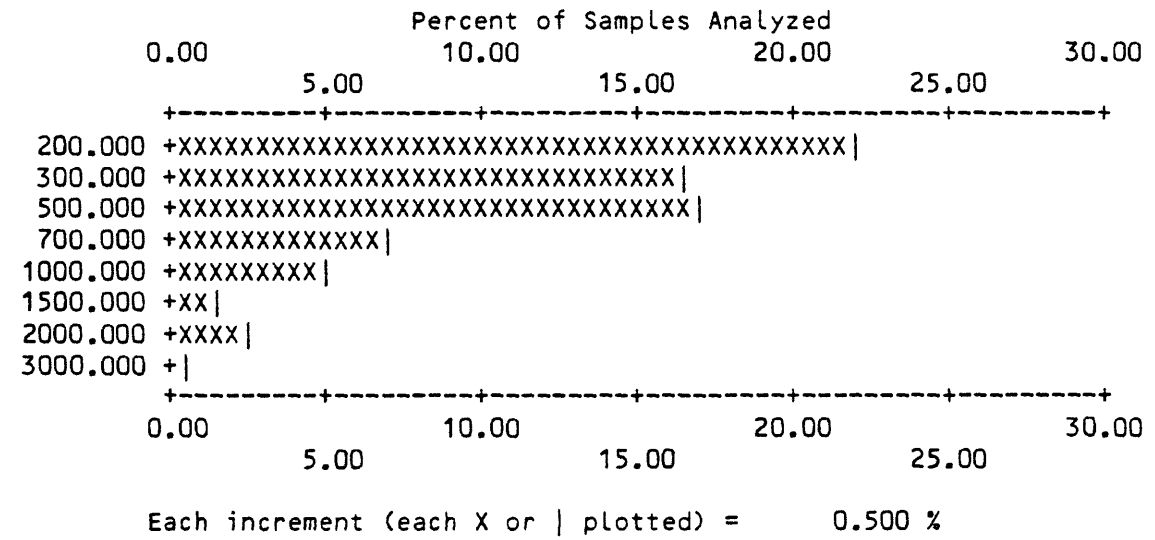
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-TH

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	200.000	79	21.76	79	21.8	78.2	183	50.4	49.6
2	300.000	59	16.25	138	38.0	62.0	242	66.7	33.3
3	500.000	62	17.08	200	55.1	44.9	304	83.7	16.3
4	700.000	26	7.16	226	62.3	37.7	330	90.9	9.1
5	1000.000	18	4.96	244	67.2	32.8	348	95.9	4.1
6	1500.000	5	1.38	249	68.6	31.4	353	97.2	2.8
7	2000.000	9	2.48	258	71.1	28.9	362	99.7	0.3
8	3000.000	1	0.28	259	71.3	28.7	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	34	70	0	0	259	363	363	VALUES
0.0	0.0	0.0	9.4	19.3	0.0	0.0	71.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
200.000	3000.00	498.842	424.58	394.258	1.89	259



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-V

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	1	0.28	1	0.3	99.7	1	0.3	99.7
2	30.000	1	0.28	2	0.6	99.4	2	0.6	99.4
3	50.000	5	1.38	7	1.9	98.1	7	1.9	98.1
4	70.000	7	1.93	14	3.9	96.1	14	3.9	96.1
5	100.000	57	15.70	71	19.6	80.4	71	19.6	80.4
6	150.000	143	39.39	214	59.0	41.0	214	59.0	41.0
7	200.000	136	37.47	350	96.4	3.6	350	96.4	3.6
8	300.000	12	3.31	362	99.7	0.3	362	99.7	0.3
9	500.000	1	0.28	363	100.0	0.0	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	0	0	363	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	500.00	163.196	50.90	154.650	1.42	363

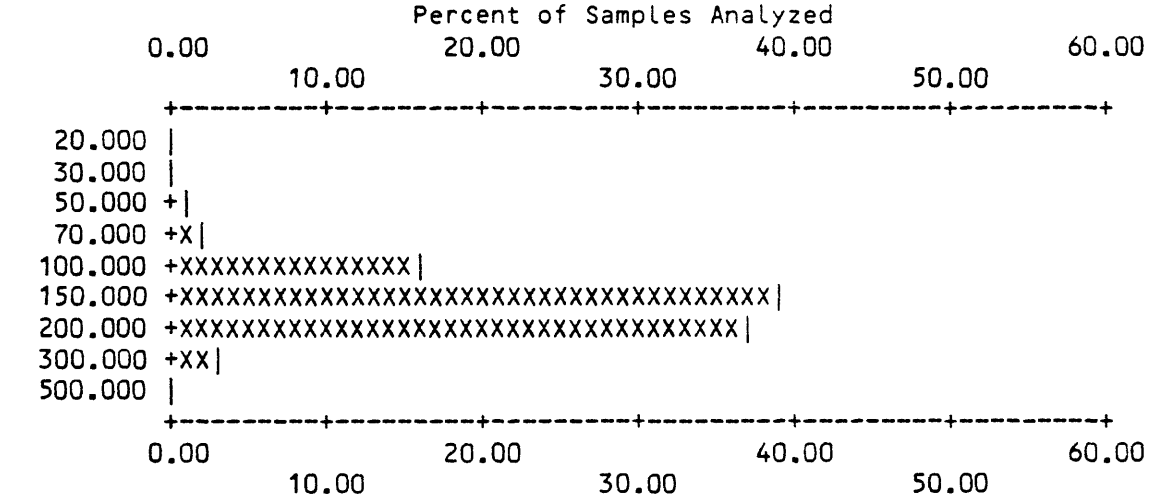


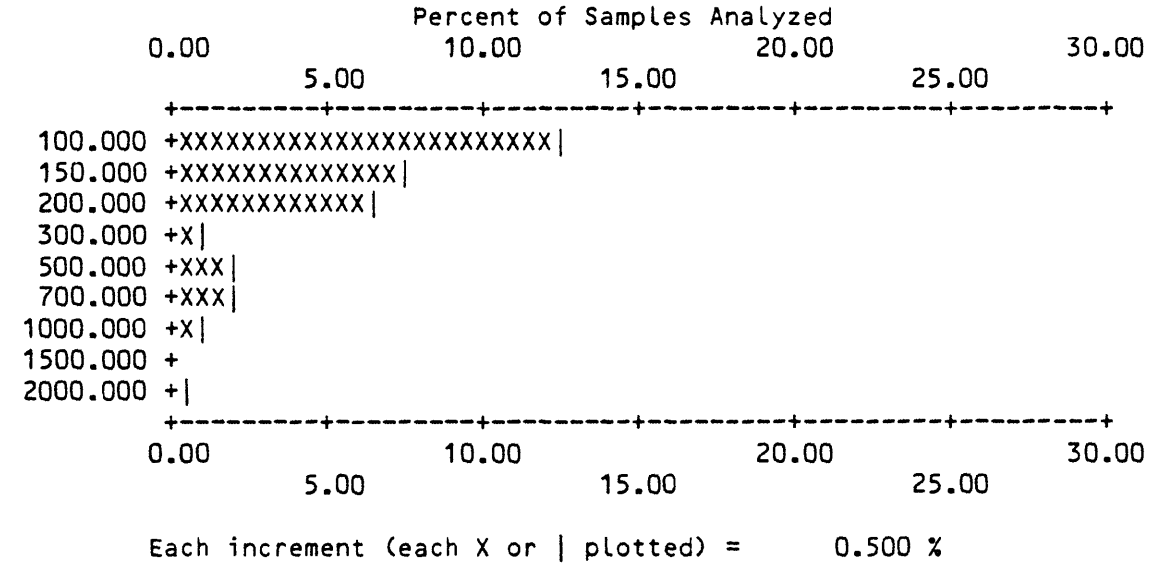
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-W

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	100.000	45	12.40	45	12.4	87.6	287	79.1	20.9
2	150.000	27	7.44	72	19.8	80.2	314	86.5	13.5
3	200.000	23	6.34	95	26.2	73.8	337	92.8	7.2
4	300.000	4	1.10	99	27.3	72.7	341	93.9	6.1
5	500.000	8	2.20	107	29.5	70.5	349	96.1	3.9
6	700.000	8	2.20	115	31.7	68.3	357	98.3	1.7
7	1000.000	4	1.10	119	32.8	67.2	361	99.4	0.6
8	2000.000	2	0.55	121	33.3	66.7	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	190	52	0	0	121	363	363	VALUES
0.0	0.0	0.0	52.3	14.3	0.0	0.0	33.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
100.000	2000.00	264.050	313.86	185.753	2.08	121



Each increment (each X or | plotted) = 0.500 %

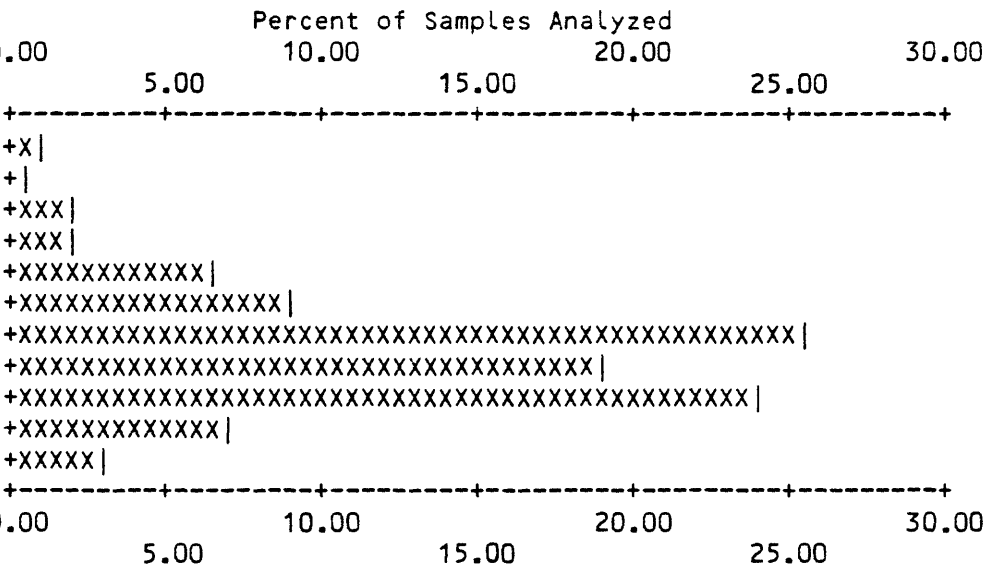
Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-Y

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	20.000	4	1.10	4	1.1	98.9	5	1.4	98.6
2	30.000	2	0.55	6	1.7	98.3	7	1.9	98.1
3	50.000	8	2.20	14	3.9	96.1	15	4.1	95.9
4	70.000	7	1.93	21	5.8	94.2	22	6.1	93.9
5	100.000	24	6.61	45	12.4	87.6	46	12.7	87.3
6	150.000	33	9.09	78	21.5	78.5	79	21.8	78.2
7	200.000	92	25.34	170	46.8	53.2	171	47.1	52.9
8	300.000	69	19.01	239	65.8	34.2	240	66.1	33.9
9	500.000	88	24.24	327	90.1	9.9	328	90.4	9.6
10	700.000	25	6.89	352	97.0	3.0	353	97.2	2.8
11	1000.000	10	2.75	362	99.7	0.3	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	1	0	0	362	363	363	VALUES
0.0	0.0	0.0	0.0	0.3	0.0	0.0	99.7			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
20.000	1000.00	328.674	211.02	262.508	2.06	362



Each increment (each X or | plotted) = 0.500 %

Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-ZN

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	500.000	4	1.10	4	1.1	98.9	355	97.8	2.2
2	700.000	1	0.28	5	1.4	98.6	356	98.1	1.9
3	1000.000	4	1.10	9	2.5	97.5	360	99.2	0.8
4	1500.000	1	0.28	10	2.8	97.2	361	99.4	0.6
5	7000.000	1	0.28	11	3.0	97.0	362	99.7	0.3
6	10000.000	1	0.28	12	3.3	96.7	363	100.0	0.0

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	348	3	0	0	12	363	363	VALUES
0.0	0.0	0.0	95.9	0.8	0.0	0.0	3.3			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
500.000	10000.00	2100.000	3072.16	1135.483	2.73	12

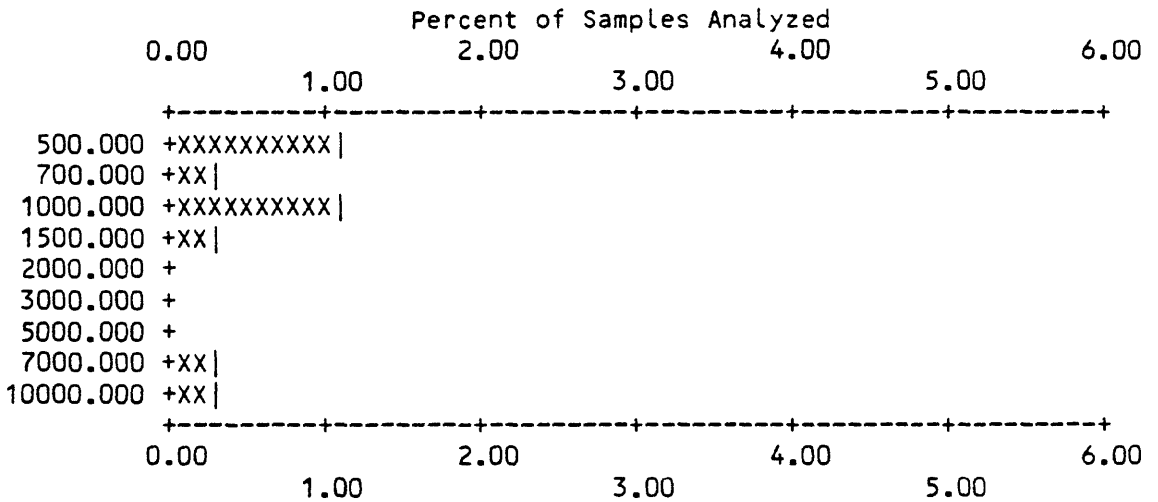


Table 9. Frequency tables and histograms for non-magnetic dense-mineral concentrate samples - (continued)

S-ZR

	VALUE	NO.	%	CUM.	CUM. %		TOT CUM	TOT CUM %	
1	100.000	1	0.28	1	0.3	99.7	1	0.3	99.7
2	200.000	1	0.28	2	0.6	99.4	2	0.6	99.4
3	500.000	4	1.10	6	1.7	98.3	6	1.7	98.3
4	700.000	1	0.28	7	1.9	98.1	7	1.9	98.1
5	1000.000	4	1.10	11	3.0	97.0	11	3.0	97.0
6	1500.000	5	1.38	16	4.4	95.6	16	4.4	95.6
7	2000.000	26	7.16	42	11.6	88.4	42	11.6	88.4

B	T	H	N	L	G	OTHER	UNQUAL	ANAL	READ	
0	0	0	0	0	321	0	42	363	363	VALUES
0.0	0.0	0.0	0.0	0.0	88.4	0.0	11.6			PERCENT

MIN	MAX	AMEAN	SD	GMEAN	GD	VALUES
100.000	2000.00	1583.333	614.82	1363.031	1.98	42

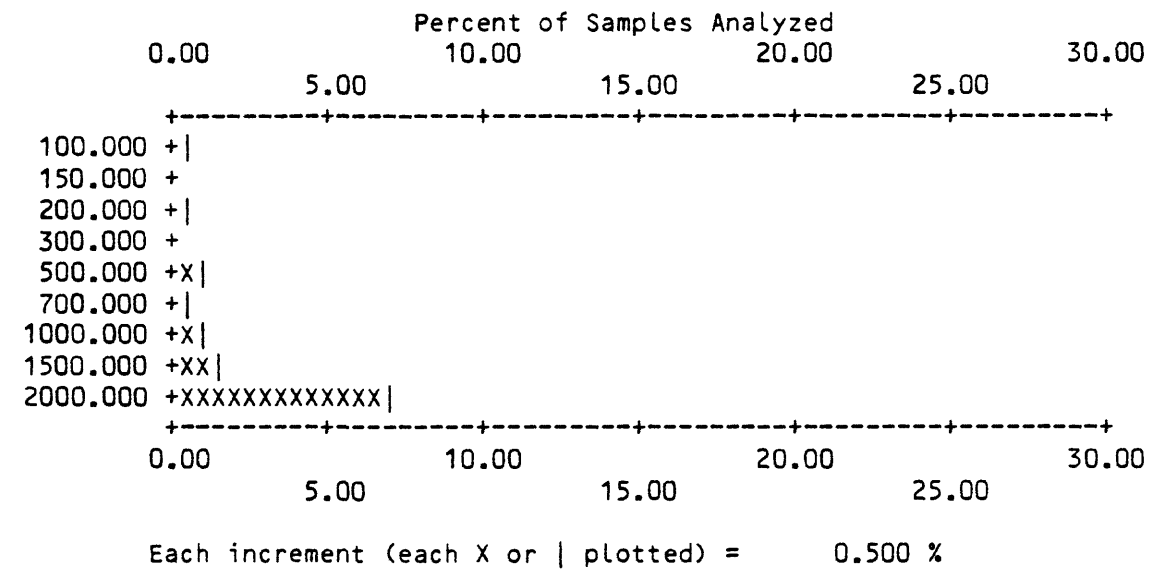


Table 10. Data for rock samples

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BE003RK	37 48 15	118 17 4	386,910	4,184,660	.50	1.0	.20	.100	N	N	10	700
BE004RK	37 48 16	118 16 21	387,970	4,184,680	.30	2.0	.50	.200	N	N	<10	500
BE005RK	37 48 10	118 16 13	388,160	4,184,490	.30	1.5	.30	.150	N	N	10	300
BE007RK	37 45 30	118 15 8	389,680	4,179,550	.50	.7	.05	.070	N	N	<10	500
BE111RK	37 52 38	118 23 37	377,430	4,192,930	1.00	1.0	.20	.100	N	N	10	1,000
BE112RK	37 52 6	118 24 38	375,910	4,191,960	20.00	.2	1.00	.020	N	N	N	20
BE113RK	37 50 45	118 25 28	374,670	4,189,460	10.00	3.0	2.00	.050	N	N	<10	150
BE115RK	37 51 41	118 25 10	375,120	4,191,190	20.00	.7	.70	.020	N	N	N	100
BE117RK	37 49 10	118 25 27	374,640	4,186,530	10.00	2.0	1.00	.200	N	N	15	500
BE119RK	37 50 7	118 25 20	374,850	4,188,290	20.00	1.5	.70	.100	.7	N	70	70
BE205RK	37 46 52	118 16 10	388,200	4,182,080	.50	1.0	1.00	.300	N	N	N	200
BE206RK	37 47 8	118 15 25	389,320	4,182,560	.70	3.0	1.50	.500	N	N	10	700
BE208RK	37 48 20	118 25 26	374,630	4,185,000	10.00	10.0	7.00	.150	N	N	<10	70
BE209RK	37 48 15	118 25 20	374,790	4,184,850	1.00	1.0	.20	.150	N	N	<10	1,000
BE210RK	37 47 29	118 24 44	375,650	4,183,410	.50	.7	.15	.070	N	N	N	300
BE211RK	37 46 59	118 24 26	376,080	4,182,480	.50	.7	.30	.100	N	N	10	500
BE212RK	37 46 29	118 24 22	376,160	4,181,570	.30	1.0	.10	.150	N	N	30	500
BE213RK	37 45 10	118 23 2	378,070	4,179,110	.30	.5	.10	.070	N	N	N	300
BE215RK	37 45 30	118 23 46	377,010	4,179,720	.30	1.0	.10	.100	N	N	<10	500
BE216RK	37 45 59	118 23 53	376,850	4,180,620	.20	.7	.05	.050	N	N	10	500
BE217RK	37 48 34	118 15 36	389,080	4,185,220	1.00	1.0	.20	.200	N	N	N	700
BE218RK	37 48 45	118 15 4	389,860	4,185,550	.50	.5	.10	.070	N	N	<10	700
BE306RK	37 49 50	118 18 46	384,450	4,187,630	.20	.5	.10	.050	N	N	N	500
BE307RK	37 50 3	118 15 55	388,660	4,187,990	1.00	1.0	.20	.070	N	N	<10	500
BE315RK	37 49 54	118 17 17	386,640	4,187,720	.20	.5	.15	.070	N	N	<10	500
BI001RK	37 21 9	118 15 40	388,290	4,134,530	.10	3.0	1.50	.700	N	N	50	150
BI002RK	37 24 25	118 15 37	388,460	4,140,560	.30	3.0	1.00	1.000	N	N	30	150
BI003RK	37 24 25	118 16 19	387,420	4,140,590	.10	5.0	1.00	1.000	N	N	20	200
BI004RK	37 24 27	118 17 28	385,720	4,140,670	.50	3.0	1.00	1.000	N	N	50	200
BI101RK	37 28 37	118 18 14	384,700	4,148,400	.10	2.0	1.00	.200	.5	N	200	200
BI102RK	37 28 35	118 18 12	384,740	4,148,330	.10	5.0	2.00	.700	N	N	100	500
BI103RK	37 28 42	118 19 4	383,470	4,148,560	.20	5.0	2.00	.500	N	N	20	300
BI104RK	37 28 12	118 18 57	383,630	4,147,630	3.00	3.0	1.50	.500	N	N	70	500
BI108RK	37 19 43	118 15 17	388,830	4,131,860	.07	5.0	1.50	>1.000	<.5	N	20	150
BI109RK	37 19 45	118 15 18	388,800	4,131,940	.15	3.0	1.50	1.000	N	N	15	150
BI111RK	37 20 5	118 16 55	386,420	4,132,570	10.00	.5	10.00	.010	N	N	10	N
BI113RK	37 27 29	118 16 41	386,950	4,146,260	.05	3.0	1.00	.500	N	N	100	200
BI114RK	37 26 47	118 15 41	388,400	4,144,960	.70	2.0	.30	.300	N	N	70	150
BI115RK	37 26 57	118 17 0	386,480	4,145,290	.07	2.0	1.00	.500	N	N	100	150
BI117RK	37 15 51	118 15 42	388,120	4,124,730	10.00	.5	7.00	.070	.5	N	N	100
BI201RK	37 28 59	118 15 7	389,300	4,149,000	2.00	5.0	2.00	.500	N	N	70	300
BI204RK	37 25 51	118 16 58	386,500	4,143,240	1.00	5.0	1.50	.500	N	N	<10	700
BI206RK	37 22 28	118 17 11	386,080	4,136,990	.05	2.0	1.00	.500	N	N	100	200
BI208RK	37 22 28	118 17 39	385,400	4,137,020	1.00	2.0	.70	.700	.5	N	50	1,000
BI301RK	37 21 21	118 16 4	387,710	4,134,910	.05	3.0	1.50	.500	N	N	50	200

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BE003RK	2.0	N	N	<5	50	300	N	N	5	30	5
BE004RK	3.0	7	10	<5	100	300	N	20	15	20	15
BE005RK	3.0	N	N	<5	100	200	N	<20	5	20	5
BE007RK	2.0	N	N	<5	<20	200	N	N	7	30	5
BE111RK	1.5	N	N	<5	70	200	N	N	5	20	N
BE112RK	N	N	10	<5	<20	200	7	N	N	15	<5
BE113RK	5.0	7	15	10	100	1,000	N	20	5	15	<5
BE115RK	N	N	<10	<5	N	1,000	N	N	N	50	N
BE117RK	<1.0	7	30	15	<20	1,500	N	N	7	50	10
BE119RK	<1.0	10	50	5	<20	700	5	N	15	70	7
BE205RK	2.0	N	10	<5	70	200	N	<20	5	10	10
BE206RK	5.0	10	15	7	100	300	N	<20	10	30	15
BE208RK	1.0	10	150	N	200	1,500	N	N	20	10	10
BE209RK	2.0	N	N	<5	50	300	N	<20	5	30	5
BE210RK	1.5	<5	20	10	30	300	5	N	7	20	<5
BE211RK	2.0	N	N	5	30	200	N	N	5	30	N
BE212RK	1.5	5	<10	7	70	150	N	N	5	30	5
BE213RK	2.0	N	<10	<5	20	200	N	N	5	20	<5
BE215RK	1.5	<5	10	<5	<20	300	5	<20	7	30	5
BE216RK	2.0	N	<10	<5	30	200	N	N	7	20	N
BE217RK	1.0	N	N	<5	<20	500	N	N	<5	20	N
BE218RK	2.0	N	N	<5	20	200	N	N	5	20	5
BE306RK	2.0	<5	N	<5	N	150	N	N	5	20	N
BE307RK	2.0	N	<10	<5	30	200	N	N	5	20	5
BE315RK	1.5	N	N	<5	20	200	N	N	5	15	N
BI001RK	2.0	20	30	5	30	200	N	<20	30	<10	20
BI002RK	1.5	20	50	30	30	500	N	<20	30	15	20
BI003RK	2.0	30	50	70	50	500	N	<20	50	10	30
BI004RK	2.0	15	70	20	50	300	N	<20	30	15	30
BI101RK	1.5	10	20	20	150	150	N	<20	30	10	15
BI102RK	2.0	15	100	15	100	300	N	20	30	10	30
BI103RK	1.0	<5	70	<5	<20	500	N	N	20	<10	10
BI104RK	2.0	20	50	20	50	500	N	<20	20	15	30
BI108RK	2.0	20	50	30	50	300	N	20	30	15	20
BI109RK	2.0	30	50	30	<20	300	N	<20	30	10	20
BI111RK	N	N	N	<5	N	300	N	N	N	10	N
BI113RK	3.0	15	50	15	70	300	N	<20	30	10	20
BI114RK	2.0	20	30	20	30	500	N	N	30	70	10
BI115RK	2.0	15	50	20	50	200	N	<20	30	10	20
BI117RK	<1.0	N	15	7	N	500	N	N	5	20	5
BI201RK	2.0	20	100	30	150	500	N	<20	50	15	20
BI204RK	2.0	20	10	30	70	700	N	<20	10	50	30
BI206RK	3.0	10	50	15	50	200	N	<20	20	20	20
BI208RK	2.0	20	30	100	70	500	N	<20	20	20	15
BI301RK	2.0	15	50	30	50	200	N	<20	50	15	20

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
BE003RK	N	500	20	N	<10	N	100	.002	45	--
BE004RK	N	300	70	N	20	N	100	N	70	--
BE005RK	N	150	30	N	20	N	150	N	25	--
BE007RK	N	300	10	N	10	N	70	N	30	--
BE111RK	N	700	30	N	<10	N	100	.013	50	--
BE112RK	N	700	10	N	N	N	20	N	10	--
BE113RK	20	500	100	N	10	200	20	N	50	--
BE115RK	N	500	30	N	<10	N	10	.002	45	--
BE117RK	N	500	50	N	15	N	150	.004	40	--
BE119RK	N	700	70	N	15	N	50	N	10	--
BE205RK	N	150	50	N	30	N	100	N	15	--
BE206RK	N	300	100	N	20	N	150	N	35	--
BE208RK	N	100	1,000	N	10	200	50	N	15	--
BE209RK	N	700	20	N	10	N	150	N	50	--
BE210RK	N	500	20	N	<10	N	50	N	40	--
BE211RK	N	300	20	N	10	N	100	N	25	--
BE212RK	N	300	30	N	<10	N	70	N	35	--
BE213RK	N	300	15	N	<10	N	50	N	45	--
BE215RK	N	300	15	N	<10	N	70	.002	35	--
BE216RK	N	500	20	N	<10	N	70	N	35	--
BE217RK	N	500	15	N	N	N	150	N	35	--
BE218RK	N	500	15	<50	<10	N	100	N	45	--
BE306RK	N	500	10	N	N	N	50	N	20	--
BE307RK	N	500	20	N	<10	N	70	N	40	--
BE315RK	N	500	10	<50	<10	N	70	N	15	--
BI001RK	N	100	100	N	30	N	150	N	35	--
BI002RK	N	100	100	N	30	N	100	.009	70	--
BI003RK	N	100	100	N	30	<200	150	N	130	--
BI004RK	N	100	70	N	30	N	150	N	65	--
BI101RK	N	<100	70	N	20	N	100	N	55	--
BI102RK	N	<100	100	N	20	N	150	N	80	--
BI103RK	N	200	100	N	10	N	100	N	65	--
BI104RK	N	300	100	N	15	N	150	N	55	.19
BI108RK	N	N	150	N	30	N	200	N	65	--
BI109RK	N	100	100	N	20	N	150	N	50	--
BI111RK	N	200	10	N	N	N	<10	N	95	--
BI113RK	N	<100	70	N	20	N	100	N	90	--
BI114RK	N	N	50	N	20	N	100	N	60	--
BI115RK	N	<100	70	N	20	N	100	N	90	--
BI117RK	N	150	20	N	<10	N	20	.010	20	--
BI201RK	N	300	70	N	30	N	150	N	100	--
BI204RK	N	500	100	N	20	<200	150	.002	110	.11
BI206RK	N	<100	70	N	20	N	100	N	60	--
BI208RK	N	150	70	N	30	N	100	N	50	--
BI301RK	N	<100	70	N	20	N	150	N	65	--

Table 10. Data for rock samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BM001RK	37 26 29	118 10 46	395,660	4,144,310	15.00	.3	10.00	.010	N	N	N	<20
BM002RK	37 26 26	118 10 46	395,660	4,144,210	20.00	.2	10.00	.015	N	N	N	N
BM003RK	37 26 12	118 9 9	398,040	4,143,740	7.00	2.0	1.00	.200	N	N	20	200
BM004RK	37 26 17	118 8 59	398,270	4,143,900	.20	2.0	1.50	.300	N	N	100	500
BM005RK	37 26 23	118 8 38	398,800	4,144,080	10.00	3.0	1.50	.200	N	N	70	200
BM006RK	37 29 31	118 5 55	402,880	4,149,820	.50	1.5	.50	.150	N	N	20	700
BM007RK	37 29 24	118 5 55	402,860	4,149,600	1.00	1.5	.50	.150	N	N	10	500
BM008RK	37 29 13	118 5 51	402,950	4,149,280	.70	2.0	1.00	.200	N	N	<10	700
BM009RK	37 28 0	118 4 18	405,230	4,147,000	3.00	2.0	1.00	.150	N	N	10	500
BM010RK	37 22 5	118 2 13	408,160	4,136,030	2.00	3.0	1.50	.700	N	N	15	1,500
BM011RK	37 21 57	118 2 27	407,830	4,135,760	2.00	2.0	1.00	.300	N	N	10	1,500
BM012RK	37 27 28	118 9 57	396,870	4,146,100	15.00	.1	10.00	.010	N	N	N	N
BM013RK	37 24 10	118 6 5	402,510	4,139,930	2.00	3.0	1.00	.300	N	N	50	200
BM014RK	37 23 24	118 5 21	403,580	4,138,490	20.00	.5	10.00	.050	N	N	20	<20
BM015RK	37 23 21	118 5 30	403,360	4,138,400	20.00	.5	10.00	.030	N	N	15	N
BM016RK	37 23 5	118 5 28	403,390	4,137,920	.70	.7	.15	.050	N	N	<10	300
BM017RK	37 22 35	118 4 32	404,770	4,136,990	20.00	1.0	5.00	.050	2.0	N	N	70
BM018RK	37 22 39	118 4 24	404,960	4,137,110	20.00	.5	5.00	.020	N	N	<10	<20
BM019RK	37 21 47	118 9 7	397,970	4,135,590	.20	2.0	.70	1.000	N	N	20	300
BM020RK	37 20 38	118 8 58	398,170	4,133,460	.15	2.0	.70	.500	N	N	20	200
BM021RK	37 20 32	118 9 1	398,110	4,133,270	.20	2.0	.50	.700	N	N	15	150
BM022RK	37 21 24	118 14 12	390,470	4,134,960	1.00	2.0	.70	.200	N	N	15	300
BM023RK	37 21 18	118 14 12	390,470	4,134,770	.50	2.0	1.00	.200	N	N	15	300
BM024RK	37 24 3	118 14 25	390,210	4,139,880	.07	5.0	1.00	.500	N	N	100	500
BM025RK	37 24 16	118 14 47	389,670	4,140,290	.10	2.0	.70	.300	N	N	70	300
BM101RK	37 29 50	118 10 21	396,340	4,150,480	1.00	1.5	.50	.150	N	N	<10	500
BM102RK	37 29 31	118 7 47	400,110	4,149,860	.30	3.0	2.00	.300	N	N	70	300
BM103RK	37 26 5	118 7 40	400,210	4,143,490	5.00	3.0	1.00	.300	N	N	30	500
BM104RK	37 25 59	118 7 30	400,450	4,143,330	.20	3.0	1.00	.200	N	N	100	300
BM105RK	37 25 49	118 6 41	401,650	4,142,990	10.00	2.0	1.00	.300	N	N	100	200
BM106RK	37 26 15	118 6 26	402,040	4,143,790	10.00	2.0	1.00	.200	<.5	N	<10	150
BM107RK	37 26 13	118 6 27	402,000	4,143,720	1.50	3.0	1.50	.200	<.5	N	20	200
BM108RK	37 27 22	118 8 8	399,550	4,145,880	5.00	2.0	1.50	.200	N	N	50	300
BM109RK	37 27 53	118 5 38	403,240	4,146,800	.70	2.0	1.00	.200	N	N	50	150
BM110RK	37 26 48	118 4 28	404,940	4,144,760	.50	1.0	.30	.100	N	N	<10	700
BM111RK	37 26 45	118 4 30	404,900	4,144,670	.70	1.0	.30	.100	N	N	<10	500
BM112RK	37 26 44	118 3 29	406,400	4,144,650	2.00	3.0	.70	.500	N	N	<10	1,500
BM114RK	37 25 27	118 0 5	411,380	4,142,220	.50	1.0	.30	.100	N	N	10	300
BM115RK	37 24 58	118 0 15	411,140	4,141,310	1.00	.7	.20	.070	N	N	10	500
BM116RK	37 24 50	118 0 8	411,290	4,141,060	.50	1.0	.20	.100	N	N	<10	300
BM117RK	37 24 21	118 0 3	411,400	4,140,160	.70	1.0	.30	.150	N	N	10	700
BM118RK	37 28 28	118 11 51	394,100	4,148,000	.20	3.0	1.00	.500	N	N	50	300
BM119RK	37 26 43	118 12 33	393,030	4,144,780	.30	2.0	1.00	.300	N	N	30	200
BM120RK	37 25 53	118 13 3	392,280	4,143,220	.10	5.0	1.00	.300	N	N	50	300
BM121RK	37 21 1	118 7 10	400,850	4,134,130	20.00	.5	10.00	.015	N	N	N	20

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BM001RK	N	N	<10	<5	N	200	N	N	N	10	N
BM002RK	N	N	10	<5	20	200	N	N	<5	15	<5
BM003RK	1.5	15	70	20	70	300	N	<20	30	20	20
BM004RK	1.5	15	100	7	100	150	N	<20	30	15	20
BM005RK	1.0	15	100	10	50	300	N	N	30	20	15
BM006RK	1.0	7	10	5	50	200	N	N	10	20	7
BM007RK	1.5	7	10	5	100	200	N	N	10	30	7
BM008RK	1.0	10	10	5	50	500	N	N	15	20	7
BM009RK	2.0	7	10	5	70	300	N	N	10	20	10
BM010RK	1.0	20	20	7	100	300	N	N	30	15	15
BM011RK	1.0	15	20	7	100	300	<5	N	20	20	10
BM012RK	<1.0	N	N	N	N	200	N	N	N	<10	<5
BM013RK	2.0	15	100	10	70	500	N	20	50	30	20
BM014RK	N	N	15	N	N	200	N	N	5	10	5
BM015RK	N	N	10	N	<20	300	N	N	5	10	<5
BM016RK	2.0	N	N	<5	100	150	N	N	5	30	5
BM017RK	30.0	N	15	10	N	300	N	N	<5	10	5
BM018RK	N	N	<10	<5	N	150	N	N	N	10	N
BM019RK	1.0	10	30	5	20	200	5	<20	10	15	15
BM020RK	1.0	7	20	10	70	200	N	N	15	10	15
BM021RK	1.5	10	20	10	50	200	N	N	7	10	15
BM022RK	2.0	10	15	10	70	300	N	<20	7	20	10
BM023RK	3.0	10	20	20	150	500	N	<20	7	20	10
BM024RK	1.0	15	100	5	100	150	N	<20	30	15	20
BM025RK	<1.0	10	70	<5	50	100	N	N	10	<10	15
BM101RK	1.0	7	<10	<5	50	200	N	N	5	10	5
BM102RK	1.5	15	100	15	100	500	N	<20	30	20	20
BM103RK	1.5	15	100	15	70	200	N	<20	50	30	20
BM104RK	1.5	15	70	15	50	500	N	<20	30	30	20
BM105RK	1.5	15	100	10	70	300	N	<20	30	30	20
BM106RK	1.5	10	70	10	70	300	N	<20	30	50	15
BM107RK	1.5	15	100	10	70	300	N	<20	50	100	20
BM108RK	1.5	20	70	15	70	300	N	<20	50	20	20
BM109RK	1.0	10	50	7	30	150	5	<20	15	15	15
BM110RK	1.5	7	<10	10	70	150	15	N	7	50	5
BM111RK	1.5	5	10	<5	20	200	N	N	7	20	7
BM112RK	1.5	10	10	20	100	500	N	N	10	20	10
BM114RK	1.5	N	<10	<5	<20	100	N	N	7	20	5
BM115RK	1.0	<5	N	<5	<20	100	N	N	5	10	7
BM116RK	2.0	5	<10	<5	30	200	N	N	7	20	5
BM117RK	1.5	5	N	5	50	200	N	N	7	20	7
BM118RK	2.0	15	70	15	50	500	N	<20	30	20	20
BM119RK	1.0	7	50	<5	50	70	N	N	20	10	10
BM120RK	1.5	15	100	5	70	200	N	<20	50	N	20
BM121RK	<1.0	N	<10	7	N	700	N	N	5	15	N

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
BM001RK	N	<100	10	N	N	N	<10	.006	15	--
BM002RK	N	100	15	N	N	N	20	N	10	--
BM003RK	N	700	70	N	20	N	150	.007	70	--
BM004RK	N	300	70	N	20	N	150	N	75	--
BM005RK	N	700	50	N	20	N	70	N	65	--
BM006RK	N	500	70	N	<10	N	100	N	40	--
BM007RK	N	700	50	N	10	N	100	N	35	--
BM008RK	N	500	70	N	10	N	100	N	30	--
BM009RK	N	700	70	N	10	N	150	N	40	--
BM010RK	N	700	100	N	15	N	100	<.002	15	--
BM011RK	N	1,000	100	N	10	N	50	N	25	--
BM012RK	N	N	<10	N	N	N	15	N	5	--
BM013RK	N	500	70	N	20	N	100	<.002	100	--
BM014RK	N	100	15	N	10	N	50	N	20	--
BM015RK	N	150	10	N	<10	N	30	N	10	--
BM016RK	N	300	20	N	15	N	70	N	40	--
BM017RK	N	200	15	<50	10	N	30	<.002	130	--
BM018RK	N	300	10	N	10	N	20	.002	10	--
BM019RK	N	<100	70	<50	20	N	200	N	40	--
BM020RK	N	100	100	N	30	N	200	N	40	--
BM021RK	N	100	70	N	30	N	300	.004	50	--
BM022RK	N	500	50	N	20	N	150	N	35	--
BM023RK	N	300	50	N	20	N	150	N	35	--
BM024RK	N	N	70	N	30	N	1,000	N	50	--
BM025RK	N	N	50	N	20	N	700	N	20	--
BM101RK	N	500	50	N	10	N	100	N	45	--
BM102RK	N	200	70	N	20	N	150	<.002	80	--
BM103RK	N	700	70	N	20	N	200	.005	70	--
BM104RK	N	200	70	N	20	N	100	N	80	--
BM105RK	N	1,000	50	N	20	N	150	N	40	--
BM106RK	N	700	50	N	20	<200	100	N	120	--
BM107RK	N	300	70	N	20	200	100	.012	170	--
BM108RK	N	200	70	N	15	N	100	N	75	--
BM109RK	N	300	70	N	15	N	200	N	55	--
BM110RK	N	700	50	50	10	N	200	N	30	--
BM111RK	N	500	30	N	<10	N	70	N	25	--
BM112RK	N	1,000	100	N	15	N	70	N	30	--
BM114RK	N	500	50	N	<10	N	70	N	15	--
BM115RK	N	700	20	N	<10	N	70	N	20	--
BM116RK	N	500	30	N	<10	N	100	<.002	20	--
BM117RK	N	500	30	N	<10	N	70	N	30	--
BM118RK	N	150	100	N	20	N	150	N	95	--
BM119RK	N	N	70	N	15	N	300	.004	40	--
BM120RK	N	N	70	N	20	<200	150	N	85	--
BM121RK	N	100	10	N	N	N	15	N	20	--

Table 10. Data for rock samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BM123RK	37 21 2	118 7 3	401,010	4,134,160	20.00	.2	10.00	.010	N	N	N	<20
BM124RK	37 23 14	118 4 4	405,460	4,138,160	.10	5.0	1.00	.500	N	N	70	300
BM125RK	37 23 38	118 8 7	399,490	4,138,990	10.00	5.0	1.50	.300	N	N	15	300
BM126RK	37 23 41	118 8 9	399,460	4,139,070	10.00	3.0	1.00	.300	.5	N	50	300
BM127RK	37 22 53	118 7 14	400,790	4,137,590	.07	1.0	.30	.070	N	N	20	500
BM128RK	37 20 52	118 3 34	406,150	4,133,800	.20	5.0	2.00	.700	N	N	200	500
BM129RK	37 20 30	118 9 58	396,700	4,133,210	.10	5.0	1.00	.300	N	N	50	300
BM130RK	37 20 31	118 9 55	396,770	4,133,260	.20	5.0	1.50	1.000	N	N	70	500
BM131RK	37 19 41	118 9 6	397,950	4,131,710	.20	10.0	2.00	>1.000	N	N	30	100
BM132RK	37 19 41	118 9 2	398,050	4,131,710	20.00	.3	.50	.030	N	N	N	20
BM133RK	37 19 24	118 9 20	397,600	4,131,180	.10	.5	.30	>1.000	N	N	70	150
BM134RK	37 18 51	118 9 10	397,830	4,130,160	.50	3.0	.70	>1.000	N	N	15	70
BM135RK	37 17 28	118 13 10	391,890	4,127,670	20.00	.3	10.00	.010	N	N	N	N
BM136RK	37 17 25	118 14 1	390,630	4,127,600	.20	10.0	3.00	>1.000	N	N	30	300
BM137RK	37 17 29	118 14 3	390,600	4,127,710	.30	7.0	2.00	1.000	N	N	15	300
BM138RK	37 17 20	118 14 23	390,090	4,127,440	20.00	.2	10.00	.010	N	N	N	20
BM201RK	37 28 25	118 1 33	409,270	4,147,710	1.00	2.0	1.00	.200	N	N	10	700
BM202RK	37 28 0	118 0 49	410,360	4,146,920	5.00	5.0	5.00	.500	N	N	10	500
BM203RK	37 28 1	118 0 54	410,240	4,146,960	2.00	3.0	2.00	.500	N	N	10	500
BM204RK	37 27 51	118 0 19	411,090	4,146,650	1.50	1.5	.70	.150	N	N	<10	1,000
BM205RK	37 27 11	118 0 5	411,410	4,145,410	1.50	2.0	1.50	.500	N	N	15	1,000
BM206RK	37 29 11	118 13 58	390,990	4,149,350	.07	2.0	1.50	.500	N	N	150	200
BM207RK	37 29 9	118 13 56	391,060	4,149,290	20.00	.7	.50	.030	N	N	N	50
BM208RK	37 29 1	118 14 4	390,840	4,149,060	20.00	.7	1.00	.020	N	N	N	20
BM209RK	37 27 31	118 6 12	402,400	4,146,120	1.00	2.0	1.00	.500	N	N	50	300
BM210RK	37 26 6	118 5 20	403,650	4,143,500	20.00	.7	10.00	.020	N	N	N	20
BM211RK	37 25 52	118 4 50	404,400	4,143,060	.50	3.0	.70	1.000	N	N	10	150
BM212RK	37 27 5	118 6 45	401,580	4,145,340	1.50	3.0	1.00	.200	N	N	50	200
BM213RK	37 25 55	118 4 48	404,430	4,143,150	.50	1.0	.20	.100	N	N	20	500
BM214RK	37 25 48	118 3 55	405,730	4,142,920	.30	1.5	.50	.150	2.0	N	20	1,000
BM215RK	37 25 29	118 3 58	405,650	4,142,330	1.00	2.0	.70	.300	<.5	N	20	1,000
BM216RK	37 25 16	118 3 17	406,670	4,141,910	1.00	2.0	.70	.700	N	N	70	500
BM217RK	37 25 17	118 3 13	406,760	4,141,940	.50	3.0	1.00	.300	N	N	20	700
BM218RK	37 26 45	118 2 40	407,610	4,144,650	.30	1.5	.20	.150	N	N	50	1,000
BM219RK	37 26 20	118 2 35	407,710	4,143,890	.50	.7	.15	.070	N	N	20	500
BM220RK	37 25 33	118 1 26	409,390	4,142,400	2.00	3.0	.70	.500	N	N	10	1,000
BM221RK	37 27 43	118 14 49	389,720	4,146,670	20.00	1.5	1.50	.100	N	N	30	70
BM222RK	37 25 41	118 14 30	390,130	4,142,890	20.00	2.0	5.00	.050	N	N	10	70
BM223RK	37 21 26	118 5 37	403,130	4,134,880	20.00	.7	10.00	.005	N	N	N	<20
BM225RK	37 20 5	118 5 11	403,760	4,132,380	.15	5.0	1.00	1.000	N	N	15	200
BM227RK	37 19 5	118 6 27	401,850	4,130,540	.15	3.0	.70	1.000	N	N	30	300
BM228RK	37 17 37	118 11 22	394,570	4,127,930	.10	5.0	1.50	.500	N	N	150	500
BM231RK	37 17 42	118 12 11	393,360	4,128,070	>20.00	1.0	1.00	.030	N	N	N	50
BM232RK	37 25 10	118 13 25	391,710	4,141,930	.15	5.0	1.50	.500	N	N	150	300
BM501RK	37 28 56	118 2 30	407,900	4,148,690	.15	1.0	.20	.150	N	N	20	700

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BM123RK	<1.0	N	<10	5	N	300	N	N	N	N	<5
BM124RK	2.0	20	150	20	100	500	N	N	50	20	20
BM125RK	10.0	15	150	30	70	200	N	N	50	20	20
BM126RK	1.0	15	100	7	50	200	N	N	20	30	15
BM127RK	5.0	<5	N	7	50	150	N	N	5	15	5
BM128RK	1.5	20	200	20	100	300	N	<20	30	20	20
BM129RK	2.0	10	50	7	50	200	N	<20	20	15	15
BM130RK	2.0	15	100	5	70	200	N	20	30	15	20
BM131RK	1.0	30	100	150	50	500	N	20	50	<10	20
BM132RK	N	N	10	<5	N	700	N	N	<5	20	N
BM133RK	1.0	15	70	5	50	150	N	20	5	<10	15
BM134RK	<1.0	15	30	5	70	300	N	20	10	N	15
BM135RK	N	N	10	N	N	300	N	N	N	N	N
BM136RK	<1.0	50	100	<5	30	500	N	20	30	10	30
BM137RK	1.0	20	30	20	20	300	N	N	30	10	20
BM138RK	N	N	N	N	N	150	N	N	N	N	N
BM201RK	2.0	10	10	5	100	300	N	N	15	30	10
BM202RK	<1.0	20	700	30	70	500	N	N	150	10	30
BM203RK	2.0	15	100	10	100	500	N	<20	50	20	15
BM204RK	2.0	7	10	7	150	200	N	N	10	20	7
BM205RK	1.5	15	15	7	100	300	N	N	20	30	15
BM206RK	2.0	10	100	15	100	150	N	<20	30	<10	20
BM207RK	N	7	15	50	<20	500	N	N	10	15	5
BM208RK	N	N	<10	<5	N	200	N	N	N	10	N
BM209RK	1.5	7	70	7	100	200	7	<20	20	10	20
BM210RK	<1.0	N	<10	<5	N	1,000	N	N	N	<10	N
BM211RK	1.0	20	50	30	20	300	N	<20	20	10	20
BM212RK	2.0	15	70	10	50	200	N	<20	30	20	10
BM213RK	1.0	<5	<10	<5	70	100	N	N	7	20	5
BM214RK	5.0	5	10	20	30	200	N	N	5	20	5
BM215RK	1.5	7	15	5	70	200	N	N	15	20	7
BM216RK	1.0	10	10	15	100	300	N	<20	7	20	5
BM217RK	3.0	10	10	20	70	150	N	N	10	15	7
BM218RK	<1.0	5	10	50	70	150	N	N	10	20	10
BM219RK	1.0	<5	<10	<5	70	100	N	N	7	15	<5
BM220RK	1.5	15	10	15	100	500	N	N	15	20	10
BM221RK	<1.0	10	50	5	30	300	N	N	15	20	10
BM222RK	<1.0	<5	20	<5	<20	300	N	N	10	30	7
BM223RK	N	N	<10	5	N	300	N	N	5	15	N
BM225RK	<1.0	20	50	10	30	200	N	<20	20	20	15
BM227RK	1.0	15	30	7	70	500	N	20	7	10	20
BM228RK	1.5	20	150	7	100	150	N	<20	30	15	20
BM231RK	N	N	15	<5	N	200	N	N	5	20	5
BM232RK	1.5	20	100	5	100	200	N	<20	50	10	30
BM501RK	1.5	5	10	<5	70	100	N	N	7	50	5

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
BM123RK	N	100	10	N	<10	N	20	N	10	--
BM124RK	N	100	70	N	30	200	70	N	95	--
BM125RK	N	700	70	N	20	N	100	N	55	--
BM126RK	N	500	50	N	20	N	100	<.002	50	--
BM127RK	N	100	20	N	<10	N	100	N	5	--
BM128RK	N	150	70	N	20	N	100	N	70	--
BM129RK	N	N	70	N	20	<200	150	N	55	--
BM130RK	N	N	100	N	20	<200	200	N	60	--
BM131RK	N	N	150	N	30	<200	200	N	65	--
BM132RK	N	300	15	N	N	N	15	N	20	--
BM133RK	N	N	100	N	20	N	300	N	5	--
BM134RK	N	N	100	N	50	<200	1,000	N	25	--
BM135RK	N	<100	<10	N	N	N	N	N	5	--
BM136RK	N	N	200	N	50	<200	200	N	40	--
BM137RK	N	<100	150	N	30	<200	150	N	60	--
BM138RK	N	N	<10	N	N	N	N	N	5	--
BM201RK	N	700	70	N	<10	N	100	N	30	--
BM202RK	N	500	150	N	20	N	100	N	55	--
BM203RK	N	700	100	N	15	N	100	<.002	35	--
BM204RK	N	500	50	N	10	N	100	N	30	--
BM205RK	N	700	70	N	10	N	100	N	30	--
BM206RK	N	100	70	N	20	N	100	.003	45	--
BM207RK	N	300	20	N	15	N	20	N	10	--
BM208RK	N	700	15	N	<10	N	15	N	10	--
BM209RK	N	500	70	N	20	N	200	<.002	50	--
BM210RK	N	100	10	N	10	N	10	N	20	--
BM211RK	N	100	100	N	30	N	100	N	35	--
BM212RK	N	500	70	N	15	N	150	N	30	--
BM213RK	N	500	30	N	N	N	50	N	15	--
BM214RK	N	200	70	N	<10	N	50	.018	10	--
BM215RK	N	700	70	N	<10	N	70	N	20	--
BM216RK	N	500	100	N	15	N	150	N	15	--
BM217RK	N	500	70	N	<10	N	100	N	40	--
BM218RK	N	700	50	N	<10	N	20	N	5	--
BM219RK	N	500	15	N	<10	N	70	N	10	--
BM220RK	N	1,000	100	N	10	N	70	.002	25	--
BM221RK	N	200	50	N	15	N	100	N	15	--
BM222RK	N	500	20	N	10	N	50	N	60	--
BM223RK	N	100	10	N	N	N	10	N	25	--
BM225RK	N	<100	100	N	20	N	200	<.002	75	.16
BM227RK	N	100	100	N	70	N	1,000	N	60	.33
BM228RK	N	N	100	N	30	N	500	N	60	--
BM231RK	N	500	15	N	15	N	50	N	10	--
BM232RK	N	N	70	N	30	N	100	N	65	--
BM301RK	N	500	50	N	<10	N	50	N	25	--

Table 10. Data for rock samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BM302RK	37 29 0	118 2 32	407,850	4,148,800	.20	1.5	.50	.150	N	N	50	500
BM303RK	37 25 33	118 9 9	398,020	4,142,530	15.00	.3	10.00	.010	N	N	N	N
BM304RK	37 25 58	118 9 9	398,030	4,143,310	15.00	.5	10.00	.010	N	N	N	N
BM305RK	37 26 8	118 8 59	398,280	4,143,630	.70	2.0	1.00	.300	N	N	50	200
BM306RK	37 26 15	118 9 2	398,200	4,143,850	.20	3.0	1.00	.300	N	N	70	300
BM307RK	37 24 58	118 2 20	408,050	4,141,360	2.00	2.0	.70	.500	N	N	<10	500
BM308RK	37 24 32	118 2 22	407,990	4,140,550	.50	1.5	.50	.150	N	N	<10	700
BM309RK	37 24 9	118 2 35	407,660	4,139,850	1.00	1.5	.50	.700	.5	N	10	1,000
BM310RK	37 23 26	118 2 48	407,340	4,138,530	1.00	2.0	.70	.500	N	N	10	700
BM311RK	37 22 58	118 1 20	409,490	4,137,650	2.00	2.0	1.00	.500	N	N	<10	700
BM312RK	37 23 38	118 12 31	393,000	4,139,060	.20	3.0	1.00	.500	N	N	70	300
BM313RK	37 23 47	118 12 28	393,090	4,139,330	.05	3.0	1.00	.500	N	N	70	300
BM314RK	37 24 3	118 13 15	391,940	4,139,860	.10	3.0	1.00	.500	N	N	70	300
BM315RK	37 24 9	118 13 32	391,510	4,140,040	.20	3.0	1.00	.500	N	N	70	300
BM316RK	37 18 47	118 10 20	396,120	4,130,040	.10	1.5	.10	.500	.7	N	20	200
BM317RK	37 18 56	118 9 58	396,650	4,130,330	.15	3.0	1.00	.300	N	N	15	200
BM318RK	37 18 46	118 9 19	397,620	4,130,010	.15	5.0	1.00	.700	N	N	30	200
BM319RK	37 19 14	118 9 30	397,350	4,130,880	.10	7.0	1.50	.700	N	N	20	150
BM320RK	37 18 58	118 9 14	397,740	4,130,360	.15	3.0	.70	1.000	N	N	20	200
BM321RK	37 21 52	118 12 17	393,310	4,135,790	20.00	.5	1.50	.020	N	N	N	<20
BM322RK	37 21 52	118 12 22	393,190	4,135,790	20.00	.5	.70	.050	N	N	N	20
BM323RK	37 20 29	118 12 14	393,340	4,133,240	20.00	.5	10.00	.010	N	N	N	N
BM324RK	37 20 30	118 12 18	393,240	4,133,270	10.00	.5	10.00	.010	N	N	N	<20
BM325RK	37 19 51	118 12 52	392,410	4,132,060	15.00	.7	7.00	.005	N	N	N	N
BM326RK	37 19 27	118 12 58	392,250	4,131,350	.20	5.0	1.50	>1.000	N	N	15	200
BM327RK	37 19 27	118 13 3	392,120	4,131,330	.70	10.0	1.50	.500	N	N	50	200
BM328RK	37 19 19	118 13 4	392,090	4,131,100	.30	.7	.50	.300	N	N	70	100
BM329RK	37 22 1	118 14 52	389,490	4,136,110	.10	7.0	1.50	.500	N	N	100	200
BM330RK	37 15 3	118 12 19	393,090	4,123,180	.70	5.0	1.00	.500	N	N	70	500
BM331RK	37 15 0	118 10 29	395,800	4,123,070	.10	1.5	.50	.200	N	N	10	50
BM332RK	37 15 7	118 9 47	396,840	4,123,270	.15	3.0	1.00	.300	N	N	100	300
BM333RK	37 15 54	118 9 23	397,450	4,124,710	10.00	2.0	1.00	.200	N	N	50	100
BM334RK	37 15 3	118 12 14	393,210	4,123,200	.30	5.0	1.00	.700	N	N	100	500
DM003RK	37 46 17	118 14 22	390,820	4,180,970	.30	.5	.10	.050	N	N	<10	70
DM005RK	37 47 28	118 12 26	393,690	4,183,140	7.00	10.0	3.00	1.000	N	N	15	500
DM102RK	37 45 23	118 13 40	391,830	4,179,290	>20.00	.3	2.00	.020	N	N	<10	<20
DM103RK	37 46 25	118 12 59	392,860	4,181,200	.30	.3	.10	.050	N	N	<10	200
DM201RK	37 46 24	118 12 57	392,900	4,181,160	.50	1.0	.10	.100	N	N	10	500
DM301RK	37 50 29	118 14 2	391,420	4,188,730	1.50	3.0	1.50	.500	N	N	15	700
MB001RK	37 44 45	118 12 16	393,880	4,178,100	2.00	2.0	1.00	.300	N	N	<10	700
MB002RK	37 44 44	118 11 2	395,690	4,178,040	.50	1.0	.30	.100	N	N	<10	300
MB003RK	37 44 35	118 10 56	395,820	4,177,770	1.00	2.0	.70	.200	N	N	10	1,000
MB004RK	37 43 6	118 14 22	390,760	4,175,100	2.00	2.0	1.00	.500	N	N	10	500
MB005RK	37 42 20	118 12 39	393,260	4,173,640	.70	1.0	.20	.100	N	N	<10	1,000
MB007RK	37 38 55	118 12 55	392,790	4,167,330	1.00	1.0	.20	.100	N	N	<10	500

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BM302RK	1.0	10	10	<5	70	100	7	N	15	30	5
BM303RK	N	N	<10	<5	N	700	N	N	N	N	N
BM304RK	N	N	<10	<5	<20	700	N	N	N	<10	<5
BM305RK	2.0	15	70	10	70	150	N	<20	30	20	15
BM306RK	2.0	15	100	15	70	150	7	<20	50	15	20
BM307RK	1.5	10	<10	10	70	500	N	N	10	20	10
BM308RK	2.0	7	<10	5	70	300	N	N	5	15	7
BM309RK	<1.0	7	<10	20	100	700	<5	<20	5	20	7
BM310RK	1.0	15	15	5	100	300	N	N	10	15	7
BM311RK	1.0	15	10	7	70	300	N	N	10	15	10
BM312RK	1.5	15	50	10	50	500	N	<20	30	20	15
BM313RK	2.0	7	70	15	50	300	N	N	30	10	20
BM314RK	2.0	20	70	20	100	300	N	<20	50	10	20
BM315RK	2.0	15	70	10	50	500	N	<20	20	<10	20
BM316RK	<1.0	N	20	2,000	<20	150	N	<20	5	20	7
BM317RK	1.5	15	30	5	<20	150	N	<20	20	10	15
BM318RK	1.5	20	50	7	50	200	N	<20	50	10	20
BM319RK	1.5	30	50	10	30	500	N	20	30	10	20
BM320RK	1.0	20	50	70	50	300	N	20	30	10	20
BM321RK	N	N	10	<5	N	300	N	N	<5	15	<5
BM322RK	N	N	<10	N	N	300	N	N	N	15	N
BM323RK	N	N	<10	<5	N	300	N	N	N	<10	N
BM324RK	<1.0	N	15	<5	<20	500	N	N	<5	20	N
BM325RK	N	N	10	<5	N	500	N	N	N	10	N
BM326RK	1.0	20	100	<5	50	200	N	20	30	<10	30
BM327RK	3.0	15	70	7	70	200	N	<20	20	10	20
BM328RK	1.0	N	50	<5	20	100	N	N	N	N	10
BM329RK	1.0	20	100	15	70	300	N	<20	30	20	20
BM330RK	2.0	15	70	10	100	300	N	<20	50	15	20
BM331RK	1.5	N	30	N	20	100	N	<20	10	N	15
BM332RK	2.0	15	50	10	70	300	N	<20	30	20	20
BM333RK	1.0	<5	30	30	50	1,000	N	N	15	10	10
BM334RK	1.5	20	100	30	100	500	N	<20	30	15	20
DM003RK	2.0	<5	<10	<5	N	100	N	<20	5	20	<5
DM005RK	<1.0	30	200	30	70	500	N	N	50	20	30
DM102RK	N	N	10	<5	N	150	N	N	N	15	5
DM103RK	2.0	N	N	N	N	100	N	<20	5	30	<5
DM201RK	1.5	<5	N	<5	100	150	N	<20	7	20	<5
DM301RK	1.5	15	30	15	50	700	N	<20	20	20	15
MB001RK	1.5	10	10	20	100	300	N	<20	7	20	7
MB002RK	1.5	5	N	<5	50	300	N	N	5	15	5
MB003RK	5.0	5	<10	10	70	500	N	<20	<5	15	15
MB004RK	2.0	15	15	<5	30	1,000	N	<20	15	<10	15
MB005RK	2.0	N	<10	5	30	300	N	N	5	20	5
MB007RK	2.0	<5	N	<5	70	300	N	<20	7	20	5

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
BM302RK	N	500	50	<50	10	N	100	<.002	30	--
BM303RK	N	100	10	N	N	N	<10	N	10	--
BM304RK	N	100	10	N	N	N	10	<.002	10	--
BM305RK	N	200	70	N	20	N	200	N	65	--
BM306RK	N	500	70	N	15	N	150	.002	70	--
BM307RK	N	1,000	70	N	15	N	100	N	40	.50
BM308RK	N	500	50	N	<10	N	100	N	45	.32
BM309RK	N	2,000	50	N	15	N	70	N	15	.37
BM310RK	N	700	70	N	10	N	70	N	60	.46
BM311RK	N	1,000	70	N	15	N	100	.003	55	.36
BM312RK	N	100	70	N	20	N	200	N	55	.36
BM313RK	N	100	70	N	20	N	100	N	90	1.00
BM314RK	N	<100	70	N	20	N	150	<.002	85	.52
BM315RK	N	<100	70	N	30	N	200	.003	75	.45
BM316RK	N	<100	50	N	15	N	200	.002	5	.15
BM317RK	N	100	70	N	20	N	100	N	30	.09
BM318RK	N	150	100	N	30	<200	150	N	45	.13
BM319RK	N	N	150	N	20	<200	200	<.002	90	.25
BM320RK	N	100	100	N	30	N	200	N	60	.26
BM321RK	N	500	10	N	15	N	15	N	10	--
BM322RK	N	2,000	10	N	<10	N	20	N	10	--
BM323RK	N	N	10	N	<10	N	20	N	10	--
BM324RK	N	N	15	N	N	N	<10	N	15	--
BM325RK	N	N	10	N	<10	N	10	N	10	--
BM326RK	N	100	150	N	30	N	200	N	30	--
BM327RK	N	<100	70	N	30	N	100	N	55	--
BM328RK	N	N	50	N	10	N	1,000	N	10	--
BM329RK	N	N	50	N	50	N	300	N	60	--
BM330RK	N	200	70	N	30	N	200	N	55	--
BM331RK	N	100	50	N	20	N	300	N	10	--
BM332RK	N	150	70	N	20	N	150	N	45	--
BM333RK	N	150	30	N	30	N	300	N	40	--
BM334RK	N	150	100	N	20	N	100	N	50	--
DM003RK	N	100	10	N	N	N	30	N	10	--
DM005RK	N	700	150	N	20	N	70	N	35	--
DM102RK	N	1,000	15	N	<10	N	20	N	5	--
DM103RK	N	150	10	N	<10	N	50	N	10	--
DM201RK	N	500	20	N	<10	N	100	N	10	--
DM301RK	N	500	70	N	15	N	150	.003	30	--
MB001RK	N	500	70	N	10	N	150	N	60	--
MB002RK	N	500	50	N	10	N	100	N	50	--
MB003RK	N	700	50	N	15	N	100	N	80	--
MB004RK	N	300	70	N	20	N	150	N	20	--
MB005RK	N	500	20	N	10	N	100	.002	40	--
MB007RK	N	500	30	N	10	N	100	N	55	--

Table 10. Data for rock samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
MB008RK	37 39 53	118 12 11	393,890	4,169,100	1.00	1.0	.20	.070	N	N	<10	500
MB010RK	37 39 48	118 9 35	397,690	4,168,890	.50	.7	.15	.070	N	N	<10	700
MB011RK	37 39 26	118 8 14	399,680	4,168,190	2.00	1.0	.50	.100	N	N	<10	300
MB012RK	37 37 47	118 11 50	394,340	4,165,210	1.00	1.0	.15	.070	N	N	<10	700
MB014RK	37 38 16	118 10 33	396,250	4,166,100	.70	.7	.15	.070	N	N	<10	500
MB016RK	37 38 58	118 9 28	397,850	4,167,370	1.00	.7	.20	.100	N	N	N	700
MB017RK	37 39 4	118 8 27	399,360	4,167,530	1.50	2.0	1.00	.200	N	N	30	500
MB018RK	37 30 28	118 10 59	395,430	4,151,680	20.00	.2	10.00	.010	N	N	N	N
MB019RK	37 30 33	118 10 56	395,490	4,151,820	10.00	.5	10.00	.005	N	N	N	<20
MB020RK	37 30 59	118 10 15	396,520	4,152,600	3.00	3.0	1.50	.150	N	200	15	150
MB021RK	37 31 42	118 9 46	397,240	4,153,940	10.00	2.0	1.00	.200	N	N	10	200
MB022RK	37 31 49	118 9 48	397,190	4,154,150	10.00	3.0	1.50	.300	N	N	15	200
MB023RK	37 32 40	118 5 9	404,060	4,155,620	3.00	5.0	3.00	1.000	N	N	<10	500
MB024RK	37 32 44	118 5 12	403,990	4,155,770	5.00	5.0	5.00	.700	N	N	<10	500
MB027RK	37 33 11	118 1 39	409,230	4,156,530	1.00	2.0	.70	.200	N	N	<10	1,500
MB028RK	37 33 5	118 1 46	409,060	4,156,360	.50	1.0	.30	.100	N	N	<10	700
MB030RK	37 43 45	118 9 30	397,920	4,176,220	.50	1.5	.50	.150	N	N	<10	1,500
MB101RK	37 43 14	118 12 36	393,360	4,175,310	.30	.5	.10	.070	N	N	10	500
MB109RK	37 37 28	118 10 27	396,380	4,164,611	.50	.7	.20	.070	N	N	<10	700
MB110RK	37 37 36	118 10 0	397,030	4,164,839	1.00	.7	.20	.100	N	N	<10	700
MB111RK	37 37 41	118 9 45	397,410	4,165,000	.30	.7	.20	.100	N	N	<10	500
MB115RK	37 35 0	118 2 48	407,580	4,159,920	1.00	1.5	1.00	.150	N	N	<10	700
MB116RK	37 34 34	118 2 25	408,130	4,159,110	1.00	1.0	.50	.100	N	N	<10	300
MB123RK	37 31 55	118 8 34	399,030	4,154,310	1.00	1.5	.70	.200	N	N	10	700
MB128RK	37 31 58	118 0 1	411,610	4,154,260	1.50	1.5	1.00	.150	N	N	<10	1,500
MB129RK	37 30 17	118 8 57	398,420	4,151,290	.05	3.0	1.00	.500	N	N	100	500
MB130RK	37 30 15	118 8 58	398,400	4,151,220	.20	3.0	1.00	.200	N	N	20	150
MB131RK	37 30 13	118 8 32	399,020	4,151,160	.30	.5	.20	.070	N	N	10	100
MB132RK	37 32 51	118 0 29	410,940	4,155,900	.30	1.0	.20	.100	N	N	<10	1,000
MB133RK	37 43 1	118 8 51	398,850	4,174,830	10.00	.2	10.00	.010	N	N	N	N
MB134RK	37 38 55	118 9 25	397,930	4,167,270	1.00	1.0	.30	.100	.5	N	<10	300
MB135RK	37 40 1	118 10 33	396,290	4,169,330	.70	.7	.20	.070	N	N	10	300
MB201RK	37 44 51	118 13 54	391,490	4,178,310	7.00	3.0	1.00	.200	N	N	<10	300
MB202RK	37 43 17	118 12 33	393,430	4,175,410	1.00	3.0	1.00	.700	.7	N	10	500
MB203RK	37 42 51	118 11 40	394,720	4,174,580	.70	1.5	1.00	.500	N	N	<10	150
MB204RK	37 43 1	118 11 11	395,430	4,174,880	10.00	3.0	1.50	.200	N	N	20	150
MB205RK	37 41 46	118 14 4	391,160	4,172,630	<.05	.7	.15	.200	.7	N	10	1,000
MB206RK	37 41 48	118 14 6	391,100	4,172,700	.50	3.0	1.50	.500	N	N	N	300
MB207RK	37 42 14	118 12 41	393,200	4,173,460	.70	1.0	.30	.100	N	N	N	2,000
MB208RK	37 36 51	118 9 58	397,060	4,163,463	.20	.7	.20	.100	N	N	<10	500
MB209RK	37 37 57	118 8 33	399,180	4,165,469	1.50	3.0	1.00	.500	N	N	70	500
MB210RK	37 37 53	118 8 33	399,190	4,165,351	2.00	3.0	1.00	.500	N	N	10	500
MB211RK	37 39 22	118 8 7	399,850	4,168,090	.50	1.0	.20	.070	N	N	<10	500
MB212RK	37 39 29	118 6 39	402,000	4,168,270	.70	.7	.15	.070	N	N	<10	700
MB213RK	37 39 53	118 6 21	402,460	4,169,010	1.50	1.0	.50	.100	N	N	<10	300

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
MB008RK	2.0	5	N	5	<20	300	N	N	<5	20	5
MB010RK	2.0	N	<10	<5	<20	300	N	<20	5	30	5
MB011RK	2.0	N	N	<5	70	300	N	<20	N	20	5
MB012RK	2.0	N	N	<5	20	300	N	N	5	30	5
MB014RK	3.0	N	<10	<5	<20	300	N	<20	5	20	<5
MB016RK	2.0	N	N	<5	50	300	N	N	5	30	N
MB017RK	1.5	10	20	10	50	500	N	<20	15	20	15
MB018RK	N	N	N	<5	N	300	N	N	N	15	N
MB019RK	N	N	<10	<5	N	1,000	N	N	N	N	N
MB020RK	2.0	15	50	20	50	500	N	N	20	50	20
MB021RK	1.5	15	70	10	70	700	N	<20	30	<10	20
MB022RK	2.0	20	100	20	70	500	N	<20	50	10	20
MB023RK	1.0	30	200	30	70	700	N	<20	100	15	30
MB024RK	<1.0	30	200	20	50	700	N	N	70	10	20
MB027RK	1.0	7	15	7	50	500	N	N	10	30	7
MB028RK	1.5	<5	10	<5	20	200	N	<20	7	20	5
MB030RK	2.0	7	10	15	50	200	N	N	7	30	5
MB101RK	2.0	N	N	<5	N	300	N	<20	5	30	N
MB109RK	3.0	<5	N	<5	20	200	N	<20	5	20	5
MB110RK	2.0	N	N	<5	N	150	N	N	5	20	N
MB111RK	5.0	5	<10	<5	<20	300	N	<20	7	20	5
MB115RK	2.0	7	10	5	50	700	N	N	15	20	7
MB116RK	3.0	10	<10	5	20	300	N	N	7	20	5
MB123RK	1.5	7	15	5	50	200	N	N	10	20	7
MB128RK	1.0	10	10	20	70	1,000	N	N	10	20	7
MB129RK	2.0	15	100	30	100	150	N	<20	50	20	30
MB130RK	1.5	15	70	20	50	500	N	N	50	50	15
MB131RK	<1.0	5	10	10	<20	200	N	N	10	50	<5
MB132RK	2.0	5	N	<5	100	500	N	N	<5	30	5
MB133RK	<1.0	N	N	<5	N	200	N	N	N	<10	N
MB134RK	2.0	N	<10	<5	50	200	N	<20	5	30	5
MB135RK	3.0	N	N	<5	50	150	N	N	5	20	5
MB201RK	1.5	20	70	30	70	500	50	N	30	N	15
MB202RK	1.0	15	70	15	70	500	N	N	20	10	20
MB203RK	2.0	7	20	5	N	300	N	20	5	10	10
MB204RK	1.5	15	100	15	100	500	N	<20	30	15	20
MB205RK	1.0	N	10	<5	50	700	<5	<20	5	30	7
MB206RK	1.5	20	70	10	50	700	N	N	50	20	20
MB207RK	7.0	<5	N	<5	70	500	N	<20	5	50	5
MB208RK	3.0	5	N	<5	<20	500	N	<20	5	50	<5
MB209RK	3.0	20	15	20	70	700	N	<20	10	30	20
MB210RK	1.0	20	<10	15	100	500	N	N	10	15	15
MB211RK	3.0	5	<10	<5	20	150	N	N	5	20	5
MB212RK	5.0	N	<10	N	50	200	N	N	5	20	5
MB213RK	2.0	5	N	7	50	500	N	N	5	20	5

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
MB008RK	N	500	30	N	10	N	70	N	40	--
MB010RK	N	300	20	N	10	N	50	<.002	30	--
MB011RK	N	500	30	N	10	N	200	N	45	--
MB012RK	N	500	30	N	<10	N	70	N	40	--
MB014RK	N	300	20	N	<10	N	50	<.002	40	--
MB016RK	N	500	20	N	N	N	100	N	20	--
MB017RK	N	500	70	N	20	N	100	N	40	--
MB018RK	N	100	<10	N	N	N	<10	N	10	--
MB019RK	N	N	<10	N	N	N	<10	.010	10	--
MB020RK	N	500	50	N	20	N	100	.003	85	--
MB021RK	N	700	50	N	20	N	100	<.002	20	--
MB022RK	N	1,000	70	N	30	N	100	N	25	--
MB023RK	N	700	100	N	20	N	100	N	60	--
MB024RK	N	700	100	N	15	N	100	N	55	--
MB027RK	N	700	70	N	10	N	150	<.002	40	--
MB028RK	N	500	50	N	10	N	70	N	25	--
MB030RK	N	500	50	N	<10	N	70	N	60	--
MB101RK	N	300	10	N	<10	N	70	N	10	--
MB109RK	N	500	20	N	<10	N	100	N	30	--
MB110RK	N	500	20	N	<10	N	100	N	30	--
MB111RK	N	500	20	N	N	N	70	N	45	--
MB115RK	N	500	50	N	<10	N	70	N	30	--
MB116RK	N	700	50	N	<10	N	50	.017	35	--
MB123RK	N	500	70	N	10	N	70	N	30	--
MB128RK	N	700	70	N	<10	N	100	N	35	--
MB129RK	N	150	100	N	20	N	100	.002	85	--
MB130RK	N	200	70	N	20	<200	200	.013	120	--
MB131RK	N	150	20	N	<10	N	70	<.002	100	--
MB132RK	N	300	30	N	<10	N	100	N	15	--
MB133RK	N	100	<10	N	N	N	N	N	10	--
MB134RK	N	500	30	N	<10	N	100	N	50	--
MB135RK	N	300	20	N	<10	N	100	N	40	--
MB201RK	N	1,000	70	N	20	<200	100	.002	35	--
MB202RK	N	500	100	N	20	N	100	<.002	65	--
MB203RK	10	100	30	N	15	N	300	N	10	--
MB204RK	N	700	70	N	30	N	100	N	15	--
MB205RK	N	100	30	N	15	N	150	.002	<5	--
MB206RK	N	200	100	N	20	200	100	<.002	200	--
MB207RK	N	500	50	N	10	N	100	N	35	--
MB208RK	N	300	20	N	N	N	100	N	35	--
MB209RK	N	500	70	N	15	N	100	N	50	--
MB210RK	N	700	100	N	20	<200	70	N	60	--
MB211RK	N	200	30	N	10	N	70	N	10	--
MB212RK	N	500	20	N	<10	N	70	N	35	--
MB213RK	N	500	30	N	<10	N	70	N	40	--

Table 10. Data for rock samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
MB214RK	37 40 46	118 6 24	402,400	4,170,640	1.00	1.0	.30	.100	N	N	<10	300
MB215RK	37 34 15	118 5 53	403,020	4,158,560	.50	.7	.10	.070	N	N	<10	500
MB216RK	37 34 29	118 4 49	404,590	4,159,000	.50	.7	.15	.050	N	N	<10	300
MB217RK	37 34 32	118 4 51	404,550	4,159,090	.50	.5	.15	.050	N	N	10	300
MB218RK	37 38 25	118 5 23	403,850	4,166,274	20.00	1.0	10.00	.020	N	N	<10	N
MB219RK	37 38 51	118 5 15	404,060	4,167,080	10.00	.5	7.00	.020	N	N	N	<20
MB220RK	37 39 2	118 5 24	403,830	4,167,420	.70	1.0	.20	.100	N	N	<10	700
MB221RK	37 34 8	118 12 28	393,340	4,158,480	.10	2.0	1.00	.500	N	N	30	200
MB222RK	37 33 28	118 10 26	396,310	4,157,210	1.00	1.5	.70	.150	N	N	10	700
MB223RK	37 32 46	118 10 14	396,590	4,155,910	1.50	2.0	1.50	.300	N	N	10	500
MB224RK	37 32 41	118 10 14	396,590	4,155,740	.30	.5	.10	.030	N	N	10	70
MB225RK	37 41 50	118 7 24	400,950	4,172,630	.20	5.0	1.50	1.000	N	N	50	200
MB226RK	37 32 52	118 8 38	398,930	4,156,060	3.00	5.0	3.00	.500	N	N	10	1,000
MB227RK	37 31 57	118 8 29	399,130	4,154,360	.50	1.0	.20	.150	N	N	10	700
MB229RK	37 30 45	118 2 25	408,040	4,152,030	1.50	1.5	.70	.150	N	N	<10	1,000
MB231RK	37 30 31	118 0 2	411,550	4,151,570	.50	1.0	.15	.100	N	N	10	500
MB232RK	37 41 11	118 8 38	399,130	4,171,430	10.00	3.0	.70	.200	N	N	<10	200
MB301RK	37 39 25	118 13 56	391,290	4,168,260	.70	1.0	.20	.150	N	N	<10	500
MB302RK	37 39 27	118 14 0	391,200	4,168,350	1.50	3.0	2.00	.700	N	N	<10	500
MB303RK	37 41 14	118 10 16	396,740	4,171,550	1.00	1.5	.70	.100	N	N	<10	500
MB304RK	37 41 17	118 10 16	396,740	4,171,670	.50	5.0	1.50	1.000	N	N	N	1,000
MB305RK	37 41 9	118 8 34	399,220	4,171,370	10.00	.2	10.00	.002	N	N	N	20
MB306RK	37 42 23	118 8 39	399,130	4,173,670	1.50	1.5	.50	.200	N	N	10	500
MB308RK	37 36 17	118 7 35	400,560	4,162,369	.30	1.0	.20	.100	N	N	<10	500
MB309RK	37 36 18	118 7 38	400,490	4,162,404	.70	.7	.20	.100	N	N	<10	500
MB310RK	37 36 39	118 7 13	401,120	4,163,026	.50	1.0	.10	.100	N	N	<10	700
MB311RK	37 36 40	118 6 25	402,300	4,163,058	.50	.5	.20	.070	N	N	N	500
MB312RK	37 36 50	118 5 17	403,950	4,163,339	1.00	1.5	.50	.300	N	N	<10	700
MB313RK	37 36 48	118 5 18	403,930	4,163,274	1.00	1.0	.70	.300	N	N	<10	1,000
MB315RK	37 34 40	118 7 10	401,150	4,159,370	.15	.5	.05	.070	N	N	<10	50
MB317RK	37 35 54	118 5 40	403,370	4,161,635	.70	1.0	.50	.100	N	N	<10	300
MB318RK	37 35 53	118 5 43	403,310	4,161,580	.30	.7	.15	.070	N	N	<10	300
MB319RK	37 36 0	118 4 29	405,120	4,161,800	.15	.7	.10	.050	N	N	<10	150
MB320RK	37 35 57	118 4 29	405,120	4,161,703	.15	.7	.10	.050	N	N	<10	150
MB321RK	37 32 12	118 10 26	396,280	4,154,850	20.00	.2	10.00	.015	N	N	N	30
MB322RK	37 31 50	118 8 15	399,480	4,154,140	1.00	2.0	.70	.300	N	N	15	500
MB323RK	37 31 48	118 7 51	400,060	4,154,070	1.00	1.0	.50	.200	N	N	10	1,000
MB324RK	37 31 44	118 7 39	400,360	4,153,960	1.00	1.5	.70	.200	N	N	10	1,000
MB325RK	37 31 39	118 7 8	401,120	4,153,780	1.00	2.0	.70	.200	N	N	10	500
MB326RK	37 31 27	118 4 49	404,540	4,153,370	.10	2.0	.30	.300	N	N	20	500
MB327RK	37 30 41	118 4 15	405,340	4,151,950	.70	1.5	.70	.150	N	N	<10	1,500
MB328RK	37 30 46	118 4 18	405,280	4,152,120	1.00	1.5	.70	.200	N	N	<10	1,000
MB329RK	37 30 2	118 3 48	406,010	4,150,750	.50	.7	.15	.070	N	N	<10	300
MB330RK	37 30 58	118 14 12	390,700	4,152,640	.70	3.0	1.00	.500	N	N	30	200
MB331RK	37 30 59	118 14 14	390,650	4,152,690	.15	2.0	1.00	.500	N	N	50	300

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
MB214RK	3.0	5	<10	<5	50	500	N	N	7	20	5
MB215RK	1.5	5	<10	5	20	150	N	N	7	20	<5
MB216RK	1.5	<5	N	<5	<20	200	N	N	<5	20	N
MB217RK	2.0	N	N	<5	30	100	N	N	5	15	<5
MB218RK	<1.0	<5	<10	7	N	150	10	N	<5	<10	N
MB219RK	<1.0	N	10	<5	N	700	N	N	N	15	N
MB220RK	5.0	N	<10	5	50	300	N	N	5	30	5
MB221RK	2.0	10	50	7	70	1,000	N	<20	20	10	15
MB222RK	1.5	10	10	5	50	700	N	N	10	20	7
MB223RK	2.0	10	30	7	70	700	N	N	20	20	10
MB224RK	3.0	N	<10	5	50	150	N	N	7	20	N
MB225RK	2.0	20	50	30	50	500	N	<20	30	15	20
MB226RK	1.0	20	50	100	100	700	N	<20	30	30	20
MB227RK	2.0	5	N	15	30	150	N	N	7	10	5
MB229RK	1.5	N	10	<5	50	300	N	N	10	20	5
MB231RK	2.0	N	<10	5	70	300	N	N	5	20	<5
MB232RK	<1.0	15	70	10	50	300	N	<20	20	10	10
MB301RK	2.0	N	<10	<5	50	500	N	<20	5	30	5
MB302RK	1.5	20	100	<5	50	500	N	<20	50	20	30
MB303RK	2.0	15	10	5	30	500	N	N	10	15	10
MB304RK	1.0	30	150	10	100	5,000	N	<20	20	20	30
MB305RK	<1.0	N	N	<5	N	300	N	N	N	10	N
MB306RK	5.0	<5	<10	7	50	500	<5	<20	7	20	5
MB308RK	2.0	5	<10	5	50	300	N	N	5	20	N
MB309RK	3.0	N	<10	<5	<20	300	N	N	5	30	<5
MB310RK	3.0	N	<10	7	20	200	N	<20	5	30	<5
MB311RK	2.0	N	N	5	50	200	7	N	7	20	N
MB312RK	1.5	5	10	5	100	200	N	N	7	15	5
MB313RK	2.0	7	15	50	100	1,000	N	N	10	30	10
MB315RK	5.0	5	<10	5	20	200	N	20	5	100	7
MB317RK	5.0	<5	10	5	<20	700	N	<20	7	30	5
MB318RK	5.0	<5	<10	<5	N	300	N	<20	5	30	5
MB319RK	5.0	N	<10	<5	<20	500	N	<20	5	50	<5
MB320RK	5.0	N	N	<5	N	500	N	<20	7	50	<5
MB321RK	N	N	N	<5	N	100	N	N	N	N	N
MB322RK	1.5	7	15	5	50	300	N	N	10	20	7
MB323RK	1.5	7	10	5	50	300	N	N	10	20	7
MB324RK	2.0	7	10	7	70	200	N	<20	10	15	7
MB325RK	1.5	10	10	5	70	1,000	N	<20	10	15	7
MB326RK	1.5	N	10	<5	70	500	N	N	15	50	7
MB327RK	1.0	10	10	<5	50	300	N	N	10	20	7
MB328RK	1.5	7	10	<5	50	500	N	N	10	15	7
MB329RK	2.0	N	<10	<5	<20	300	N	N	5	20	<5
MB330RK	1.5	N	50	10	50	500	N	<20	30	15	7
MB331RK	2.0	10	70	10	50	200	N	<20	30	10	20

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
MB214RK	N	500	30	N	10	N	150	N	45	--
MB215RK	N	500	20	N	<10	N	100	N	5	--
MB216RK	N	500	15	N	<10	N	70	N	10	--
MB217RK	N	700	15	N	<10	N	70	N	5	--
MB218RK	N	150	10	N	<10	N	15	N	5	--
MB219RK	N	N	10	N	N	N	15	<.002	10	--
MB220RK	N	500	20	N	10	N	70	N	50	--
MB221RK	N	100	70	N	20	N	200	N	85	--
MB222RK	N	500	50	N	<10	N	100	N	35	--
MB223RK	N	500	70	N	10	N	70	<.002	40	--
MB224RK	N	100	10	N	N	N	30	N	5	--
MB225RK	N	150	100	N	20	<200	100	N	55	--
MB226RK	N	1,000	100	N	15	N	150	N	35	--
MB227RK	N	500	50	N	10	N	70	N	15	--
MB229RK	N	700	50	N	<10	N	70	N	20	--
MB231RK	N	200	15	N	<10	N	70	N	30	--
MB232RK	N	1,000	70	N	20	N	100	N	20	--
MB301RK	N	500	30	N	10	N	50	<.002	35	--
MB302RK	N	300	100	N	20	N	150	.003	75	--
MB303RK	N	500	70	N	10	N	100	N	55	--
MB304RK	N	500	100	N	50	N	200	N	95	--
MB305RK	N	100	10	N	N	N	10	<.002	15	--
MB306RK	N	500	50	N	10	N	100	N	45	--
MB308RK	N	500	50	N	<10	N	70	N	40	--
MB309RK	N	500	30	N	<10	N	70	N	35	--
MB310RK	N	500	20	N	<10	N	70	N	35	--
MB311RK	N	500	20	N	<10	N	70	N	40	--
MB312RK	N	500	50	N	10	N	150	.016	40	--
MB313RK	N	500	70	N	15	N	70	.015	80	--
MB315RK	N	100	15	N	<10	N	50	N	5	--
MB317RK	N	200	30	N	10	N	100	N	35	--
MB318RK	N	300	20	N	<10	N	70	<.002	35	--
MB319RK	N	150	20	N	N	N	50	.016	30	--
MB320RK	N	200	20	N	<10	N	30	N	30	--
MB321RK	N	100	<10	N	N	N	10	N	5	--
MB322RK	N	500	70	N	10	N	100	N	30	--
MB323RK	N	500	50	N	10	N	100	<.002	30	--
MB324RK	N	700	70	N	10	N	70	.016	25	--
MB325RK	N	500	70	N	10	N	100	N	30	--
MB326RK	N	150	70	N	10	N	150	N	60	--
MB327RK	N	700	50	N	<10	N	50	<.002	25	--
MB328RK	N	500	50	N	10	N	100	.004	35	--
MB329RK	N	500	15	N	<10	N	70	N	25	--
MB330RK	N	100	70	N	15	N	200	.002	30	--
MB331RK	N	100	70	N	20	N	150	N	70	--

Table 10. Data for rock samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
MB332RK	37 35 45	118 12 1	394,020	4,161,469	.50	1.0	.30	.100	N	N	10	1,000
MB333RK	37 36 21	118 12 8	393,870	4,162,560	2.00	3.0	2.00	.500	N	N	20	1,000
WM301RK	37 14 38	118 12 2	393,500	4,122,400	2.00	5.0	2.00	.700	N	N	150	300
WP001RK	37 44 48	118 15 17	389,440	4,178,270	1.00	2.0	1.00	.200	N	N	50	200
WP002RK	37 35 55	118 17 25	386,080	4,161,860	.30	3.0	1.00	.500	N	N	10	700
WP003RK	37 35 36	118 18 2	385,170	4,161,290	.20	2.0	.70	.300	N	N	2,000	700
WP004RK	37 35 39	118 18 0	385,230	4,161,380	<.05	1.0	.50	.150	N	N	15	1,000
WP005RK	37 31 18	118 19 15	383,280	4,153,370	.05	2.0	1.50	.500	N	N	200	1,500
WP006RK	37 32 32	118 18 0	385,140	4,155,630	1.50	2.0	1.00	.300	N	N	30	700
WP007RK	37 32 24	118 18 2	385,090	4,155,370	1.50	5.0	1.50	.500	N	N	50	700
WP008RK	37 32 23	118 19 35	382,810	4,155,380	10.00	.7	.20	.300	N	N	10	50
WP104RK	37 41 55	118 22 7	379,330	4,173,080	2.00	5.0	3.00	.700	N	N	<10	150
WP105RK	37 40 53	118 22 4	379,380	4,171,140	.20	2.0	.07	.500	N	N	10	1,000
WP107RK	37 37 47	118 20 59	380,900	4,165,390	.15	3.0	1.00	.300	N	N	50	700
WP108RK	37 36 57	118 20 2	382,270	4,163,850	.30	7.0	1.50	.500	N	N	15	500
WP109RK	37 34 55	118 20 13	381,950	4,160,080	.15	1.5	.30	.100	N	N	50	700
WP110RK	37 34 7	118 20 25	381,630	4,158,620	2.00	5.0	2.00	.500	N	N	70	1,000
WP112RK	37 34 41	118 18 24	384,610	4,159,610	3.00	10.0	3.00	.700	N	N	20	1,000
WP113RK	37 37 5	118 20 48	381,150	4,164,090	2.00	2.0	.50	.200	N	N	100	500
WP201RK	37 40 31	118 20 34	381,570	4,170,430	1.50	5.0	2.00	.700	N	N	<10	500
WP203RK	37 39 43	118 20 15	382,020	4,168,960	.07	.7	.20	.150	N	N	10	1,500
WP204RK	37 39 11	118 20 55	381,030	4,167,970	1.50	5.0	2.00	.700	N	N	15	500
WP205RK	37 38 23	118 19 56	382,460	4,166,490	.10	15.0	.10	.100	N	N	20	700
WP206RK	37 33 29	118 20 4	382,130	4,157,430	1.00	3.0	1.50	.200	N	N	50	700
WP207RK	37 33 4	118 20 14	381,870	4,156,670	2.00	3.0	1.50	.300	N	N	100	500
WP208RK	37 32 20	118 16 25	387,480	4,155,240	.50	1.5	.30	.150	N	N	15	300
WP301RK	37 30 58	118 15 45	388,420	4,152,690	.50	7.0	2.00	.700	N	N	10	200
WP302RK	37 30 29	118 17 45	385,460	4,151,830	.50	10.0	2.00	>1.000	N	N	50	300
WP303RK	37 30 32	118 17 41	385,570	4,151,910	.20	7.0	1.50	1.000	N	N	20	200
WP304RK	37 31 14	118 19 15	383,280	4,153,250	.05	2.0	1.00	.300	1.0	500	200	2,000
WP305RK	37 35 48	118 20 10	382,050	4,161,720	5.00	2.0	1.50	.200	N	N	70	500
WP306RK	37 35 54	118 19 28	383,070	4,161,870	3.00	5.0	2.00	.300	N	N	100	700

Table 10. Data for rock samples - (continued)

Sample	Be-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
MB332RK	2.0	N	N	<5	100	200	N	N	5	30	N
MB333RK	1.5	20	50	30	70	700	N	<20	20	20	20
WM301RK	2.0	15	150	7	150	300	N	N	50	20	30
WP001RK	5.0	N	30	5	50	500	N	N	20	20	10
WP002RK	2.0	15	10	7	150	300	<5	<20	7	20	15
WP003RK	3.0	<5	10	<5	50	70	<5	<20	5	<10	15
WP004RK	5.0	N	N	<5	70	70	15	20	5	<10	10
WP005RK	2.0	15	150	50	100	100	15	<20	20	N	30
WP006RK	1.0	15	15	15	70	700	N	<20	10	20	15
WP007RK	1.0	20	30	20	50	700	N	N	20	30	20
WP008RK	1.5	7	N	5	70	1,500	10	<20	<5	10	15
WP104RK	1.0	15	70	<5	70	200	<5	N	30	15	30
WP105RK	<1.0	5	30	7	70	1,500	N	<20	10	50	10
WP107RK	1.0	15	50	5	50	150	N	N	30	10	20
WP108RK	1.0	20	20	<5	50	700	N	<20	30	10	15
WP109RK	N	N	30	<5	30	50	N	N	10	N	7
WP110RK	1.0	20	100	20	70	500	N	<20	50	50	30
WP112RK	<1.0	30	50	70	100	500	N	N	30	50	30
WP113RK	1.0	7	30	<5	50	300	N	<20	20	15	20
WP201RK	1.0	20	50	70	70	500	N	<20	30	20	20
WP203RK	2.0	N	10	<5	30	50	15	N	5	15	7
WP204RK	1.5	15	30	10	70	500	N	<20	20	15	20
WP205RK	2.0	5	N	7	100	70	50	N	5	30	7
WP206RK	1.5	10	20	20	70	500	N	<20	10	15	20
WP207RK	2.0	20	20	20	100	700	N	N	30	20	20
WP208RK	2.0	N	<10	<5	150	150	N	20	5	10	7
WP301RK	<1.0	20	100	5	30	500	N	N	30	10	20
WP302RK	1.0	50	150	100	100	500	N	<20	50	10	50
WP303RK	1.5	30	100	20	100	500	N	20	30	N	20
WP304RK	1.5	N	100	50	N	100	20	<20	20	50	20
WP305RK	<1.0	10	30	20	<20	500	N	N	20	10	10
WP306RK	1.0	15	150	<5	50	300	N	N	50	20	20

Table 10. Data for rock samples - (continued)

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Zn-ppm aa	U-INST
MB332RK	N	200	30	N	15	N	150	N	20	--
MB333RK	N	500	100	N	20	N	50	.012	60	--
WM301RK	N	200	100	N	50	N	300	N	50	--
WP001RK	N	150	70	N	15	N	200	N	40	--
WP002RK	N	200	70	N	30	N	150	N	65	--
WP003RK	N	150	100	N	15	N	200	N	5	--
WP004RK	50	<100	50	N	10	N	200	N	5	--
WP005RK	N	N	100	N	30	N	100	N	20	--
WP006RK	N	700	100	N	20	N	100	.002	70	--
WP007RK	N	500	100	N	20	N	150	N	80	--
WP008RK	N	300	20	N	30	N	1,000	N	15	--
WP104RK	N	300	150	N	20	N	150	N	30	--
WP105RK	N	100	70	N	20	N	200	N	40	--
WP107RK	N	200	100	N	20	N	150	.017	90	--
WP108RK	N	150	100	N	15	<200	100	N	95	--
WP109RK	N	100	100	N	15	N	150	<.002	10	--
WP110RK	N	500	150	N	20	N	100	.017	65	--
WP112RK	N	500	150	N	20	<200	100	N	80	--
WP113RK	N	500	70	N	20	N	100	N	15	--
WP201RK	N	200	100	N	20	N	150	N	90	--
WP203RK	N	100	50	N	10	N	150	.002	5	--
WP204RK	N	300	100	N	30	N	200	.005	85	--
WP205RK	N	N	10	N	20	N	200	.022	35	--
WP206RK	N	500	100	N	20	N	100	N	65	--
WP207RK	N	500	100	N	20	N	100	.006	60	--
WP208RK	N	200	50	N	20	N	150	N	15	--
WP301RK	N	150	100	N	20	<200	150	N	75	--
WP302RK	N	100	200	N	50	<200	150	.002	95	--
WP303RK	N	100	150	N	50	<200	300	.007	90	--
WP304RK	N	N	1,000	N	10	N	200	.005	65	--
WP305RK	N	300	100	N	20	N	100	N	70	--
WP306RK	N	300	150	N	20	N	150	N	35	--

Table 11. Data for stream-sediment samples

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BE003SS	37 48 15	118 17 4	386,910	4,184,660	.5	1.0	.20	.20	N	N	30	200
BE004SS	37 48 16	118 16 21	387,970	4,184,680	.5	1.0	.15	.30	N	N	15	200
BE005SS	37 48 10	118 16 13	388,160	4,184,490	.3	.7	.30	.20	N	N	20	200
BE006SS	37 45 20	118 15 9	389,650	4,179,240	.5	1.5	.50	.20	N	N	15	300
BE007SS	37 45 30	118 15 8	389,680	4,179,550	.7	3.0	1.00	.50	N	N	15	500
BE107SS	37 51 36	118 17 6	386,940	4,190,860	2.0	2.0	.30	.30	N	N	10	500
BE109SS	37 52 24	118 24 14	376,520	4,192,490	1.0	2.0	.70	.30	2.0	300	100	300
BE111SS	37 52 38	118 23 37	377,430	4,192,930	.7	3.0	.15	.20	N	N	10	500
BE112SS	37 52 6	118 24 38	375,910	4,191,960	3.0	3.0	1.50	.30	1.5	N	100	500
BE113SS	37 50 45	118 25 28	374,670	4,189,460	3.0	1.5	1.00	.20	1.0	N	70	300
BE114SS	37 50 6	118 24 41	375,800	4,188,260	1.0	1.5	.30	.30	N	N	10	700
BE115SS	37 51 41	118 25 10	375,120	4,191,190	.5	2.0	.50	.30	1.5	N	100	300
BE116SS	37 51 14	118 25 23	374,790	4,190,360	2.0	3.0	1.50	.30	.5	N	70	500
BE117SS	37 49 10	118 25 27	374,640	4,186,530	1.5	1.5	.70	.30	.5	N	50	700
BE118SS	37 50 4	118 25 19	374,860	4,188,200	1.5	1.5	.50	.30	N	N	10	500
BE119SS	37 50 7	118 25 20	374,850	4,188,290	2.0	1.5	.70	.20	N	N	50	500
BE204SS	37 46 54	118 16 13	388,140	4,182,150	.2	1.0	.20	.20	N	N	15	150
BE205SS	37 46 52	118 16 10	388,200	4,182,080	.5	1.5	.30	.50	.5	N	20	200
BE206SS	37 47 8	118 15 25	389,320	4,182,560	.5	1.0	.20	.50	N	N	15	200
BE207SS	37 47 20	118 15 14	389,580	4,182,930	.3	1.0	.30	.20	N	N	30	300
BE208SS	37 48 20	118 25 26	374,630	4,185,000	1.0	1.5	.70	.30	N	N	20	700
BE209SS	37 48 15	118 25 20	374,790	4,184,850	5.0	1.0	1.50	.10	N	N	20	300
BE210SS	37 47 29	118 24 44	375,650	4,183,410	1.0	2.0	1.00	.30	N	N	50	500
BE211SS	37 46 59	118 24 26	376,080	4,182,480	1.0	1.5	1.00	.15	N	N	20	500
BE212SS	37 46 29	118 24 22	376,160	4,181,570	.5	1.0	.20	.15	<.5	N	70	500
BE213SS	37 45 10	118 23 2	378,070	4,179,110	.7	1.0	.50	.15	N	N	20	500
BE214SS	37 45 8	118 23 1	378,110	4,179,040	.5	1.0	.30	.15	N	N	20	300
BE215SS	37 45 30	118 23 46	377,010	4,179,720	1.0	1.5	.50	.15	N	N	20	500
BE216SS	37 45 59	118 23 53	376,850	4,180,620	.7	1.0	.20	.15	N	N	30	500
BE217SS	37 48 34	118 15 36	389,080	4,185,220	.5	1.0	.20	.15	N	N	20	300
BE218SS	37 48 45	118 15 4	389,860	4,185,550	.5	1.0	.20	.10	N	N	10	500
BE305SS	37 49 44	118 18 48	384,420	4,187,450	.5	3.0	.20	.50	N	N	15	200
BE306SS	37 49 50	118 18 46	384,450	4,187,630	.7	2.0	.10	.15	N	N	<10	300
BE307SS	37 50 3	118 15 55	388,660	4,187,990	.7	1.5	.30	.20	N	N	10	500
BE315SS	37 49 54	118 17 17	386,640	4,187,720	.5	1.0	.15	.20	N	N	10	300
BI001SS	37 21 9	118 15 40	388,290	4,134,530	10.0	2.0	1.00	.30	N	N	70	300
BI002SS	37 24 25	118 15 37	388,460	4,140,560	7.0	3.0	1.00	.50	N	N	50	300
BI003SS	37 24 25	118 16 19	387,420	4,140,590	10.0	5.0	2.00	.50	N	N	50	300
BI004SS	37 24 27	118 17 28	385,720	4,140,670	5.0	3.0	1.50	.50	N	N	70	500
BI101SS	37 28 37	118 18 14	384,700	4,148,400	3.0	2.0	.70	.30	N	N	50	500
BI102SS	37 28 35	118 18 12	384,740	4,148,330	10.0	2.0	1.00	.20	N	N	70	300
BI103SS	37 28 42	118 19 4	383,470	4,148,560	10.0	5.0	.70	.15	2.0	N	70	200
BI104SS	37 28 12	118 18 57	383,630	4,147,630	5.0	2.0	.70	.20	<.5	N	70	300
BI105SS	37 25 6	118 18 55	383,600	4,141,910	1.0	2.0	.50	.20	N	N	70	300
BI106SS	37 17 27	118 15 42	388,160	4,127,680	5.0	3.0	1.50	.50	N	N	50	200

Table 10. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BE003SS	3.0	N	<5	10	<5	50	300	5	20	5	30	7
BE004SS	3.0	N	5	10	<5	70	500	5	20	<5	20	7
BE005SS	5.0	N	N	10	7	50	300	5	20	7	15	7
BE006SS	3.0	N	7	20	15	70	500	5	20	10	20	10
BE007SS	3.0	N	10	30	20	100	500	5	20	15	70	15
BE107SS	2.0	N	10	20	10	70	1,000	5	20	7	15	7
BE109SS	3.0	N	15	50	20	70	500	10	20	30	70	15
BE111SS	2.0	N	5	10	5	100	700	N	<20	5	20	5
BE112SS	2.0	N	20	50	50	100	700	15	20	50	70	20
BE113SS	3.0	N	10	30	20	70	700	7	<20	30	70	10
BE114SS	2.0	N	5	15	5	70	300	N	<20	7	15	7
BE115SS	3.0	N	10	30	15	70	700	7	20	20	100	10
BE116SS	2.0	N	20	70	50	70	500	7	<20	30	50	15
BE117SS	2.0	N	10	30	20	50	500	7	<20	30	50	10
BE118SS	1.5	N	7	10	7	50	300	N	<20	5	20	10
BE119SS	2.0	N	10	20	15	150	500	7	N	30	50	10
BE204SS	3.0	N	<5	10	5	70	300	N	30	5	10	7
BE205SS	3.0	N	5	15	10	70	500	<5	20	7	20	10
BE206SS	3.0	N	5	10	5	100	200	5	20	<5	20	7
BE207SS	5.0	N	5	15	10	70	500	7	20	7	20	7
BE208SS	2.0	N	<5	15	15	50	500	5	<20	10	30	7
BE209SS	1.5	N	7	15	30	50	500	<5	N	15	30	7
BE210SS	2.0	N	10	30	30	70	700	7	<20	30	30	15
BE211SS	3.0	N	<5	20	10	70	500	5	<20	7	20	7
BE212SS	2.0	N	5	15	10	50	500	<5	<20	7	50	7
BE213SS	3.0	N	N	15	15	50	700	5	20	7	30	7
BE214SS	3.0	N	5	10	15	50	700	<5	20	10	30	7
BE215SS	3.0	N	<5	20	15	50	500	5	<20	15	50	7
BE216SS	3.0	N	<5	10	5	30	500	<5	<20	5	30	5
BE217SS	3.0	N	5	<10	7	70	500	N	20	5	20	7
BE218SS	3.0	N	<5	<10	7	50	300	N	<20	7	20	5
BE305SS	3.0	N	<5	10	<5	70	500	5	30	<5	20	7
BE306SS	3.0	N	<5	<10	<5	100	500	N	<20	5	20	5
BE307SS	3.0	N	N	10	<5	50	300	N	20	N	20	7
BE315SS	2.0	N	<5	<10	<5	70	300	<5	20	<5	15	5
BI001SS	2.0	N	15	50	10	100	500	N	<20	20	30	15
BI002SS	2.0	N	15	50	15	70	700	N	<20	20	30	15
BI003SS	1.5	N	15	100	15	100	700	N	<20	30	50	15
BI004SS	2.0	N	15	70	20	70	700	N	<20	20	50	20
BI101SS	3.0	N	20	50	20	100	700	<5	<20	20	50	10
BI102SS	2.0	N	10	50	15	50	500	N	<20	30	30	15
BI103SS	2.0	70	20	50	150	50	500	5	<20	30	50	15
BI104SS	3.0	N	10	50	30	50	700	<5	<20	20	50	15
BI105SS	3.0	N	10	30	15	70	500	5	20	20	30	10
BI106SS	2.0	N	15	50	15	100	500	N	<20	30	30	15

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
BE003SS	200	N	30	20	N	150	N	.04	65	1.90
BE004SS	200	N	30	30	N	300	N	.20	60	3.40
BE005SS	150	N	30	20	N	150	N	.16	15	7.80
BE006SS	200	N	70	20	N	150	--	.08	35	1.50
BE007SS	150	N	100	30	N	100	<.002	.08	45	3.40
BE107SS	500	N	70	20	N	200	<.002	.06	30	.74
BE109SS	300	N	100	20	500	100	N	.10	300	2.00
BE111SS	500	N	70	15	N	150	.004	.04	25	5.50
BE112SS	300	N	100	20	300	100	.003	.12	35	2.10
BE113SS	300	N	70	20	<200	200	N	.20	80	1.10
BE114SS	500	N	50	15	N	100	N	.16	30	2.10
BE115SS	200	N	70	20	N	150	.003	<.02	100	.60
BE116SS	300	N	100	20	N	100	N	.06	110	1.70
BE117SS	500	N	100	15	N	150	.002	.16	70	1.80
BE118SS	500	N	50	10	N	300	.005	.22	50	--
BE119SS	500	N	100	15	N	300	.006	.14	110	--
BE204SS	150	N	30	20	N	150	N	.14	20	7.50
BE205SS	150	N	50	30	N	500	N	.06	100	16.00
BE206SS	150	N	50	20	N	200	N	.12	15	3.80
BE207SS	150	N	50	20	N	150	N	.45	35	1.80
BE208SS	300	N	50	15	N	100	N	.04	35	.78
BE209SS	200	N	50	10	500	50	N	.06	20	1.70
BE210SS	200	N	100	20	N	150	.002	.10	80	1.10
BE211SS	200	N	50	15	N	100	N	.08	90	5.40
BE212SS	300	N	50	10	N	70	N	.04	65	.96
BE213SS	300	N	50	15	N	100	N	.04	120	1.60
BE214SS	200	N	50	15	N	100	N	.06	85	6.40
BE215SS	300	N	70	15	N	100	N	.16	170	1.30
BE216SS	200	N	30	10	N	100	N	.02	110	2.20
BE217SS	300	N	30	15	N	100	N	.14	45	--
BE218SS	300	N	30	10	N	100	N	.12	40	--
BE305SS	200	<100	50	30	N	500	N	.04	75	8.80
BE306SS	500	N	70	10	N	200	N	.06	25	4.00
BE307SS	500	N	50	20	N	700	N	.04	30	4.50
BE315SS	300	N	50	15	N	200	.003	.10	25	--
BI001SS	300	N	100	20	N	150	<.002	--	40	--
BI002SS	300	N	50	20	N	150	N	--	35	--
BI003SS	300	N	100	20	N	200	.007	--	55	--
BI004SS	200	N	100	20	N	200	N	--	40	--
BI101SS	200	N	70	20	N	100	.002	--	45	.46
BI102SS	300	N	70	15	N	100	N	--	45	.43
BI103SS	500	N	70	30	N	100	.850	--	35	--
BI104SS	500	N	70	30	N	200	.051	--	25	--
BI105SS	200	N	70	20	N	100	<.002	--	40	--
BI106SS	200	N	70	30	N	200	.007	--	40	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BI107SS	37 17 10	118 16 20	387,220	4,127,180	5.0	2.0	2.00	.50	N	N	50	300
BI108SS	37 19 43	118 15 17	388,830	4,131,860	3.0	5.0	1.50	.70	N	N	50	300
BI109SS	37 19 45	118 15 18	388,800	4,131,940	7.0	2.0	1.50	.50	N	N	50	300
BI110SS	37 18 56	118 16 40	386,760	4,130,460	10.0	2.0	1.50	.30	N	N	50	200
BI111SS	37 20 5	118 16 55	386,420	4,132,570	10.0	2.0	3.00	.50	N	N	50	300
BI112SS	37 20 30	118 16 56	386,400	4,133,350	3.0	3.0	2.00	.50	N	N	70	300
BI113SS	37 27 29	118 16 41	386,950	4,146,260	10.0	3.0	1.50	.50	N	N	70	2,000
BI114SS	37 26 47	118 15 41	388,400	4,144,960	10.0	3.0	1.00	.30	N	N	50	300
BI115SS	37 26 57	118 17 0	386,480	4,145,290	2.0	3.0	1.00	.30	N	N	70	300
BI116SS	37 15 7	118 15 32	388,350	4,123,370	1.5	5.0	1.00	.70	N	N	50	300
BI117SS	37 15 51	118 15 42	388,120	4,124,730	3.0	3.0	2.00	.50	N	N	50	300
BI118SS	37 18 40	118 16 44	386,660	4,129,970	10.0	2.0	1.00	.50	N	N	50	200
BI201SS	37 28 59	118 15 7	389,300	4,149,000	10.0	2.0	1.00	.20	N	N	50	300
BI202SS	37 28 48	118 16 19	387,530	4,148,680	10.0	2.0	1.00	.20	N	N	100	300
BI203SS	37 28 50	118 16 21	387,480	4,148,760	1.5	5.0	1.00	.70	N	N	100	300
BI204SS	37 25 51	118 16 58	386,500	4,143,240	7.0	3.0	1.00	.30	N	N	100	300
BI205SS	37 18 12	118 16 31	386,970	4,129,090	7.0	2.0	1.50	.50	N	N	50	300
BI206SS	37 22 28	118 17 11	386,080	4,136,990	7.0	2.0	1.00	.30	N	N	70	500
BI207SS	37 22 26	118 17 13	386,030	4,136,950	5.0	2.0	1.00	.30	N	N	70	300
BI208SS	37 22 28	118 17 39	385,400	4,137,020	7.0	3.0	1.00	.50	N	N	70	300
BI209SS	37 22 54	118 17 57	384,960	4,137,800	2.0	3.0	1.50	.50	N	N	70	300
BI210SS	37 23 41	118 18 13	384,590	4,139,260	1.5	3.0	1.00	.50	N	N	50	200
BI301SS	37 21 21	118 16 4	387,710	4,134,910	7.0	5.0	1.00	.70	N	N	50	300
BI302SS	37 20 47	118 17 24	385,720	4,133,880	2.0	2.0	.70	.30	N	N	50	300
BI303SS	37 20 54	118 16 40	386,820	4,134,090	7.0	3.0	1.00	.30	.7	N	70	300
BM001SS	37 26 29	118 10 46	395,660	4,144,310	7.0	1.5	2.00	.50	N	N	30	200
BM002SS	37 26 26	118 10 46	395,660	4,144,210	2.0	2.0	1.50	.70	N	N	50	300
BM003SS	37 26 12	118 9 9	398,040	4,143,740	7.0	3.0	5.00	.30	N	N	50	300
BM004SS	37 26 17	118 8 59	398,270	4,143,900	7.0	1.5	5.00	.15	N	N	20	300
BM005SS	37 26 23	118 8 38	398,800	4,144,080	3.0	1.5	1.50	.30	N	N	50	300
BM006SS	37 29 31	118 5 55	402,880	4,149,820	1.0	2.0	1.00	.30	N	N	30	500
BM007SS	37 29 24	118 5 55	402,860	4,149,600	2.0	3.0	1.50	.70	N	N	20	200
BM008SS	37 29 13	118 5 51	402,950	4,149,280	1.5	5.0	1.00	.50	N	N	20	300
BM009SS	37 28 0	118 4 18	405,230	4,147,000	2.0	2.0	1.00	.50	N	N	20	500
BM010SS	37 22 5	118 2 13	408,160	4,136,030	3.0	3.0	1.50	.50	N	N	15	500
BM011SS	37 21 57	118 2 27	407,830	4,135,760	1.5	2.0	1.00	.50	N	N	20	500
BM012SS	37 27 28	118 9 57	396,870	4,146,100	10.0	2.0	5.00	.30	N	N	20	200
BM013SS	37 24 10	118 6 5	402,510	4,139,930	2.0	1.5	1.50	.20	N	N	70	300
BM014SS	37 23 24	118 5 21	403,580	4,138,490	20.0	1.0	10.00	.07	N	N	15	150
BM015SS	37 23 21	118 5 30	403,360	4,138,400	15.0	1.5	5.00	.07	N	N	20	150
BM016SS	37 23 5	118 5 28	403,390	4,137,920	2.0	1.5	.70	.07	.5	N	15	300
BM017SS	37 22 35	118 4 32	404,770	4,136,990	10.0	1.5	5.00	.10	N	N	50	200
BM018SS	37 22 39	118 4 24	404,960	4,137,110	20.0	1.5	7.00	.10	N	N	10	150
BM019SS	37 21 47	118 9 7	397,970	4,135,590	20.0	2.0	7.00	.20	N	N	10	150
BM020SS	37 20 38	118 8 58	398,170	4,133,460	15.0	3.0	5.00	.50	<.5	N	50	200

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BI107SS	1.5	N	20	50	15	100	500	N	<20	20	30	10
BI108SS	2.0	N	15	50	20	70	700	N	<20	20	30	15
BI109SS	2.0	N	20	50	10	70	1,000	N	<20	20	50	15
BI110SS	1.5	N	15	30	10	70	500	N	N	20	20	15
BI111SS	1.5	N	15	50	10	50	700	N	<20	20	30	15
BI112SS	2.0	N	15	50	15	100	700	N	<20	20	30	15
BI113SS	2.0	N	15	70	15	70	700	N	<20	20	30	15
BI114SS	2.0	N	20	50	10	70	700	N	<20	20	30	10
BI115SS	3.0	N	10	50	15	70	500	N	<20	20	50	20
BI116SS	2.0	N	20	50	20	150	700	N	<20	30	20	15
BI117SS	2.0	N	15	50	15	70	700	N	<20	20	20	15
BI118SS	2.0	N	15	30	7	70	700	N	<20	20	20	10
BI201SS	2.0	N	15	30	20	70	500	N	<20	20	30	15
BI202SS	2.0	N	10	50	20	70	500	7	<20	20	30	20
BI203SS	3.0	N	50	100	30	100	1,000	N	20	30	50	30
BI204SS	2.0	N	15	50	20	70	700	N	<20	30	30	20
BI205SS	2.0	N	10	50	10	70	500	N	<20	15	20	10
BI206SS	2.0	N	15	50	15	100	500	N	<20	20	30	15
BI207SS	2.0	N	20	70	15	100	500	N	<20	30	30	15
BI208SS	2.0	N	20	70	15	70	500	N	<20	30	30	20
BI209SS	2.0	N	15	50	20	100	700	N	<20	20	30	20
BI210SS	2.0	N	20	50	20	100	700	N	<20	20	30	15
BI301SS	2.0	N	20	50	20	100	700	N	<20	20	20	20
BI302SS	2.0	N	10	20	15	100	500	N	<20	15	70	10
BI303SS	2.0	<10	15	50	20	70	500	N	<20	20	50	15
BM001SS	1.5	N	7	30	10	50	500	N	<20	15	20	7
BM002SS	2.0	N	10	30	20	50	500	N	<20	20	20	15
BM003SS	2.0	N	10	50	20	100	700	N	<20	20	20	10
BM004SS	1.0	N	7	30	10	70	700	N	N	15	30	5
BM005SS	2.0	N	15	50	20	100	500	N	<20	30	20	15
BM006SS	2.0	N	10	50	10	100	500	N	20	15	20	15
BM007SS	3.0	N	10	30	15	100	700	N	20	20	20	15
BM008SS	2.0	N	15	150	15	100	500	N	20	30	20	10
BM009SS	2.0	N	7	50	10	100	500	N	<20	20	20	20
BM010SS	2.0	N	15	20	30	100	700	N	20	20	30	15
BM011SS	3.0	N	10	20	20	100	500	N	<20	15	30	10
BM012SS	1.0	N	7	30	10	50	500	10	<20	15	20	7
BM013SS	1.5	N	10	50	15	70	700	N	<20	20	50	10
BM014SS	<1.0	N	7	20	10	20	500	N	N	15	30	7
BM015SS	3.0	N	5	20	10	20	500	N	N	10	30	7
BM016SS	3.0	N	N	15	5	70	300	N	N	5	50	5
BM017SS	2.0	N	5	15	7	50	300	N	N	7	30	5
BM018SS	5.0	N	10	30	15	30	700	N	N	15	15	7
BM019SS	<1.0	N	10	30	10	20	500	N	N	10	20	10
BM020SS	1.0	N	15	50	20	50	700	N	<20	20	30	10

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
BI107SS	200	N	70	20	N	200	N	--	45	--
BI108SS	200	N	100	20	N	200	.003	--	35	--
BI109SS	500	N	70	20	N	150	N	--	35	--
BI110SS	300	N	50	30	N	150	N	--	30	--
BI111SS	200	N	70	15	N	200	N	--	30	--
BI112SS	200	N	70	15	N	150	.006	--	40	--
BI113SS	500	N	70	20	N	200	.003	--	50	--
BI114SS	500	N	50	15	N	200	.007	--	35	--
BI115SS	200	N	100	20	N	200	<.002	--	40	--
BI116SS	200	N	70	20	N	500	N	--	50	--
BI117SS	200	N	70	20	N	200	N	--	35	--
BI118SS	300	N	50	20	N	300	<.002	--	30	--
BI201SS	300	N	70	20	N	150	N	--	40	.35
BI202SS	500	N	70	30	N	100	.018	--	50	--
BI203SS	200	N	100	50	N	200	.004	--	80	--
BI204SS	300	N	100	50	N	200	N	--	60	--
BI205SS	200	N	50	20	N	200	N	--	30	--
BI206SS	300	N	70	20	N	200	N	--	30	--
BI207SS	200	N	70	20	N	200	N	--	50	--
BI208SS	300	N	70	20	N	200	N	--	35	--
BI209SS	200	N	100	20	N	150	N	--	45	--
BI210SS	200	N	70	20	N	200	<.002	--	40	--
BI301SS	200	N	70	20	N	200	N	--	40	--
BI302SS	200	N	70	15	N	150	N	--	30	--
BI303SS	300	N	70	20	N	200	.040	--	40	--
BM001SS	150	N	50	15	N	100	N	--	55	--
BM002SS	150	N	70	30	N	200	N	--	55	--
BM003SS	300	N	50	20	N	200	N	--	45	--
BM004SS	300	N	50	15	N	100	N	--	35	--
BM005SS	500	N	70	20	N	150	N	--	50	--
BM006SS	500	N	70	30	N	300	<.002	--	55	--
BM007SS	500	N	70	20	N	100	N	--	70	--
BM008SS	500	N	100	20	N	150	N	--	60	--
BM009SS	500	N	70	15	N	200	N	--	40	--
BM010SS	1,000	N	70	15	N	150	N	--	95	--
BM011SS	500	N	70	15	N	150	N	--	75	--
BM012SS	300	N	50	30	N	100	N	--	30	--
BM013SS	300	N	50	20	N	100	.002	--	100	--
BM014SS	200	N	30	15	N	70	N	--	20	--
BM015SS	300	N	30	10	N	70	N	--	40	--
BM016SS	500	N	20	15	N	100	N	--	45	--
BM017SS	300	N	30	15	N	100	N	--	30	--
BM018SS	500	N	30	15	N	70	N	--	30	--
BM019SS	200	N	50	20	N	150	.004	--	20	--
BM020SS	200	N	70	20	N	100	N	--	35	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BM021SS	37 20 32	118 9 1	398,110	4,133,270	2.0	2.0	1.50	.50	N	N	50	200
BM022SS	37 21 24	118 14 12	390,470	4,134,960	10.0	2.0	1.00	.30	N	N	70	700
BM023SS	37 21 18	118 14 12	390,470	4,134,770	5.0	1.5	1.00	.20	N	N	50	200
BM024SS	37 24 3	118 14 25	390,210	4,139,880	5.0	2.0	1.00	.30	N	N	100	300
BM025SS	37 24 16	118 14 47	389,670	4,140,290	3.0	2.0	1.00	.20	N	N	70	200
BM026SS	37 24 21	118 14 49	389,640	4,140,430	7.0	1.5	1.00	.30	N	N	50	300
BM101SS	37 29 50	118 10 21	396,340	4,150,480	1.0	10.0	.50	.50	N	N	10	300
BM102SS	37 29 31	118 7 47	400,110	4,149,860	1.0	1.0	.50	.50	N	N	20	500
BM103SS	37 26 5	118 7 40	400,210	4,143,490	3.0	2.0	1.00	.30	N	N	70	300
BM104SS	37 25 59	118 7 30	400,450	4,143,330	10.0	3.0	1.50	.30	N	N	100	300
BM105SS	37 25 49	118 6 41	401,650	4,142,990	7.0	2.0	1.00	.20	N	N	50	300
BM106SS	37 26 15	118 6 26	402,040	4,143,790	1.5	2.0	1.00	.30	N	N	50	300
BM107SS	37 26 13	118 6 27	402,000	4,143,720	7.0	2.0	3.00	.20	N	N	50	300
BM108SS	37 27 22	118 8 8	399,550	4,145,880	1.0	2.0	.70	.20	N	N	30	300
BM109SS	37 27 53	118 5 38	403,240	4,146,800	1.5	3.0	1.50	.50	N	N	70	300
BM110SS	37 26 48	118 4 28	404,940	4,144,760	7.0	2.0	3.00	.50	N	N	30	300
BM111SS	37 26 45	118 4 30	404,900	4,144,670	7.0	2.0	3.00	.20	N	N	50	300
BM112SS	37 26 44	118 3 29	406,400	4,144,650	2.0	5.0	1.00	1.00	N	N	20	300
BM113SS	37 26 42	118 3 30	406,380	4,144,580	10.0	2.0	5.00	.20	N	N	30	300
BM114SS	37 25 27	118 0 5	411,380	4,142,220	2.0	3.0	1.50	.70	N	N	10	500
BM115SS	37 24 58	118 0 15	411,140	4,141,310	2.0	7.0	1.00	.50	N	N	<10	300
BM116SS	37 24 50	118 0 8	411,290	4,141,060	7.0	5.0	2.00	.70	N	N	10	500
BM117SS	37 24 21	118 0 3	411,400	4,140,160	1.5	5.0	1.00	.70	N	N	10	500
BM118SS	37 28 28	118 11 51	394,100	4,148,000	.7	3.0	.70	.50	N	N	70	300
BM119SS	37 26 43	118 12 33	393,030	4,144,780	1.0	3.0	.70	.50	N	N	70	300
BM120SS	37 25 53	118 13 3	392,280	4,143,220	2.0	2.0	.70	.30	N	N	70	300
BM121SS	37 21 1	118 7 10	400,850	4,134,130	20.0	.7	10.00	.05	N	N	N	50
BM122SS	37 21 3	118 7 8	400,880	4,134,190	15.0	.7	10.00	.07	N	N	<10	70
BM123SS	37 21 2	118 7 3	401,010	4,134,160	5.0	1.0	1.50	.10	N	N	10	500
BM124SS	37 23 14	118 4 4	405,460	4,138,160	3.0	2.0	2.00	.50	N	N	50	500
BM125SS	37 23 38	118 8 7	399,490	4,138,990	20.0	1.5	7.00	.10	N	N	15	150
BM126SS	37 23 41	118 8 9	399,460	4,139,070	20.0	.7	10.00	.05	N	N	10	100
BM127SS	37 22 53	118 7 14	400,790	4,137,590	5.0	1.0	1.50	.10	N	N	10	300
BM128SS	37 20 52	118 3 34	406,150	4,133,800	15.0	1.0	5.00	.15	N	N	15	300
BM129SS	37 20 30	118 9 58	396,700	4,133,210	.5	5.0	1.00	1.00	N	N	70	300
BM130SS	37 20 31	118 9 55	396,770	4,133,260	2.0	5.0	1.50	.70	N	N	50	300
BM131SS	37 19 41	118 9 6	397,950	4,131,710	1.0	3.0	1.00	.70	N	N	30	300
BM132SS	37 19 41	118 9 2	398,050	4,131,710	7.0	3.0	3.00	.50	N	N	30	300
BM133SS	37 19 24	118 9 20	397,600	4,131,180	1.0	3.0	1.00	.70	N	N	50	300
BM134SS	37 18 51	118 9 10	397,830	4,130,160	1.5	2.0	1.00	.50	N	N	50	300
BM135SS	37 17 28	118 13 10	391,890	4,127,670	7.0	2.0	1.50	.30	N	N	70	200
BM136SS	37 17 25	118 14 1	390,630	4,127,600	7.0	2.0	1.00	.30	N	N	50	300
BM137SS	37 17 29	118 14 3	390,600	4,127,710	3.0	2.0	1.50	.50	N	N	50	200
BM138SS	37 17 20	118 14 23	390,090	4,127,440	1.5	2.0	1.50	.30	N	N	50	200
BM201SS	37 28 25	118 1 33	409,270	4,147,710	1.5	15.0	.70	.70	N	N	<10	150

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BM021SS	1.5	N	10	50	15	50	500	N	<20	20	20	10
BM022SS	1.5	N	15	50	10	100	500	5	<20	20	30	15
BM023SS	3.0	N	10	20	10	70	500	N	<20	15	30	15
BM024SS	2.0	N	20	70	15	100	500	N	<20	30	30	20
BM025SS	2.0	N	15	50	10	50	500	<5	<20	20	30	15
BM026SS	2.0	N	10	50	10	70	300	N	N	20	30	10
BM101SS	1.5	N	15	50	15	150	700	N	20	15	20	15
BM102SS	1.5	N	5	20	10	70	300	N	<20	10	20	7
BM103SS	1.5	N	10	30	15	100	500	N	<20	20	20	15
BM104SS	1.5	N	15	300	20	100	500	N	<20	30	20	30
BM105SS	1.5	N	15	50	20	70	500	N	<20	30	50	15
BM106SS	2.0	N	10	50	15	70	500	<5	20	30	20	10
BM107SS	2.0	N	10	30	15	70	500	N	<20	20	30	10
BM108SS	2.0	N	10	50	20	70	500	<5	<20	20	30	10
BM109SS	2.0	N	15	100	15	70	700	N	<20	30	20	10
BM110SS	2.0	N	15	150	15	100	500	N	<20	50	20	15
BM111SS	1.5	N	15	100	15	50	700	N	N	30	50	20
BM112SS	2.0	N	15	100	10	150	700	N	30	20	30	20
BM113SS	1.5	N	10	100	10	70	500	N	N	30	20	10
BM114SS	2.0	N	20	20	20	100	500	N	<20	30	15	15
BM115SS	1.5	N	15	70	10	100	500	N	20	30	20	10
BM116SS	1.5	N	10	30	15	150	500	N	<20	15	20	10
BM117SS	2.0	N	15	20	20	100	500	N	20	15	15	7
BM118SS	2.0	N	15	50	20	70	500	N	20	20	20	15
BM119SS	2.0	N	15	50	20	100	500	5	<20	20	30	20
BM120SS	2.0	N	10	50	15	70	500	N	<20	20	30	15
BM121SS	<1.0	N	N	10	<5	N	700	N	N	N	20	5
BM122SS	2.0	N	N	10	7	N	500	N	N	<5	15	<5
BM123SS	3.0	N	N	10	<5	50	300	N	N	5	30	5
BM124SS	1.5	N	10	50	15	70	500	N	<20	15	15	10
BM125SS	1.5	N	7	30	10	30	500	N	<20	15	30	7
BM126SS	1.5	N	5	20	5	<20	700	N	N	5	30	5
BM127SS	5.0	N	5	10	5	100	300	N	N	7	20	5
BM128SS	5.0	N	5	20	10	70	500	N	N	10	15	5
BM129SS	2.0	N	20	50	20	70	500	N	20	30	20	20
BM130SS	1.5	N	15	50	30	70	700	N	20	20	20	20
BM131SS	2.0	N	15	70	20	50	500	N	<20	20	20	15
BM132SS	1.0	N	15	30	20	50	500	N	<20	20	50	10
BM133SS	2.0	N	15	50	20	70	500	N	20	30	20	10
BM134SS	2.0	N	15	50	20	50	500	N	<20	20	20	10
BM135SS	1.5	N	20	70	10	150	700	N	<20	20	50	15
BM136SS	1.5	N	15	50	15	100	500	N	N	15	50	10
BM137SS	2.0	N	20	50	15	70	500	N	<20	20	30	20
BM138SS	2.0	N	20	30	15	70	700	N	<20	20	50	15
BM201SS	1.5	N	50	200	30	100	500	N	<20	30	20	10

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
BM021SS	150	N	70	20	N	150	N	--	50	--
BM022SS	500	N	70	20	N	100	.007	--	35	--
BM023SS	500	N	50	20	N	150	.010	--	50	--
BM024SS	200	N	70	20	N	100	.008	--	50	--
BM025SS	200	N	50	20	N	100	.008	--	45	--
BM026SS	500	N	70	15	N	150	.007	--	35	--
BM101SS	500	N	200	50	N	300	N	--	40	--
BM102SS	500	N	50	15	N	200	N	--	40	--
BM103SS	500	N	50	20	N	100	N	--	55	--
BM104SS	700	N	100	30	N	100	.003	--	55	--
BM105SS	500	N	50	20	N	100	.007	--	85	--
BM106SS	500	N	50	20	N	200	.005	--	65	--
BM107SS	500	N	70	20	N	150	.004	--	70	--
BM108SS	500	N	50	20	N	150	N	--	65	--
BM109SS	300	N	70	15	N	150	.002	--	75	--
BM110SS	500	N	70	20	N	500	<.002	--	40	--
BM111SS	500	<100	70	30	N	150	.004	--	45	--
BM112SS	700	<100	100	50	N	500	.005	--	30	--
BM113SS	500	N	50	15	N	150	N	--	30	--
BM114SS	700	N	100	20	N	150	N	--	65	--
BM115SS	500	100	150	20	N	150	.005	--	35	--
BM116SS	700	N	100	20	N	200	.003	--	30	--
BM117SS	500	<100	150	20	N	200	N	--	50	--
BM118SS	200	N	70	20	N	300	.002	--	50	--
BM119SS	200	N	70	20	N	200	.003	--	50	--
BM120SS	150	N	50	20	N	200	.003	--	85	--
BM121SS	150	N	10	<10	N	30	N	--	20	--
BM122SS	200	N	20	10	N	70	N	--	30	--
BM123SS	500	N	20	10	N	70	N	--	55	--
BM124SS	300	N	70	15	N	150	N	--	40	--
BM125SS	200	N	30	15	N	70	N	--	30	--
BM126SS	200	N	20	10	N	30	N	--	20	--
BM127SS	500	N	30	15	N	100	<.002	--	35	--
BM128SS	300	N	30	15	N	100	N	--	25	--
BM129SS	150	N	100	30	N	500	N	--	55	--
BM130SS	150	N	100	50	N	500	.003	--	55	--
BM131SS	150	N	70	20	N	300	.002	--	75	--
BM132SS	200	N	70	20	N	150	.006	--	55	--
BM133SS	200	N	100	30	N	200	N	--	75	--
BM134SS	200	N	70	20	N	200	<.002	--	95	--
BM135SS	300	N	70	20	N	150	.007	--	40	--
BM136SS	500	N	70	20	N	200	.008	--	40	--
BM137SS	200	N	70	30	N	200	.020	--	50	--
BM138SS	200	N	70	20	N	150	.007	--	45	--
BM201SS	300	N	500	30	N	>1,000	N	--	25	5.80

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BM202SS	37 28 0	118 0 49	410,360	4,146,920	2.0	10.0	1.00	.70	N	N	10	300
BM203SS	37 28 1	118 0 54	410,240	4,146,960	2.0	5.0	1.50	.50	N	N	15	200
BM204SS	37 27 51	118 0 19	411,090	4,146,650	1.5	3.0	1.00	.50	N	N	20	300
BM205SS	37 27 11	118 0 5	411,410	4,145,410	1.5	5.0	1.00	.50	N	N	10	300
BM206SS	37 29 11	118 13 58	390,990	4,149,350	10.0	2.0	1.00	.20	N	N	30	200
BM207SS	37 29 9	118 13 56	391,060	4,149,290	10.0	1.5	1.00	.20	N	N	50	200
BM208SS	37 29 1	118 14 4	390,840	4,149,060	10.0	1.5	1.00	.20	N	N	50	200
BM209SS	37 27 31	118 6 12	402,400	4,146,120	2.0	3.0	1.00	.30	N	N	50	500
BM210SS	37 26 6	118 5 20	403,650	4,143,500	10.0	1.5	3.00	.20	N	N	50	200
BM211SS	37 25 52	118 4 50	404,400	4,143,060	10.0	1.0	5.00	.15	N	N	50	150
BM212SS	37 27 5	118 6 45	401,580	4,145,340	1.5	2.0	1.00	.30	N	N	50	300
BM213SS	37 25 55	118 4 48	404,430	4,143,150	10.0	2.0	5.00	.30	N	N	50	200
BM214SS	37 25 48	118 3 55	405,730	4,142,920	1.5	5.0	1.00	.50	N	N	10	700
BM215SS	37 25 29	118 3 58	405,650	4,142,330	1.0	2.0	1.00	.50	N	N	50	500
BM216SS	37 25 16	118 3 17	406,670	4,141,910	5.0	5.0	1.50	.70	N	N	15	300
BM217SS	37 25 17	118 3 13	406,760	4,141,940	3.0	7.0	2.00	.70	N	N	10	700
BM218SS	37 26 45	118 2 40	407,610	4,144,650	2.0	10.0	1.50	.70	N	N	15	500
BM219SS	37 26 20	118 2 35	407,710	4,143,890	2.0	7.0	1.50	1.00	N	N	10	300
BM220SS	37 25 33	118 1 26	409,390	4,142,400	2.0	3.0	1.50	.70	N	N	20	300
BM221SS	37 27 43	118 14 49	389,720	4,146,670	10.0	2.0	.70	.30	N	N	50	300
BM222SS	37 25 41	118 14 30	390,130	4,142,890	5.0	1.5	1.00	.20	N	N	50	300
BM223SS	37 21 26	118 5 37	403,130	4,134,880	15.0	1.0	5.00	.15	N	N	10	150
BM224SS	37 21 30	118 5 35	403,180	4,134,990	10.0	1.5	7.00	.20	N	N	10	150
BM225SS	37 20 5	118 5 11	403,760	4,132,380	20.0	1.0	7.00	.10	N	N	15	200
BM226SS	37 19 30	118 6 12	402,230	4,131,320	7.0	2.0	2.00	.50	N	N	100	500
BM227SS	37 19 5	118 6 27	401,850	4,130,540	.5	5.0	.70	1.00	N	N	30	300
BM228SS	37 17 37	118 11 22	394,570	4,127,930	3.0	2.0	1.00	.20	N	N	70	300
BM229SS	37 17 34	118 11 21	394,580	4,127,830	1.0	3.0	.70	.30	N	N	50	300
BM230SS	37 17 45	118 12 12	393,340	4,128,180	10.0	1.5	1.00	.15	N	N	50	150
BM231SS	37 17 42	118 12 11	393,360	4,128,070	3.0	2.0	1.00	.30	N	N	70	300
BM232SS	37 25 10	118 13 25	391,710	4,141,930	2.0	1.5	.70	.20	N	N	50	200
BM301SS	37 28 56	118 2 30	407,900	4,148,690	2.0	5.0	1.50	.70	N	N	20	200
BM302SS	37 29 0	118 2 32	407,850	4,148,800	3.0	10.0	2.00	1.00	N	N	10	200
BM303SS	37 25 33	118 9 9	398,020	4,142,530	5.0	2.0	3.00	.30	N	N	50	300
BM304SS	37 25 58	118 9 9	398,030	4,143,310	15.0	1.5	7.00	.10	N	N	15	150
BM305SS	37 26 8	118 8 59	398,280	4,143,630	10.0	1.5	3.00	.15	N	N	30	200
BM306SS	37 26 15	118 9 2	398,200	4,143,850	5.0	2.0	2.00	.50	N	N	50	200
BM307SS	37 24 58	118 2 20	408,050	4,141,360	5.0	3.0	2.00	.50	N	N	20	300
BM308SS	37 24 32	118 2 22	407,990	4,140,550	2.0	3.0	1.50	.70	N	N	15	700
BM309SS	37 24 9	118 2 35	407,660	4,139,850	2.0	7.0	1.50	.70	N	N	20	500
BM310SS	37 23 26	118 2 48	407,340	4,138,530	2.0	3.0	1.00	.70	.5	N	20	500
BM311SS	37 22 58	118 1 20	409,490	4,137,650	2.0	10.0	1.00	1.00	N	N	10	500
BM312SS	37 23 38	118 12 31	393,000	4,139,060	1.0	2.0	1.00	.30	N	N	100	300
BM313SS	37 23 47	118 12 28	393,090	4,139,330	.7	3.0	1.00	.50	N	N	100	300
BM314SS	37 24 3	118 13 15	391,940	4,139,860	1.0	2.0	1.00	.50	N	N	70	500

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BM202SS	2.0	N	20	50	20	150	700	N	20	30	20	15
BM203SS	2.0	N	15	70	15	100	500	N	20	20	15	15
BM204SS	3.0	N	20	50	15	100	700	N	20	30	20	15
BM205SS	2.0	N	20	30	15	100	700	N	20	15	20	10
BM206SS	2.0	N	10	30	15	70	500	5	<20	20	30	10
BM207SS	2.0	N	7	30	15	50	500	N	<20	15	20	10
BM208SS	2.0	N	10	30	10	30	500	N	N	20	30	10
BM209SS	2.0	N	20	300	15	70	700	5	<20	70	20	20
BM210SS	1.5	N	10	50	15	70	700	N	N	30	30	15
BM211SS	1.5	N	7	30	7	50	500	N	N	15	30	7
BM212SS	2.0	N	15	70	20	70	500	N	<20	30	30	15
BM213SS	1.0	N	10	50	10	50	500	N	<20	20	50	15
BM214SS	2.0	N	10	20	15	100	300	N	<20	20	15	7
BM215SS	2.0	N	10	20	20	70	500	N	<20	20	30	10
BM216SS	2.0	N	15	30	30	100	700	N	20	20	20	15
BM217SS	2.0	N	15	50	30	100	500	N	20	15	20	15
BM218SS	1.5	N	15	50	30	100	500	N	<20	30	20	20
BM219SS	2.0	N	15	100	15	150	500	N	20	20	20	15
BM220SS	2.0	N	15	70	10	100	700	N	20	30	20	20
BM221SS	2.0	N	15	50	15	70	300	N	<20	20	20	10
BM222SS	1.5	N	10	30	10	50	300	N	<20	20	20	10
BM223SS	1.0	N	7	50	15	50	500	<5	N	10	20	7
BM224SS	<1.0	N	7	20	10	30	700	N	N	10	20	5
BM225SS	1.5	N	<5	15	7	50	500	N	N	5	20	5
BM226SS	1.5	N	10	50	15	50	500	N	<20	20	20	15
BM227SS	1.5	N	15	50	30	70	500	N	20	20	15	10
BM228SS	2.0	N	20	70	15	70	500	N	<20	30	50	15
BM229SS	1.5	N	15	50	10	50	700	N	<20	20	30	15
BM230SS	1.5	N	15	50	7	70	500	N	N	15	20	15
BM231SS	2.0	N	20	50	15	70	500	N	<20	20	50	20
BM232SS	2.0	N	20	50	10	70	500	N	<20	20	30	15
BM301SS	2.0	N	15	70	10	100	500	N	20	30	20	20
BM302SS	2.0	N	15	100	10	200	500	N	20	20	20	20
BM303SS	1.5	N	10	50	15	70	500	N	N	15	30	15
BM304SS	1.0	N	7	30	10	50	500	N	N	15	20	7
BM305SS	1.0	N	5	30	7	50	500	N	N	15	20	7
BM306SS	1.5	N	7	30	10	50	500	N	<20	20	20	10
BM307SS	1.5	N	15	50	20	100	500	N	<20	20	30	15
BM308SS	1.5	N	15	30	20	100	500	N	<20	15	20	15
BM309SS	2.0	N	20	50	50	100	700	N	<20	20	20	20
BM310SS	2.0	N	20	30	50	150	700	N	<20	20	30	15
BM311SS	1.5	N	20	30	30	150	500	N	20	30	20	20
BM312SS	2.0	N	10	30	10	50	300	N	<20	20	20	15
BM313SS	2.0	N	20	50	20	70	700	5	20	30	50	15
BM314SS	2.0	N	10	30	10	70	300	N	<20	20	20	10

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
BM202SS	500	N	200	20	N	500	N	--	40	3.40
BM203SS	500	N	150	20	N	200	N	--	35	1.40
BM204SS	500	N	100	20	N	200	.002	--	55	2.00
BM205SS	500	N	150	20	N	300	<.002	--	60	2.20
BM206SS	500	N	50	15	N	100	N	--	35	.35
BM207SS	500	N	50	20	N	150	N	--	35	.39
BM208SS	500	N	50	20	N	100	N	--	40	.96
BM209SS	300	N	70	20	N	200	.004	--	55	--
BM210SS	300	N	50	20	N	100	<.002	--	65	--
BM211SS	200	N	30	15	N	70	N	--	40	--
BM212SS	500	N	70	20	N	100	<.002	--	95	--
BM213SS	500	N	70	20	N	200	N	--	30	--
BM214SS	700	N	70	15	N	150	N	--	50	--
BM215SS	500	N	70	15	N	100	N	--	75	--
BM216SS	1,000	N	100	20	N	300	N	--	50	--
BM217SS	700	N	150	20	N	300	N	--	70	--
BM218SS	500	N	150	20	N	300	N	--	50	--
BM219SS	500	N	150	30	N	1,000	<.002	--	45	--
BM220SS	700	N	100	30	N	200	N	--	40	--
BM221SS	500	N	70	20	N	150	N	--	40	--
BM222SS	200	N	70	15	N	100	N	--	40	--
BM223SS	500	N	50	15	N	100	N	--	45	--
BM224SS	200	N	50	15	N	100	N	--	25	--
BM225SS	300	N	30	15	N	100	N	--	45	--
BM226SS	300	N	70	30	N	200	N	--	50	--
BM227SS	150	N	100	20	N	700	N	--	50	--
BM228SS	200	N	70	30	N	150	.011	--	40	--
BM229SS	200	N	100	20	N	200	.008	--	40	--
BM230SS	500	N	50	20	N	100	.013	--	40	--
BM231SS	300	N	70	20	N	150	.006	--	50	--
BM232SS	200	N	70	20	N	150	.005	--	45	--
BM301SS	500	N	100	20	N	300	N	--	50	--
BM302SS	500	N	150	30	N	200	N	--	55	--
BM303SS	200	N	50	20	N	150	N	--	60	--
BM304SS	200	N	30	15	N	70	N	--	25	--
BM305SS	300	N	50	15	N	100	<.002	--	35	--
BM306SS	200	N	50	20	N	200	N	--	40	--
BM307SS	500	N	100	20	N	200	<.002	--	60	--
BM308SS	700	N	100	15	N	200	.210	--	60	--
BM309SS	700	N	150	20	N	200	N	--	90	--
BM310SS	500	N	70	20	N	100	<.002	--	100	--
BM311SS	700	N	150	20	N	500	<.002	--	75	--
BM312SS	200	N	70	20	N	300	N	--	40	--
BM313SS	200	N	100	20	N	200	.006	--	65	--
BM314SS	200	N	50	20	N	100	N	--	60	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
BM315SS	37 24 9	118 13 32	391,510	4,140,040	15.0	2.0	1.00	.30	N	N	100	300
BM316SS	37 18 47	118 10 20	396,120	4,130,040	5.0	2.0	1.50	.30	N	N	100	500
BM317SS	37 18 56	118 9 58	396,650	4,130,330	2.0	3.0	.70	.50	N	N	70	300
BM318SS	37 18 46	118 9 19	397,620	4,130,010	5.0	3.0	1.00	.50	N	N	100	500
BM319SS	37 19 14	118 9 30	397,350	4,130,880	.7	2.0	1.00	.50	N	N	70	300
BM320SS	37 18 58	118 9 14	397,740	4,130,360	5.0	2.0	3.00	.50	N	N	30	300
BM321SS	37 21 52	118 12 17	393,310	4,135,790	1.0	1.5	1.00	.20	N	N	70	200
BM322SS	37 21 52	118 12 22	393,190	4,135,790	2.0	2.0	1.00	.20	N	N	50	300
BM323SS	37 20 29	118 12 14	393,340	4,133,240	2.0	2.0	1.50	.20	N	N	70	300
BM324SS	37 20 30	118 12 18	393,240	4,133,270	3.0	2.0	1.00	.30	N	N	70	300
BM325SS	37 19 51	118 12 52	392,410	4,132,060	5.0	2.0	1.50	.50	N	N	30	150
BM326SS	37 19 27	118 12 58	392,250	4,131,350	3.0	3.0	1.50	.50	N	N	50	300
BM327SS	37 19 27	118 13 3	392,120	4,131,330	3.0	1.5	1.00	.20	N	N	50	200
BM328SS	37 19 19	118 13 4	392,090	4,131,100	7.0	2.0	1.00	.30	N	N	50	200
BM329SS	37 22 1	118 14 52	389,490	4,136,110	3.0	2.0	1.00	.30	N	N	100	300
BM330SS	37 15 3	118 12 19	393,090	4,123,180	10.0	1.5	.70	.20	N	N	50	150
BM331SS	37 15 0	118 10 29	395,800	4,123,070	2.0	2.0	1.00	.30	N	N	70	300
BM332SS	37 15 7	118 9 47	396,840	4,123,270	5.0	2.0	1.00	.30	N	N	70	300
BM333SS	37 15 54	118 9 23	397,450	4,124,710	2.0	2.0	1.00	.20	N	N	50	300
BM334SS	37 15 3	118 12 14	393,210	4,123,200	3.0	1.5	1.00	.15	N	N	50	200
BP101SS	37 14 2	118 15 21	388,590	4,121,380	3.0	2.0	1.00	.50	N	N	70	300
DM003SS	37 46 17	118 14 22	390,820	4,180,970	.5	3.0	1.00	.30	N	N	20	300
DM004SS	37 46 3	118 14 19	390,890	4,180,550	.5	5.0	.50	.50	N	N	15	300
DM005SS	37 47 28	118 12 26	393,690	4,183,140	1.0	2.0	1.00	.20	N	N	20	500
DM101SS	37 51 1	118 14 46	390,350	4,189,750	1.5	3.0	1.00	.50	N	N	30	500
DM102SS	37 45 23	118 13 40	391,830	4,179,290	7.0	1.5	5.00	.10	.5	N	30	300
DM103SS	37 46 25	118 12 59	392,860	4,181,200	.3	10.0	.20	1.00	N	N	<10	500
DM104SS	37 49 6	118 14 30	390,700	4,186,190	.5	2.0	.20	.30	N	N	20	500
DM201SS	37 46 24	118 12 57	392,900	4,181,160	7.0	2.0	3.00	.20	3.0	N	20	500
DM202SS	37 48 43	118 14 26	390,800	4,185,470	.2	.7	.15	.20	N	N	15	150
DM203SS	37 49 20	118 13 46	391,780	4,186,610	.3	.7	.15	.15	N	N	15	200
DM204SS	37 46 15	118 10 36	396,360	4,180,840	2.0	3.0	1.00	.30	.5	N	50	500
DM205SS	37 45 37	118 10 29	396,520	4,179,680	2.0	3.0	1.00	.50	N	N	15	500
DM301SS	37 50 29	118 14 2	391,420	4,188,730	1.0	1.0	.20	.20	N	N	10	500
MB001SS	37 44 45	118 12 16	393,880	4,178,100	10.0	2.0	2.00	.20	2.0	N	50	500
MB002SS	37 44 44	118 11 2	395,690	4,178,040	7.0	2.0	2.00	.50	2.0	N	20	700
MB003SS	37 44 35	118 10 56	395,820	4,177,770	2.0	2.0	1.00	.20	N	N	15	300
MB004SS	37 43 6	118 14 22	390,760	4,175,100	.5	2.0	.50	.30	N	N	20	300
MB005SS	37 42 20	118 12 39	393,260	4,173,640	1.0	5.0	1.00	.50	N	N	15	1,000
MB006SS	37 42 14	118 12 28	393,510	4,173,470	1.5	5.0	1.50	.50	N	N	10	500
MB007SS	37 38 55	118 12 55	392,790	4,167,330	1.5	3.0	.70	.50	N	N	15	300
MB008SS	37 39 53	118 12 11	393,890	4,169,100	1.0	3.0	.70	.50	N	N	10	300
MB009SS	37 39 59	118 12 3	394,070	4,169,280	.7	2.0	.50	.20	N	N	15	300
MB010SS	37 39 48	118 9 35	397,690	4,168,890	1.0	2.0	.50	.20	N	N	15	300
MB011SS	37 39 26	118 8 14	399,680	4,168,190	1.0	.7	.20	.10	N	N	10	200

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
BM315SS	2.0	N	15	50	20	70	500	N	N	30	30	20
BM316SS	2.0	N	20	70	20	70	500	N	<20	30	30	15
BM317SS	1.5	N	20	70	15	70	500	N	<20	20	20	15
BM318SS	2.0	N	20	50	20	70	500	N	<20	30	30	20
BM319SS	2.0	N	10	50	20	50	500	N	<20	20	30	10
BM320SS	1.5	N	10	30	15	50	500	N	<20	20	20	10
BM321SS	2.0	N	15	30	10	100	500	N	<20	20	30	15
BM322SS	2.0	N	15	50	10	100	500	N	<20	20	30	15
BM323SS	2.0	N	15	50	10	70	700	N	<20	20	70	15
BM324SS	2.0	N	15	50	10	70	500	N	<20	20	50	10
BM325SS	2.0	N	15	30	10	70	500	N	<20	20	30	15
BM326SS	1.5	N	20	50	10	70	500	N	<20	20	30	15
BM327SS	2.0	N	15	30	10	70	500	N	<20	15	50	15
BM328SS	1.5	N	15	70	10	100	500	N	<20	20	50	15
BM329SS	2.0	N	20	50	15	100	500	N	<20	20	30	20
BM330SS	1.5	N	15	30	10	70	300	N	N	15	50	10
BM331SS	2.0	N	20	50	10	70	500	N	<20	20	30	15
BM332SS	2.0	N	15	50	15	70	500	N	<20	20	50	10
BM333SS	2.0	N	15	50	10	70	700	N	<20	30	50	15
BM334SS	2.0	N	15	30	10	70	500	N	<20	20	30	15
BP101SS	1.5	N	20	50	15	70	500	N	<20	30	20	15
DM003SS	2.0	N	15	50	30	100	500	7	<20	20	30	20
DM004SS	2.0	N	10	20	10	100	200	<5	<20	10	20	10
DM005SS	2.0	N	10	50	15	70	300	N	N	30	30	10
DM101SS	1.5	N	15	50	20	70	500	N	<20	30	30	10
DM102SS	3.0	N	10	30	20	30	700	5	N	20	50	10
DM103SS	2.0	N	10	70	10	150	500	<5	30	15	20	7
DM104SS	3.0	N	N	10	5	70	500	N	<20	<5	50	7
DM201SS	2.0	N	10	30	20	50	500	7	<20	20	150	15
DM202SS	3.0	N	<5	10	5	70	200	N	30	5	15	5
DM203SS	2.0	N	<5	<10	5	100	200	N	<20	5	15	7
DM204SS	2.0	N	15	50	20	70	700	7	<20	20	50	15
DM205SS	3.0	N	15	30	20	100	700	7	20	20	30	15
DM301SS	2.0	N	<5	20	<5	70	300	N	<20	<5	15	7
MB001SS	2.0	N	15	50	15	50	300	7	<20	30	30	15
MB002SS	2.0	N	15	30	20	100	500	10	<20	20	30	15
MB003SS	3.0	N	10	30	15	70	500	5	<20	15	20	10
MB004SS	2.0	N	7	20	15	70	200	5	20	10	20	10
MB005SS	2.0	N	10	30	30	70	500	5	20	20	20	20
MB006SS	2.0	N	20	50	20	70	500	N	<20	15	20	20
MB007SS	2.0	N	10	20	20	100	500	N	20	15	15	10
MB008SS	1.5	N	10	30	15	100	500	N	<20	10	20	15
MB009SS	3.0	N	10	20	7	70	200	N	<20	10	20	10
MB010SS	2.0	N	<5	10	5	150	300	N	<20	5	30	7
MB011SS	3.0	N	N	<10	<5	50	200	N	N	5	20	5

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
BM315SS	500	N	70	30	N	150	.004	--	55	--
BM316SS	200	N	70	20	N	150	N	--	60	--
BM317SS	200	N	70	20	N	150	N	--	60	--
BM318SS	200	N	100	30	N	150	<.002	--	55	--
BM319SS	200	N	50	30	N	200	.004	--	60	--
BM320SS	200	N	70	20	N	500	.002	--	40	--
BM321SS	200	N	50	20	N	150	.006	--	45	--
BM322SS	200	N	70	20	N	150	.006	--	50	--
BM323SS	200	N	70	20	N	150	.008	--	55	--
BM324SS	200	N	50	20	N	150	.009	--	45	--
BM325SS	300	N	70	30	N	150	.010	--	45	--
BM326SS	200	N	100	20	N	200	.011	--	45	--
BM327SS	300	N	70	20	N	200	.007	--	55	--
BM328SS	300	N	70	20	N	200	.005	--	40	--
BM329SS	200	N	70	20	N	150	.007	--	50	--
BM330SS	500	N	50	20	N	100	.007	--	30	--
BM331SS	200	N	70	20	N	200	.004	--	50	--
BM332SS	300	N	70	15	N	150	.010	--	40	--
BM333SS	300	N	70	15	N	150	.004	--	45	--
BM334SS	500	N	50	15	N	100	.007	--	45	--
BP101SS	200	N	70	20	N	200	.006	--	40	--
DM003SS	150	N	100	20	N	100	N	.10	80	--
DM004SS	150	N	70	20	N	100	N	.20	25	--
DM005SS	500	N	70	20	N	100	.002	.04	35	--
DM101SS	300	N	70	15	N	150	N	.20	40	--
DM102SS	500	N	50	15	N	50	.003	.20	70	--
DM103SS	100	N	100	50	N	1,000	<.002	.04	20	--
DM104SS	300	N	50	15	N	300	N	.08	30	--
DM201SS	700	N	70	15	<200	70	.002	.22	150	--
DM202SS	150	N	30	20	N	150	N	.04	10	--
DM203SS	200	N	30	20	N	150	N	.08	20	--
DM204SS	500	N	100	15	N	200	N	.28	100	--
DM205SS	500	N	100	15	N	200	N	.24	70	--
DM301SS	500	N	50	20	N	300	.012	.04	30	--
MB001SS	500	N	50	20	N	100	N	--	100	--
MB002SS	500	N	100	20	N	200	N	--	65	--
MB003SS	500	N	70	15	N	200	N	--	75	--
MB004SS	100	N	50	20	N	300	N	--	25	--
MB005SS	300	N	100	30	N	1,000	N	--	40	--
MB006SS	500	N	100	20	N	300	N	--	75	--
MB007SS	300	N	100	20	N	700	N	--	35	--
MB008SS	500	N	100	15	N	200	.003	--	30	--
MB009SS	300	N	50	20	N	100	N	--	35	--
MB010SS	500	N	50	15	N	150	N	--	40	--
MB011SS	500	N	30	20	N	70	N	--	25	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
MB012SS	37 37 47	118 11 50	394,340	4,165,210	1.5	5.0	1.00	.50	N	N	20	300
MB013SS	37 37 41	118 11 47	394,430	4,165,040	3.0	5.0	1.50	.70	N	N	50	500
MB014SS	37 38 16	118 10 33	396,250	4,166,100	1.5	5.0	1.00	.50	N	N	20	300
MB015SS	37 38 20	118 10 34	396,230	4,166,210	2.0	7.0	2.00	.70	N	N	50	500
MB016SS	37 38 58	118 9 28	397,850	4,167,370	1.0	1.5	.50	.20	N	N	15	500
MB017SS	37 39 4	118 8 27	399,360	4,167,530	2.0	5.0	1.50	.50	N	N	30	500
MB018SS	37 30 28	118 10 59	395,430	4,151,680	2.0	2.0	2.00	.20	N	N	30	200
MB019SS	37 30 33	118 10 56	395,490	4,151,820	10.0	2.0	10.00	.10	N	N	30	150
MB020SS	37 30 59	118 10 15	396,520	4,152,600	7.0	1.5	5.00	.15	N	N	30	200
MB021SS	37 31 42	118 9 46	397,240	4,153,940	10.0	1.0	2.00	.10	N	N	20	150
MB022SS	37 31 49	118 9 48	397,190	4,154,150	10.0	1.0	10.00	.10	N	N	N	70
MB023SS	37 32 40	118 5 9	404,060	4,155,620	1.5	5.0	1.50	.30	N	N	30	300
MB024SS	37 32 44	118 5 12	403,990	4,155,770	1.5	3.0	1.00	.30	N	N	20	300
MB025SS	37 32 59	118 3 51	405,990	4,156,200	1.0	2.0	1.00	.50	N	N	15	500
MB026SS	37 33 4	118 3 54	405,910	4,156,360	.7	2.0	1.00	.30	N	N	20	300
MB027SS	37 33 11	118 1 39	409,230	4,156,530	1.5	3.0	1.00	.30	N	N	15	500
MB028SS	37 33 5	118 1 46	409,060	4,156,360	2.0	3.0	1.50	.30	N	N	15	500
MB029SS	37 42 43	118 11 44	394,600	4,174,340	.5	3.0	1.00	.50	N	N	15	700
MB030SS	37 43 45	118 9 30	397,920	4,176,220	3.0	2.0	1.00	.50	N	N	15	500
MB101SS	37 43 14	118 12 36	393,360	4,175,310	1.0	3.0	.70	.30	N	N	10	300
MB102SS	37 43 29	118 10 50	395,960	4,175,740	7.0	2.0	5.00	.15	N	N	30	500
MB103SS	37 43 34	118 9 58	397,220	4,175,860	5.0	3.0	2.00	.50	N	N	20	500
MB104SS	37 36 55	118 10 0	397,020	4,163,574	2.0	5.0	1.50	.70	N	N	20	200
MB105SS	37 38 12	118 7 30	400,720	4,165,906	10.0	2.0	5.00	.20	<.5	N	30	200
MB106SS	37 38 30	118 7 28	400,790	4,166,447	7.0	3.0	5.00	.15	N	N	15	150
MB107SS	37 38 12	118 6 3	402,870	4,165,877	2.0	3.0	1.50	.70	N	N	50	300
MB108SS	37 37 25	118 10 26	396,390	4,164,525	1.5	2.0	1.00	.30	N	N	30	500
MB109SS	37 37 28	118 10 27	396,380	4,164,611	1.5	3.0	.70	.30	N	N	20	300
MB110SS	37 37 36	118 10 0	397,030	4,164,839	.7	2.0	.70	.20	N	N	20	300
MB111SS	37 37 41	118 9 45	397,410	4,165,000	2.0	3.0	1.50	.20	N	N	30	500
MB112SS	37 37 40	118 9 44	397,440	4,164,972	1.0	5.0	.70	.30	N	N	30	500
MB113SS	37 35 17	118 3 35	406,430	4,160,460	2.0	5.0	2.00	.50	N	N	10	500
MB114SS	37 35 17	118 3 32	406,500	4,160,450	1.0	5.0	1.00	.50	N	N	10	300
MB115SS	37 35 0	118 2 48	407,580	4,159,920	1.5	2.0	1.50	.30	N	N	15	500
MB116SS	37 34 34	118 2 25	408,130	4,159,110	.7	2.0	.50	.20	N	N	<10	200
MB117SS	37 34 10	118 1 54	408,880	4,158,340	1.5	2.0	1.00	.50	N	N	10	500
MB118SS	37 34 8	118 12 25	393,390	4,158,470	10.0	1.5	5.00	.20	N	N	20	300
MB119SS	37 34 24	118 11 59	394,040	4,158,950	10.0	1.5	5.00	.15	N	N	20	150
MB120SS	37 33 31	118 10 21	396,420	4,157,290	7.0	2.0	3.00	.20	N	N	20	200
MB121SS	37 41 46	118 7 21	401,040	4,172,490	7.0	2.0	2.00	.30	N	N	15	300
MB122SS	37 32 51	118 8 41	398,880	4,156,020	7.0	3.0	3.00	.30	N	N	30	300
MB123SS	37 31 55	118 8 34	399,030	4,154,310	10.0	15.0	5.00	.30	N	N	<10	100
MB124SS	37 31 55	118 8 3	399,790	4,154,290	1.5	5.0	1.50	.50	N	N	20	300
MB125SS	37 30 46	118 2 25	408,050	4,152,090	2.0	7.0	.70	.50	N	N	<10	300
MB126SS	37 31 24	118 0 3	411,540	4,153,210	1.0	2.0	.50	.20	N	N	15	500

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
MB012SS	1.5	N	15	50	10	70	700	N	<20	10	50	20
MB013SS	3.0	N	20	50	50	100	700	N	<20	20	20	30
MB014SS	3.0	N	15	50	20	50	700	N	<20	15	20	15
MB015SS	1.5	N	15	50	30	100	700	N	<20	15	20	20
MB016SS	2.0	N	5	10	5	100	200	<5	<20	7	20	7
MB017SS	2.0	N	20	70	30	100	700	N	<20	20	20	30
MB018SS	2.0	N	10	20	10	50	300	<5	<20	15	20	10
MB019SS	1.0	N	7	30	10	<20	1,000	5	N	10	50	10
MB020SS	3.0	N	5	20	10	50	1,000	N	<20	15	30	10
MB021SS	1.5	N	5	20	7	50	300	<5	N	10	20	7
MB022SS	<1.0	N	N	15	5	20	500	N	N	<5	20	5
MB023SS	2.0	N	20	150	20	150	700	N	<20	50	50	15
MB024SS	2.0	N	20	200	15	70	500	N	<20	70	30	15
MB025SS	1.5	N	15	50	10	150	500	N	<20	20	30	15
MB026SS	2.0	N	15	100	10	100	300	<5	<20	30	20	10
MB027SS	2.0	N	15	30	15	150	500	<5	<20	20	20	15
MB028SS	1.5	N	15	30	15	100	500	N	<20	15	15	20
MB029SS	2.0	N	15	20	15	70	300	<5	<20	10	20	10
MB030SS	2.0	N	15	30	15	70	500	<5	<20	15	20	10
MB101SS	1.5	N	10	20	20	100	500	<5	20	10	20	15
MB102SS	2.0	N	10	30	15	70	300	5	<20	15	20	10
MB103SS	2.0	N	20	50	30	100	500	7	<20	30	20	10
MB104SS	3.0	N	15	50	20	100	700	5	20	15	30	20
MB105SS	1.0	N	15	30	20	70	700	N	<20	10	20	15
MB106SS	1.0	N	15	150	20	50	500	5	N	30	30	15
MB107SS	2.0	N	20	30	30	70	500	N	<20	20	20	20
MB108SS	2.0	N	10	50	15	50	700	5	<20	15	20	20
MB109SS	2.0	N	10	50	20	50	500	5	<20	10	50	15
MB110SS	3.0	N	5	15	7	50	500	N	<20	7	50	7
MB111SS	2.0	N	10	30	15	70	500	N	N	10	50	15
MB112SS	2.0	N	10	50	10	50	300	N	<20	7	20	10
MB113SS	1.5	N	20	100	15	150	500	N	<20	20	20	20
MB114SS	2.0	N	15	50	15	100	500	N	<20	15	30	15
MB115SS	5.0	N	15	20	20	100	700	<5	<20	20	20	15
MB116SS	3.0	N	7	20	7	70	500	N	20	7	50	7
MB117SS	2.0	N	15	20	10	150	500	N	<20	20	15	20
MB118SS	2.0	N	7	20	15	50	500	N	N	10	30	7
MB119SS	1.5	N	7	20	10	50	300	N	N	10	15	7
MB120SS	2.0	N	10	30	10	50	500	N	N	20	20	10
MB121SS	3.0	N	15	30	15	70	700	<5	<20	20	50	10
MB122SS	2.0	N	10	30	10	100	500	N	<20	15	20	15
MB123SS	<1.0	N	15	70	10	100	500	N	<20	15	20	7
MB124SS	2.0	N	20	50	15	100	500	N	<20	20	20	20
MB125SS	2.0	N	15	100	15	100	700	N	20	15	20	10
MB126SS	2.0	N	5	10	7	100	500	N	20	5	20	7

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
MB012SS	500	N	100	20	N	200	.003	--	40	--
MB013SS	700	N	100	20	N	200	.004	--	50	--
MB014SS	500	N	150	20	N	1,000	N	--	50	--
MB015SS	500	N	150	20	N	1,000	N	--	45	--
MB016SS	500	N	50	15	N	100	N	--	55	--
MB017SS	500	N	100	30	N	700	N	--	50	--
MB018SS	150	<100	70	20	N	150	N	--	35	--
MB019SS	150	N	50	15	N	150	.021	--	35	--
MB020SS	200	N	50	20	N	150	N	--	35	--
MB021SS	500	N	20	15	N	50	N	--	20	--
MB022SS	200	N	20	10	N	100	N	--	20	--
MB023SS	500	N	100	20	N	300	<.002	--	45	--
MB024SS	500	N	70	20	N	100	<.002	--	70	--
MB025SS	500	N	100	20	N	200	N	--	35	--
MB026SS	500	N	70	20	N	100	N	--	40	--
MB027SS	500	<100	100	20	N	200	<.002	--	50	--
MB028SS	700	N	100	20	N	200	N	--	40	--
MB029SS	200	N	100	20	N	500	.003	--	40	--
MB030SS	500	N	70	15	N	150	.004	--	50	--
MB101SS	500	N	70	20	N	150	N	--	40	--
MB102SS	500	N	70	15	N	100	N	--	45	--
MB103SS	500	N	70	20	N	100	N	--	60	--
MB104SS	500	N	100	20	N	700	.003	--	60	--
MB105SS	500	N	70	15	N	200	N	--	40	--
MB106SS	200	N	70	15	N	100	N	--	55	--
MB107SS	500	N	100	30	N	150	N	--	65	--
MB108SS	500	N	100	15	N	150	.002	--	35	--
MB109SS	500	N	100	15	N	700	.006	--	40	--
MB110SS	300	N	50	10	N	150	N	--	50	--
MB111SS	500	N	100	20	N	200	.003	--	25	--
MB112SS	300	N	100	15	N	200	.002	--	25	--
MB113SS	500	N	100	20	N	300	.003	--	55	--
MB114SS	500	N	100	20	N	700	N	--	45	--
MB115SS	700	N	70	15	N	200	N	--	65	--
MB116SS	300	N	70	10	N	200	N	--	35	--
MB117SS	500	N	100	20	N	200	N	--	45	--
MB118SS	200	N	50	20	N	150	<.002	--	25	--
MB119SS	200	N	50	10	N	70	N	--	25	--
MB120SS	300	N	70	20	N	100	.005	--	25	--
MB121SS	500	N	70	15	N	100	.002	--	30	--
MB122SS	500	N	100	20	N	200	.004	--	25	--
MB123SS	200	N	200	20	N	700	N	--	20	--
MB124SS	500	N	100	20	N	200	N	--	65	--
MB125SS	500	N	150	20	N	200	N	--	35	--
MB126SS	300	N	50	15	N	150	.003	--	25	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
MB128SS	37 31 58	118 0 1	411,610	4,154,260	1.0	2.0	1.00	.50	N	N	10	500
MB129SS	37 30 17	118 8 57	398,420	4,151,290	1.5	1.5	1.00	.20	N	N	15	300
MB130SS	37 30 15	118 8 58	398,400	4,151,220	1.5	1.5	.50	.20	N	N	10	500
MB131SS	37 30 13	118 8 32	399,020	4,151,160	2.0	5.0	1.50	.50	N	N	70	500
MB132SS	37 32 51	118 0 29	410,940	4,155,900	1.5	3.0	1.00	.30	N	N	15	700
MB133SS	37 43 1	118 8 51	398,850	4,174,830	5.0	3.0	3.00	.50	N	N	30	500
MB134SS	37 38 55	118 9 25	397,930	4,167,270	2.0	2.0	1.00	.50	N	N	20	500
MB135SS	37 40 1	118 10 33	396,290	4,169,330	1.0	5.0	.50	.50	N	N	10	200
MB201SS	37 44 51	118 13 54	391,490	4,178,310	5.0	2.0	1.00	.30	3.0	N	30	500
MB202SS	37 43 17	118 12 33	393,430	4,175,410	.7	2.0	1.00	.50	N	N	20	500
MB203SS	37 42 51	118 11 40	394,720	4,174,580	2.0	3.0	1.00	.30	N	N	20	500
MB204SS	37 43 1	118 11 11	395,430	4,174,880	1.5	5.0	1.50	.70	N	N	50	200
MB205SS	37 41 46	118 14 4	391,160	4,172,630	.2	2.0	.50	.30	N	N	50	500
MB206SS	37 41 48	118 14 6	391,100	4,172,700	.5	3.0	1.00	.50	N	N	10	700
MB207SS	37 42 14	118 12 41	393,200	4,173,460	.3	3.0	.70	.50	N	N	20	700
MB208SS	37 36 51	118 9 58	397,060	4,163,463	.5	1.0	.50	.15	N	N	10	300
MB209SS	37 37 57	118 8 33	399,180	4,165,469	10.0	5.0	2.00	.50	N	N	50	500
MB210SS	37 37 53	118 8 33	399,190	4,165,351	10.0	3.0	2.00	.30	N	N	30	300
MB211SS	37 39 22	118 8 7	399,850	4,168,090	1.5	7.0	2.00	.50	N	N	30	500
MB212SS	37 39 29	118 6 39	402,000	4,168,270	2.0	2.0	1.00	.30	N	N	10	300
MB213SS	37 39 53	118 6 21	402,460	4,169,010	1.5	2.0	.50	.15	N	N	15	300
MB214SS	37 40 46	118 6 24	402,400	4,170,640	7.0	2.0	2.00	.20	<.5	N	20	200
MB215SS	37 34 15	118 5 53	403,020	4,158,560	2.0	2.0	1.00	.20	N	N	10	500
MB216SS	37 34 29	118 4 49	404,590	4,159,000	1.5	3.0	.70	.30	N	N	10	500
MB217SS	37 34 32	118 4 51	404,550	4,159,090	1.0	2.0	.70	.20	N	N	10	300
MB218SS	37 38 25	118 5 23	403,850	4,166,274	5.0	2.0	1.50	.20	N	N	20	300
MB219SS	37 38 51	118 5 15	404,060	4,167,080	2.0	1.5	1.50	.15	N	N	10	200
MB220SS	37 39 2	118 5 24	403,830	4,167,420	2.0	1.5	.70	.15	N	N	30	500
MB221SS	37 34 8	118 12 28	393,340	4,158,480	5.0	1.5	5.00	.10	N	N	50	200
MB222SS	37 33 28	118 10 26	396,310	4,157,210	2.0	2.0	1.50	.50	N	N	30	300
MB223SS	37 32 46	118 10 14	396,590	4,155,910	5.0	2.0	3.00	.20	N	N	20	200
MB224SS	37 32 41	118 10 14	396,590	4,155,740	7.0	5.0	5.00	.30	N	N	15	200
MB225SS	37 41 50	118 7 24	400,950	4,172,630	1.0	3.0	1.00	.70	N	N	30	200
MB226SS	37 32 52	118 8 38	398,930	4,156,060	1.5	5.0	1.00	.70	N	N	15	200
MB227SS	37 31 57	118 8 29	399,130	4,154,360	7.0	2.0	2.00	.30	N	N	30	200
MB228SS	37 31 38	118 6 32	402,010	4,153,750	2.0	3.0	1.00	.50	N	N	15	200
MB229SS	37 30 45	118 2 25	408,040	4,152,030	2.0	3.0	1.00	.50	N	N	15	300
MB230SS	37 30 55	118 0 9	411,390	4,152,330	.2	.7	.20	.10	N	N	10	200
MB231SS	37 30 31	118 0 2	411,550	4,151,570	.5	.7	.30	.10	N	N	10	300
MB232SS	37 41 11	118 8 38	399,130	4,171,430	2.0	2.0	1.00	.30	N	N	20	300
MB301SS	37 39 25	118 13 56	391,290	4,168,260	.5	2.0	1.00	.30	.7	N	20	300
MB302SS	37 39 27	118 14 0	391,200	4,168,350	.5	2.0	1.00	.30	N	N	30	500
MB303SS	37 41 14	118 10 16	396,740	4,171,550	1.0	1.0	.15	.10	N	N	15	200
MB304SS	37 41 17	118 10 16	396,740	4,171,670	1.5	2.0	.70	.20	N	N	15	300
MB305SS	37 41 9	118 8 34	399,220	4,171,370	5.0	3.0	3.00	.50	.7	N	30	300

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
MB128SS	1.5	N	10	20	10	150	300	N	<20	20	20	10
MB129SS	2.0	N	7	15	10	70	500	N	<20	10	20	10
MB130SS	2.0	N	5	10	7	50	500	N	N	5	20	7
MB131SS	1.5	N	20	50	20	100	500	<5	<20	30	70	30
MB132SS	1.5	N	10	20	10	100	500	N	<20	15	50	10
MB133SS	2.0	N	20	70	20	70	500	7	<20	50	30	20
MB134SS	2.0	N	15	20	15	100	700	N	<20	10	20	15
MB135SS	1.5	N	10	15	7	200	300	N	<20	5	20	10
MB201SS	3.0	N	10	50	15	50	500	5	<20	30	30	15
MB202SS	1.5	N	15	50	20	70	300	7	<20	30	15	15
MB203SS	2.0	N	15	50	15	70	300	5	<20	20	20	15
MB204SS	1.5	N	20	100	30	100	500	N	<20	50	20	30
MB205SS	2.0	N	7	15	15	100	200	5	20	10	20	10
MB206SS	3.0	N	15	30	30	100	500	5	20	20	30	15
MB207SS	1.5	N	10	20	15	100	200	5	20	10	15	10
MB208SS	5.0	N	5	<10	10	30	500	5	<20	5	30	5
MB209SS	2.0	N	20	50	50	50	700	5	<20	30	15	30
MB210SS	1.5	N	10	30	20	100	700	N	N	7	20	20
MB211SS	1.5	N	20	50	30	100	700	N	<20	15	30	30
MB212SS	2.0	N	10	20	10	150	300	N	<20	7	20	10
MB213SS	2.0	N	5	<10	5	100	500	N	N	5	20	7
MB214SS	5.0	<10	10	20	15	50	700	N	N	10	50	10
MB215SS	2.0	N	10	15	10	50	500	N	<20	15	20	10
MB216SS	2.0	N	15	50	10	70	500	<5	<20	20	20	10
MB217SS	2.0	N	10	30	15	70	500	N	<20	10	20	7
MB218SS	3.0	N	10	20	15	70	300	N	<20	10	20	10
MB219SS	3.0	N	7	15	7	150	300	N	<20	7	50	10
MB220SS	3.0	N	5	10	15	70	300	10	<20	7	20	7
MB221SS	1.5	N	5	20	10	<20	700	<5	N	10	50	7
MB222SS	2.0	N	7	20	7	100	500	N	<20	10	20	15
MB223SS	1.0	N	10	50	10	150	500	<5	N	10	50	10
MB224SS	1.5	N	10	30	10	70	500	N	<20	10	20	7
MB225SS	2.0	N	15	50	30	50	500	<5	<20	30	20	20
MB226SS	2.0	N	15	100	20	150	500	N	20	30	15	20
MB227SS	5.0	N	10	20	10	100	500	N	<20	15	20	10
MB228SS	2.0	N	15	30	10	100	300	<5	20	20	20	15
MB229SS	1.5	N	15	15	10	100	500	5	<20	15	20	10
MB230SS	2.0	N	5	<10	10	70	300	N	<20	5	20	<5
MB231SS	3.0	N	N	<10	5	100	200	N	<20	7	20	5
MB232SS	20.0	N	10	20	10	70	500	N	N	10	30	10
MB301SS	2.0	N	10	20	10	100	300	<5	<20	15	20	20
MB302SS	3.0	N	10	30	20	70	500	7	<20	20	30	20
MB303SS	3.0	N	N	10	5	70	300	N	<20	5	20	5
MB304SS	2.0	N	10	15	10	70	500	N	<20	7	30	10
MB305SS	3.0	N	15	50	20	70	500	20	<20	30	50	15

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
MB128SS	500	N	70	20	N	150	N	--	45	--
MB129SS	500	N	50	15	N	150	N	--	40	--
MB130SS	500	N	50	15	N	100	<.002	--	55	--
MB131SS	500	N	100	30	N	500	N	--	50	--
MB132SS	500	N	70	15	N	100	<.002	--	45	--
MB133SS	300	N	70	15	N	100	N	--	55	--
MB134SS	500	N	100	15	N	200	.004	--	40	--
MB135SS	500	N	100	20	N	300	<.002	--	25	--
MB201SS	500	N	70	20	N	100	N	--	140	--
MB202SS	300	N	70	15	N	100	N	--	65	--
MB203SS	500	N	70	20	N	150	N	--	60	--
MB204SS	200	N	100	20	N	150	.245	--	70	--
MB205SS	200	N	50	30	N	150	N	--	35	--
MB206SS	200	N	100	30	N	300	N	--	65	--
MB207SS	100	N	70	30	N	500	<.002	--	35	--
MB208SS	300	N	50	10	N	150	N	--	40	--
MB209SS	300	N	300	30	N	200	N	--	65	--
MB210SS	500	N	70	20	N	100	.002	--	45	--
MB211SS	500	N	150	20	N	1,000	N	--	50	--
MB212SS	500	N	70	20	N	100	N	--	30	--
MB213SS	500	N	50	15	N	150	N	--	40	--
MB214SS	300	N	50	15	N	100	.003	--	45	--
MB215SS	500	N	70	15	N	100	N	--	45	--
MB216SS	500	N	70	20	N	200	N	--	45	--
MB217SS	500	N	50	15	N	100	N	--	50	--
MB218SS	200	N	70	15	N	200	N	--	30	--
MB219SS	500	N	50	15	N	100	.005	--	30	--
MB220SS	500	N	50	15	N	100	N	--	40	--
MB221SS	200	N	50	10	N	100	N	--	35	--
MB222SS	300	N	70	20	N	70	N	--	25	--
MB223SS	200	N	70	20	N	100	N	--	40	--
MB224SS	300	N	100	15	N	100	N	--	30	--
MB225SS	200	N	100	20	N	100	N	--	75	--
MB226SS	500	N	100	20	N	200	.005	--	40	--
MB227SS	500	<100	70	20	N	70	N	--	20	--
MB228SS	500	N	100	20	N	300	N	--	40	--
MB229SS	500	N	70	20	N	200	N	--	40	--
MB230SS	200	N	20	10	N	100	N	--	20	--
MB231SS	500	N	20	10	N	70	N	--	25	--
MB232SS	500	N	70	15	N	200	.003	--	60	--
MB301SS	200	N	70	20	N	150	.004	--	40	--
MB302SS	200	N	100	30	N	200	N	--	55	1.30
MB303SS	500	N	30	20	N	150	N	--	30	--
MB304SS	500	N	70	20	N	150	<.002	--	55	--
MB305SS	300	N	100	20	N	100	N	--	50	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
MB306SS	37 42 23	118 8 39	399,130	4,173,670	3.0	2.0	1.50	.50	N	N	20	300
MB307SS	37 42 26	118 8 42	399,070	4,173,760	2.0	5.0	1.50	.50	N	N	20	300
MB308SS	37 36 17	118 7 35	400,560	4,162,369	1.0	2.0	1.00	.15	N	N	20	200
MB309SS	37 36 18	118 7 38	400,490	4,162,404	.7	3.0	.50	.15	N	N	10	300
MB310SS	37 36 39	118 7 13	401,120	4,163,026	1.0	3.0	.50	.30	N	N	<10	500
MB311SS	37 36 40	118 6 25	402,300	4,163,058	1.0	2.0	.30	.15	N	N	10	300
MB312SS	37 36 50	118 5 17	403,950	4,163,339	2.0	2.0	.70	.30	N	N	30	300
MB313SS	37 36 48	118 5 18	403,930	4,163,274	1.0	2.0	.30	.20	N	N	10	500
MB314SS	37 37 26	118 5 2	404,330	4,164,434	5.0	5.0	3.00	.30	N	N	50	300
MB315SS	37 34 40	118 7 10	401,150	4,159,370	3.0	3.0	2.00	.20	N	N	20	500
MB316SS	37 34 44	118 7 17	400,980	4,159,500	1.0	2.0	1.00	.15	N	N	15	200
MB317SS	37 35 54	118 5 40	403,370	4,161,635	.7	1.0	.70	.20	N	N	10	300
MB318SS	37 35 53	118 5 43	403,310	4,161,580	.5	2.0	.50	.15	N	N	15	200
MB319SS	37 36 0	118 4 29	405,120	4,161,800	.7	1.5	.50	.15	N	N	10	200
MB320SS	37 35 57	118 4 29	405,120	4,161,703	.5	1.0	.50	.15	N	N	10	300
MB321SS	37 32 12	118 10 26	396,280	4,154,850	10.0	1.5	10.00	.10	N	N	20	150
MB322SS	37 31 50	118 8 15	399,480	4,154,140	2.0	10.0	1.00	.70	N	N	15	200
MB323SS	37 31 48	118 7 51	400,060	4,154,070	1.5	3.0	1.00	.20	N	N	20	500
MB324SS	37 31 44	118 7 39	400,360	4,153,960	2.0	5.0	1.00	.50	N	N	20	200
MB325SS	37 31 39	118 7 8	401,120	4,153,780	1.0	2.0	1.00	.20	N	N	50	200
MB326SS	37 31 27	118 4 49	404,540	4,153,370	5.0	2.0	3.00	.30	N	N	<10	150
MB327SS	37 30 41	118 4 15	405,340	4,151,950	2.0	5.0	1.50	.70	N	N	10	200
MB328SS	37 30 46	118 4 18	405,280	4,152,120	3.0	3.0	2.00	.30	N	N	10	200
MB329SS	37 30 2	118 3 48	406,010	4,150,750	5.0	3.0	2.00	.70	N	N	20	300
MB330SS	37 30 58	118 14 12	390,700	4,152,640	.7	2.0	.50	.30	N	N	50	200
MB331SS	37 30 59	118 14 14	390,650	4,152,690	.5	2.0	.70	.30	N	N	30	200
MB332SS	37 35 45	118 12 1	394,020	4,161,469	1.5	1.5	.70	.30	N	N	30	300
MB333SS	37 36 39	118 12 8	393,870	4,163,125	2.0	5.0	2.00	.50	N	N	50	500
WM101SS	37 14 6	118 12 43	392,490	4,121,450	5.0	2.0	.70	.30	N	N	30	200
WM102SS	37 14 10	118 12 45	392,430	4,121,550	7.0	1.5	.70	.30	N	N	50	200
WM103SS	37 13 36	118 13 27	391,380	4,120,540	3.0	2.0	1.00	.30	N	N	30	300
WM104SS	37 13 38	118 13 32	391,270	4,120,580	10.0	2.0	1.00	.50	N	N	20	200
WM105SS	37 13 46	118 14 26	389,950	4,120,870	1.0	2.0	1.00	.50	N	N	30	300
WM301SS	37 14 38	118 12 2	393,500	4,122,400	2.0	2.0	.70	.30	N	N	70	300
WM302SS	37 14 18	118 12 2	393,490	4,121,800	7.0	1.5	1.00	.20	N	N	20	200
WP001SS	37 44 48	118 15 17	389,440	4,178,270	.7	3.0	1.00	.70	.5	N	20	700
WP002SS	37 35 55	118 17 25	386,080	4,161,860	.3	5.0	1.00	.50	.5	N	30	700
WP003SS	37 35 36	118 18 2	385,170	4,161,290	.2	3.0	.70	.70	<.5	N	300	700
WP004SS	37 35 39	118 18 0	385,230	4,161,380	.2	5.0	1.00	.50	N	N	30	700
WP005SS	37 31 18	118 19 15	383,280	4,153,370	2.0	3.0	2.00	.50	.5	N	70	500
WP006SS	37 32 32	118 18 0	385,140	4,155,630	1.0	3.0	1.50	.50	N	N	50	500
WP007SS	37 32 24	118 18 2	385,090	4,155,370	1.5	3.0	1.50	.50	N	N	70	500
WP008SS	37 32 23	118 19 35	382,810	4,155,380	1.5	3.0	1.00	.50	.7	N	70	300
WP101SS	37 44 1	118 22 40	378,590	4,176,970	2.0	2.0	1.00	.20	1.0	N	100	500
WP102SS	37 44 20	118 22 35	378,710	4,177,530	5.0	5.0	1.00	.10	.7	N	200	2,000

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
MB306SS	2.0	N	7	20	5	100	500	<5	20	10	20	15
MB307SS	2.0	N	20	50	30	70	700	<5	<20	20	30	20
MB308SS	5.0	N	10	20	10	70	1,000	N	20	15	150	10
MB309SS	3.0	N	7	20	7	70	500	N	20	10	30	7
MB310SS	5.0	N	7	30	15	70	300	N	20	10	20	7
MB311SS	5.0	N	5	15	10	150	700	<5	20	7	50	5
MB312SS	2.0	10	15	50	20	100	500	10	<20	20	20	10
MB313SS	3.0	N	<5	20	10	50	300	5	<20	5	30	7
MB314SS	2.0	N	20	50	20	70	700	5	<20	20	20	30
MB315SS	1.5	N	20	20	20	100	1,000	N	N	20	50	20
MB316SS	3.0	N	10	30	10	70	700	N	20	15	20	10
MB317SS	5.0	N	7	15	7	50	500	N	<20	10	30	10
MB318SS	5.0	N	5	15	7	50	500	N	20	7	50	7
MB319SS	5.0	N	<5	15	5	70	500	N	<20	10	20	5
MB320SS	5.0	N	N	15	7	30	500	N	20	15	30	5
MB321SS	1.5	N	7	15	15	50	700	N	N	10	30	7
MB322SS	2.0	N	20	70	7	200	500	N	<20	20	20	20
MB323SS	2.0	N	10	30	10	70	300	N	<20	10	20	15
MB324SS	1.5	N	20	30	7	150	700	N	<20	20	20	20
MB325SS	2.0	N	10	15	10	70	300	N	<20	10	20	10
MB326SS	1.5	N	10	50	10	100	500	N	<20	15	20	15
MB327SS	2.0	N	20	100	30	150	700	N	20	30	15	20
MB328SS	1.5	N	10	70	10	100	500	N	<20	15	20	15
MB329SS	3.0	N	20	200	15	100	700	N	20	30	20	20
MB330SS	2.0	N	15	20	10	70	300	N	N	15	15	10
MB331SS	3.0	N	20	50	20	70	500	N	<20	20	15	15
MB332SS	2.0	N	10	20	20	50	500	5	<20	10	15	20
MB333SS	1.5	N	20	100	30	100	1,000	N	<20	50	20	50
WM101SS	1.0	N	15	50	10	70	500	N	N	20	30	15
WM102SS	2.0	N	15	30	10	50	500	N	<20	20	30	15
WM103SS	1.5	N	15	50	10	50	700	N	<20	20	20	15
WM104SS	1.5	N	15	50	7	50	500	N	N	20	20	15
WM105SS	1.5	N	15	50	15	50	500	N	<20	20	20	15
WM301SS	1.5	N	15	50	10	50	500	N	N	20	20	15
WM302SS	1.5	N	10	50	10	50	500	N	<20	20	20	15
WP001SS	2.0	N	15	30	50	150	300	N	<20	20	30	15
WP002SS	2.0	N	15	50	20	150	300	10	<20	20	50	15
WP003SS	3.0	30	N	20	10	100	100	10	<20	5	15	20
WP004SS	2.0	N	15	50	15	150	200	10	<20	20	30	15
WP005SS	2.0	N	20	70	50	70	700	7	<20	50	30	20
WP006SS	2.0	N	20	20	30	70	500	<5	<20	20	20	20
WP007SS	1.5	N	20	70	20	150	500	<5	<20	20	30	20
WP008SS	2.0	10	20	70	50	100	700	N	<20	20	30	20
WP101SS	3.0	N	20	50	50	100	500	7	<20	30	150	10
WP102SS	2.0	N	15	20	20	50	1,000	10	<20	20	200	10

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
MB306SS	500	N	70	20	N	150	<.002	--	75	--
MB307SS	200	N	70	20	N	100	.002	--	75	--
MB308SS	500	N	70	15	N	150	N	--	85	--
MB309SS	300	<100	70	10	N	150	N	--	45	--
MB310SS	500	<100	100	15	N	150	N	--	30	--
MB311SS	300	N	50	10	N	150	N	--	30	--
MB312SS	700	N	50	15	N	100	.002	--	65	--
MB313SS	500	N	50	15	N	200	N	--	35	--
MB314SS	500	N	100	20	N	150	N	--	65	--
MB315SS	700	N	100	15	N	50	N	--	55	--
MB316SS	300	N	70	20	N	150	N	--	60	--
MB317SS	500	N	50	10	N	100	N	--	45	--
MB318SS	300	<100	70	15	N	150	N	--	50	--
MB319SS	300	N	30	<10	N	70	.004	--	25	--
MB320SS	300	N	50	10	N	100	N	--	40	--
MB321SS	200	N	50	15	N	150	N	--	20	--
MB322SS	500	N	200	20	N	500	.002	--	45	--
MB323SS	500	N	70	20	N	300	N	--	30	--
MB324SS	500	N	100	20	N	300	N	--	45	--
MB325SS	500	N	70	20	N	100	N	--	45	--
MB326SS	500	<100	100	20	N	200	N	--	25	--
MB327SS	500	N	150	30	N	200	N	--	35	--
MB328SS	500	N	100	30	N	200	.002	--	25	--
MB329SS	500	N	150	20	N	100	N	--	30	--
MB330SS	200	N	50	30	N	100	N	--	35	--
MB331SS	200	N	70	20	N	150	<.002	--	50	--
MB332SS	500	N	70	20	N	150	<.002	--	45	--
MB333SS	500	N	150	30	N	200	<.002	--	50	--
WM101SS	300	N	70	20	N	300	.005	--	30	--
WM102SS	300	N	50	20	N	200	.006	--	30	--
WM103SS	300	N	70	15	N	200	.006	--	35	--
WM104SS	300	N	50	20	N	300	.005	--	25	--
WM105SS	200	N	70	20	N	300	.009	--	40	--
WM301SS	300	N	70	20	N	200	.004	--	50	--
WM302SS	500	N	50	20	N	150	.009	--	35	--
WP001SS	100	N	70	20	N	100	<.002	--	60	--
WP002SS	150	N	70	20	N	200	N	--	40	--
WP003SS	150	N	100	15	N	200	.003	--	10	--
WP004SS	150	N	70	20	N	150	<.002	--	45	--
WP005SS	300	N	150	30	200	150	<.002	--	170	--
WP006SS	500	N	100	20	N	100	.002	--	50	--
WP007SS	500	N	100	30	N	200	.003	--	55	--
WP008SS	300	N	100	20	N	150	.081	--	80	--
WP101SS	150	N	150	30	1,000	100	.003	--	1,300	--
WP102SS	200	N	70	15	700	100	<.002	--	450	--

Table 11. Data for stream-sediment samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s
WP103SS	37 42 35	118 21 50	379,760	4,174,280	.5	2.0	.70	.20	N	N	70	300
WP104SS	37 41 55	118 22 7	379,330	4,173,080	.5	2.0	.50	.30	N	N	50	300
WP105SS	37 40 53	118 22 4	379,380	4,171,140	.7	2.0	1.00	.20	N	N	70	500
WP106SS	37 43 6	118 22 10	379,290	4,175,250	2.0	5.0	1.50	.30	<.5	N	20	300
WP107SS	37 37 47	118 20 59	380,900	4,165,390	5.0	2.0	1.50	.30	N	N	100	500
WP108SS	37 36 57	118 20 2	382,270	4,163,850	.3	3.0	1.00	.70	N	N	150	700
WP109SS	37 34 55	118 20 13	381,950	4,160,080	1.0	3.0	1.50	.50	N	N	50	500
WP110SS	37 34 7	118 20 25	381,630	4,158,620	2.0	3.0	1.50	.50	N	N	50	500
WP111SS	37 34 34	118 18 20	384,700	4,159,390	1.5	5.0	2.00	.70	N	N	100	300
WP112SS	37 34 41	118 18 24	384,610	4,159,610	2.0	2.0	2.00	.50	N	N	50	500
WP113SS	37 37 5	118 20 48	381,150	4,164,090	.2	3.0	.70	.50	N	N	200	500
WP201SS	37 40 31	118 20 34	381,570	4,170,430	1.5	3.0	1.00	.50	N	N	20	1,500
WP202SS	37 40 20	118 20 29	381,700	4,170,100	.2	5.0	.50	.50	N	N	70	700
WP203SS	37 39 43	118 20 15	382,020	4,168,960	.2	3.0	.50	.30	N	N	30	500
WP204SS	37 39 11	118 20 55	381,030	4,167,970	.7	3.0	1.00	.50	N	N	150	700
WP205SS	37 38 23	118 19 56	382,460	4,166,490	.3	5.0	.50	.50	<.5	N	50	700
WP206SS	37 33 29	118 20 4	382,130	4,157,430	1.5	3.0	2.00	.50	N	N	50	500
WP207SS	37 33 4	118 20 14	381,870	4,156,670	1.5	3.0	1.50	.50	N	N	100	500
WP208SS	37 32 20	118 16 25	387,480	4,155,240	1.5	3.0	1.00	.30	N	N	70	500
WP209SS	37 32 19	118 16 22	387,540	4,155,180	1.0	2.0	.70	.50	N	N	50	200
WP301SS	37 30 58	118 15 45	388,420	4,152,690	.7	2.0	.70	.50	N	N	50	300
WP302SS	37 30 29	118 17 45	385,460	4,151,830	2.0	3.0	1.00	.30	N	N	70	500
WP303SS	37 30 32	118 17 41	385,570	4,151,910	.7	3.0	1.00	.50	2.0	N	50	500
WP304SS	37 31 14	118 19 15	383,280	4,153,250	.7	3.0	1.50	.50	7.0	N	150	500
WP305SS	37 35 48	118 20 10	382,050	4,161,720	.5	3.0	.70	.50	N	N	100	500
WP306SS	37 35 54	118 19 28	383,070	4,161,870	3.0	3.0	2.00	.50	N	N	100	500

Table 11. Data for stream-sediment samples - (continued)

Sample	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s
WP103SS	3.0	N	10	30	15	50	500	5	<20	20	50	10
WP104SS	3.0	N	7	20	15	70	300	5	<20	15	30	15
WP105SS	3.0	N	10	30	20	100	1,000	<5	<20	20	50	15
WP106SS	2.0	N	30	30	70	100	300	20	N	20	50	20
WP107SS	1.5	N	10	70	20	70	500	N	<20	20	30	20
WP108SS	3.0	N	20	50	20	150	300	5	20	20	30	20
WP109SS	2.0	N	20	70	20	100	500	N	<20	20	30	20
WP110SS	2.0	N	20	70	30	100	500	N	<20	30	30	20
WP111SS	3.0	N	30	70	70	150	500	N	<20	30	50	20
WP112SS	2.0	N	20	50	30	70	700	N	<20	30	30	20
WP113SS	3.0	N	10	20	20	100	300	10	20	20	20	15
WP201SS	2.0	N	15	20	30	100	700	5	<20	20	50	20
WP202SS	2.0	N	10	20	20	150	200	7	20	15	50	10
WP203SS	3.0	N	10	20	20	100	300	5	20	10	20	10
WP204SS	2.0	N	15	20	15	100	300	5	<20	20	20	20
WP205SS	5.0	N	15	15	15	100	300	10	30	10	50	20
WP206SS	2.0	N	20	50	30	70	500	N	<20	20	20	20
WP207SS	2.0	N	20	70	30	100	500	5	<20	20	50	20
WP208SS	2.0	N	15	50	15	100	500	N	<20	20	30	20
WP209SS	2.0	N	15	50	15	70	300	5	<20	15	20	20
WP301SS	2.0	N	15	50	20	70	700	N	<20	20	50	15
WP302SS	2.0	N	20	50	20	70	500	N	<20	30	50	20
WP303SS	2.0	50	30	50	200	100	500	N	<20	30	30	15
WP304SS	2.0	N	30	100	100	100	500	10	<20	50	50	15
WP305SS	2.0	N	10	30	15	100	200	5	20	15	30	10
WP306SS	2.0	N	15	100	20	70	500	<5	<20	50	30	20

Table 11. Data for stream-sediment samples - (continued)

Sample	Sr-ppm s	Th-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Au-ppm aa	Hg-ppm aa	Zn-ppm aa	U-INST
WP103SS	200	N	70	20	200	150	N	--	160	--
WP104SS	150	N	70	30	N	200	N	--	45	--
WP105SS	200	N	50	20	N	100	<.002	--	70	--
WP106SS	500	N	100	20	N	100	.003	--	140	--
WP107SS	300	N	100	30	N	100	.002	--	40	--
WP108SS	300	N	100	50	N	200	.010	--	50	--
WP109SS	300	N	100	20	N	150	.003	--	60	--
WP110SS	300	N	100	20	N	200	.005	--	55	--
WP111SS	300	N	100	20	N	100	<.002	--	90	--
WP112SS	500	N	70	20	N	100	.005	--	65	--
WP113SS	300	N	100	30	N	200	.016	--	25	--
WP201SS	200	N	70	20	N	200	<.002	--	100	--
WP202SS	100	N	100	30	N	300	.002	--	40	--
WP203SS	150	N	70	30	N	150	.013	--	35	--
WP204SS	200	N	70	20	N	150	<.002	--	45	--
WP205SS	150	N	70	30	N	300	.007	--	65	--
WP206SS	500	N	100	20	N	150	N	--	55	--
WP207SS	500	N	70	20	N	100	<.002	--	50	--
WP208SS	500	N	100	20	N	150	N	--	50	--
WP209SS	200	N	100	20	N	200	.002	--	55	--
WP301SS	200	N	70	30	N	200	.003	--	75	--
WP302SS	200	N	70	20	N	100	.010	--	65	--
WP303SS	200	N	70	20	N	150	.144	--	45	--
WP304SS	200	N	150	30	N	150	.034	--	140	--
WP305SS	150	N	70	20	N	200	N	--	40	--
WP306SS	300	N	100	30	N	100	.003	--	45	--

Table 12. Data for dense-mineral concentrate samples

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
BE003KN	37 48 15	118 17 4	386,910	4,184,660	1.50	.2	.15	>2.00	N	N	N	50
BE004KN	37 48 16	118 16 21	387,970	4,184,680	2.00	.2	.10	>2.00	N	N	N	20
BE005KN	37 48 10	118 16 13	388,160	4,184,490	2.00	.7	.15	>2.00	N	N	N	<20
BE109KN	37 52 24	118 24 14	376,520	4,192,490	7.00	2.0	1.00	>2.00	100.0	N	N	200
BE112KN	37 52 6	118 24 38	375,910	4,191,960	7.00	2.0	1.00	2.00	3.0	N	N	500
BE115KN	37 51 41	118 25 10	375,120	4,191,190	7.00	1.5	2.00	>2.00	5.0	N	N	150
BE116KN	37 51 14	118 25 23	374,790	4,190,360	10.00	1.0	2.00	>2.00	N	N	N	70
BE117KN	37 49 10	118 25 27	374,640	4,186,530	10.00	1.5	3.00	2.00	10.0	N	N	500
BE118KN	37 50 4	118 25 19	374,860	4,188,200	7.00	.5	.10	>2.00	N	N	N	20
BE119KN	37 50 7	118 25 20	374,850	4,188,290	10.00	.5	.70	>2.00	N	N	N	50
BE207KN	37 47 20	118 15 14	389,580	4,182,930	2.00	.5	.30	>2.00	N	N	N	30
BE208KN	37 48 20	118 25 26	374,630	4,185,000	10.00	1.0	.70	>2.00	N	N	N	100
BE209KN	37 48 15	118 25 20	374,790	4,184,850	15.00	2.0	7.00	.50	N	N	N	20
BE210KN	37 47 29	118 24 44	375,650	4,183,410	15.00	2.0	3.00	2.00	N	N	N	1,000
BE212KN	37 46 29	118 24 22	376,160	4,181,570	5.00	1.5	.70	>2.00	N	N	N	70
BE215KN	37 45 30	118 23 46	377,010	4,179,720	7.00	1.0	2.00	>2.00	N	N	N	100
BE305KN	37 49 44	118 18 48	384,420	4,187,450	3.00	.5	.20	>2.00	N	N	N	20
BE306KN	37 49 50	118 18 46	384,450	4,187,630	5.00	.5	.20	>2.00	N	N	N	20
BE307KN	37 50 3	118 15 55	388,660	4,187,990	7.00	.5	.10	>2.00	N	N	N	20
BI001KN	37 21 9	118 15 40	388,290	4,134,530	10.00	1.5	.70	2.00	N	N	N	100
BI002KN	37 24 25	118 15 37	388,460	4,140,560	10.00	2.0	1.00	>2.00	N	N	N	100
BI003KN	37 24 25	118 16 19	387,420	4,140,590	7.00	5.0	1.50	2.00	<1.0	N	N	150
BI004KN	37 24 27	118 17 28	385,720	4,140,670	7.00	2.0	1.00	>2.00	N	N	N	150
BI101KN	37 28 37	118 18 14	384,700	4,148,400	7.00	1.5	1.00	>2.00	10.0	N	N	150
BI102KN	37 28 35	118 18 12	384,740	4,148,330	10.00	3.0	1.00	2.00	2.0	N	N	70
BI103KN	37 28 42	118 19 4	383,470	4,148,560	7.00	3.0	1.00	2.00	150.0	N	500	150
BI104KN	37 28 12	118 18 57	383,630	4,147,630	5.00	1.0	1.50	>2.00	<1.0	N	N	150
BI105KN	37 25 6	118 18 55	383,600	4,141,910	7.00	1.0	1.50	>2.00	N	N	N	100
BI106KN	37 17 27	118 15 42	388,160	4,127,680	10.00	1.5	3.00	>2.00	N	N	N	200
BI107KN	37 17 10	118 16 20	387,220	4,127,180	7.00	1.5	5.00	>2.00	N	N	N	500
BI109KN	37 19 45	118 15 18	388,800	4,131,940	10.00	3.0	2.00	>2.00	N	N	N	100
BI110KN	37 18 56	118 16 40	386,760	4,130,460	7.00	1.5	3.00	>2.00	N	N	N	100
BI111KN	37 20 5	118 16 55	386,420	4,132,570	10.00	1.0	5.00	>2.00	N	N	N	50
BI112KN	37 20 30	118 16 56	386,400	4,133,350	7.00	1.0	2.00	>2.00	N	N	N	100
BI113KN	37 27 29	118 16 41	386,950	4,146,260	.15	.1	.05	.15	5.0	N	N	<20
BI114KN	37 26 47	118 15 41	388,400	4,144,960	10.00	1.5	1.00	>2.00	N	N	N	150
BI115KN	37 26 57	118 17 0	386,480	4,145,290	5.00	1.5	.70	>2.00	5.0	N	N	100
BI116KN	37 15 7	118 15 32	388,350	4,123,370	7.00	1.5	1.00	>2.00	N	N	N	150
BI117KN	37 15 51	118 15 42	388,120	4,124,730	15.00	1.0	5.00	2.00	N	N	N	300
BI118KN	37 18 40	118 16 44	386,660	4,129,970	10.00	2.0	1.50	>2.00	N	N	N	150
BI201KN	37 28 59	118 15 7	389,300	4,149,000	7.00	3.0	1.50	2.00	N	N	N	70
BI202KN	37 28 48	118 16 19	387,530	4,148,680	15.00	3.0	.70	1.00	N	N	N	100
BI203KN	37 28 50	118 16 21	387,480	4,148,760	7.00	3.0	.70	>2.00	N	N	N	150
BI204KN	37 25 51	118 16 58	386,500	4,143,240	10.00	2.0	.70	>2.00	N	N	N	200
BI205KN	37 18 12	118 16 31	386,970	4,129,090	7.00	1.5	2.00	>2.00	N	N	N	150

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
BE003KN	200	<2	N	N	N	<20	<10	200	200	N	200	N
BE004KN	700	N	N	N	N	20	<10	200	200	N	150	N
BE005KN	200	2	N	N	<10	30	<10	300	300	<10	500	N
BE109KN	10,000	<2	N	N	50	100	20	700	500	20	150	30
BE112KN	10,000	2	N	N	50	70	20	200	300	200	100	70
BE115KN	>10,000	2	N	N	<10	70	10	200	700	100	100	N
BE116KN	10,000	3	N	N	10	50	10	200	500	20	100	N
BE117KN	1,500	3	N	N	N	70	15	200	700	50	150	N
BE118KN	500	N	N	N	10	20	<10	500	500	15	150	N
BE119KN	7,000	N	N	N	10	20	<10	500	700	30	200	N
BE207KN	700	10	N	N	<10	100	<10	700	300	<10	150	N
BE208KN	500	<2	N	N	10	20	N	500	500	10	300	N
BE209KN	500	3	N	N	10	30	10	N	700	N	<50	N
BE210KN	1,500	2	N	N	<10	100	15	200	1,000	<10	70	N
BE212KN	1,000	<2	N	N	<10	30	<10	200	500	15	300	N
BE215KN	3,000	<2	N	N	N	50	20	200	500	30	200	N
BE305KN	150	<2	20	N	N	<20	<10	300	300	15	100	N
BE306KN	300	N	N	N	10	20	<10	300	700	N	200	N
BE307KN	150	N	<20	N	<10	20	<10	300	700	N	150	N
BI001KN	10,000	2	<20	N	15	50	10	200	500	15	100	20
BI002KN	10,000	N	N	N	20	50	30	300	700	10	150	30
BI003KN	5,000	3	50	N	50	150	100	1,000	500	15	70	70
BI004KN	1,000	5	N	N	30	100	50	1,000	500	10	70	70
BI101KN	2,000	2	N	N	30	50	10	300	300	20	100	N
BI102KN	>10,000	N	70	N	70	50	100	500	1,000	70	100	50
BI103KN	>10,000	2	2,000	N	15	50	500	200	300	10	70	N
BI104KN	10,000	<2	70	N	N	50	20	500	500	15	200	N
BI105KN	300	<2	N	N	<10	70	<10	700	700	<10	200	N
BI106KN	200	<2	N	N	20	100	20	200	700	<10	100	N
BI107KN	700	2	N	N	<10	100	10	300	500	<10	100	20
BI109KN	1,500	<2	N	N	100	50	150	500	500	10	100	50
BI110KN	700	<2	N	N	10	70	10	300	500	10	150	N
BI111KN	1,500	<2	100	N	20	30	10	200	700	<10	70	<10
BI112KN	300	<2	N	N	<10	70	<10	300	500	15	150	N
BI113KN	>10,000	N	N	N	N	<20	50	N	20	10	N	N
BI114KN	2,000	2	<20	N	15	70	100	1,500	500	15	100	50
BI115KN	7,000	N	N	N	20	50	20	500	1,000	30	150	N
BI116KN	300	N	N	N	20	70	10	300	500	10	100	N
BI117KN	150	N	N	N	10	50	<10	200	500	<10	70	N
BI118KN	500	2	N	N	20	70	15	500	700	15	150	20
BI201KN	500	<2	N	N	70	30	20	300	1,000	<10	100	20
BI202KN	2,000	2	N	N	50	50	20	300	700	10	70	50
BI203KN	1,000	<2	50	N	70	50	50	500	1,000	15	100	50
BI204KN	2,000	<2	N	N	30	50	150	300	500	10	100	20
BI205KN	500	<2	N	N	15	70	10	300	500	10	100	N

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
BE003KN	20	N	20	30	N	700	100	N	700	N	>2,000
BE004KN	50	N	150	50	N	500	150	N	500	N	>2,000
BE005KN	50	N	150	100	N	500	150	<100	700	N	>2,000
BE109KN	1,000	N	50	20	500	300	200	<100	300	N	>2,000
BE112KN	1,000	N	15	<20	500	<200	200	150	150	1,000	>2,000
BE115KN	1,000	N	15	20	1,000	300	200	200	200	N	>2,000
BE116KN	200	N	15	N	300	<200	200	<100	150	N	>2,000
BE117KN	300	N	20	<20	500	N	200	N	200	N	>2,000
BE118KN	150	N	30	50	300	700	200	N	300	N	>2,000
BE119KN	500	N	30	30	300	500	200	N	200	N	>2,000
BE207KN	50	N	150	100	N	300	200	N	700	N	>2,000
BE208KN	50	N	20	30	300	200	150	N	200	N	>2,000
BE209KN	70	N	N	N	<200	N	100	N	30	500	1,000
BE210KN	50	N	20	N	<200	<200	300	N	150	N	>2,000
BE212KN	100	N	30	20	300	300	100	100	300	N	>2,000
BE215KN	500	N	20	20	200	500	200	100	200	N	>2,000
BE305KN	30	N	150	20	N	1,000	150	N	700	N	>2,000
BE306KN	300	N	50	50	300	700	150	N	300	N	>2,000
BE307KN	50	N	50	50	N	1,000	100	N	500	N	>2,000
BI001KN	200	N	30	20	500	300	100	200	200	N	>2,000
BI002KN	300	N	20	30	500	500	200	<100	500	N	>2,000
BI003KN	10,000	<200	50	150	500	<200	150	N	200	1,500	2,000
BI004KN	5,000	200	50	<20	500	<200	150	N	200	N	>2,000
BI101KN	2,000	N	50	30	700	500	200	200	300	N	>2,000
BI102KN	3,000	N	30	20	700	300	150	150	300	N	>2,000
BI103KN	1,000	N	15	200	1,000	<200	100	700	200	N	>2,000
BI104KN	3,000	N	30	200	500	500	200	150	300	N	>2,000
BI105KN	50	N	50	50	300	500	200	100	500	N	>2,000
BI106KN	500	N	30	<20	<200	200	150	N	150	N	>2,000
BI107KN	50	N	20	30	500	200	150	N	200	N	>2,000
BI109KN	500	N	20	<20	500	200	150	N	200	N	>2,000
BI110KN	100	N	30	20	700	<200	200	N	300	N	>2,000
BI111KN	300	N	20	<20	200	200	150	N	200	N	>2,000
BI112KN	200	N	50	20	300	300	200	N	300	N	>2,000
BI113KN	300	N	N	N	>10,000	N	20	N	<20	N	100
BI114KN	200	N	50	100	500	200	150	N	200	N	>2,000
BI115KN	2,000	N	50	50	500	700	200	200	500	N	>2,000
BI116KN	200	N	70	20	200	500	150	N	500	N	>2,000
BI117KN	100	N	15	<20	200	200	100	N	150	N	>2,000
BI118KN	150	N	50	50	300	200	200	<100	500	N	>2,000
BI201KN	200	N	30	20	500	300	200	100	200	N	>2,000
BI202KN	100	N	30	N	500	200	100	100	150	N	>2,000
BI203KN	200	N	50	20	500	300	150	100	200	N	>2,000
BI204KN	7,000	N	30	30	1,000	500	150	<100	200	N	>2,000
BI205KN	50	N	50	20	200	<200	150	N	300	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
BI206KN	37 22 28	118 17 11	386,080	4,136,990	10.00	2.0	.70	>2.00	N	N	N	100
BI207KN	37 22 26	118 17 13	386,030	4,136,950	10.00	2.0	1.00	>2.00	N	N	N	200
BI208KN	37 22 28	118 17 39	385,400	4,137,020	5.00	1.5	.50	>2.00	500.0	N	>1,000	50
BI209KN	37 22 54	118 17 57	384,960	4,137,800	5.00	3.0	1.00	>2.00	N	N	N	150
BI210KN	37 23 41	118 18 13	384,590	4,139,260	5.00	2.0	.70	>2.00	N	N	N	200
BI301KN	37 21 21	118 16 4	387,710	4,134,910	2.00	1.5	.20	>2.00	N	N	N	70
BI302KN	37 20 47	118 17 24	385,720	4,133,880	10.00	2.0	1.00	>2.00	N	N	N	50
BI303KN	37 20 54	118 16 40	386,820	4,134,090	7.00	2.0	1.00	2.00	N	N	N	150
BM001KN	37 26 29	118 10 46	395,660	4,144,310	5.00	1.0	2.00	>2.00	N	N	N	200
BM002KN	37 26 26	118 10 46	395,660	4,144,210	5.00	1.5	1.50	>2.00	N	N	N	200
BM003KN	37 26 12	118 9 9	398,040	4,143,740	5.00	1.0	2.00	>2.00	3.0	N	N	150
BM004KN	37 26 17	118 8 59	398,270	4,143,900	10.00	.7	7.00	>2.00	N	N	N	50
BM005KN	37 26 23	118 8 38	398,800	4,144,080	7.00	2.0	1.00	>2.00	N	N	N	150
BM006KN	37 29 31	118 5 55	402,880	4,149,820	20.00	1.0	.70	>2.00	N	N	N	70
BM007KN	37 29 24	118 5 55	402,860	4,149,600	20.00	.5	.10	>2.00	N	N	N	20
BM008KN	37 29 13	118 5 51	402,950	4,149,280	20.00	.5	.10	>2.00	N	N	N	<20
BM009KN	37 28 0	118 4 18	405,230	4,147,000	20.00	.3	.15	>2.00	N	N	N	<20
BM010KN	37 22 5	118 2 13	408,160	4,136,030	20.00	.5	.20	>2.00	1.0	N	N	<20
BM011KN	37 21 57	118 2 27	407,830	4,135,760	10.00	1.0	1.00	>2.00	N	N	N	<20
BM012KN	37 27 28	118 9 57	396,870	4,146,100	5.00	5.0	1.00	>2.00	N	N	N	100
BM013KN	37 24 10	118 6 5	402,510	4,139,930	15.00	.5	3.00	>2.00	15.0	N	N	150
BM014KN	37 23 24	118 5 21	403,580	4,138,490	20.00	.7	7.00	1.50	N	N	N	150
BM015KN	37 23 21	118 5 30	403,360	4,138,400	20.00	1.0	10.00	1.50	10.0	N	N	50
BM016KN	37 23 5	118 5 28	403,390	4,137,920	30.00	.7	5.00	.70	N	N	N	70
BM017KN	37 22 35	118 4 32	404,770	4,136,990	20.00	3.0	10.00	2.00	N	N	N	100
BM018KN	37 22 39	118 4 24	404,960	4,137,110	10.00	2.0	7.00	.50	3.0	N	N	30
BM019KN	37 21 47	118 9 7	397,970	4,135,590	5.00	7.0	3.00	>2.00	N	N	N	300
BM020KN	37 20 38	118 8 58	398,170	4,133,460	20.00	3.0	10.00	>2.00	N	N	N	200
BM021KN	37 20 32	118 9 1	398,110	4,133,270	20.00	1.5	5.00	>2.00	N	N	N	500
BM022KN	37 21 24	118 14 12	390,470	4,134,960	7.00	3.0	.70	1.50	N	N	N	50
BM023KN	37 21 18	118 14 12	390,470	4,134,770	10.00	2.0	2.00	2.00	N	N	N	100
BM024KN	37 24 3	118 14 25	390,210	4,139,880	5.00	10.0	.50	>2.00	20.0	N	N	70
BM101KN	37 29 50	118 10 21	396,340	4,150,480	7.00	1.5	.70	>2.00	N	N	N	70
BM102KN	37 29 31	118 7 47	400,110	4,149,860	15.00	.5	.20	>2.00	N	N	N	20
BM103KN	37 26 5	118 7 40	400,210	4,143,490	10.00	2.0	1.00	>2.00	N	N	N	500
BM104KN	37 25 59	118 7 30	400,450	4,143,330	15.00	2.0	1.50	>2.00	1.0	N	N	200
BM105KN	37 25 49	118 6 41	401,650	4,142,990	5.00	2.0	.70	2.00	1.0	N	N	150
BM106KN	37 26 15	118 6 26	402,040	4,143,790	10.00	2.0	.70	>2.00	N	N	N	70
BM107KN	37 26 13	118 6 27	402,000	4,143,720	5.00	1.0	2.00	>2.00	N	N	N	100
BM108KN	37 27 22	118 8 8	399,550	4,145,880	5.00	3.0	1.00	>2.00	N	N	N	100
BM109KN	37 27 53	118 5 38	403,240	4,146,800	15.00	2.0	1.50	2.00	N	N	N	70
BM110KN	37 26 48	118 4 28	404,940	4,144,760	7.00	2.0	7.00	2.00	N	N	N	100
BM111KN	37 26 45	118 4 30	404,900	4,144,670	10.00	3.0	10.00	1.50	N	N	N	30
BM112KN	37 26 44	118 3 29	406,400	4,144,650	10.00	.5	.30	>2.00	N	N	N	20
BM113KN	37 26 42	118 3 30	406,380	4,144,580	15.00	1.0	5.00	>2.00	N	N	N	100

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
BI206KN	10,000	<2	20	N	20	30	50	500	500	15	100	50
BI207KN	3,000	<2	<20	N	30	70	20	500	700	15	150	50
BI208KN	>10,000	<2	N	N	20	50	150	2,000	300	N	150	20
BI209KN	1,500	<2	N	N	50	50	30	300	700	15	150	30
BI210KN	500	<2	N	N	50	70	50	300	700	10	150	30
BI301KN	>10,000	N	N	N	100	50	50	150	200	20	150	N
BI302KN	5,000	<2	N	N	20	50	20	700	700	30	200	30
BI303KN	7,000	2	500	N	<10	50	200	500	500	30	100	30
BM001KN	150	<2	N	N	15	70	20	700	500	10	70	N
BM002KN	200	<2	N	N	50	50	15	500	500	10	150	N
BM003KN	150	<2	30	N	15	100	10	1,000	300	10	100	N
BM004KN	50	N	N	N	N	30	<10	200	700	30	100	N
BM005KN	200	<2	N	N	N	70	10	1,000	500	15	100	N
BM006KN	70	N	N	N	N	100	N	2,000	700	10	150	N
BM007KN	50	N	N	N	N	20	<10	2,000	500	15	100	N
BM008KN	100	N	N	N	N	20	10	2,000	500	15	70	N
BM009KN	100	N	N	N	N	20	10	2,000	500	20	100	<10
BM010KN	100	N	N	N	<10	<20	<10	2,000	500	15	100	N
BM011KN	70	N	N	N	N	30	10	1,500	500	20	150	N
BM012KN	100	<2	1,000	N	100	70	50	1,500	1,000	15	150	100
BM013KN	150	N	300	N	N	70	20	150	300	N	100	N
BM014KN	100	<2	<20	N	N	20	<10	150	500	N	<50	N
BM015KN	500	7	>2,000	N	N	30	<10	200	700	50	50	N
BM016KN	100	15	300	N	N	20	N	700	1,500	50	<50	N
BM017KN	100	5	50	N	15	50	15	2,000	700	15	50	20
BM018KN	100	70	20	N	<10	50	20	500	700	15	N	N
BM019KN	150	2	70	N	100	70	50	700	700	10	100	100
BM020KN	150	<2	1,000	N	30	50	20	700	700	10	70	30
BM021KN	200	<2	N	N	20	70	15	1,000	700	10	100	N
BM022KN	>10,000	N	N	N	20	50	20	500	300	<10	70	30
BM023KN	5,000	2	N	N	<10	30	15	500	500	15	150	20
BM024KN	2,000	N	N	N	70	50	50	2,000	500	20	100	100
BM101KN	100	N	50	N	15	30	<10	1,500	500	20	200	N
BM102KN	100	N	N	N	N	20	<10	1,000	500	10	200	N
BM103KN	300	<2	N	N	30	100	30	2,000	700	10	100	70
BM104KN	200	<2	N	N	20	70	20	2,000	500	<10	100	50
BM105KN	200	<2	N	N	10	100	15	1,000	500	10	50	50
BM106KN	150	<2	N	N	<10	70	10	500	500	N	100	N
BM107KN	200	<2	20	N	N	70	10	500	500	<10	70	N
BM108KN	150	2	N	N	15	100	20	1,000	1,000	10	150	50
BM109KN	150	2	N	N	15	300	15	500	700	<10	50	50
BM110KN	100	<2	N	N	10	150	10	500	700	<10	70	50
BM111KN	150	<2	<20	N	10	300	10	300	700	N	<50	50
BM112KN	70	N	N	N	N	70	<10	1,500	500	15	150	N
BM113KN	100	N	100	N	N	30	<10	500	500	20	70	N

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
BI206KN	>50,000	3,000	20	<20	500	200	150	<100	200	N	>2,000
BI207KN	700	N	50	20	300	300	150	<100	300	N	>2,000
BI208KN	15,000	200	50	50	1,000	500	150	500	200	N	>2,000
BI209KN	150	N	50	<20	300	300	150	100	300	N	>2,000
BI210KN	150	N	70	20	300	300	150	<100	500	N	>2,000
BI301KN	1,500	N	200	100	1,000	500	100	200	150	1,000	>2,000
BI302KN	300	N	50	70	300	500	200	150	500	N	>2,000
BI303KN	2,000	N	30	70	700	500	150	700	300	N	>2,000
BM001KN	300	N	50	20	N	300	150	N	700	N	>2,000
BM002KN	300	N	30	20	200	500	150	N	500	N	>2,000
BM003KN	50	N	50	20	200	300	150	N	500	N	>2,000
BM004KN	200	N	10	20	N	N	150	<100	150	N	1,000
BM005KN	30	N	50	<20	1,000	300	150	N	300	N	>2,000
BM006KN	20	N	30	30	500	500	300	N	500	N	>2,000
BM007KN	<20	N	20	20	500	500	150	N	300	N	>2,000
BM008KN	30	N	20	<20	500	1,000	150	N	200	N	>2,000
BM009KN	30	N	20	20	500	1,500	150	N	200	N	>2,000
BM010KN	70	N	15	<20	700	<200	200	N	150	N	>2,000
BM011KN	70	N	20	20	500	200	200	100	200	N	>2,000
BM012KN	300	N	70	300	300	500	200	100	500	N	>2,000
BM013KN	7,000	N	20	500	500	200	150	1,000	300	N	>2,000
BM014KN	1,000	N	10	50	<200	<200	70	700	70	N	>2,000
BM015KN	700	N	15	N	300	<200	100	500	150	N	>2,000
BM016KN	200	N	30	N	500	<200	50	500	1,000	N	>2,000
BM017KN	100	N	30	N	500	300	100	500	300	N	>2,000
BM018KN	300	N	10	N	200	<200	70	1,000	50	N	1,500
BM019KN	300	N	30	<20	<200	200	150	200	200	N	>2,000
BM020KN	100	N	20	N	200	<200	150	150	150	N	>2,000
BM021KN	30	N	50	20	500	200	150	N	500	N	>2,000
BM022KN	200	N	20	<20	1,000	200	150	100	200	N	>2,000
BM023KN	150	N	20	50	700	<200	150	100	200	N	>2,000
BM024KN	1,000	N	50	<20	300	300	200	150	300	N	>2,000
BM101KN	50	N	30	70	200	700	200	150	500	N	>2,000
BM102KN	30	N	50	50	200	300	200	N	500	N	>2,000
BM103KN	30	N	100	<20	1,000	300	200	N	300	N	>2,000
BM104KN	1,000	N	100	<20	1,000	200	200	150	500	N	>2,000
BM105KN	300	N	70	150	1,500	<200	150	N	150	N	>2,000
BM106KN	50	N	30	20	1,000	200	150	N	200	N	>2,000
BM107KN	200	N	50	20	1,000	200	150	<100	200	N	>2,000
BM108KN	30	N	50	20	1,000	200	150	N	300	N	2,000
BM109KN	300	N	50	N	700	700	150	N	100	N	>2,000
BM110KN	20	N	20	N	700	200	150	N	100	N	>2,000
BM111KN	20	N	20	N	700	N	150	<100	50	N	2,000
BM112KN	20	N	50	20	300	500	200	N	300	N	>2,000
BM113KN	50	N	10	<20	500	<200	150	300	100	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
BM114KN	37 25 27	118 0 5	411,380	4,142,220	10.00	1.0	.30	>2.00	N	N	N	<20
BM115KN	37 24 58	118 0 15	411,140	4,141,310	20.00	.7	1.00	>2.00	N	N	N	20
BM116KN	37 24 50	118 0 8	411,290	4,141,060	20.00	.5	1.00	>2.00	N	N	N	20
BM117KN	37 24 21	118 0 3	411,400	4,140,160	15.00	1.0	.30	>2.00	N	N	N	20
BM118KN	37 28 28	118 11 51	394,100	4,148,000	5.00	1.0	.50	>2.00	N	N	N	150
BM119KN	37 26 43	118 12 33	393,030	4,144,780	7.00	2.0	1.00	>2.00	N	N	N	300
BM120KN	37 25 53	118 13 3	392,280	4,143,220	5.00	3.0	1.00	>2.00	N	N	N	200
BM121KN	37 21 1	118 7 10	400,850	4,134,130	10.00	2.0	10.00	.30	1.0	N	N	30
BM122KN	37 21 3	118 7 8	400,880	4,134,190	10.00	.7	7.00	.15	N	N	N	20
BM123KN	37 21 2	118 7 3	401,010	4,134,160	15.00	.7	10.00	.20	N	N	N	20
BM124KN	37 23 14	118 4 4	405,460	4,138,160	15.00	2.0	5.00	>2.00	N	N	N	100
BM125KN	37 23 38	118 8 7	399,490	4,138,990	20.00	5.0	7.00	1.50	5.0	N	N	50
BM126KN	37 23 41	118 8 9	399,460	4,139,070	10.00	2.0	7.00	1.50	20.0	N	N	70
BM127KN	37 22 53	118 7 14	400,790	4,137,590	20.00	2.0	7.00	1.50	N	N	N	50
BM128KN	37 20 52	118 3 34	406,150	4,133,800	10.00	2.0	5.00	1.00	N	N	N	100
BM129KN	37 20 30	118 9 58	396,700	4,133,210	3.00	2.0	.70	>2.00	N	N	N	200
BM130KN	37 20 31	118 9 55	396,770	4,133,260	7.00	2.0	2.00	>2.00	N	N	N	500
BM131KN	37 19 41	118 9 6	397,950	4,131,710	15.00	2.0	.15	>2.00	N	N	N	200
BM132KN	37 19 41	118 9 2	398,050	4,131,710	15.00	.7	7.00	1.00	5.0	N	N	150
BM135KN	37 17 28	118 13 10	391,890	4,127,670	5.00	1.0	2.00	>2.00	20.0	N	N	200
BM136KN	37 17 25	118 14 1	390,630	4,127,600	10.00	1.5	3.00	>2.00	15.0	N	N	200
BM137KN	37 17 29	118 14 3	390,600	4,127,710	10.00	1.5	5.00	>2.00	5.0	N	N	70
BM138KN	37 17 20	118 14 23	390,090	4,127,440	3.00	2.0	1.50	>2.00	15.0	N	N	200
BM201KN	37 28 25	118 1 33	409,270	4,147,710	15.00	.5	.50	>2.00	N	N	N	<20
BM202KN	37 28 0	118 0 49	410,360	4,146,920	20.00	1.0	.50	>2.00	N	N	N	20
BM203KN	37 28 1	118 0 54	410,240	4,146,960	20.00	.7	1.50	>2.00	N	N	N	30
BM204KN	37 27 51	118 0 19	411,090	4,146,650	15.00	.5	.10	>2.00	N	N	N	<20
BM205KN	37 27 11	118 0 5	411,410	4,145,410	20.00	.5	.20	>2.00	N	N	N	<20
BM206KN	37 29 11	118 13 58	390,990	4,149,350	15.00	2.0	1.50	>2.00	N	N	N	200
BM207KN	37 29 9	118 13 56	391,060	4,149,290	10.00	7.0	1.50	2.00	N	N	N	300
BM208KN	37 29 1	118 14 4	390,840	4,149,060	7.00	7.0	.70	>2.00	N	N	N	100
BM209KN	37 27 31	118 6 12	402,400	4,146,120	15.00	3.0	5.00	2.00	N	N	N	100
BM210KN	37 26 6	118 5 20	403,650	4,143,500	5.00	3.0	7.00	1.00	N	N	N	70
BM211KN	37 25 52	118 4 50	404,400	4,143,060	15.00	2.0	10.00	.50	N	N	N	70
BM212KN	37 27 5	118 6 45	401,580	4,145,340	15.00	2.0	1.50	>2.00	N	N	N	150
BM213KN	37 25 55	118 4 48	404,430	4,143,150	15.00	1.0	7.00	2.00	N	N	N	100
BM214KN	37 25 48	118 3 55	405,730	4,142,920	7.00	.5	.20	>2.00	N	N	N	<20
BM215KN	37 25 29	118 3 58	405,650	4,142,330	7.00	.7	.70	>2.00	N	N	N	<20
BM216KN	37 25 16	118 3 17	406,670	4,141,910	20.00	.7	2.00	>2.00	N	N	N	50
BM217KN	37 25 17	118 3 13	406,760	4,141,940	10.00	1.0	.50	>2.00	N	N	N	<20
BM218KN	37 26 45	118 2 40	407,610	4,144,650	7.00	1.0	.20	>2.00	N	N	N	20
BM219KN	37 26 20	118 2 35	407,710	4,143,890	20.00	1.0	1.00	>2.00	N	N	N	30
BM220KN	37 25 33	118 1 26	409,390	4,142,400	20.00	.7	1.50	>2.00	N	N	N	20
BM221KN	37 27 43	118 14 49	389,720	4,146,670	5.00	1.0	1.00	>2.00	N	N	N	100
BM222KN	37 25 41	118 14 30	390,130	4,142,890	5.00	1.0	.70	>2.00	N	N	30	100

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
BM114KN	100	N	N	N	10	20	<10	1,000	500	15	150	N
BM115KN	150	N	N	N	10	50	<10	2,000	500	20	150	N
BM116KN	700	N	N	N	N	20	N	1,500	300	10	100	N
BM117KN	100	N	N	N	10	50	<10	2,000	500	20	150	N
BM118KN	200	<2	N	N	10	50	10	500	700	20	150	N
BM119KN	300	<2	N	N	50	100	20	1,000	700	15	200	70
BM120KN	200	<2	N	N	70	50	30	1,000	1,000	10	100	70
BM121KN	70	2	N	N	10	20	20	<50	700	N	N	N
BM122KN	50	7	N	N	N	20	10	N	500	N	N	N
BM123KN	100	10	200	N	N	20	10	1,000	700	N	<50	N
BM124KN	500	<2	N	N	15	70	20	1,500	1,000	20	100	N
BM125KN	70	2	100	N	20	70	20	500	700	10	50	50
BM126KN	70	15	200	N	15	50	15	500	500	50	50	20
BM127KN	100	50	N	N	N	50	15	1,500	700	<10	<50	<10
BM128KN	100	7	30	N	10	100	20	700	700	<10	<50	20
BM129KN	700	2	N	N	15	50	10	300	700	<10	100	20
BM130KN	150	<2	N	N	30	70	15	500	700	15	150	20
BM131KN	200	<2	N	N	30	100	20	500	700	15	100	N
BM132KN	300	<2	500	N	10	30	10	200	700	20	<50	N
BM135KN	300	2	70	N	15	150	<10	200	500	10	100	N
BM136KN	300	<2	20	N	20	100	10	500	500	10	150	10
BM137KN	200	<2	50	N	<10	100	10	150	700	N	70	N
BM138KN	300	N	N	N	70	100	20	700	500	15	150	50
BM201KN	50	N	N	N	N	100	<10	2,000	500	20	100	N
BM202KN	70	N	N	N	<10	50	<10	2,000	500	15	100	N
BM203KN	150	N	N	N	<10	50	<10	2,000	500	20	100	N
BM204KN	100	N	N	N	N	30	<10	1,500	300	20	150	20
BM205KN	100	N	N	N	<10	20	10	2,000	500	15	150	N
BM206KN	700	<2	20	N	50	50	20	300	500	15	100	20
BM207KN	3,000	<2	N	N	200	30	150	500	500	20	150	150
BM208KN	3,000	<2	20	N	150	50	100	500	300	10	100	70
BM209KN	150	<2	N	N	30	1,500	15	200	700	<10	<50	100
BM210KN	150	2	N	N	10	100	10	200	700	N	<50	30
BM211KN	100	<2	N	N	<10	50	10	150	700	N	<50	N
BM212KN	200	<2	N	N	15	200	20	700	700	10	100	50
BM213KN	100	<2	50	N	N	50	<10	200	500	10	70	N
BM214KN	200	N	N	N	N	20	<10	1,000	500	20	150	N
BM215KN	150	N	N	N	N	30	<10	1,000	500	15	150	N
BM216KN	150	N	N	N	N	30	N	1,000	300	15	100	N
BM217KN	150	N	N	N	10	20	<10	1,000	500	15	150	N
BM218KN	200	<2	N	N	N	20	10	1,000	500	10	150	N
BM219KN	100	N	N	N	N	70	<10	2,000	500	20	100	N
BM220KN	150	<2	N	N	N	30	<10	1,000	500	15	100	N
BM221KN	>10,000	N	N	N	<10	30	10	200	500	10	100	N
BM222KN	5,000	<2	N	N	20	70	<10	2,000	500	30	70	20

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
BM114KN	<20	N	30	20	700	<200	300	N	200	N	2,000
BM115KN	50	N	30	20	500	500	200	N	300	N	>2,000
BM116KN	30	N	20	<20	500	<200	200	N	200	N	>2,000
BM117KN	30	N	50	30	500	500	300	N	500	N	>2,000
BM118KN	500	N	30	30	300	300	200	N	300	N	>2,000
BM119KN	30	N	70	30	300	300	200	N	500	N	>2,000
BM120KN	50	N	50	20	700	300	200	N	300	N	>2,000
BM121KN	150	N	N	N	200	N	50	N	20	N	500
BM122KN	20	N	N	N	N	N	30	100	20	N	500
BM123KN	100	N	20	N	200	<200	50	200	200	N	2,000
BM124KN	50	N	30	<20	500	300	200	200	200	N	>2,000
BM125KN	1,000	N	20	N	500	<200	100	300	150	N	>2,000
BM126KN	10,000	N	20	N	300	200	100	500	100	N	>2,000
BM127KN	30	N	30	N	700	200	100	150	300	N	2,000
BM128KN	50	N	20	N	500	200	100	100	150	N	>2,000
BM129KN	30	N	50	<20	300	200	150	N	500	N	>2,000
BM130KN	200	N	50	<20	<200	<200	200	N¤¤	500	N	>2,000
BM131KN	700	N	70	50	300	200	200	N	1,000	N	>2,000
BM132KN	1,000	N	10	50	200	N	100	500	70	N	>2,000
BM135KN	15,000	N	15	<20	200	<200	150	<100	150	N	>2,000
BM136KN	10,000	N	30	100	300	300	200	150	200	500	>2,000
BM137KN	1,000	N	20	30	<200	N	150	N	100	N	>2,000
BM138KN	10,000	N	50	20	200	300	200	1,000	300	N	>2,000
BM201KN	<20	N	30	30	500	300	200	N	300	N	>2,000
BM202KN	30	N	50	30	500	2,000	200	N	500	N	>2,000
BM203KN	20	N	50	20	500	500	200	N	200	N	>2,000
BM204KN	N	N	30	20	500	300	200	N	200	N	>2,000
BM205KN	200	N	20	30	500	2,000	200	200	300	N	2,000
BM206KN	150	N	20	20	700	200	200	150	500	N	>2,000
BM207KN	200	N	15	20	700	200	150	700	500	N	>2,000
BM208KN	300	N	100	20	500	200	150	100	200	N	>2,000
BM209KN	30	N	100	N	700	N	200	N	100	N	2,000
BM210KN	50	N	20	N	1,000	<200	100	N	70	N	2,000
BM211KN	150	N	30	N	300	N	100	<100	50	N	2,000
BM212KN	50	N	50	<20	1,000	500	150	N	150	N	>2,000
BM213KN	500	N	15	N	200	<200	100	150	150	N	>2,000
BM214KN	20	N	30	20	500	300	200	N	200	N	>2,000
BM215KN	20	N	30	30	500	200	200	100	300	N	>2,000
BM216KN	30	N	20	20	500	<200	150	N	150	N	>2,000
BM217KN	30	N	50	20	500	<200	200	N	200	N	>2,000
BM218KN	20	N	20	<20	700	300	200	N	200	N	>2,000
BM219KN	30	N	50	30	700	500	200	N	500	N	>2,000
BM220KN	30	N	20	20	500	200	150	N	200	N	>2,000
BM221KN	200	N	20	50	1,000	300	150	150	200	N	>2,000
BM222KN	1,000	N	70	30	200	700	200	100	500	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
BM223KN	37 21 26	118 5 37	403,130	4,134,880	20.00	1.5	7.00	.30	N	N	N	N
BM224KN	37 21 30	118 5 35	403,180	4,134,990	15.00	1.5	10.00	.30	10.0	N	N	70
BM225KN	37 20 5	118 5 11	403,760	4,132,380	15.00	2.0	10.00	.50	3.0	N	N	20
BM226KN	37 19 30	118 6 12	402,230	4,131,320	15.00	1.0	7.00	2.00	N	N	N	500
BM227KN	37 19 5	118 6 27	401,850	4,130,540	5.00	2.0	1.00	>2.00	N	N	N	200
BM228KN	37 17 37	118 11 22	394,570	4,127,930	5.00	3.0	1.00	>2.00	N	N	N	150
BM229KN	37 17 34	118 11 21	394,580	4,127,830	3.00	1.5	.70	>2.00	N	N	N	150
BM230KN	37 17 45	118 12 12	393,340	4,128,180	10.00	5.0	1.00	2.00	N	N	N	200
BM231KN	37 17 42	118 12 11	393,360	4,128,070	5.00	7.0	1.00	>2.00	N	N	N	100
BM232KN	37 25 10	118 13 25	391,710	4,141,930	3.00	10.0	.70	>2.00	1.5	N	N	150
BM301KN	37 28 56	118 2 30	407,900	4,148,690	15.00	1.0	.30	>2.00	N	N	N	20
BM302KN	37 29 0	118 2 32	407,850	4,148,800	10.00	1.0	1.50	>2.00	N	N	N	20
BM303KN	37 25 33	118 9 9	398,020	4,142,530	10.00	1.0	3.00	>2.00	N	N	N	150
BM304KN	37 25 58	118 9 9	398,030	4,143,310	15.00	2.0	7.00	.70	N	N	N	150
BM305KN	37 26 8	118 8 59	398,280	4,143,630	15.00	3.0	7.00	1.50	N	N	N	100
BM306KN	37 26 15	118 9 2	398,200	4,143,850	10.00	2.0	3.00	>2.00	N	N	N	200
BM307KN	37 24 58	118 2 20	408,050	4,141,360	20.00	.5	1.50	>2.00	N	N	N	70
BM308KN	37 24 32	118 2 22	407,990	4,140,550	20.00	.7	.20	>2.00	N	N	N	20
BM309KN	37 24 9	118 2 35	407,660	4,139,850	10.00	1.0	.50	>2.00	N	N	N	<20
BM310KN	37 23 26	118 2 48	407,340	4,138,530	15.00	.7	.20	>2.00	N	N	N	<20
BM311KN	37 22 58	118 1 20	409,490	4,137,650	15.00	.7	.20	>2.00	N	N	N	<20
BM312KN	37 23 38	118 12 31	393,000	4,139,060	10.00	1.5	1.00	>2.00	N	N	N	70
BM313KN	37 23 47	118 12 28	393,090	4,139,330	10.00	.7	.50	>2.00	N	N	N	100
BM314KN	37 24 3	118 13 15	391,940	4,139,860	10.00	1.5	.50	>2.00	N	N	N	200
BM315KN	37 24 9	118 13 32	391,510	4,140,040	15.00	1.0	1.00	>2.00	N	N	N	100
BM316KN	37 18 47	118 10 20	396,120	4,130,040	3.00	3.0	1.50	>2.00	N	N	N	200
BM317KN	37 18 56	118 9 58	396,650	4,130,330	7.00	1.0	1.00	>2.00	N	N	N	100
BM318KN	37 18 46	118 9 19	397,620	4,130,010	7.00	5.0	1.50	>2.00	N	N	N	200
BM319KN	37 19 14	118 9 50	397,350	4,130,880	2.00	7.0	1.00	>2.00	N	N	N	100
BM320KN	37 18 58	118 9 14	397,740	4,130,360	7.00	.7	5.00	>2.00	N	N	N	70
BM321KN	37 21 52	118 12 17	393,310	4,135,790	2.00	5.0	1.00	>2.00	2.0	N	N	100
BM322KN	37 21 52	118 12 22	393,190	4,135,790	5.00	5.0	1.50	>2.00	5.0	N	N	100
BM323KN	37 20 29	118 12 14	393,340	4,133,240	7.00	2.0	5.00	1.50	N	N	N	150
BM324KN	37 20 30	118 12 18	393,240	4,133,270	7.00	3.0	1.50	2.00	N	N	N	100
BM325KN	37 19 51	118 12 52	392,410	4,132,060	10.00	3.0	2.00	>2.00	N	N	N	200
BM326KN	37 19 27	118 12 58	392,250	4,131,350	15.00	2.0	7.00	2.00	N	N	N	100
BM327KN	37 19 27	118 13 3	392,120	4,131,330	7.00	2.0	2.00	>2.00	N	N	N	150
BM328KN	37 19 19	118 13 4	392,090	4,131,100	7.00	7.0	2.00	>2.00	N	N	N	100
BM329KN	37 22 1	118 14 52	389,490	4,136,110	5.00	5.0	1.00	2.00	N	N	N	150
BM330KN	37 15 3	118 12 19	393,090	4,123,180	3.00	7.0	1.00	>2.00	5.0	N	N	150
BM331KN	37 15 0	118 10 29	395,800	4,123,070	3.00	7.0	1.00	>2.00	N	N	N	150
BM332KN	37 15 7	118 9 47	396,840	4,123,270	10.00	5.0	2.00	2.00	N	N	N	200
BM333KN	37 15 54	118 9 23	397,450	4,124,710	7.00	3.0	1.00	2.00	N	N	N	100
BM334KN	37 15 3	118 12 14	393,210	4,123,200	3.00	5.0	1.50	>2.00	N	N	N	200
BP101KN	37 14 2	118 15 21	388,590	4,121,380	5.00	1.5	.50	>2.00	N	N	N	100

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
BM223KN	200	3	<20	N	N	30	<10	200	500	N	N	N
BM224KN	200	N	70	N	10	20	15	N	1,000	N	<50	N
BM225KN	1,000	15	<20	N	<10	20	30	700	700	100	<50	N
BM226KN	200	<2	100	N	<10	70	<10	150	700	15	70	N
BM227KN	300	2	N	N	20	70	20	700	700	N	70	N
BM228KN	200	<2	20	N	30	100	20	500	700	10	100	50
BM229KN	300	<2	N	N	30	100	30	500	700	20	150	50
BM230KN	500	2	N	N	100	100	50	700	1,000	<10	50	100
BM231KN	700	<2	N	N	150	100	70	700	1,500	15	100	100
BM232KN	>10,000	<2	N	N	150	100	300	2,000	700	<10	70	150
BM301KN	100	<2	N	N	N	50	<10	2,000	700	15	100	N
BM302KN	100	N	N	N	<10	50	<10	1,000	700	20	100	N
BM303KN	100	<2	N	N	N	70	10	500	500	15	100	N
BM304KN	150	<2	N	N	15	50	15	300	700	N	<50	30
BM305KN	150	<2	N	N	50	70	20	500	1,000	N	<50	70
BM306KN	200	<2	20	N	50	70	20	1,000	1,000	10	70	70
BM307KN	200	N	<20	N	N	20	N	1,000	500	<10	150	N
BM308KN	100	N	N	N	N	20	<10	2,000	500	15	100	N
BM309KN	150	N	N	N	15	20	<10	1,500	700	20	100	N
BM310KN	150	N	N	N	10	<20	<10	1,500	500	15	100	N
BM311KN	150	N	N	N	N	20	<10	2,000	500	15	150	N
BM312KN¤P	200	N	N	N	30	30	<10	300	500	30	150	N
BM313KN	150	<2	N	N	<10	30	<10	500	500	10	70	N
BM314KN	500	N	N	N	200	30	30	500	300	15	150	50
BM315KN	1,500	N	N	N	15	30	<10	300	300	<10	150	N
BM316KN	300	<2	20	N	70	100	50	1,000	1,000	10	100	100
BM317KN	300	<2	N	N	10	100	<10	700	500	20	100	N
BM318KN	300	2	N	N	100	100	200	1,000	1,000	10	100	100
BM319KN	500	2	N	N	200	100	100	700	1,000	10	100	150
BM320KN	150	<2	100	N	N	50	<10	500	300	<10	70	N
BM321KN	700	<2	N	N	100	70	50	700	700	10	100	70
BM322KN	300	N	N	N	100	100	30	>2,000	700	15	70	50
BM323KN	500	<2	<20	N	15	100	15	150	700	15	50	20
BM324KN	5,000	2	N	N	30	70	30	500	500	10	70	70
BM325KN	200	2	N	N	30	70	20	500	700	<10	50	50
BM326KN	700	<2	<20	N	15	70	15	200	700	N	50	N
BM327KN	300	<2	N	N	50	100	20	700	700	10	100	50
BM328KN	300	<2	N	N	100	70	100	700	700	10	50	150
BM329KN	>10,000	<2	N	N	50	50	50	2,000	700	10	50	100
BM330KN	300	<2	70	N	150	100	150	500	500	<10	70	200
BM331KN	500	2	N	N	150	100	100	700	1,000	<10	100	150
BM332KN	700	<2	N	N	30	100	50	500	1,000	<10	70	50
BM333KN	700	<2	N	N	20	100	20	500	1,000	<10	70	50
BM334KN	500	<2	N	N	100	150	50	700	700	10	100	100
BP101KN	500	N	N	N	20	100	10	500	500	15	150	N

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
BM223KN	30	N	N	N	200	N	100	<100	20	N	2,000
BM224KN	500	N	N	N	<200	N	70	<100	30	N	1,000
BM225KN	1,500	N	10	N	200	<200	70	200	100	<500	>2,000
BM226KN	70	N	15	N	N	<200	150	150	100	N	>2,000
BM227KN	30	N	50	N	200	300	150	N	500	N	>2,000
BM228KN	150	N	20	30	300	500	150	N	200	N	>2,000
BM229KN	50	N	30	30	500	300	200	N	300	N	>2,000
BM230KN	100	N	30	<20	500	<200	150	<100	150	1,000	>2,000
BM231KN	1,000	N	50	20	500	300	200	<100	300	N	>2,000
BM232KN	2,000	N	50	<20	700	<200	150	100	200	N	>2,000
BM301KN	50	N	30	20	200	1,000	200	N	200	N	>2,000
BM302KN	20	N	30	20	500	500	200	N	200	N	>2,000
BM303KN	200	N	30	20	<200	200	150	<100	500	N	>2,000
BM304KN	20	N	15	N	300	N	100	N	70	N	2,000
BM305KN	500	N	15	N	200	<200	100	N	50	N	>2,000
BM306KN	150	N	50	30	200	300	150	<100	300	N	>2,000
BM307KN	50	N	30	50	500	200	200	<100	200	N	>2,000
BM308KN	20	N	30	20	500	<200	200	N	200	N	>2,000
BM309KN	20	N	30	30	500	200	200	N	200	N	>2,000
BM310KN	100	N	30	20	700	<200	200	N	200	N	2,000
BM311KN	200	N	30	20	500	200	200	N	300	N	>2,000
BM312KN	30	N	50	20	200	500	200	200	700	N	>2,000
BM313KN	50	N	70	20	200	300	150	N	500	N	>2,000
BM314KN	3,000	N	50	20	300	500	150	N	700	N	>2,000
BM315KN	500	N	20	30	500	500	150	<100	200	N	>2,000
BM316KN	70	N	70	<20	500	500	200	<100	300	N	>2,000
BM317KN	700	N	50	50	200	700	200	N	500	N	>2,000
BM318KN	1,000	N	50	20	500	200	150	N	200	N	>2,000
BM319KN	300	N	50	20	200	200	150	<100	200	N	>2,000
BM320KN	200	N	30	20	N	200	150	100	500	N	>2,000
BM321KN	3,000	N	50	50	200	500	150	150	200	N	>2,000
BM322KN	2,000	N	100	<20	200	200	150	100	200	N	>2,000
BM323KN	200	N	15	30	300	<200	150	N	100	N	2,000
BM324KN	150	N	20	<20	300	<200	150	N	150	N	>2,000
BM325KN	300	N	50	100	700	<200	150	N	150	N	>2,000
BM326KN	200	N	15	20	200	<200	100	N	100	N	>2,000
BM327KN	150	N	50	30	200	300	150	N	200	N	>2,000
BM328KN	500	N	30	100	300	300	150	N	200	N	>2,000
BM329KN	70	N	50	N	700	200	150	N	200	N	>2,000
BM330KN	2,000	N	50	<20	300	200	150	N	200	N	>2,000
BM331KN	700	N	30	20	<200	200	150	N	200	N	>2,000
BM332KN	7,000	N	20	20	500	200	150	N	200	N	>2,000
BM333KN	50	N	30	<20	1,000	<200	200	N	150	N	>2,000
BM334KN	200	N	50	30	200	300	150	<100	300	N	>2,000
BP101KN	200	N	70	50	200	1,000	200	N	700	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
DM003KN	37 46 17	118 14 22	390,820	4,180,970	7.00	1.5	.50	>2.00	N	N	N	20
DM004KN	37 46 3	118 14 19	390,890	4,180,550	1.00	1.0	.20	>2.00	N	N	N	20
DM005KN	37 47 28	118 12 26	393,690	4,183,140	7.00	1.5	2.00	>2.00	N	N	N	30
DM101KN	37 51 1	118 14 46	390,350	4,189,750	5.00	1.5	.30	>2.00	N	N	N	150
DM102KN	37 45 23	118 13 40	391,830	4,179,290	15.00	1.5	5.00	.50	N	N	N	30
DM103KN	37 46 25	118 12 59	392,860	4,181,200	3.00	1.0	.50	>2.00	N	N	N	20
DM104KN	37 49 6	118 14 30	390,700	4,186,190	5.00	.5	.30	>2.00	N	N	N	<20
DM201KN	37 46 24	118 12 57	392,900	4,181,160	15.00	2.0	3.00	2.00	20.0	N	N	70
DM202KN	37 48 43	118 14 26	390,800	4,185,470	2.00	.5	.50	>2.00	N	N	N	20
DM203KN	37 49 20	118 13 46	391,780	4,186,610	1.00	.5	.20	>2.00	N	N	N	<20
DM204KN	37 46 15	118 10 36	396,360	4,180,840	10.00	2.0	2.00	2.00	70.0	N	N	50
DM205KN	37 45 37	118 10 29	396,520	4,179,680	10.00	1.5	1.00	>2.00	N	N	N	50
DM301KN	37 50 29	118 14 2	391,420	4,188,730	5.00	.5	.15	>2.00	N	N	N	<20
MB001KN	37 44 45	118 12 16	393,880	4,178,100	10.00	2.0	5.00	1.00	10.0	N	N	50
MB002KN	37 44 44	118 11 2	395,690	4,178,040	15.00	.5	1.50	>2.00	N	N	N	20
MB003KN	37 44 35	118 10 56	395,820	4,177,770	15.00	1.5	1.50	>2.00	N	N	N	50
MB004KN	37 43 6	118 14 22	390,760	4,175,100	5.00	.5	.15	>2.00	N	N	N	20
MB005KN	37 42 20	118 12 39	393,260	4,173,640	7.00	.5	.15	>2.00	N	N	N	30
MB006KN	37 42 14	118 12 28	393,510	4,173,470	10.00	1.5	.50	>2.00	N	N	N	<20
MB007KN	37 38 55	118 12 55	392,790	4,167,330	20.00	.5	.15	>2.00	N	N	N	30
MB008KN	37 39 53	118 12 11	393,890	4,169,100	15.00	.3	.10	2.00	N	N	N	20
MB009KN	37 39 59	118 12 3	394,070	4,169,280	20.00	.5	.30	>2.00	N	N	N	20
MB010KN	37 39 48	118 9 35	397,690	4,168,890	20.00	1.0	.10	.70	N	N	N	30
MB011KN	37 39 26	118 8 14	399,680	4,168,190	15.00	.5	.20	2.00	N	N	N	30
MB012KN	37 37 47	118 11 50	394,340	4,165,210	10.00	.7	1.00	>2.00	N	N	N	30
MB013KN	37 37 41	118 11 47	394,430	4,165,040	10.00	.7	1.00	2.00	N	N	N	70
MB014KN	37 38 16	118 10 33	396,250	4,166,100	7.00	1.0	.50	>2.00	N	N	N	30
MB015KN	37 38 20	118 10 34	396,230	4,166,210	15.00	.5	.30	2.00	N	N	N	30
MB016KN	37 38 58	118 9 28¤p	397,850	4,167,370	15.00	1.0	.30	1.00	N	N	N	30
MB017KN	37 39 4	118 8 27	399,360	4,167,530	3.00	1.0	.50	>2.00	N	N	N	150
MB018KN	37 30 28	118 10 59	395,430	4,151,680	10.00	.7	2.00	>2.00	N	N	N	500
MB019KN	37 30 33	118 10 56	395,490	4,151,820	5.00	2.0	5.00	>2.00	N	N	N	1,000
MB020KN	37 30 59	118 10 15	396,520	4,152,600	5.00	2.0	3.00	>2.00	N	N	N	300
MB021KN	37 31 42	118 9 46	397,240	4,153,940	10.00	1.0	5.00	>2.00	N	N	N	200
MB022KN	37 31 49	118 9 48	397,190	4,154,150	15.00	.7	5.00	>2.00	N	N	N	20
MB023KN	37 32 40	118 5 9	404,060	4,155,620	20.00	.5	.70	>2.00	N	N	N	20
MB024KN	37 32 44	118 5 12	403,990	4,155,770	10.00	2.0	5.00	>2.00	N	N	N	30
MB025KN	37 32 59	118 3 51	405,990	4,156,200	20.00	.5	.15	>2.00	N	N	N	20
MB026KN	37 33 4	118 3 54	405,910	4,156,360	15.00	.5	.15	>2.00	N	N	N	30
MB027KN	37 33 11	118 1 39	409,230	4,156,530	15.00	.2	.05	>2.00	N	N	N	N
MB028KN	37 33 5	118 1 46	409,060	4,156,360	10.00	.7	.20	>2.00	N	N	N	<20
MB029KN	37 42 43	118 11 44	394,600	4,174,340	10.00	.7	.20	>2.00	N	N	N	50
MB030KN	37 43 45	118 9 30	397,920	4,176,220	10.00	1.0	3.00	>2.00	N	N	N	30
MB101KN	37 43 14	118 12 36	395,360	4,175,310	7.00	1.5	.50	>2.00	N	N	N	30
MB102KN	37 43 29	118 10 50	395,960	4,175,740	15.00	.7	5.00	.70	N	N	N	50

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
DM003KN	>10,000	2	20	N	N	50	15	1,000	500	N	100	N
DM004KN	3,000	2	N	N	<10	100	<10	500	200	10	200	N
DM005KN	300	2	100	N	15	500	10	300	500	15	200	100
DM101KN	150	<2	N	N	30	50	100	300	500	N	150	N
DM102KN	100	50	20	N	N	30	<10	150	500	10	<50	20
DM103KN	>10,000	3	N	N	<10	70	<10	500	300	15	200	N
DM104KN	700	<2	20	N	N	<20	<10	500	500	<10	100	N
DM201KN	500	10	N	N	10	50	30	200	500	10	70	15
DM202KN	150	2	N	N	N	50	<10	1,000	300	N	200	N
DM203KN	200	2	N	N	N	30	10	2,000	500	N	150	N
DM204KN	>10,000	7	<20	N	20	50	20	300	500	50	100	20
DM205KN	1,000	5	200	N	N	30	15	500	500	15	150	N
DM301KN	100	N	N	N	N	30	<10	1,000	700	N	150	N
MB001KN	10,000	5	N	N	50	30	20	150	500	50	<50	30
MB002KN	7,000	5	N	N	N	30	N	200	500	50	100	N
MB003KN	1,000	5	20	N	15	30	15	700	700	10	100	N
MB004KN	>10,000	<2	N	N	N	50	N	700	200	N	100	N
MB005KN	>10,000	<2	N	N	N	30	10	500	300	10	200	N
MB006KN	2,000	N	<20	N	50	70	20	700	500	15	200	<10
MB007KN	700	N	N	N	N	20	<10	500	500	N	70	N
MB008KN	700	N	N	N	N	30	N	200	700	N	50	N
MB009KN	200	N	N	N	N	30	<10	500	700	10	200	N
MB010KN	1,000	N	N	N	10	20	<10	>2,000	3,000	N	50	50
MB011KN	500	<2	N	N	N	20	<10	2,000	2,000	N	100	20
MB012KN	150	N	N	N	10	30	<10	300	700	N	150	N
MB013KN	150	<2	N	N	15	30	10	500	500	30	<50	N
MB014KN	150	N	100	N	N	30	15	300	700	N	50	N
MB015KN	100	<2	N	N	N	20	<10	700	700	<10	70	N
MB016KN	200	N	50	N	15	30	15	>2,000	1,000	N	<50	30
MB017KN	150	<2	N	N	20	30	10	500	500	10	70	N
MB018KN	200	N	200	N	15	70	10	200	500	15	100	N
MB019KN	200	N	300	N	50	100	30	700	700	10	150	30
MB020KN	100	N	150	N	30	70	20	700	700	15	100	30
MB021KN	150	<2	70	N	10	70	10	200	500	10	100	N
MB022KN	100	N	N	N	N	50	50	500	500	15	50	N
MB023KN	50	N	N	N	N	150	<10	2,000	1,000	20	100	N
MB024KN	100	N	N	N	30	2,000	10	700	700	20	100	200
MB025KN	100	N	<20	N	<10	30	N	2,000	500	20	100	<10
MB026KN	70	N	N	N	N	50	<10	2,000	500	20	200	N
MB027KN	300	N	N	N	<10	20	<10	1,500	500	30	70	N
MB028KN	100	N	N	N	N	20	<10	1,500	500	20	100	N
MB029KN	10,000	N	N	N	15	50	<10	500	300	N	100	N
MB030KN	10,000	2	<20	N	<10	30	15	200	500	N	100	N
MB101KN	200	N	N	N	N	30	10	500	1,000	15	150	N
MB102KN	5,000	<2	N	N	N	30	10	150	500	N	<50	N

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
DM003KN	30	N	70	50	500	<200	200	N	700	N	>2,000
DM004KN	30	N	100	50	<200	500	150	150	500	N	>2,000
DM005KN	30	N	20	20	500	1,000	150	N	200	N	>2,000
DM101KN	20	N	50	30	200	<200	200	N	300	N	>2,000
DM102KN	30	N	N	N	500	N	70	N	50	N	1,000
DM103KN	50	N	70	30	700	300	150	100	500	N	>2,000
DM104KN	50	N	50	50	200	500	100	N	700	N	>2,000
DM201KN	500	N	15	N	500	N	100	N	100	1,000	2,000
DM202KN	30	N	100	100	N	700	200	N	1,000	N	>2,000
DM203KN	20	N	100	70	N	1,500	100	N	700	N	>2,000
DM204KN	300	N	20	<20	700	<200	100	100	200	N	>2,000
DM205KN	20	N	20	20	200	<200	150	N	300	N	2,000
DM301KN	20	N	100	50	N	1,000	200	N	700	N	>2,000
MB001KN	500	N	10	N	700	N	70	100	50	<500	2,000
MB002KN	100	N	20	20	700	<200	100	100	200	N	>2,000
MB003KN	50	N	20	<20	500	<200	150	N	200	N	>2,000
MB004KN	<20	N	100	20	500	300	150	N	700	N	>2,000
MB005KN	20	N	30	20	1,000	200	150	N	500	N	>2,000
MB006KN	20	N	50	30	500	200	200	<100	500	N	>2,000
MB007KN	50	N	30	<20	500	200	100	<100	500	N	>2,000
MB008KN	50	N	50	N	500	200	100	<100	300	N	>2,000
MB009KN	20	N	30	30	200	200	150	N	500	N	>2,000
MB010KN	100	N	70	N	500	500	70	N	1,000	N	>2,000
MB011KN	30	N	20	20	500	200	100	N	700	N	>2,000
MB012KN	N	N	20	30	300	<200	150	<100	200	N	>2,000
MB013KN	50	N	50	N	300	300	150	N	500	N	>2,000
MB014KN	30	N	50	N	200	700	150	<100	1,000	N	>2,000
MB015KN	20	N	20	N	500	500	150	N	500	N	>2,000
MB016KN	30	N	100	N	500	1,000	100	N	1,000	N	>2,000
MB017KN	20	N	50	20	300	200	150	<100	300	N	>2,000
MB018KN	200	N	70	150	<200	200	200	100	500	N	>2,000
MB019KN	30	N	50	20	<200	500	150	700	300	N	>2,000
MB020KN	50	N	50	20	200	500	200	150	500	N	>2,000
MB021KN	200	N	20	20	300	200	150	200	200	N	>2,000
MB022KN	1,000	N	20	70	200	700	150	100	100	N	>2,000
MB023KN	N	N	20	N	200	700	200	N	700	N	>2,000
MB024KN	30	N	150	20	200	200	150	N	200	N	>2,000
MB025KN	20	N	50	30	500	200	200	N	500	N	>2,000
MB026KN	<20	N	20	30	500	500	200	N	500	N	>2,000
MB027KN	200	N	30	20	300	200	150	N	200	N	>2,000
MB028KN	N	N	20	20	500	200	150	N	300	N	>2,000
MB029KN	100	N	50	30	500	200	150	100	500	N	>2,000
MB030KN	20	N	15	20	500	N	100	<100	150	N	>2,000
MB101KN	20	N	50	30	500	300	200	N	700	N	>2,000
MB102KN	30	N	15	<20	300	N	50	N	50	N	700

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
MB103KN	37 43 34	118 9 58	397,220	4,175,860	10.00	1.5	3.00	1.00	N	N	N	70
MB104KN	37 36 55	118 10 0	397,020	4,163,574	15.00	1.0	1.00	2.00	N	N	N	100
MB105KN	37 38 12	118 7 30	400,720	4,165,906	20.00	1.0	5.00	2.00	N	N	N	50
MB106KN	37 38 30	118 7 28	400,790	4,166,447	10.00	1.5	7.00	.50	N	N	N	20
MB107KN	37 38 12	118 6 3	402,870	4,165,877	15.00	2.0	2.00	2.00	N	N	N	50
MB108KN	37 37 25	118 10 26	396,390	4,164,525	10.00	1.5	.50	>2.00	N	N	N	50
MB109KN	37 37 28	118 10 27	396,380	4,164,611	5.00	1.5	.50	1.00	N	N	N	100
MB110KN	37 37 36	118 10 0	397,030	4,164,839	10.00	.5	.10	1.50	N	N	N	20
MB111KN	37 37 41	118 9 45	397,410	4,165,000	5.00	1.0	.20	1.50	N	N	N	150
MB112KN	37 37 40	118 9 44	397,440	4,164,972	7.00	1.5	1.00	>2.00	N	N	N	150
MB113KN	37 35 17	118 3 35	406,430	4,160,460	15.00	.5	.20	>2.00	N	N	N	<20
MB114KN	37 35 17	118 3 32	406,500	4,160,450	10.00	1.0	.50	>2.00	N	N	N	30
MB115KN	37 35 0	118 2 48	407,580	4,159,920	15.00	.5	.20	>2.00	N	N	N	<20
MB116KN	37 34 34	118 2 25	408,130	4,159,110	10.00	.7	.20	>2.00	N	N	N	20
MB117KN	37 34 10	118 1 54	408,880	4,158,340	15.00	.5	.15	>2.00	N	N	N	N
MB118KN	37 34 8	118 12 25	393,390	4,158,470	10.00	1.0	7.00	>2.00	N	N	N	100
MB119KN	37 34 24	118 11 59	394,040	4,158,950	7.00	1.0	5.00	>2.00	N	N	N	150
MB120KN	37 33 31	118 10 21	396,420	4,157,290	10.00	2.0	3.00	>2.00	N	N	N	200
MB121KN	37 41 46	118 7 21	401,040	4,172,490	15.00	.5	7.00	.50	10.0	N	N	<20
MB122KN	37 32 51	118 8 41	398,880	4,156,020	10.00	.5	2.00	>2.00	N	N	N	50
MB123KN	37 31 55	118 8 34	399,030	4,154,310	15.00	.7	3.00	>2.00	N	N	N	20
MB124KN	37 31 55	118 8 3	399,790	4,154,290	10.00	1.0	.30	>2.00	N	N	N	<20
MB125KN	37 30 46	118 2 25	408,050	4,152,090	10.00	.5	.20	>2.00	N	N	N	20
MB126KN	37 31 24	118 0 3	411,540	4,153,210	10.00	1.0	.20	>2.00	N	500	<20	20
MB128KN	37 31 58	118 0 1	411,610	4,154,260	10.00	.5	.20	>2.00	N	N	N	<20
MB129KN	37 30 17	118 8 57	398,420	4,151,290	10.00	1.0	1.50	>2.00	N	N	N	50
MB130KN	37 30 15	118 8 58	398,400	4,151,220	7.00	1.0	.50	>2.00	N	N	N	150
MB131KN	37 30 13	118 8 32	399,020	4,151,160	10.00	2.0	.50	.70	20.0	N	N	50
MB132KN	37 32 51	118 0 29	410,940	4,155,900	15.00	.5	.05	>2.00	N	N	N	<20
MB133KN	37 43 1	118 8 51	398,850	4,174,830	10.00	1.5	7.00	.50	N	N	N	150
MB134KN	37 38 55	118 9 25	397,930	4,167,270	15.00	1.0	.50	2.00	N	N	N	20
MB135KN	37 40 1	118 10 33	396,290	4,169,330	10.00	.5	.10	>2.00	N	N	N	<20
MB201KN	37 44 51	118 13 54	391,490	4,178,310	15.00	1.0	3.00	2.00	500.0	N	N	200
MB202KN	37 43 17	118 12 33	393,430	4,175,410	7.00	1.5	.10	>2.00	N	N	N	150
MB203KN	37 42 51	118 11 40	394,720	4,174,580	10.00	1.5	.50	>2.00	N	N	N	150
MB204KN	37 43 1	118 11 11	395,430	4,174,880	5.00	1.5	2.00	2.00	N	N	N	100
MB205KN	37 41 46	118 14 4	391,160	4,172,630	15.00	1.0	.10	>2.00	N	N	N	150
MB206KN	37 41 48	118 14 6	391,100	4,172,700	3.00	3.0	.50	>2.00	N	N	N	20
MB207KN	37 42 14	118 12 41	393,200	4,173,460	3.00	1.5	.30	>2.00	N	N	N	70
MB208KN	37 36 51	118 9 58	397,060	4,163,463	20.00	.3	.10	2.00	N	N	N	<20
MB209KN	37 37 57	118 8 33	399,180	4,165,469	15.00	1.5	5.00	1.00	N	N	N	100
MB210KN	37 37 53	118 8 33	399,190	4,165,351	10.00	2.0	3.00	.50	3.0	N	N	150
MB211KN	37 39 22	118 8 7	399,850	4,168,090	10.00	.7	.20	2.00	N	N	N	70
MB212KN	37 39 29	118 6 39	402,000	4,168,270	20.00	.5	.50	2.00	N	N	N	20
MB213KN	37 39 53	118 6 21	402,460	4,169,010	10.00	1.0	.20	>2.00	N	N	N	20

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
MB103KN	>10,000	2	200	N	15	20	15	200	500	30	50	20
MB104KN	150	<2	50	N	15	50	10	200	500	20	50	N
MB105KN	50	<2	N	N	<10	50	<10	200	700	N	<50	N
MB106KN	150	<2	N	N	10	50	10	100	700	N	<50	N
MB107KN	150	<2	N	N	50	50	20	150	700	15	50	30
MB108KN	200	N	N	N	N	50	10	500	1,000	N	<50	N
MB109KN	500	<2	N	N	20	30	20	500	500	500	<50	N
MB110KN	200	<2	N	N	10	20	10	500	700	N	70	N
MB111KN	300	<2	N	N	15	30	15	300	500	10	<50	N
MB112KN	1,000	<2	N	N	15	50	10	500	700	N	50	N
MB113KN	<50	N	N	N	10	50	N	1,500	500	20	150	N
MB114KN	100	N	N	N	15	50	<10	2,000	500	10	200	N
MB115KN	100	N	N	N	10	20	<10	1,000	500	20	100	<10
MB116KN	150	<2	N	N	15	20	10	2,000	700	20	150	N
MB117KN	1,500	N	N	N	15	30	10	1,000	700	15	100	N
MB118KN	100	N	<20	N	N	100	<10	200	500	10	100	N
MB119KN	500	N	N	N	N	70	10	200	700	N	70	N
MB120KN¤P	100	<2	N	N	15	70	10	700	700	10	100	N
MB121KN	500	7	70	N	N	20	15	200	500	15	<50	20
MB122KN	100	N	N	N	N	20	10	1,500	500	15	150	N
MB123KN	100	N	N	N	N	30	10	700	500	15	70	N
MB124KN	50	N	N	N	<10	20	15	1,500	700	15	150	N
MB125KN	150	N	N	N	10	30	<10	2,000	500	20	150	N
MB126KN	1,000	<2	N	N	15	20	15	1,500	1,000	20	200	N
MB128KN	500	N	N	N	<10	20	N	1,000	500	20	200	N
MB129KN	150	N	N	N	10	30	<10	1,000	700	<10	150	N
MB130KN	150	N	N	N	10	50	10	2,000	1,000	20	300	N
MB131KN	200	<2	20	N	<10	70	15	150	500	N	50	N
MB132KN	700	N	N	N	15	20	10	1,000	500	20	100	N
MB133KN	>10,000	2	<20	N	N	50	10	<50	500	100	N	N
MB134KN	150	N	N	N	10	20	<10	1,000	700	20	70	N
MB135KN	500	N	N	N	N	20	<10	1,000	1,000	N	150	N
MB201KN	10,000	10	<20	150	10	50	500	200	500	50	50	N
MB202KN	10,000	N	100	N	20	50	<10	500	500	20	150	N
MB203KN	10,000	<2	70	N	15	50	<10	200	500	15	150	N
MB204KN	1,500	3	N	N	<10	100	15	150	500	N	50	20
MB205KN	7,000	2	70	N	<10	20	<10	2,000	500	15	100	N
MB206KN	10,000	N	20	N	30	50	50	700	1,000	10	100	50
MB207KN	>10,000	<2	70	N	20	20	10	500	200	<10	100	N
MB208KN	500	15	N	N	<10	<20	<10	1,000	700	30	100	N
MB209KN	100	2	N	N	10	70	15	150	500	N	50	N
MB210KN	100	2	N	N	10	30	10	150	1,000	15	<50	N
MB211KN	700	<2	N	N	10	20	<10	700	700	10	50	N
MB212KN	2,000	<2	N	N	20	20	10	700	1,000	15	50	N
MB213KN	1,000	2	1,500	N	N	<20	<10	2,000	1,000	20	200	N

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
MB103KN	300	N	15	N	1,000	200	100	200	100	N	>2,000
MB104KN	200	N	30	N	200	500	150	100	300	N	>2,000
MB105KN	20	N	15	N	500	<200	100	N	150	N	>2,000
MB106KN	20	N	10	N	200	<200	100	N	50	N	500
MB107KN	N	N	20	<20	300	N	100	<100	100	N	>2,000
MB108KN	30	N	70	N	300	500	200	N	1,000	N	>2,000
MB109KN	1,500	<200	100	N	700	2,000	150	150	500	N	>2,000
MB110KN	50	N	50	<20	500	2,000	100	N	300	N	>2,000
MB111KN	70	N	50	N	500	1,000	100	N	300	N	>2,000
MB112KN	20	N	50	N	700	1,000	150	N	300	N	>2,000
MB113KN	<20	N	50	20	500	300	200	N	300	N	>2,000
MB114KN	<20	N	50	<20	500	500	200	N	500	N	>2,000
MB115KN	30	N	30	30	500	200	200	N	200	N	>2,000
MB116KN	100	N	30	30	500	2,000	150	N	200	N	>2,000
MB117KN	500	N	30	20	500	<200	150	N	300	N	2,000
MB118KN	<20	N	20	<20	N	<200	150	<100	150	N	>2,000
MB119KN	50	N	30	N	200	500	200	<100	200	N	>2,000
MB120KN	20	N	30	<20	300	500	150	<100	200	N	>2,000
MB121KN	5,000	N	<10	N	300	N	50	N	70	700	200
MB122KN	20	N	30	<20	500	1,000	200	<100	300	N	>2,000
MB123KN	30	N	20	<20	300	500	100	100	100	N	>2,000
MB124KN	50	N	20	20	500	700	200	<100	300	N	>2,000
MB125KN	50	N	50	50	500	700	150	N	300	N	>2,000
MB126KN	50	N	70	50	500	2,000	150	100	500	N	>2,000
MB128KN	20	N	20	30	700	200	150	N	200	N	1,500
MB129KN	30	N	30	30	500	200	200	N	500	N	>2,000
MB130KN	50	N	70	50	500	500	200	N	1,000	N	>2,000
MB131KN	5,000	N	15	N	1,000	N	150	N	70	N	2,000
MB132KN	300	N	30	30	300	1,500	150	N	300	N	2,000
MB133KN	200	N	<10	N	700	N	100	N	20	N	500
MB134KN	20	N	50	<20	500	500	200	100	500	N	>2,000
MB135KN	20	N	50	50	300	500	200	N	500	N	>2,000
MB201KN	5,000	500	15	<20	700	<200	100	200	150	10,000	>2,000
MB202KN	70	N	20	20	200	200	200	700	500	N	>2,000
MB203KN	30	N	20	<20	500	200	150	500	300	N	>2,000
MB204KN	30	N	20	N	200	N	100	150	100	N	2,000
MB205KN	50	N	50	20	500	200	100	300	500	N	>2,000
MB206KN	200	N	50	150	500	200	200	150	1,000	N	>2,000
MB207KN	100	N	50	20	700	<200	150	200	500	N	>2,000
MB208KN	200	N	30	<20	500	700	150	N	300	N	>2,000
MB209KN	<20	N	20	N	200	200	300	100	150	N	>2,000
MB210KN	300	N	15	N	300	300	150	300	150	N	>2,000
MB211KN	20	N	50	N	500	500	150	100	700	N	>2,000
MB212KN	50	N	30	<20	500	500	100	<100	700	N	>2,000
MB213KN	200	N	50	30	200	1,000	200	N	700	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
MB214KN	37 40 46	118 6 24	402,400	4,170,640	15.00	1.0	10.00	2.00	N	N	N	50
MB215KN	37 34 15	118 5 53	403,020	4,158,560	15.00	2.0	.50	>2.00	N	N	N	20
MB216KN	37 34 29	118 4 49	404,590	4,159,000	10.00	.7	.20	>2.00	N	N	N	<20
MB217KN	37 34 32	118 4 51	404,550	4,159,090	20.00	.5	.07	>2.00	N	N	N	<20
MB218KN	37 38 25	118 5 23	403,850	4,166,274	10.00	1.5	3.00	2.00	N	N	N	50
MB219KN	37 38 51	118 5 15	404,060	4,167,080	15.00	1.0	5.00	2.00	N	N	N	50
MB220KN	37 39 2	118 5 24	403,830	4,167,420	10.00	1.5	2.00	.70	N	N	N	20
MB221KN	37 34 8	118 12 28	393,340	4,158,480	7.00	1.5	5.00	>2.00	N	N	N	200
MB222KN	37 33 28	118 10 26	396,310	4,157,210	10.00	1.0	2.00	>2.00	N	N	N	20
MB223KN	37 32 46	118 10 14	396,590	4,155,910	15.00	.5	1.00	>2.00	N	N	N	30
MB224KN	37 32 41	118 10 14	396,590	4,155,740	15.00	.7	5.00	>2.00	N	N	N	50
MB225KN	37 41 50	118 7 24	400,950	4,172,630	15.00	1.0	10.00	.70	N	N	N	<20
MB226KN	37 32 52	118 8 38	398,930	4,156,060	15.00	.7	.70	>2.00	N	N	N	<20
MB227KN	37 31 57	118 8 29	399,130	4,154,360	20.00	.5	2.00	>2.00	N	N	N	30
MB228KN	37 31 38	118 6 32	402,010	4,153,750	15.00	1.0	.20	>2.00	N	N	N	<20
MB229KN	37 30 45	118 2 25	408,040	4,152,030	15.00	.5	.10	>2.00	N	N	N	<20
MB231KN	37 30 31	118 0 2	411,550	4,151,570	10.00	1.5	.30	>2.00	N	N	N	30
MB232KN	37 41 11	118 8 38	399,130	4,171,430	15.00	1.5	3.00	2.00	N	N	N	100
MB301KN	37 39 25	118 13 56	391,290	4,168,260	10.00	.7	.10	>2.00	N	N	N	50
MB302KN	37 39 27	118 14 0	391,200	4,168,350	10.00	1.5	.30	>2.00	N	N	N	100
MB303KN	37 41 14	118 10 16	396,740	4,171,550	15.00	1.5	.20	>2.00	N	N	N	20
MB304KN	37 41 17	118 10 16	396,740	4,171,670	10.00	1.0	.15	>2.00	N	N	N	<20
MB305KN	37 41 9	118 8 34	399,220	4,171,370	20.00	2.0	2.00	1.50	15.0	N	N	50
MB306KN	37 42 23	118 8 39	399,130	4,173,670	10.00	5.0	3.00	1.50	7.0	1,000	N	100
MB307KN	37 42 26	118 8 42	399,070	4,173,760	5.00	2.0	.70	2.00	10.0	N	N	100
MB308KN	37 36 17	118 7 35	400,560	4,162,369	20.00	.5	.10	>2.00	N	N	N	<20
MB309KN	37 36 18	118 7 38	400,490	4,162,404	15.00	.3	.10	>2.00	N	N	N	<20
MB310KN	37 36 39	118 7 13	401,120	4,163,026	15.00	.7	.15	>2.00	N	N	N	20
MB311KN	37 36 40	118 6 25	402,300	4,163,058	20.00	.7	.10	2.00	N	N	N	20
MB312KN	37 36 50	118 5 17	403,950	4,163,339	20.00	1.0	.10	2.00	N	N	N	30
MB313KN	37 36 48	118 5 18	403,930	4,163,274	15.00	.7	.10	>2.00	N	N	N	50
MB314KN	37 37 26	118 5 2	404,330	4,164,434	10.00	1.0	5.00	1.00	N	N	N	50
MB315KN	37 34 40	118 7 10	401,150	4,159,370	15.00	.7	.20	>2.00	N	N	N	<20
MB316KN	37 34 44	118 7 17	400,980	4,159,500	15.00	.5	.30	>2.00	10.0	N	N	20
MB317KN	37 35 54	118 5 40	403,370	4,161,635	10.00	1.5	.50	>2.00	N	N	N	20
MB318KN	37 35 53	118 5 43	403,310	4,161,580	15.00	.7	.15	>2.00	N	N	N	20
MB319KN	37 36 0	118 4 29	405,120	4,161,800	15.00	.7	.30	>2.00	N	N	N	20
MB321KN	37 32 12	118 10 26	396,280	4,154,850	7.00	10.0	5.00	>2.00	N	N	N	70
MB322KN	37 31 50	118 8 15	399,480	4,154,140	15.00	.5	.10	>2.00	N	N	N	20
MB323KN	37 31 48	118 7 51	400,060	4,154,070	15.00	.5	.05	>2.00	N	N	N	N
MB324KN	37 31 44	118 7 39	400,360	4,153,960	10.00	.3	.10	>2.00	N	N	N	20
MB325KN	37 31 39	118 7 8	401,120	4,153,780	15.00	.5	.10	>2.00	N	N	N	30
MB326KN	37 31 27	118 4 49	404,540	4,153,370	20.00	.5	1.00	>2.00	N	N	N	20
MB327KN	37 30 41	118 4 15	405,340	4,151,950	20.00	.2	.10	>2.00	N	N	N	<20
MB328KN	37 30 46	118 4 18	405,280	4,152,120	15.00	.5	.50	>2.00	N	N	N	20

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
MB214KN	300	20	20	N	N	20	15	200	700	10	100	N
MB215KN	100	N	N	N	15	30	10	700	1,000	20	200	N
MB216KN	100	N	N	N	N	50	<10	700	700	N	100	N
MB217KN	50	N	N	N	15	20	N	1,000	500	15	100	N
MB218KN	100	2	N	N	15	50	20	300	1,000	N	50	N
MB219KN	200	2	N	N	<10	50	<10	700	1,000	N	70	N
MB220KN	10,000	<2	N	N	15	20	10	>2,000	1,500	15	50	N
MB221KN	150	N	N	N	<10	5□□	10	500	700	10	150	N
MB222KN	100	N	N	N	N	50	N	1,000	500	10	100	N
MB223KN	200	N	N	N	<10	20	<10	2,000	500	20	100	N
MB224KN	150	N	200	N	N	20	<10	500	700	15	100	N
MB225KN	3,000	2	30	N	10	20	10	70	1,000	N	50	N
MB226KN	50	N	N	N	N	100	<10	1,500	1,000	20	200	N
MB227KN	50	N	N	N	<10	30	N	1,500	500	20	150	N
MB228KN	150	N	N	N	N	<20	<10	2,000	500	15	100	N
MB229KN	100	N	N	N	<10	<20	<10	2,000	500	15	100	N
MB231KN	150	N	N	N	<10	20	<10	1,000	1,000	15	200	N
MB232KN	3,000	10	300	N	15	20	10	700	1,000	20	100	N
MB301KN	150	N	N	N	10	20	N	500	700	20	300	<10
MB302KN	>10,000	N	500	N	10	50	<10	700	700	20	300	N
MB303KN	2,000	<2	N	N	N	20	10	>2,000	2,000	15	100	30
MB304KN	700	<2	N	N	20	20	<10	700	700	30	300	N
MB305KN	10,000	20	2,000	N	20	50	10	500	700	1,000	<50	30
MB306KN	>10,000	<2	100	N	70	30	50	200	500	50	50	100
MB307KN	>10,000	<2	500	N	70	30	20	200	500	300	70	30
MB308KN	150	<2	N	N	<10	20	15	700	500	15	150	N
MB309KN	70	<2	N	N	20	30	15	700	700	N	150	N
MB310KN	1,500	<2	N	N	15	30	15	700	700	30	200	N
MB311KN	700	2	300	N	N	20	10	1,000	700	70	70	N
MB312KN	100	<2	100	N	10	30	<10	700	500	50	70	N
MB313KN	300	N	70	N	15	20	10	1,000	700	15	150	N
MB314KN	50	<2	150	N	N	20	10	200	700	20	<50	N
MB315KN	50	N	N	N	10	50	<10	1,000	700	20	150	N
MB316KN	200	N	N	N	<10	50	<10	700	700	20	200	N
MB317KN	100	N	N	N	N	50	<10	700	1,000	15	300	N
MB318KN	200	<2	N	N	<10	30	10	700	700	10	300	N
MB319KN	100	<2	N	N	10	30	<10	1,500	700	15	300	N
MB321KN	150	2	50	N	150	70	100	700	1,000	10	50	100
MB322KN	70	N	N	N	N	20	<10	2,000	700	20	100	N
MB323KN	50	N	N	N	N	20	<10	2,000	500	15	100	N
MB324KN	70	N	N	N	<10	20	10	2,000	500	20	150	N
MB325KN	200	N	N	N	N	20	N	2,000	500	20	150	N
MB326KN	200	N	N	N	N	30	<10	1,500	500	20	100	N
MB327KN	500	N	N	N	N	20	<10	2,000	500	20	150	N
MB328KN	150	N	N	N	N	20	<10	1,500	500	15	70	N

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
MB214KN	30	N	15	N	200	<200	100	N	200	N	1,500
MB215KN	<20	N	30	20	500	<200	200	N	500	N	>2,000
MB216KN	20	N	30	<20	200	700	200	N	500	N	>2,000
MB217KN	<20	N	20	20	500	200	150	N	300	N	>2,000
MB218KN	50	N	20	N	300	700	150	100	200	N	>2,000
MB219KN	30	N	20	N	300	<200	100	<100	500	N	>2,000
MB220KN	50	N	70	N	500	500	100	N	700	N	>2,000
MB221KN	50	N	30	<20	300	200	150	<100	300	N	>2,000
MB222KN	<20	N	30	20	300	200	200	N	200	N	>2,000
MB223KN	30	N	20	20	300	500	150	<100	200	N	2,000
MB224KN	50	N	20	30	300	500	150	<100	200	N	>2,000
MB225KN	20	N	N	N	<200	N	100	150	70	N	1,500
MB226KN	<20	N	50	20	200	700	200	N	300	N	1,500
MB227KN	20	N	30	20	500	300	150	N	200	N	>2,000
MB228KN	<20	N	50	20	300	1,000	200	N	300	N	>2,000
MB229KN	20	N	30	20	500	700	150	N	300	N	2,000
MB231KN	30	N	70	100	300	700	200	N	500	N	>2,000
MB232KN	500	N	15	50	500	200	150	500	500	N	>2,000
MB301KN	70	N	30	50	200	<200	200	N	700	N	>2,000
MB302KN	50	N	50	50	500	500	200	100	500	N	>2,000
MB303KN	50	N	50	N	300	500	100	N	1,000	N	>2,000
MB304KN	50	N	20	30	300	300	200	100	700	N	>2,000
MB305KN	5,000	N	20	<20	500	<200	100	200	500	N	>2,000
MB306KN	500	N	15	N	500	200	100	<100	150	N	>2,000
MB307KN	500	N	20	N	500	<200	100	200	300	N	>2,000
MB308KN	70	N	30	20	500	2,000	150	N	500	N	>2,000
MB309KN	50	N	30	20	300	2,000	150	N	500	N	>2,000
MB310KN	100	N	50	30	500	3,000	100	N	500	N	>2,000
MB311KN	150	N	50	<20	700	1,000	100	N	500	N	>2,000
MB312KN	<20	N	20	N	700	300	150	N	200	N	>2,000
MB313KN	50	N	50	<20	500	1,500	150	N	500	N	>2,000
MB314KN	70	N	15	N	500	300	100	150	200	N	>2,000
MB315KN	N	N	30	20	500	<200	200	N	300	N	2,000
MB316KN	100	N	15	30	500	500	150	N	500	N	>2,000
MB317KN	300	N	30	30	500	1,000	200	100	500	N	>2,000
MB318KN	70	N	50	50	300	2,000	150	N	500	N	>2,000
MB319KN	30	N	50	50	300	1,000	200	N	500	N	>2,000
MB321KN	200	N	15	N	200	700	100	200	150	N	>2,000
MB322KN	N	N	30	20	500	700	150	150	300	N	>2,000
MB323KN	N	N	30	<20	500	700	200	N	200	N	>2,000
MB324KN	30	N	50	20	500	1,500	200	N	300	N	>2,000
MB325KN	N	N	50	20	300	300	200	N	300	N	>2,000
MB326KN	<20	N	50	20	500	300	150	N	200	N	>2,000
MB327KN	50	N	20	20	500	500	200	N	300	N	2,000
MB328KN	20	N	50	20	300	1,000	150	N	200	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
MB329KN	37 30 2	118 3 48	406,010	4,150,750	15.00	.3	.50	>2.00	N	N	N	<20
MB330KN	37 30 58	118 14 12	390,700	4,152,640	10.00	1.0	.50	>2.00	N	N	N	150
MB331KN	37 30 59	118 14 14	390,650	4,152,690	3.00	.7	2.00	>2.00	N	N	N	150
MB332KN	37 35 45	118 12 1	394,020	4,161,469	2.00	.2	.15	>2.00	N	N	N	50
MB333KN	37 36 39	118 12 8	393,870	4,163,125	7.00	2.0	.50	2.00	N	N	N	100
WM101KN	37 14 6	118 12 43	392,490	4,121,450	5.00	2.0	2.00	>2.00	N	N	N	200
WM102KN	37 14 10	118 12 45	392,430	4,121,550	5.00	2.0	1.00	>2.00	N	N	N	150
WM103KN	37 13 36	118 13 27	391,380	4,120,540	5.00	2.0	1.50	>2.00	N	N	N	150
WM104KN	37 13 38	118 13 32	391,270	4,120,580	5.00	2.0	1.00	>2.00	N	N	N	200
WM105KN	37 13 46	118 14 26	389,950	4,120,870	5.00	2.0	1.50	>2.00	N	N	N	50
WM301KN	37 14 38	118 12 2	393,500	4,122,400	7.00	2.0	1.00	>2.00	N	N	N	300
WM302KN	37 14 18	118 12 2	393,490	4,121,800	7.00	2.0	1.00	>2.00	N	N	N	200
WP001KN	37 44 48	118 15 17	389,440	4,178,270	1.00	1.0	.15	>2.00	N	N	N	70
WP002KN	37 35 55	118 17 25	386,080	4,161,860	.70	10.0	.15	2.00	10.0	N	N	100
WP003KN	37 35 36	118 18 2	385,170	4,161,290	.50	2.0	.20	>2.00	N	N	N	1,500
WP004KN	37 35 39	118 18 0	385,230	4,161,380	1.50	5.0	.20	>2.00	7.0	N	N	100
WP005KN	37 31 18	118 19 15	383,280	4,153,370	10.00	1.5	2.00	>2.00	N	N	N	500
WP006KN	37 32 32	118 18 0	385,140	4,155,630	3.00	1.5	.30	>2.00	N	N	N	100
WP007KN	37 32 24	118 18 2	385,090	4,155,370	7.00	1.0	.50	>2.00	N	N	N	50
WP008KN	37 32 23	118 19 35	382,810	4,155,380	5.00	.5	.30	>2.00	N	N	N	50
WP101KN	37 44 1	118 22 40	378,590	4,176,970	20.00	1.0	3.00	2.00	2.0	N	N	200
WP102KN	37 44 20	118 22 35	378,710	4,177,530	2.00	3.0	1.00	2.00	3.0	2,000	N	500
WP103KN	37 42 35	118 21 50	379,760	4,174,280	7.00	1.0	1.50	>2.00	N	N	N	300
WP104KN	37 41 55	118 22 7	379,330	4,173,080	3.00	.7	.20	>2.00	N	N	N	50
WP105KN	37 40 53	118 22 4	379,380	4,171,140	5.00	.7	.70	>2.00	N	N	N	100
WP106KN	37 43 6	118 22 10	379,290	4,175,250	5.00	5.0	2.00	2.00	N	N	N	100
WP107KN	37 37 47	118 20 59	380,900	4,165,390	3.00	2.0	1.00	1.00	N	N	N	200
WP108KN	37 36 57	118 20 2	382,270	4,163,850	.20	1.0	.15	>2.00	N	N	N	700
WP109KN	37 34 55	118 20 13	381,950	4,160,080	7.00	2.0	.70	>2.00	N	N	N	100
WP110KN	37 34 7	118 20 25	381,630	4,158,620	10.00	.7	.30	>2.00	N	N	N	50
WP111KN	37 34 34	118 18 20	384,700	4,159,390	7.00	.7	.20	>2.00	N	N	N	150
WP112KN	37 34 41	118 18 24	384,610	4,159,610	10.00	.5	.20	>2.00	N	N	N	70
WP113KN	37 37 5	118 20 48	381,150	4,164,090	.30	1.0	.20	>2.00	N	N	N	200
WP201KN	37 40 31	118 20 34	381,570	4,170,430	3.00	7.0	.70	2.00	N	N	N	50
WP202KN	37 40 20	118 20 29	381,700	4,170,100	2.00	1.0	.10	>2.00	N	N	N	150
WP203KN	37 39 43	118 20 15	382,020	4,168,960	3.00	7.0	.20	>2.00	N	N	N	200
WP204KN	37 39 11	118 20 55	381,030	4,167,970	2.00	1.0	.50	>2.00	N	N	N	1,000
WP205KN	37 38 23	118 19 56	382,460	4,166,490	2.00	5.0	.10	>2.00	N	N	N	100
WP206KN	37 33 29	118 20 4	382,130	4,157,430	3.00	2.0	.70	2.00	N	N	N	100
WP207KN	37 33 4	118 20 14	381,870	4,156,670	5.00	2.0	1.00	>2.00	N	N	N	200
WP208KN	37 32 20	118 16 25	387,480	4,155,240	7.00	1.0	.50	>2.00	N	N	N	100
WP209KN	37 32 19	118 16 22	387,540	4,155,180	7.00	.5	.30	>2.00	N	N	N	50
WP301KN	37 30 58	118 15 45	388,420	4,152,690	5.00	1.0	.50	>2.00	15.0	N	N	100
WP302KN	37 30 29	118 17 45	385,460	4,151,830	3.00	1.5	.70	>2.00	N	1,000	N	150
WP303KN	37 30 32	118 17 41	385,570	4,151,910	1.50	2.0	.70	2.00	N	N	N	150

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
MB329KN	150	N	N	N	N	50	<10	1,500	500	20	100	N
MB330KN	300	N	N	N	10	70	<10	500	500	20	200	N
MB331KN	200	<2	N	N	30	100	10	200	500	10	100	N
MB332KN	200	N	N	N	N	30	N	300	200	N	<50	N
MB333KN	100	N	N	N	100	30	20	700	500	N	<50	N
WM101KN	300	<2	N	N	30	500	15	500	500	10	150	70
WM102KN	500	N	N	N	30	300	10	500	500	15	200	50
WM103KN	300	<2	N	N	50	500	15	500	500	15	150	70
WM104KN	200	<2	N	N	100	200	15	500	500	15	200	100
WM105KN	200	<2	N	N	50	500	20	500	700	15	150	100
WM301KN	300	<2	N	N	20	150	10	300	300	15	150	30
WM302KN	3,000	<2	N	N	20	100	15	300	300	15	150	20
WP001KN	>10,000	7	N	N	N	50	15	700	300	10	300	20
WP002KN	>10,000	2	100	<50	200	20	300	300	200	50	100	70
WP003KN	3,000	2	N	N	20	<20	50	150	100	10	200	N
WP004KN	>10,000	2	200	N	150	20	70	300	300	50	200	50
WP005KN	1,000	N	100	N	<10	70	30	300	700	10	100	50
WP006KN	500	<2	N	N	20	50	20	500	500	15	150	N
WP007KN	150	N	N	N	10	30	15	500	500	70	150	N
WP008KN	1,000	N	200	N	N	30	10	500	500	15	70	N
WP101KN	10,000	<2	20	N	<10	70	50	300	700	500	150	30
WP102KN	>10,000	N	50	N	200	20	20	150	500	700	100	100
WP103KN	1,500	<2	150	N	10	100	15	500	500	100	200	20
WP104KN	10,000	<2	100	N	<10	70	<10	500	200	15	300	N
WP105KN	10,000	N	N	N	N	50	15	500	700	15	100	N
WP106KN	700	2	200	N	70	50	50	500	700	70	150	20
WP107KN	700	2	20	N	10	50	10	200	700	<10	70	20
WP108KN	7,000	<2	<20	N	<10	50	10	300	200	15	200	N
WP109KN	1,000	2	N	N	15	30	20	500	500	15	100	N
WP110KN	2,000	N	N	N	20	50	50	500	500	100	50	N
WP111KN	150	N	N	N	15	30	15	700	500	20	100	N
WP112KN	200	N	50	N	10	30	10	300	300	15	50	N
WP113KN	10,000	7	N	N	15	50	10	200	200	10	200	N
WP201KN	10,000	3	N	N	100	20	70	500	700	20	150	50
WP202KN	10,000	5	N	N	20	50	20	700	150	15	300	N
WP203KN	7,000	3	20	N	30	50	150	500	300	10	200	30
WP204KN	700	2	N	N	10	50	20	200	500	10	200	N
WP205KN	10,000	2	<20	N	100	30	20	500	200	15	200	100
WP206KN	500	<2	N	N	20	50	15	500	500	10	100	N
WP207KN	300	<2	N	N	50	50	30	300	700	10	100	20
WP208KN	300	N	N	N	N	50	<10	500	500	20	200	N
WP209KN	150	N	N	N	<10	50	<10	500	300	15	200	N
WP301KN	700	N	30	N	15	50	15	200	500	15	150	N
WP302KN	5,000	2	N	N	30	70	50	500	700	10	150	50
WP303KN	1,000	2	200	N	20	70	100	300	500	N	100	30

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
MB329KN	20	N	20	20	500	200	150	N	200	N	>2,000
MB330KN	100	N	100	50	300	200	200	100	700	N	>2,000
MB331KN	50	N	70	30	200	<200	200	150	500	N	>2,000
MB332KN	20	N	100	N	200	<200	150	N	500	N	>2,000
MB333KN	20	N	70	N	500	700	200	N	500	N	>2,000
WM101KN	50	N	70	20	300	300	200	N	300	N	>2,000
WM102KN	500	N	100	30	<200	500	200	N	700	N	>2,000
WM103KN	100	N	70	30	300	700	200	N	500	<500	>2,000
WM104KN	100	N	70	30	300	500	200	100	500	N	>2,000
WM105KN	70	N	100	30	500	700	200	<100	500	N	>2,000
WM301KN	1,000	N	70	30	300	300	200	N	500	500	>2,000
WM302KN	1,500	N	70	20	500	300	200	100	500	N	>2,000
WP001KN	1,000	<200	70	50	1,000	<200	200	<100	300	N	>2,000
WP002KN	500	N	20	N	1,000	N	150	2,000	100	500	>2,000
WP003KN	70	N	20	N	300	N	150	<100	100	N	>2,000
WP004KN	300	N	50	N	1,000	<200	150	1,000	150	N	>2,000
WP005KN	1,000	N	20	30	500	<200	500	<100	200	N	>2,000
WP006KN	30	N	70	20	700	200	200	N	500	N	>2,000
WP007KN	300	N	70	50	200	200	300	100	300	N	>2,000
WP008KN	500	N	100	20	300	500	200	<100	500	N	>2,000
WP101KN	10,000	N	15	20	500	<200	300	100	200	7,000	>2,000
WP102KN	5,000	N	15	<20	1,500	300	200	2,000	150	N	>2,000
WP103KN	700	N	30	50	200	300	200	700	500	N	>2,000
WP104KN	100	N	100	70	500	500	200	150	500	N	>2,000
WP105KN	300	N	50	50	1,000	300	200	100	500	N	>2,000
WP106KN	100	N	70	N	700	N	300	150	100	N	>2,000
WP107KN	50	N	70	N	1,000	N	200	N	100	N	>2,000
WP108KN	150	<200	50	50	2,000	N	200	100	100	N	>2,000
WP109KN	30	N	70	N	700	300	200	N	200	N	>2,000
WP110KN	1,000	N	70	20	500	<200	200	N	500	N	>2,000
WP111KN	70	N	50	30	300	200	300	200	500	N	>2,000
WP112KN	100	N	50	<20	200	200	150	150	500	N	>2,000
WP113KN	50	<200	50	30	1,000	N	200	<100	200	N	>2,000
WP201KN	150	N	20	N	700	N	150	N	100	N	>2,000
WP202KN	70	N	100	30	500	1,000	200	700	700	N	>2,000
WP203KN	50	N	70	30	500	200	200	200	500	N	>2,000
WP204KN	30	N	50	N	500	N	200	N	100	N	>2,000
WP205KN	150	N	30	<20	700	<200	150	200	300	N	>2,000
WP206KN	<20	N	70	N	700	<200	200	N	200	N	>2,000
WP207KN	30	N	70	N	700	200	200	N	200	N	>2,000
WP208KN	300	N	100	50	200	200	300	N	500	N	>2,000
WP209KN	20	N	100	50	<200	500	300	<100	200	N	>2,000
WP301KN	10,000	N	50	1,000	200	300	200	100	500	N	>2,000
WP302KN	2,000	N	50	N	500	500	200	200	300	N	>2,000
WP303KN	200	N	50	N	500	300	200	<100	200	N	>2,000

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Latitude	Longitude	UTM Easting	UTM Northing	Ca-pct s	Fe-pct s	Mg-pct s	Ti-pct s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s
WP304KN	37 31 14	118 19 15	383,280	4,153,250	10.00	1.0	2.00	2.00	N	N	N	1,000
WP305KN	37 35 48	118 20 10	382,050	4,161,720	1.50	1.5	.50	>2.00	N	N	N	500
WP306KN	37 35 54	118 19 28	383,070	4,161,870	2.00	1.5	.70	.70	N	N	N	200

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
WP304KN	300	<2	150	N	10	100	20	200	700	20	70	30
WP305KN	5,000	2	<20	N	30	20	50	300	200	15	200	N
WP306KN	10,000	<2	N	N	<10	70	10	150	300	<10	<50	20

Table 12. Data for dense-mineral concentrate samples - (continued)

Sample	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
WP304KN	500	N	20	<20	500	<200	300	100	200	N	>2,000
WP305KN	50	N	30	N	500	<200	150	200	150	N	>2,000
WP306KN	500	N	50	N	700	N	150	N	100	N	2,000