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Some Significant Values

ANALYSES OF STREAM-SEDIMENT AND ROCK SAMPLES FROM THE FORTYMILE AREA, EAGLE QUADRANGLE, ALASKA

By

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Introduction

Analytical data for 450 stream-sediment samples and 199 rock samples from the Fortymile area, Eagle quadrangle, east-central Alaska are presented in this report together with a statistical treatment of the data. Most of the samples were collected in 1968 as part of the Heavy Metals Program of the U.S. Geological Survey. A few samples are included which were collected in 1967.

The most comprehensive discussion of the geology of the Fortymile area is a report by J. B. Mertie, Jr. (1937). Few geologic reports or maps have been recently published on this area, but several are in preparation and mapping by the U.S. Geological Survey is continuing. An open-file map (Foster and Keith, 1968) of the Eagle B-1 and C-1 quadrangles includes a small part of the area of this report. Several reports giving results of geochemical reconnaissance done under the auspices of the Division of Mines and Minerals, State of Alaska (Saunders, 1966, 1967; Smith, 1968; and Burand, 1968) can be used to supplement the data presented here.

Procedures and treatment of data

Standard procedures were followed in the collection and preparation of the stream-sediment samples. The samples were generally collected from the active stream channel; where this was not possible, the samples were collected from stream deposits adjacent to the active channel. The samples were dried, sieved, and the minus 80 mesh fractions were analyzed for 30 elements by the six-step semiquantitative spectrographic method and for gold by the atomic absorption method.[1/] The spectrographic analyses were reported in percentage (pct) or parts per million (ppm) to the nearest number in the series 1.0, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc. The precision of a reported value is approximately plus 100 percent or minus 50 percent. Minimum limits of determination for each element are given on page 3. Semiquantitative spectrographic analyses were done by K. J. Curry, Elizabeth Martinez, R. T. Hopkins, and J. C. Hamilton; atomic absorption analyses were done by R. L. Miller, A. L. Meier, W. R. Vaughn, M. S. Rickard, W. L. Campbell, T. A. Roemer, and R. B. Tripp.

[1/] Analyses for 28 elements by semiquantitative analyses and for gold by atomic absorption are given in the tables. Semiquantitative analyses for cadmium and gold are omitted.

Location of the stream-sediment samples is shown on figure 1 and location of the rock samples is shown on figure 2.

The results of the analyses of the stream-sediment and rock samples have been processed by means of a computer program known as GEOSUM and are presented in tables 1 and 2. The GEOSUM program is designed primarily for summarizing and tabulating geochemical data--especially data from semiquantitative spectrographic analyses (commonly referred to as six-step spectrographic analyses) by the laboratories of the U.S. Geological Survey. The computer output consists of: (a) a listing of the analytical data, (b) histograms and cumulative frequency distributions for all elements on which there is sufficient data[1/], (c) and a statistical summary which includes geometric means and geometric deviations.

Results

Examination of the histograms of the various elements for the stream-sediment samples indicates that most of the elements for which sufficient data is available have a roughly log-normal distribution. Lead, calcium, and strontium are examples of this type of distribution. A few elements such as barium, boron, chromium, and copper have a bi-modal type of distribution.

On the basis of these histograms, anomalous values for several elements of possible economic interest are suggested: copper (Cu) 100 or more ppm; lead (Pb) 50 or more ppm; nickel (Ni) 100 or more ppm; chromium (Cr) 200 or more ppm; molybdenum (Mo) 5 or more ppm; and any reported value for gold, silver, zinc, arsenic, tin, and bismuth is considered significant. The selection of these concentrations as anomalous values is subjective and interpretive and for application to any given part of the Fortymile area must be considered with regard to the local geology. It must be emphasized that the sampling was of a reconnaissance nature and the geology of the area is extremely varied. For some areas the background for one or more of these metals may be considerably higher than in other areas. These values can only serve as general guides until enough information becomes available to establish local normal background limits which take into account the local geology.

The rock samples which were analyzed were of many different kinds and included mineralized specimens such as those high in visible sulfides, vein quartz without visible mineralization, rock from sheared and altered zones,

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1/ The frequency tables and histograms for gold have been omitted because the classes used in calculating these tables are those used in the semiquantitative spectrographic method and the gold was analyzed by the quantitative atomic absorption method; also gold was found in only 11 of 448 stream-sediment samples (2 percent). Statistical summaries for antimony and tin are omitted because no values were reported for these elements in the stream-sediment samples and in only a few for rock samples. Statistical summaries for arsenic and tungsten are also omitted because there were too few values and bismuth is omitted for stream-sediment samples because there were no values.

and specimens of representative rock types (to help determine background values). Because of the wide variety of geologic situations from which these rocks came, it is not practicable to set overall upper limits for background values. Also, for the same reasons most of the histograms and other statistical data should be interpreted with caution.

Anomalous areas

The stream-sediment sampling along with rock samples indicated several areas with possible anomalous concentrations of metals, but no strongly anomalous areas were found. The areas with possible anomalous concentrations of metals are discussed in some detail by Foster and Clark (1969). Two of the most interesting areas are the Champion Creek area where there are indications of lead-zinc veins, and the Alder Creek area where silver is detected in 2/3 of the stream-sediment samples but in concentrations below 0.5 ppm. The North Fork and the North Peak areas have unexplained concentrations of several metals and the Hutchinson Creek and Gold Run areas have anomalous values which may be related to Tertiary mineralization. The Joseph area has low concentrations of gold in a number of samples. The stream sediments of the Ketchumstuk and Gold Creeks area, and of the My and Our Creeks area have few anomalous values although some individual samples may suggest places for further sampling. Chromium and nickel concentrations probably indicate the occurrence of ultramafic bodies and may be useful in prospecting for asbestos (Foster, 1969).

Explanation of Table 1 and 2

The results of the analyses of the stream-sediment and rock samples are given in Table 1 and Table 2 as analytical values such as 7.0000 ppm, 10.0000 percent, etc., or as qualified values expressed as a letter. These letter codes are N = not detected, L = less than specified limit of detection, G = greater than value shown, B = no data, H = interference, or T = trace. Note that the right-most zero digits for each analytical value may or may not be significant. The specified limits of detection are as follows:

Specified limits of detection

FE PCT (Iron)	MG PCT (Magnesium)	CA PCT (Calcium)	TI PCT (Titanium)	MN PPM (Manganese)	AG PPM (Silver)
0.05000	0.02000	0.05000	0.00100	10.00000	0.50000
AS PPM (Arsenic)	**AU PPM (Gold)**	**B PPM (Boron)**	**BA PPM (Barium)**	**BE PPM (Beryllium)**	**BI PPM (Bismuth)**
200.00000	0.02000	5.00000	5.00000	1.00000	10.00000
CO PPM (Cobalt)	**CR PPM (Chromium)**	**CU PPM (Copper)**	**LA PPM (Lanthanum)**	**MO PPM (Molybdenum)**	**NB PPM (Niobium)**
3.00000	5.00000	5.00000	20.00000	3.00000	10.00000

Specified limits of detection (Continued)

NI PPM (Nickel)	PB PPM (Lead)	SB PPM (Antimony)	SC PPM (Scandium)	SN PPM (Tin)	SR PPM (Strontium)
2.00000	10.00000	100.00000	5.00000	10.00000	100.00000

V PPM (Vanadium)	W PPM (Tungsten)	Y PPM (Yttrium)	ZN PPM (Zinc)	ZR PPM (Zirconium)
10.00000	50.00000	5.00000	200.00000	10.00000

As has been mentioned, semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1.0, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.12, 0.083, etc. The frequency distributions and histograms are on logarithmic scales and are computed using these brackets as class intervals, for example:

Reported value (ppm)	Limits	
1.0	.83	1.2
1.5	1.2	1.8
2.0	1.8	2.6
3.0	2.6	3.8
5.0	3.8	5.6
7.0	5.6	8.3
10.0	8.3	12.0

The statistics given below the histograms are derived only from data values within the ranges of analytical determination (analytical values), and are, therefore, biased if data values qualified with N, L, G, T, or H codes are present. Statistical estimates that are unbiased in this regard are given at the end of Table 1. The geometric mean is the antilogarithim of the arithmetic mean of the logs of the analyses and an estimate of "central tendency," or a characteristic value, of a frequency distribution that is approximately symmetrical on a log scale, and is therefore useful for characterizing many geochemical distributions. The geometric mean is not an estimate of geochemical abundance and is of no value in estimating reserves or total amounts of elements present. The geometric deviation is the antilogarithim of the standard deviation of the logs of the analyses. See USGS Professional Paper 574-B (Miesch, 1967) for further discussion and USGS Bulletin 1147E, p. 20-23 (Miesch, 1963), for further discussion and explanation of geometric mean and deviation.

In the computations performed to produce the statistical summary at the end of Table 1, all elements are ignored where one or more of the unqualified data values is less than the analytical limit of detection specified on input or where any data values are qualified with the G (greater than) code. Data values qualified with B or H are not used in

the computations. Where none of the data values for an element are qualified the mean and deviation should be the same as those given in the preceding section. Where data are qualified with the codes N, L, or T, the estimates of geometric mean and deviation are based on a method by A. J. Cohen for treating censored distributions. The application of this method to geochemical problems is described in USGS Professional Paper 574-B (Miesch, 1967). The estimates are unbiased in a strict sense only where the data are derived from a lognormal parent population, but experiments have shown that large departures from this requirement may not greatly invalidate the results. Acceptance and use of the estimates, however, is the responsibility of the individual.

On Table 2 (rock samples) the kind of rock in the sample is indicated by a code consisting of one or two letters or a number in two columns to the left of the sample numbers. The explanation of the code follows:

Left-hand column		Right-hand column	
A	Granitic rock	A	Pegmatite, alaskite
B	Felsite or fine-grained felsic rock	B	Quartz monzonite or granodiorite
C	Diorite or quartz diorite	C	Andesite
D	Intermediate fine-grained igneous rock	D	Gabbro
E	Mafic rock	E	Basalt
F	Ultramafic rock	F	Porphyritic
G	Argillite	G	Chlorite
H	Phyllite	H	Mica
I	Schist	I	Biotite
J	Gneiss	J	Sericite- or muscovite-quartz
K	Amphibolite	K	Graphite
L	Greenschist	L	Metamorphosed
M	Greenstone	M	Metamorphosed igneous rock
N	Quartzite	N	Altered
O	Marble	O	Serpentinized
P	Hornfels	P	Silicified
Q	Chert	Q	Limonite-stained
R	Clay	R	Copper-oxide stained
S	Siltstone	S	Visible sulfides
T	Sandstone	T	Calcareous or containing carbonate veinlets
U	Conglomerate	U	Brecciated and(or) sheared
V	Coal	V	Vein
W	Quartz vein		
X	Carbonate vein	X	Dike
Y	Quartz-carbonate rock	Y	Quartz
Z	Gossan		
1	Gouge		
2	Stibnite		
3	Galena		

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TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
1F	3.0000	0.5000	1.5000	0.1500	500.0000	0.0 N	0.0 N	0.0200L	200.0000	700.0000
2F	7.0000	1.5000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
3F	5.0000	1.5000	1.5000	0.1500	1000.0000	0.0 N	0.0 N	0.0200	20.0000	700.0000
4F	5.0000	1.5000	1.5000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
5F	3.0000	1.0000	0.3000	0.3000	700.0000	0.5000	0.0 N	0.0200L	30.0000	700.0000
6F	5.0000	0.7000	1.0000	0.3000	300.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
7F	7.0000	0.7000	1.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
8F	7.0000	1.5000	0.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
9F	3.0000	0.7000	0.3000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
10F	7.0000	0.5000	0.7000	0.3000	3000.0000	0.5000L	0.0 N	0.0200L	20.0000	700.0000
11F	10.0000	1.5000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
12F	7.0000	0.7000	0.5000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
13F	7.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
14F	7.0000	1.5000	1.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
15F	5.0000	1.0000	0.7000	0.7000	500.0000	0.5000L	0.0 N	0.0200L	30.0000	700.0000
16F	7.0000	1.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
17F	5.0000	0.7000	0.2000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
18F	10.0000	1.5000	0.3000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
19F	7.0000	1.5000	0.3000	0.5000	1000.0000	0.0 N	200.0000L	0.0200L	30.0000	700.0000
20F	10.0000	1.5000	0.1500	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
21F	7.0000	1.5000	0.1500	0.5000	1500.0000	0.0 N	200.0000L	0.0200L	30.0000	700.0000
22F	7.0000	2.0000	0.7000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
23F	10.0000	2.0000	1.5000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
24F	5.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
25F	5.0000	1.5000	1.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200	30.0000	700.0000
26F	5.0000	2.0000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
27F	5.0000	2.0000	1.5000	3.0000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
28F	15.0000	3.0000	5.0000	1.0000G	3000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
29F	7.0000	2.0000	2.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
30F	15.0000	3.0000	3.0000	1.0000G	3000.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
31F	7.0000	2.0000	2.0000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
32F	3.0000	1.0000	5.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
33F	15.0000	3.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
34F	10.0000	3.0000	3.0000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
35F	7.0000	3.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
36F	15.0000	5.0000	7.0000	1.0000G	2000.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
37F	5.0000	1.5000	3.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
38F	10.0000	2.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
39F	7.0000	1.5000	5.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
40F	15.0000	7.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
41F	7.0000	3.0000	5.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
42F	7.0000	2.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
43F	15.0000	5.0000	7.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0 N	15.0000	1500.0000
44F	3.0000	1.5000	2.0000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
45F	7.0000	3.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
46F	7.0000	5.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
47F	10.0000	5.0000	1.5000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
48F	7.0000	2.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
49F	5.0000	2.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
50F	3.0000	1.5000	1.0000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CD PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
1F	5.0000	0.0 N	10.0000	15.0000	5.0000L	70.0000	0.0 N	2.0000L	20.0000	30.0000
2F	2.0000	0.0 N	10.0000	70.0000	10.0000	70.0000	0.0 N	2.0000L	70.0000	30.0000
3F	5.0000	0.0 N	15.0000	70.0000	10.0000	100.0000	5.0000L	15.0000	30.0000	30.0000
4F	3.0000	0.0 N	15.0000	100.0000	15.0000	50.0000	5.0000L	15.0000	70.0000	30.0000
5F	1.5000	0.0 N	10.0000	70.0000	15.0000	30.0000	0.0 N	10.0000	30.0000	50.0000
6F	1.5000	0.0 N	5.0000	30.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	20.0000
7F	1.0000	0.0 N	7.0000	50.0000	20.0000	30.0000	0.0 N	10.0000	30.0000	15.0000
8F	1.5000	0.0 N	10.0000	70.0000	50.0000	20.0000	0.0 N	2.0000L	70.0000	30.0000
9F	1.5000	0.0 N	7.0000	7.0000	20.0000	20.0000L	0.0 N	2.0000L	7.0000	15.0000
10F	1.0000	0.0 N	10.0000	30.0000	15.0000	50.0000	5.0000	10.0000	20.0000	20.0000
11F	2.0000	0.0 N	10.0000	150.0000	20.0000	20.0000	0.0 N	2.0000L	100.0000	10.0000
12F	2.0000	0.0 N	10.0000	150.0000	15.0000	20.0000	0.0 N	10.0000	100.0000	15.0000
13F	1.5000	0.0 N	10.0000	150.0000	30.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
14F	1.0000	0.0 N	10.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	30.0000
15F	3.0000	0.0 N	5.0000	70.0000	30.0000	20.0000	0.0 N	10.0000	30.0000	30.0000
16F	2.0000	0.0 N	10.0000	70.0000	15.0000	150.0000	0.0 N	10.0000	50.0000	15.0000
17F	1.0000	0.0 N	15.0000	50.0000	7.0000	30.0000	0.0 N	10.0000	50.0000	15.0000
18F	1.0000	0.0 N	20.0000	100.0000	50.0000	30.0000	0.0 N	10.0000	100.0000	50.0000
19F	2.0000	0.0 N	50.0000	150.0000	50.0000	70.0000	5.0000L	15.0000	100.0000	70.0000
20F	3.0000	0.0 N	20.0000	70.0000	20.0000	50.0000	0.0 N	15.0000	100.0000	30.0000
21F	3.0000	0.0 N	30.0000	70.0000	15.0000	70.0000	5.0000L	20.0000	100.0000	30.0000
22F	1.0000	0.0 N	15.0000	70.0000	50.0000	30.0000	0.0 N	10.0000	100.0000	15.0000
23F	2.0000	0.0 N	15.0000	70.0000	20.0000	50.0000	0.0 N	10.0000	70.0000	50.0000
24F	1.0000	0.0 N	15.0000	100.0000	20.0000	50.0000	0.0 N	10.0000	70.0000	10.0000
25F	1.0000	0.0 N	15.0000	150.0000	15.0000	100.0000	0.0 N	15.0000	70.0000	20.0000
26F	1.5000	0.0 N	15.0000	100.0000	30.0000	70.0000	0.0 N	15.0000	70.0000	50.0000
27F	1.0000	0.0 N	15.0000	150.0000	30.0000	50.0000	5.0000L	10.0000	100.0000	30.0000
28F	1.0000L	0.0 N	10.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	30.0000	20.0000
29F	1.0000	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
30F	1.0000L	0.0 N	30.0000	300.0000	70.0000	30.0000	0.0 N	2.0000L	150.0000	15.0000
31F	1.5000	0.0 N	10.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	70.0000
32F	1.5000	0.0 N	5.0000L	15.0000	20.0000	20.0000L	0.0 N	2.0000L	15.0000	30.0000
33F	1.0000L	0.0 N	15.0000	150.0000	70.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
34F	1.0000	0.0 N	15.0000	100.0000	50.0000	20.0000L	0.0 N	2.0000L	100.0000	70.0000
35F	1.5000	0.0 N	20.0000	150.0000	20.0000	30.0000	0.0 N	15.0000	100.0000	70.0000
36F	1.0000L	0.0 N	15.0000	200.0000	70.0000	300.0000	0.0 N	10.0000	70.0000	70.0000
37F	1.5000	0.0 N	5.0000	30.0000	30.0000	70.0000	0.0 N	2.0000L	7.0000	100.0000
38F	1.0000L	0.0 N	5.0000	100.0000	50.0000	700.0000	0.0 N	2.0000L	30.0000	15.0000
39F	1.0000L	0.0 N	5.0000L	15.0000	15.0000	50.0000	0.0 N	2.0000L	5.0000L	70.0000
40F	1.0000L	0.0 N	15.0000	70.0000	70.0000	30.0000	0.0 N	10.0000	50.0000	70.0000
41F	1.0000L	0.0 N	5.0000L	70.0000	7.0000	50.0000	0.0 N	2.0000L	70.0000	20.0000
42F	1.5000	0.0 N	10.0000	70.0000	30.0000	20.0000L	0.0 N	10.0000	50.0000	20.0000
43F	1.0000	0.0 N	15.0000	200.0000	70.0000	20.0000	0.0 N	2.0000L	100.0000	50.0000
44F	1.0000L	0.0 N	10.0000	100.0000	30.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
45F	1.0000	0.0 N	15.0000	150.0000	30.0000	20.0000	0.0 N	15.0000	70.0000	30.0000
46F	1.0000L	0.0 N	10.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	100.0000	10.0000
47F	1.0000L	0.0 N	10.0000	300.0000	15.0000	20.0000	0.0 N	10.0000	100.0000	20.0000
48F	1.0000	0.0 N	30.0000	300.0000	50.0000	20.0000	0.0 N	10.0000	100.0000	15.0000
49F	1.5000	0.0 N	20.0000	300.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	20.0000
50F	1.5000	0.0 N	10.0000	70.0000	30.0000	30.0000	0.0 N	15.0000	50.0000	20.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SEO SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
1F	0.0 N	5.0000	0.0 N	300.0000	30.0000	0.0 N	15.0000	0.0 N	300.0000
2F	0.0 N	15.0000	0.0 N	200.0000	100.0000	0.0 N	30.0000	200.0000L	300.0000
3F	0.0 N	20.0000	0.0 N	300.0000	100.0000	0.0 N	30.0000	200.0000L	200.0000
4F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	200.0000L	200.0000
5F	0.0 N	10.0000	0.0 N	50.0000L	150.0000	0.0 N	20.0000	0.0 N	150.0000
6F	0.0 N	7.0000	0.0 N	150.0000	100.0000	50.0000L	15.0000	0.0 N	150.0000
7F	0.0 N	5.0000	0.0 N	100.0000	100.0000	0.0 N	15.0000	0.0 N	700.0000
8F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	15.0000	0.0 N	700.0000
9F	0.0 N	5.0000	0.0 N	100.0000	30.0000	0.0 N	10.0000	0.0 N	100.0000
10F	0.0 N	10.0000	0.0 N	100.0000	100.0000	0.0 N	30.0000	0.0 N	150.0000
11F	0.0 N	15.0000	0.0 N	100.0000	200.0000	0.0 N	20.0000	0.0 N	700.0000
12F	0.0 N	15.0000	0.0 N	50.0000L	200.0000	0.0 N	30.0000	0.0 N	700.0000
13F	0.0 N	15.0000	0.0 N	100.0000	200.0000	0.0 N	15.0000	0.0 N	300.0000
14F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	20.0000	0.0 N	300.0000
15F	0.0 N	7.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
16F	0.0 N	7.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	1000.0000
17F	0.0 N	7.0000	0.0 N	50.0000L	150.0000	50.0000L	15.0000	0.0 N	300.0000
18F	0.0 N	20.0000	0.0 N	50.0000L	150.0000	0.0 N	30.0000	0.0 N	700.0000
19F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	30.0000	200.0000L	150.0000
20F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	30.0000	200.0000L	500.0000
21F	0.0 N	15.0000	0.0 N	50.0000L	100.0000	50.0000L	30.0000	200.0000L	150.0000
22F	100.0000L	15.0000	0.0 N	50.0000L	150.0000	0.0 N	30.0000	0.0 N	1000.0000
23F	0.0 N	15.0000	0.0 N	150.0000	150.0000	50.0000L	30.0000	0.0 N	200.0000
24F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
25F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	200.0000L	150.0000
26F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
27F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
28F	0.0 N	15.0000	0.0 N	100.0000	700.0000	0.0 N	20.0000	0.0 N	1000.0000G
29F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	500.0000
30F	0.0 N	20.0000	0.0 N	100.0000	700.0000	0.0 N	30.0000	0.0 N	700.0000
31F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	50.0000	0.0 N	700.0000
32F	0.0 N	7.0000	0.0 N	300.0000	30.0000	0.0 N	30.0000	0.0 N	150.0000
33F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	20.0000	0.0 N	500.0000
34F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
35F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
36F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	70.0000	0.0 N	1000.0000G
37F	0.0 N	10.0000	0.0 N	200.0000	70.0000	0.0 N	30.0000	0.0 N	200.0000
38F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	70.0000	0.0 N	700.0000
39F	0.0 N	10.0000	0.0 N	200.0000	30.0000	0.0 N	30.0000	0.0 N	150.0000
40F	0.0 N	30.0000	0.0 N	300.0000	700.0000	0.0 N	50.0000	0.0 N	300.0000
41F	0.0 N	7.0000	0.0 N	200.0000	70.0000	0.0 N	15.0000	0.0 N	150.0000
42F	0.0 N	15.0000	0.0 N	200.0000	150.0000	70.0000	20.0000	0.0 N	300.0000
43F	0.0 N	15.0000	0.0 N	300.0000	500.0000	0.0 N	15.0000	0.0 N	500.0000
44F	0.0 N	15.0000	0.0 N	150.0000	200.0000	0.0 N	15.0000	0.0 N	200.0000
45F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	150.0000
46F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	20.0000	0.0 N	700.0000
47F	0.0 N	15.0000	0.0 N	50.0000L	200.0000	0.0 N	50.0000	0.0 N	1000.0000
48F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
49F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	50.0000	0.0 N	300.0000
50F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
51F	7.0000	1.5000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
52F	5.0000	1.5000	1.5000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
53F	7.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
54F	7.0000	3.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
55F	7.0000	3.0000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
56F	10.0000	3.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
57F	10.0000	3.0000	1.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
58F	5.0000	1.5000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	10.0000	1500.0000
59F	20.0000	7.0000	7.0000	1.0000G	3000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
60F	15.0000	5.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
61F	20.0000G	7.0000	7.0000	1.0000G	5000.0000G	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
62F	7.0000	3.0000	3.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
63F	10.0000	1.5000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0400L	15.0000	1500.0000
64F	10.0000	2.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
65F	5.0000	1.5000	3.0000	0.2000	700.0000	0.0 N	0.0 N	0.0400L	15.0000	1500.0000
66F	5.0000	1.5000	3.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0400L	20.0000	1500.0000
67F	5.0000	1.5000	3.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
68F	7.0000	1.5000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
69F	10.0000	2.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
70F	5.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
71F	5.0000	1.5000	5.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
72F	7.0000	3.0000	5.0000	0.7000	1500.0000	0.5000L	0.0 N	0.0200L	50.0000	1500.0000
73F	5.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
74F	7.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 [illegible]	[illegible]	30.0000	1000.0000
75F	3.0000	1.0000	1.5000	0.5000	500.0000	0.5000	0.0 N	0.0200L	30.0000	1000.0000
76F	5.0000	1.5000	3.0000	1.0000	700.0000	0.0 B	0.0 N	0.0200L	30.0000	1500.0000
77F	7.0000	1.5000	2.0000	0.7000	700.0000	0.5000L	0.0 N	0.0200L	30.0000	1000.0000
78F	7.0000	2.0000	3.0000	0.7000	700.0000	0.5000L	0.0 N	0.0200L	30.0000	1000.0000
79F	7.0000	7.0000	3.0000	0.7000	1500.0000	0.5000	0.0 N	0.0200L	30.0000	1500.0000
80F	7.0000	2.0000	2.0000	1.0000	1000.0000	0.5000L	0.0 N	0.0200L	50.0000	1000.0000
81F	7.0000	3.0000	3.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	30.0000	1000.0000
82F	5.0000	1.5000	1.5000	1.0000	500.0000	0.5000L	0.0 N	0.0200L	70.0000	1000.0000
83F	7.0000	1.5000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
84F	10.0000	2.0000	3.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
85F	15.0000	5.0000	5.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
86F	20.0000	2.0000	5.0000	1.0000	5000.0000G	0.5000L	0.0 N	0.0200L	30.0000	2000.0000
87F	15.0000	3.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
88F	10.0000	2.0000	1.5000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
89F	15.0000	5.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
90F	15.0000	3.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
91F	15.0000	7.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
92F	15.0000	3.0000	5.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
93F	10.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
94F	5.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
95F	3.0000	1.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
96F	10.0000	1.5000	2.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
97F	10.0000	1.5000	3.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
98F	15.0000	2.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
99F	7.0000	3.0000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
100F	10.0000	1.5000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
51F	1.5000	0.0 N	15.0000	150.0000	50.0000	30.0000	0.0 N	10.0000	70.0000	20.0000
52F	1.0000	0.0 N	20.0000	150.0000	50.0000	30.0000	0.0 N	10.0000	70.0000	20.0000
53F	1.5000	0.0 N	15.0000	150.0000	70.0000	20.0000	0.0 N	10.0000	70.0000	100.0000
54F	1.0000	0.0 N	10.0000	100.0000	15.0000	30.0000	0.0 N	10.0000	50.0000	70.0000
55F	1.5000	0.0 N	15.0000	100.0000	50.0000	30.0000	0.0 N	20.0000	50.0000	70.0000
56F	1.0000L	0.0 N	10.0000	70.0000	70.0000	20.0000L	0.0 N	15.0000	50.0000	50.0000
57F	1.0000L	0.0 N	10.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	30.0000
58F	1.0000	0.0 N	5.0000	20.0000	15.0000	20.0000L	0.0 N	10.0000	10.0000	30.0000
59F	1.0000L	0.0 N	70.0000	500.0000	70.0000	30.0000	0.0 N	20.0000	200.0000	15.0000
60F	1.0000L	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	15.0000	70.0000	70.0000
61F	1.0000L	0.0 N	70.0000	700.0000	100.0000	30.0000	0.0 N	20.0000	200.0000	30.0000
62F	1.5000	0.0 N	5.0000	20.0000	15.0000	20.0000	0.0 N	10.0000	15.0000	70.0000
63F	1.5000	0.0 N	10.0000	30.0000	20.0000	20.0000	0.0 N	2.0000L	30.0000	70.0000
64F	1.5000	0.0 N	15.0000	70.0000	15.0000	700.0000	0.0 N	10.0000	20.0000	70.0000
65F	1.5000	0.0 N	5.0000L	15.0000	10.0000	20.0000L	0.0 N	2.0000L	10.0000	70.0000
66F	1.5000	0.0 N	10.0000	30.0000	10.0000	30.0000	0.0 N	10.0000	20.0000	70.0000
67F	1.5000	0.0 N	10.0000	30.0000	7.0000	20.0000L	0.0 N	2.0000L	20.0000	50.0000
68F	1.5000	0.0 N	15.0000	100.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
69F	1.0000	0.0 N	15.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	20.0000
70F	1.5000	0.0 N	15.0000	150.0000	15.0000	30.0000	5.0000L	10.0000	70.0000	30.0000
71F	2.0000	0.0 N	10.0000	50.0000	50.0000	50.0000	0.0 N	10.0000	30.0000	70.0000
72F	2.0000	0.0 N	20.0000	150.0000	30.0000	30.0000	5.0000L	15.0000	70.0000	50.0000
73F	1.5000	0.0 N	15.0000	100.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	50.0000
74F	1.5000	0.0 N	10.0000	100.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	70.0000
75F	1.5000	0.0 N	10.0000	70.0000	20.0000	20.0000	0.0 N	10.0000	30.0000	30.0000
76F	1.5000	0.0 N	15.0000	70.0000	30.0000	20.0000	0.0 N	10.0000	50.0000	50.0000
77F	1.5000	0.0 N	15.0000	70.0000	70.0000	150.0000	0.0 N	10.0000	50.0000	100.0000
78F	1.0000	0.0 N	15.0000	100.0000	50.0000	30.0000	0.0 N	15.0000	50.0000	50.0000
79F	1.0000	0.0 N	15.0000	70.0000	30.0000	70.0000	0.0 N	15.0000	70.0000	100.0000
80F	1.5000	0.0 N	20.0000	150.0000	70.0000	30.0000	0.0 N	15.0000	70.0000	50.0000
81F	1.5000	0.0 N	30.0000	150.0000	50.0000	100.0000	0.0 N	20.0000	70.0000	70.0000
82F	1.5000	0.0 N	15.0000	70.0000	50.0000	30.0000	0.0 N	15.0000	70.0000	50.0000
83F	1.0000L	0.0 N	10.0000	70.0000	50.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
84F	1.0000L	0.0 N	10.0000	150.0000	70.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
85F	1.0000L	0.0 N	15.0000	150.0000	70.0000	150.0000	0.0 N	2.0000L	70.0000	15.0000
86F	1.0000L	0.0 N	70.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	10.0000
87F	1.0000L	0.0 N	10.0000	70.0000	70.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
88F	1.0000L	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	20.0000	70.0000	10.0000
89F	1.0000L	0.0 N	15.0000	70.0000	70.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
90F	1.0000	0.0 N	15.0000	100.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
91F	1.0000L	0.0 N	20.0000	150.0000	100.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
92F	1.0000L	0.0 N	15.0000	30.0000	30.0000	20.0000L	0.0 N	2.0000L	20.0000	15.0000
93F	1.0000L	0.0 N	10.0000	70.0000	15.0000	20.0000L	0.0 N	2.0000L	20.0000	30.0000
94F	1.0000L	0.0 N	7.0000	30.0000	20.0000	30.0000	0.0 N	2.0000L	20.0000	50.0000
95F	1.0000	0.0 N	10.0000	70.0000	30.0000	30.0000	7.0000	10.0000	30.0000	20.0000
96F	1.0000L	0.0 N	15.0000	100.0000	70.0000	20.0000	0.0 N	10.0000	50.0000	20.0000
97F	1.0000L	0.0 N	15.0000	15.0000	30.0000	20.0000L	0.0 N	2.0000L	20.0000	20.0000
98F	1.0000L	0.0 N	15.0000	100.0000	30.0000	20.0000	0.0 N	2.0000L	20.0000	20.0000
99F	1.0000L	0.0 N	20.0000	300.0000	50.0000	30.0000	0.0 N	10.0000	100.0000	15.0000
100F	1.0000L	0.0 N	10.0000	70.0000	50.0000	20.0000	0.0 N	2.0000L	20.0000	70.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM		SC PPM	SN PPM		SR PPM	V PPM	W PPM		Y PPM	ZN PPM		ZR PPM
51F	0.0	N	30.0000	0.0	N	150.0000	150.0000	0.0	N	30.0000	0.0	N	150.0000
52F	0.0	N	20.0000	0.0	N	150.0000	150.0000	0.0	N	30.0000	0.0	N	150.0000
53F	0.0	N	20.0000	0.0	N	150.0000	300.0000	0.0	N	30.0000	0.0	N	300.0000
54F	0.0	N	15.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	0.0	N	200.0000
55F	0.0	N	20.0000	0.0	N	150.0000	200.0000	0.0	N	20.0000	0.0	N	500.0000
56F	0.0	N	15.0000	0.0	N	100.0000	150.0000	0.0	N	15.0000	0.0	N	500.0000
57F	0.0	N	15.0000	0.0	N	50.0000L	200.0000	0.0	N	10.0000	0.0	N	700.0000
58F	0.0	N	15.0000	0.0	N	200.0000	100.0000	0.0	N	15.0000	0.0	N	70.0000
59F	0.0	N	20.0000	0.0	N	200.0000	700.0000	0.0	N	10.0000	0.0	N	1000.0000
60F	0.0	N	20.0000	0.0	N	150.0000	700.0000	0.0	N	15.0000	0.0	N	1000.0000G
61F	0.0	N	20.0000	0.0	N	100.0000	1000.0000	0.0	N	20.0000	0.0	N	1000.0000
62F	0.0	N	15.0000	0.0	N	300.0000	100.0000	0.0	N	15.0000	0.0	N	150.0000
63F	0.0	N	15.0000	0.0	N	300.0000	100.0000	0.0	N	30.0000	0.0	N	150.0000
64F	0.0	N	30.0000	0.0	N	300.0000	150.0000	0.0	N	70.0000	0.0	N	700.0000
65F	0.0	N	7.0000	0.0	N	300.0000	50.0000	0.0	N	15.0000	0.0	N	100.0000
66F	0.0	N	10.0000	0.0	N	300.0000	100.0000	0.0	N	30.0000	200.0000L		100.0000
67F	0.0	N	15.0000	0.0	N	300.0000	70.0000	0.0	N	15.0000	0.0	N	300.0000
68F	0.0	N	30.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	200.0000L		500.0000
69F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	50.0000	0.0	N	300.0000
70F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	0.0	N	200.0000
71F	0.0	N	15.0000	0.0	N	500.0000	100.0000	0.0	N	70.0000	200.0000L		500.0000
72F	0.0	N	15.0000	0.0	N	500.0000	150.0000	0.0	N	30.0000	200.0000L		300.0000
73F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	0.0	N	300.0000
74F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	0.0	N	300.0000
75F	0.0	N	15.0000	0.0	N	200.0000	150.0000	0.0	N	30.0000	0.0	N	150.0000
76F	0.0	N	20.0000	0.0	N	200.0000	150.0000	0.0	N	30.0000	0.0	N	150.0000
77F	0.0	N	20.0000	0.0	N	300.0000	100.0000	0.0	N	50.0000	0.0	N	300.0000
78F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	0.0	N	200.0000
79F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	30.0000	0.0	N	300.0000
80F	0.0	N	30.0000	0.0	N	200.0000	150.0000	0.0	N	30.0000	200.0000L		200.0000
81F	0.0	N	30.0000	0.0	N	300.0000	150.0000	0.0	N	50.0000	0.0	N	200.0000
82F	0.0	N	20.0000	0.0	N	100.0000	150.0000	0.0	N	30.0000	0.0	N	500.0000
83F	0.0	N	20.0000	0.0	N	200.0000	300.0000	0.0	N	30.0000	0.0	N	300.0000
84F	0.0	N	15.0000	0.0	N	100.0000	300.0000	0.0	N	15.0000	0.0	N	300.0000
85F	0.0	N	30.0000	0.0	N	200.0000	300.0000	0.0	N	15.0000	0.0	N	500.0000
86F	0.0	N	30.0000	0.0	N	100.0000	300.0000	0.0	N	30.0000	0.0	N	500.0000
87F	0.0	N	30.0000	0.0	N	300.0000	200.0000	0.0	N	20.0000	0.0	N	1000.0000G
88F	0.0	N	20.0000	0.0	N	50.0000L	200.0000	0.0	N	30.0000	0.0	N	1000.0000
89F	0.0	N	30.0000	0.0	N	200.0000	300.0000	0.0	N	30.0000	0.0	N	200.0000
90F	0.0	N	15.0000	0.0	N	100.0000	200.0000	0.0	N	20.0000	0.0	N	500.0000
91F	0.0	N	30.0000	0.0	N	300.0000	500.0000	0.0	N	30.0000	0.0	N	700.0000
92F	0.0	N	20.0000	0.0	N	200.0000	300.0000	0.0	N	20.0000	0.0	N	200.0000
93F	0.0	N	20.0000	0.0	N	300.0000	200.0000	0.0	N	30.0000	0.0	N	150.0000
94F	0.0	N	15.0000	0.0	N	200.0000	150.0000	0.0	N	30.0000	0.0	N	100.0000
95F	0.0	N	15.0000	0.0	N	200.0000	150.0000	0.0	N	50.0000	0.0	N	300.0000
96F	0.0	N	30.0000	0.0	N	150.0000	300.0000	0.0	N	30.0000	0.0	N	500.0000
97F	0.0	N	20.0000	0.0	N	300.0000	150.0000	0.0	N	20.0000	0.0	N	70.0000
98F	0.0	N	20.0000	0.0	N	300.0000	300.0000	0.0	N	30.0000	0.0	N	700.0000
99F	0.0	N	30.0000	0.0	N	200.0000	300.0000	0.0	N	30.0000	0.0	N	300.0000
100F	0.0	N	15.0000	0.0	N	150.0000	200.0000	0.0	N	20.0000	0.0	N	500.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
101F	10.0000	2.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
102F	15.0000	2.0000	1.5000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
103F	10.0000	3.0000	2.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
104F	15.0000	5.0000	2.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	150.0000	3000.0000
105F	15.0000	3.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
106F	7.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
107F	7.0000	1.0000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
108F	7.0000	1.5000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
109F	7.0000	1.5000	1.5000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
110F	3.0000	1.0000	1.5000	0.5000	300.0000	0.7000	0.0 N	0.0200L	30.0000	700.0000
111F	5.0000	1.5000	1.5000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
112F	5.0000	1.5000	1.5000	0.5000	500.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
113F	10.0000	1.5000	1.5000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
114F	7.0000	2.0000	2.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	200.0000	1500.0000
115F	15.0000	3.0000	1.5000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	200.0000	1500.0000
116F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
117F	15.0000	2.0000	1.5000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000
118F	7.0000	1.5000	1.5000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
119F	5.0000	1.5000	1.5000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000
120F	10.0000	1.5000	1.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
121F	15.0000	3.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
122F	15.0000	2.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
123F	15.0000	3.0000	3.0000	1.0000G	2000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
124F	5.0000	3.0000	7.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
125F	15.0000	3.0000	2.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
126F	15.0000	2.0000	3.0000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000
127F	15.0000	3.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	200.0000	1500.0000
128F	10.0000	3.0000	3.0000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
129F	10.0000	1.5000	3.0000	0.3000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	1500.0000
130F	10.0000	2.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
131F	7.0000	2.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
132F	3.0000	1.5000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000
133F	10.0000	1.5000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
134F	10.0000	3.0000	2.0000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
135F	15.0000	3.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	100.0000	2000.0000
136F	15.0000	2.0000	2.0000	1.0000	3000.0000	0.0 N	0.0 N	0.0200L	150.0000	700.0000
137F	7.0000	2.0000	2.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	100.0000	700.0000
138F	7.0000	3.0000	2.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	100.0000	2000.0000
139F	10.0000	3.0000	1.5000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	100.0000	1000.0000
140F	5.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	150.0000	1000.0000
141F	7.0000	3.0000	2.0000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
142F	7.0000	3.0000	2.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
143F	3.0000	2.0000	1.5000	1.0000	500.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
144F	5.0000	1.5000	1.5000	1.0000	500.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
145F	7.0000	3.0000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
146F	5.0000	3.0000	1.5000	1.0000	500.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
147F	7.0000	3.0000	2.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
148F	7.0000	1.5000	1.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
149F	7.0000	3.0000	2.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
150F	7.0000	3.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CD PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
101F	1.0000	0.0 N	15.0000	70.0000	70.0000	30.0000	0.0 N	10.0000	50.0000	100.0000
102F	1.0000L	0.0 N	15.0000	150.0000	70.0000	50.0000	0.0 N	10.0000	70.0000	30.0000
103F	1.5000	0.0 N	15.0000	300.0000	50.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
104F	1.0000	0.0 N	50.0000	700.0000	70.0000	30.0000	0.0 N	2.0000L	150.0000	15.0000
105F	1.0000	0.0 N	15.0000	150.0000	20.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
106F	1.0000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	10.0000	50.0000	70.0000
107F	1.0000	0.0 N	10.0000	15.0000	15.0000	30.0000	0.0 N	2.0000L	10.0000	30.0000
108F	1.0000L	0.0 N	7.0000	30.0000	20.0000	20.0000L	0.0 N	2.0000L	20.0000	70.0000
109F	1.0000L	0.0 N	7.0000	15.0000	15.0000	20.0000	0.0 N	10.0000	5.0000	30.0000
110F	1.5000	0.0 N	10.0000	50.0000	15.0000	30.0000	0.0 N	10.0000	20.0000	150.0000
111F	1.0000L	0.0 N	10.0000	30.0000	50.0000	20.0000	5.0000L	2.0000L	20.0000	70.0000
112F	1.0000L	0.0 N	10.0000	50.0000	15.0000	30.0000	0.0 N	10.0000	20.0000	30.0000
113F	1.5000	0.0 N	20.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	70.0000
114F	1.0000L	0.0 N	10.0000	100.0000	150.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
115F	1.5000	0.0 N	20.0000	200.0000	70.0000	100.0000	0.0 N	15.0000	100.0000	15.0000
116F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
117F	1.5000	0.0 N	30.0000	100.0000	70.0000	30.0000	0.0 N	20.0000	70.0000	15.0000
118F	1.5000	0.0 N	30.0000	150.0000	50.0000	70.0000	0.0 N	10.0000	70.0000	15.0000
119F	1.0000	0.0 N	10.0000	70.0000	70.0000	20.0000	0.0 N	10.0000	50.0000	20.0000
120F	1.5000	0.0 N	20.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
121F	1.0000L	0.0 N	50.0000	300.0000	70.0000	30.0000	0.0 N	2.0000L	100.0000	15.0000
122F	1.0000	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	2.0000L	70.0000	150.0000
123F	1.0000	0.0 N	30.0000	200.0000	70.0000	30.0000	0.0 N	10.0000	100.0000	15.0000
124F	1.0000L	0.0 N	20.0000	70.0000	50.0000	30.0000	0.0 N	15.0000	30.0000	10.0000
125F	1.0000L	0.0 N	15.0000	100.0000	70.0000	20.0000	0.0 N	10.0000	70.0000	70.0000
126F	1.0000	0.0 N	20.0000	150.0000	70.0000	30.0000	0.0 N	15.0000	70.0000	10.0000
127F	1.0000L	0.0 N	20.0000	300.0000	70.0000	30.0000	0.0 N	15.0000	70.0000	15.0000
128F	1.0000L	0.0 N	10.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	50.0000	50.0000
129F	1.0000	0.0 N	10.0000	20.0000	50.0000	20.0000L	0.0 N	10.0000	10.0000	15.0000
130F	1.0000	0.0 N	10.0000	70.0000	30.0000	30.0000	0.0 N	15.0000	50.0000	70.0000
131F	1.5000	0.0 N	50.0000	2000.0000	70.0000	150.0000	0.0 N	20.0000	100.0000	100.0000
132F	1.5000	0.0 N	15.0000	100.0000	30.0000	30.0000	0.0 N	15.0000	70.0000	70.0000
133F	1.0000	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	15.0000	50.0000	150.0000
134F	1.0000L	0.0 N	20.0000	300.0000	50.0000	70.0000	0.0 N	15.0000	70.0000	15.0000
135F	1.0000L	0.0 N	30.0000	700.0000	50.0000	20.0000	0.0 N	15.0000	150.0000	15.0000
136F	1.5000	0.0 N	30.0000	150.0000	50.0000	20.0000	0.0 N	15.0000	70.0000	15.0000
137F	1.0000L	0.0 N	15.0000	200.0000	30.0000	50.0000	0.0 N	10.0000	70.0000	15.0000
138F	1.0000L	0.0 N	50.0000	300.0000	50.0000	50.0000	0.0 N	10.0000	150.0000	15.0000
139F	3.0000	0.0 N	15.0000	150.0000	30.0000	30.0000	0.0 N	15.0000	70.0000	30.0000
140F	1.0000	0.0 N	50.0000	200.0000	70.0000	70.0000	0.0 N	15.0000	100.0000	100.0000
141F	1.0000	0.0 N	30.0000	300.0000	50.0000	30.0000	0.0 N	15.0000	150.0000	70.0000
142F	1.5000	0.0 N	15.0000	300.0000	50.0000	30.0000	0.0 N	10.0000	150.0000	20.0000
143F	1.5000	0.0 N	20.0000	300.0000	30.0000	30.0000	0.0 N	10.0000	100.0000	20.0000
144F	1.0000	0.0 N	15.0000	100.0000	10.0000	30.0000	0.0 N	10.0000	150.0000	10.0000
145F	1.0000L	0.0 N	20.0000	500.0000	70.0000	20.0000	0.0 N	10.0000	150.0000	20.0000
146F	1.0000L	0.0 N	20.0000	150.0000	20.0000	20.0000L	0.0 N	10.0000	150.0000	10.0000
147F	1.0000L	0.0 N	30.0000	300.0000	70.0000	20.0000	0.0 N	2.0000L	150.0000	50.0000
148F	1.5000	0.0 N	15.0000	150.0000	70.0000	50.0000	0.0 N	15.0000	70.0000	50.0000
149F	1.0000	0.0 N	20.0000	200.0000	30.0000	20.0000	0.0 N	15.0000	150.0000	15.0000
150F	1.0000L	0.0 N	30.0000	300.0000	70.0000	20.0000	0.0 N	15.0000	150.0000	50.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE *

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
101F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
102F	0.0 N	30.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	0.0 N	700.0000
103F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	0.0 N	300.0000
104F	0.0 N	30.0000	0.0 N	100.0000	700.0000	0.0 N	50.0000	200.0000L	300.0000
105F	0.0 N	20.0000	0.0 N	200.0000	1500.0000	0.0 N	50.0000	200.0000L	150.0000
106F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	200.0000L	200.0000
107F	0.0 N	10.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
108F	0.0 N	10.0000	0.0 N	200.0000	150.0000	0.0 N	15.0000	0.0 N	500.0000
109F	0.0 N	7.0000	0.0 N	100.0000	200.0000	0.0 N	15.0000	0.0 N	150.0000
110F	0.0 N	10.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	300.0000	150.0000
111F	0.0 N	10.0000	0.0 N	150.0000	150.0000	0.0 N	15.0000	200.0000L	150.0000
112F	0.0 N	10.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	0.0 N	150.0000
113F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
114F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	20.0000	0.0 N	500.0000
115F	0.0 N	30.0000	0.0 N	100.0000	500.0000	0.0 N	70.0000	0.0 N	1000.0000G
116F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
117F	0.0 N	20.0000	0.0 N	50.0000L	200.0000	0.0 N	30.0000	0.0 N	1000.0000
118F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
119F	0.0 N	10.0000	0.0 N	50.0000L	150.0000	0.0 N	20.0000	0.0 N	300.0000
120F	0.0 N	15.0000	0.0 N	50.0000L	200.0000	0.0 N	30.0000	0.0 N	300.0000
121F	0.0 N	20.0000	0.0 N	50.0000L	300.0000	0.0 N	30.0000	0.0 N	700.0000
122F	0.0 N	15.0000	0.0 N	100.0000	200.0000	0.0 N	15.0000	0.0 N	700.0000
123F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	0.0 N	700.0000
124F	0.0 N	30.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
125F	0.0 N	20.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	700.0000
126F	0.0 N	30.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	0.0 N	1000.0000G
127F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	50.0000	0.0 N	1000.0000G
128F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	30.0000	0.0 N	700.0000
129F	0.0 N	15.0000	0.0 N	300.0000	100.0000	0.0 N	20.0000	0.0 N	300.0000
130F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
131F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	70.0000	0.0 N	300.0000
132F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
133F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	1000.0000
134F	0.0 N	30.0000	0.0 N	200.0000	300.0000	0.0 N	20.0000	0.0 N	1000.0000
135F	0.0 N	30.0000	0.0 N	100.0000	300.0000	0.0 N	20.0000	0.0 N	700.0000
136F	0.0 N	30.0000	0.0 N	100.0000	150.0000	0.0 N	70.0000	0.0 N	1000.0000
137F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	0.0 N	1000.0000
138F	0.0 N	30.0000	0.0 N	150.0000	300.0000	0.0 N	30.0000	0.0 N	500.0000
139F	0.0 N	20.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	200.0000L	500.0000
140F	0.0 N	40.0000	0.0 N	100.0000	200.0000	0.0 N	50.0000	0.0 N	700.0000
141F	0.0 N	20.0000	0.0 N	150.0000	300.0000	0.0 N	50.0000	200.0000L	500.0000
142F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	150.0000	0.0 N	500.0000
143F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000
144F	0.0 N	15.0000	0.0 N	50.0000L	200.0000	0.0 N	15.0000	0.0 N	300.0000
145F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
146F	0.0 N	15.0000	0.0 N	50.0000L	300.0000	0.0 N	15.0000	0.0 N	100.0000
147F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
148F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	50.0000	200.0000L	300.0000
149F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	200.0000L	200.0000
150F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
151F	5.0000	3.0000	2.0000	1.0000	700.0000	0.5000L	200.0000L	0.0200L	70.0000	1000.0000
152F	3.0000	1.5000	1.5000	0.5000	500.0000	0.5000L	0.0 N	0.0200L	70.0000	700.0000
153F	7.0000	3.0000	1.5000	1.0000	1000.0000	0.5000L	0.0 N	0.3000	50.0000	1500.0000
154F	10.0000	3.0000	2.0000	1.0000	1000.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
155F	7.0000	2.0000	1.0000	0.5000	1000.0000	0.0 N	200.0000L	0.0200L	70.0000	2000.0000
156F	7.0000	2.0000	1.0000	0.3000	1000.0000	0.0 N	200.0000L	0.0200L	100.0000	1500.0000
157F	5.0000	2.0000	1.0000	0.5000	1000.0000	0.5000L	0.0 N	0.0200L	150.0000	2000.0000
158F	5.0000	1.5000	1.5000	0.5000	1000.0000	0.5000L	200.0000L	0.0200L	100.0000	1500.0000
159F	5.0000	2.0000	1.0000	0.5000	1000.0000	0.5000	0.0 N	0.0200L	100.0000	1500.0000
160F	5.0000	2.0000	1.5000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
161F	5.0000	1.5000	1.5000	0.5000	1000.0000	0.5000L	0.0 N	0.0200L	150.0000	2000.0000
162F	5.0000	2.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
163F	5.0000	2.0000	1.0000	0.7000	700.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
164F	7.0000	1.5000	1.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
165F	5.0000	2.0000	1.5000	0.5000	700.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
166F	5.0000	3.0000	0.7000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
167F	5.0000	2.0000	1.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	100.0000	2000.0000
168F	5.0000	2.0000	1.5000	0.5000	1000.0000	0.5000L	200.0000L	0.0200L	100.0000	2000.0000
169F	3.0000	2.0000	1.0000	0.7000	700.0000	0.5000L	0.0 N	0.0400	100.0000	1000.0000
170F	7.0000	3.0000	2.0000	1.0000	1000.0000	0.5000L	0.0 N	0.0200L	70.0000	2000.0000
171F	7.0000	5.0000	3.0000	1.0000G	1000.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
172F	7.0000	3.0000	1.5000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
173F	15.0000	3.0000	3.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
174F	7.0000	2.0000	0.7000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
175F	15.0000	5.0000	3.0000	1.0000G	1500.0000	0.5000L	0.0 N	0.0200L	100.0000	3000.0000
176F	15.0000	5.0000	5.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
177F	15.0000	5.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
178F	15.0000	5.0000	2.0000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	3000.0000
179F	15.0000	5.0000	3.0000	1.0000G	1500.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
180F	15.0000	5.0000	3.0000	1.0000G	1000.0000	0.5000L	0.0 N	0.0200L	70.0000	2000.0000
181F	15.0000	3.0000	5.0000	1.0000	2000.0000	0.5000	0.0 N	0.0200L	150.0000	7000.0000
182F	15.0000	5.0000	3.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	70.0000	3000.0000
183F	15.0000	5.0000	5.0000	1.0000G	2000.0000	0.5000L	0.0 N	0.0200L	70.0000	3000.0000
184F	5.0000	1.5000	1.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
185F	7.0000	1.5000	0.7000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
186F	3.0000	1.5000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
187F	15.0000	3.0000	3.0000	1.0000	3000.0000	0.0 N	0.0 N	0.0200L	30.0000	2000.0000
188F	3.0000	1.0000	1.0000	0.3000	500.0000	0.5000L	200.0000L	0.0200L	50.0000	1000.0000
189F	10.0000	2.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	2000.0000
190F	7.0000	1.0000	1.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
191F	15.0000	2.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	3000.0000
192F	5.0000	1.5000	1.5000	0.5000	2000.0000	0.0 N	200.0000	0.0200L	50.0000	700.0000
193F	5.0000	2.0000	2.0000	0.5000	2000.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
194F	5.0000	2.0000	1.5000	0.3000	2000.0000	0.0 N	200.0000L	0.0200L	70.0000	1000.0000
195F	5.0000	1.5000	1.5000	0.5000	2000.0000	0.0 N	200.0000L	0.0200L	70.0000	700.0000
196F	10.0000	2.0000	5.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	70.0000	1000.0000
197F	3.0000	1.5000	1.5000	0.2000	700.0000	0.0 N	0.0 N	0.0 N	15.0000	700.0000
198F	3.0000	1.0000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0 N	20.0000	700.0000
199F	3.0000	1.5000	1.0000	3.0000	500.0000	0.0 N	0.0 N	0.0 N	10.0000	700.0000
200F	2.0000	0.7000	0.5000	5.0000	500.0000	0.0 N	0.0 N	0.0 N	15.0000	700.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
151F	1.0000L	0.0 N	20.0000	200.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
152F	1.0000	0.0 N	20.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	100.0000	20.0000
153F	1.0000L	0.0 N	15.0000	200.0000	70.0000	20.0000	0.0 N	10.0000	100.0000	15.0000
154F	1.5000	0.0 N	15.0000	300.0000	70.0000	30.0000	0.0 N	15.0000	150.0000	20.0000
155F	1.0000	0.0 N	15.0000	200.0000	50.0000	30.0000	5.0000L	20.0000	100.0000	50.0000
156F	1.0000	0.0 N	20.0000	300.0000	50.0000	20.0000	5.0000L	10.0000	70.0000	50.0000
157F	2.0000	0.0 N	20.0000	150.0000	50.0000	30.0000	0.0 N	10.0000	100.0000	50.0000
158F	2.0000	0.0 N	30.0000	150.0000	70.0000	100.0000	5.0000	10.0000	70.0000	50.0000
159F	1.0000	0.0 N	20.0000	2000.0000	70.0000	20.0000	5.0000L	10.0000	100.0000	70.0000
160F	1.5000	0.0 N	20.0000	200.0000	50.0000	70.0000	5.0000L	20.0000	100.0000	15.0000
161F	1.0000	0.0 N	20.0000	200.0000	70.0000	70.0000	5.0000	20.0000	100.0000	50.0000
162F	1.5000	0.0 N	20.0000	200.0000	50.0000	30.0000	5.0000L	10.0000	70.0000	30.0000
163F	1.5000	0.0 N	20.0000	200.0000	50.0000	30.0000	5.0000	2.0000L	70.0000	15.0000
164F	2.0000	0.0 N	30.0000	200.0000	30.0000	30.0000	5.0000	10.0000	100.0000	50.0000
165F	1.0000	0.0 N	20.0000	150.0000	50.0000	30.0000	0.0 N	10.0000	70.0000	50.0000
166F	1.0000	0.0 N	15.0000	200.0000	50.0000	20.0000	5.0000	15.0000	100.0000	30.0000
167F	1.5000	0.0 N	15.0000	200.0000	70.0000	20.0000	5.0000L	15.0000	100.0000	50.0000
168F	1.0000	0.0 N	20.0000	200.0000	50.0000	30.0000	5.0000L	15.0000	70.0000	150.0000
169F	2.0000	0.0 N	20.0000	200.0000	70.0000	100.0000	5.0000L	10.0000	100.0000	20.0000
170F	1.0000	0.0 N	20.0000	300.0000	100.0000	30.0000	0.0 N	10.0000	100.0000	50.0000
171F	1.5000	0.0 N	20.0000	300.0000	70.0000	50.0000	5.0000L	15.0000	70.0000	30.0000
172F	1.5000	0.0 N	20.0000	150.0000	70.0000	30.0000	5.0000L	10.0000	70.0000	15.0000
173F	1.5000	0.0 N	30.0000	300.0000	70.0000	50.0000	5.0000L	15.0000	100.0000	20.0000
174F	1.0000	0.0 N	15.0000	150.0000	70.0000	20.0000	5.0000L	10.0000	70.0000	10.0000
175F	1.5000	0.0 N	130.0000	300.0000	100.0000	30.0000	0.0 N	15.0000	150.0000	50.0000
176F	1.0000L	0.0 N	50.0000	300.0000	70.0000	20.0000L	0.0 N	10.0000	150.0000	15.0000
177F	1.0000L	0.0 N	70.0000	500.0000	70.0000	20.0000	0.0 N	10.0000	100.0000	20.0000
178F	1.0000	0.0 N	50.0000	700.0000	70.0000	20.0000L	0.0 N	15.0000	100.0000	15.0000
179F	1.0000L	0.0 N	50.0000	500.0000	70.0000	20.0000	0.0 N	10.0000	100.0000	70.0000
180F	1.0000	0.0 N	30.0000	500.0000	100.0000	30.0000	0.0 N	10.0000	100.0000	30.0000
181F	1.5000	0.0 N	70.0000	300.0000	150.0000	30.0000	5.0000L	15.0000	150.0000	70.0000
182F	1.5000	0.0 N	20.0000	300.0000	150.0000	50.0000	0.0 N	15.0000	100.0000	50.0000
183F	1.5000	0.0 N	30.0000	500.0000	100.0000	30.0000	5.0000	15.0000	150.0000	70.0000
184F	1.5000	0.0 N	10.0000	70.0000	15.0000	30.0000	0.0 N	10.0000	50.0000	20.0000
185F	1.0000L	0.0 N	10.0000	150.0000	70.0000	20.0000	5.0000L	2.0000L	70.0000	20.0000
186F	1.0000	0.0 N	10.0000	150.0000	20.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
187F	1.0000L	0.0 N	30.0000	70.0000	100.0000	20.0000	5.0000L	10.0000	70.0000	10.0000
188F	1.0000L	5.0000L	10.0000L	100.0000	15.0000	30.0000	2.0000L	20.0000L	15.0000	10.0000
189F	1.0000L	0.0 N	30.0000	100.0000	70.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
190F	1.0000L	0.0 N	15.0000	70.0000	70.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
191F	1.0000L	0.0 N	70.0000	100.0000	100.0000	20.0000	0.0 N	15.0000	70.0000	15.0000
192F	1.0000	0.0 N	20.0000	100.0000	70.0000	0.0 N	0.0 N	2.0000L	100.0000	20.0000
193F	1.0000L	0.0 N	30.0000	150.0000	70.0000	0.0 N	0.0 N	2.0000L	100.0000	20.0000
194F	1.0000L	0.0 N	20.0000	150.0000	70.0000	30.0000	0.0 N	20.0000	70.0000	50.0000
195F	1.0000L	0.0 N	15.0000	100.0000	70.0000	10.0000	0.0 N	2.0000L	70.0000	30.0000
196F	1.5000	0.0 N	15.0000	70.0000	70.0000	30.0000	7.0000	10.0000	70.0000	150.0000
197F	1.0000	0.0 N	20.0000	50.0000	30.0000	0.0 N	0.0 N	2.0000L	20.0000	10.0000L
198F	1.0000	0.0 N	20.0000	70.0000	20.0000	0.0 N	0.0 N	10.0000	50.0000	10.0000
199F	1.0000L	0.0 N	15.0000	150.0000	20.0000	0.0 N	0.0 N	10.0000	70.0000	10.0000
200F	1.0000	0.0 N	15.0000	100.0000	10.0000	0.0 N	0.0 N	10.0000	30.0000	10.0000L

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
151F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
152F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	200.0000L	150.0000
153F	0.0 N	20.0000	0.0 N	50.0000L	300.0000	0.0 N	30.0000	0.0 N	300.0000
154F	0.0 N	30.0000	0.0 N	100.0000	300.0000	0.0 N	30.0000	0.0 N	300.0000
155F	0.0 N	30.0000	0.0 N	0.0 N	300.0000	0.0 N	50.0000	500.0000	200.0000
156F	0.0 N	30.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	200.0000L	500.0000
157F	0.0 N	20.0000	0.0 N	0.0 N	300.0000	0.0 N	30.0000	200.0000L	300.0000
158F	0.0 N	30.0000	0.0 N	100.0000	200.0000	0.0 N	50.0000	200.0000L	500.0000
159F	0.0 N	20.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	200.0000	200.0000
160F	0.0 N	20.0000	0.0 N	50.0000L	200.0000	0.0 N	50.0000	200.0000L	500.0000
161F	0.0 N	30.0000	0.0 N	0.0 N	300.0000	0.0 N	100.0000	200.0000L	300.0000
162F	0.0 N	30.0000	0.0 N	50.0000L	200.0000	0.0 N	70.0000	0.0 N	500.0000
163F	0.0 N	30.0000	0.0 N	50.0000L	200.0000	0.0 N	20.0000	200.0000L	300.0000
164F	0.0 N	20.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	200.0000L	300.0000
165F	0.0 N	30.0000	0.0 N	0.0 N	150.0000	0.0 N	50.0000	200.0000L	300.0000
166F	0.0 N	30.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	200.0000	200.0000
167F	0.0 N	20.0000	0.0 N	0.0 N	300.0000	0.0 N	50.0000	200.0000	300.0000
168F	0.0 N	20.0000	0.0 N	0.0 N	200.0000	0.0 N	50.0000	0.0 N	300.0000
169F	0.0 N	20.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	0.0 N	300.0000
170F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
171F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	50.0000	200.0000L	700.0000
172F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
173F	0.0 N	30.0000	0.0 N	150.0000	300.0000	0.0 N	50.0000	200.0000L	500.0000
174F	0.0 N	20.0000	0.0 N	50.0000L	300.0000	0.0 N	20.0000	200.0000L	150.0000
175F	0.0 N	30.0000	0.0 N	150.0000	300.0000	0.0 N	50.0000	200.0000L	700.0000
176F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	0.0 N	300.0000
177F	0.0 N	50.0000	0.0 N	300.0000	300.0000	0.0 N	50.0000	200.0000L	300.0000
178F	0.0 N	30.0000	0.0 N	150.0000	300.0000	0.0 N	30.0000	200.0000L	500.0000
179F	0.0 N	30.0000	0.0 N	150.0000	300.0000	0.0 N	30.0000	200.0000L	500.0000
180F	0.0 N	30.0000	0.0 N	100.0000	300.0000	0.0 N	50.0000	200.0000L	700.0000
181F	0.0 N	20.0000	0.0 N	100.0000	300.0000	0.0 N	70.0000	200.0000	700.0000
182F	0.0 N	30.0000	0.0 N	100.0000	300.0000	0.0 N	70.0000	200.0000L	1000.0000
183F	0.0 N	30.0000	0.0 N	200.0000	300.0000	0.0 N	70.0000	200.0000L	700.0000
184F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	20.0000	200.0000L	300.0000
185F	0.0 N	15.0000	0.0 N	100.0000	200.0000	0.0 N	20.0000	200.0000L	300.0000
186F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	200.0000
187F	0.0 N	30.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
188F	0.0 N	15.0000	10.0000L	150.0000	100.0000	50.0000L	15.0000	200.0000L	200.0000
189F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
190F	0.0 N	20.0000	0.0 N	100.0000	150.0000	0.0 N	15.0000	200.0000L	100.0000
191F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
192F	0.0 N	20.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	500.0000	200.0000
193F	0.0 N	50.0000	0.0 N	0.0 N	200.0000	0.0 N	50.0000	0.0 N	300.0000
194F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	50.0000	200.0000	300.0000
195F	0.0 N	20.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	200.0000	200.0000
196F	0.0 N	15.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
197F	0.0 N	10.0000	0.0 N	100.0000	100.0000	0.0 N	15.0000	0.0 N	70.0000
198F	0.0 N	10.0000	0.0 N	200.0000	100.0000	0.0 N	20.0000	0.0 N	200.0000
199F	0.0 N	15.0000	0.0 N	100.0000	100.0000	0.0 N	15.0000	0.0 N	150.0000
200F	0.0 N	7.0000	0.0 N	50.0000	100.0000	0.0 N	20.0000	0.0 N	150.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
201F	3.0000	1.0000	0.7000	0.3000	500.0000	0.0 N	0.0 N	0.0 N	20.0000	700.0000
202F	3.0000	2.0000	1.5000	0.3000	700.0000	0.5000L	200.0000L	0.0200L	30.0000	1500.0000
203F	5.0000	2.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
204F	3.0000	1.5000	2.0000	0.5000	700.0000	0.5000L	200.0000L	0.0200L	30.0000	2000.0000
205F	3.0000	1.5000	3.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
206F	3.0000	1.5000	3.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
207F	3.0000	1.5000	2.0000	0.5000	1000.0000	0.5000L	200.0000L	0.0200L	30.0000	2000.0000
208F	3.0000	1.5000	1.0000	0.3000	700.0000	0.5000L	200.0000L	0.0200L	30.0000	1500.0000
209F	3.0000	1.5000	1.5000	0.3000	1000.0000	0.5000L	200.0000L	0.0200L	50.0000	1500.0000
210F	3.0000	1.5000	1.5000	0.3000	700.0000	0.5000L	200.0000L	0.0200L	30.0000	1500.0000
211F	3.0000	1.5000	2.0000	0.3000	300.0000	0.5000L	200.0000L	0.0200L	30.0000	1000.0000
212F	5.0000	1.5000	1.5000	0.3000	1000.0000	0.5000L	200.0000L	0.0200L	30.0000	2000.0000
213F	5.0000	3.0000	3.0000	0.3000	1000.0000	0.5000L	0.0 N	0.0200L	50.0000	700.0000
214F	10.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	2000.0000
215F	5.0000	1.5000	1.0000	0.3000	700.0000	0.5000L	200.0000L	0.0200L	30.0000	2000.0000
216F	3.0000	1.5000	5.0000	0.3000	700.0000	0.5000L	200.0000L	0.0200L	30.0000	700.0000
217F	3.0000	2.0000	7.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
218F	5.0000	3.0000	7.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
219F	10.0000	3.0000	10.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
220F	10.0000	3.0000	7.0000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	1500.0000
221F	3.0000	1.5000	0.7000	0.3000	1000.0000	0.5000L	200.0000L	0.0200L	30.0000	2000.0000
222F	3.0000	1.5000	0.7000	0.3000	700.0000	0.5000L	0.0 N	0.0200L	50.0000	1500.0000
223F	3.0000	0.7000	1.5000	0.3000	500.0000	0.5000L	200.0000L	0.0200L	30.0000	1000.0000
224F	3.0000	1.5000	0.3000	0.3000	1000.0000	0.5000L	200.0000L	0.0200L	30.0000	1500.0000
225F	15.0000	0.7000	1.0000	0.1500	5000.0000	0.5000L	200.0000L	0.0200L	50.0000	1500.0000
226F	15.0000	1.5000	0.7000	0.5000	3000.0000	0.5000L	0.0 N	0.0200L	70.0000	2000.0000
227F	10.0000	2.0000	3.0000	0.7000	5000.0000	0.5000L	0.0 N	0.0200L	100.0000	3000.0000
228F	5.0000	2.0000	1.0000	0.5000	700.0000	0.5000	0.0 N	0.0200L	50.0000	2000.0000
229F	3.0000	1.5000	1.5000	0.3000	300.0000	0.5000L	200.0000L	0.0200L	30.0000	1000.0000
230F	5.0000	1.5000	1.0000	0.7000	700.0000	0.5000	200.0000L	0.0200L	50.0000	2000.0000
231F	5.0000	2.0000	1.5000	0.7000	1000.0000	0.5000L	0.0 N	0.0200L	100.0000	2000.0000
232F	10.0000	3.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
233F	5.0000	1.5000	2.0000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
234F	15.0000	5.0000	7.0000	1.0000	2000.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
235F	15.0000	5.0000	5.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	10.0000	700.0000
236F	5.0000	1.5000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
237F	5.0000	2.0000	5.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
238F	7.0000	3.0000	7.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	1500.0000
239F	5.0000	2.0000	5.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
240F	7.0000	3.0000	7.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
241F	5.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
242F	7.0000	2.0000	2.0000	0.3000	500.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000
243F	7.0000	3.0000	3.0000	0.7000	500.0000	1.0000	200.0000L	0.0200L	70.0000	1000.0000
244F	5.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
245F	7.0000	1.5000	2.0000	0.7000	500.0000	0.5000L	0.0 N	0.0200L	30.0000	1000.0000
246F	10.0000	2.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000
247F	10.0000	2.0000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
248F	7.0000	2.0000	5.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
249F	5.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
250F	7.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CD PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
201F	1.0000	0.0 N	20.0000	100.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
202F	1.0000L	0.0 N	15.0000	70.0000	70.0000	0.0 B	0.0 N	10.0000	50.0000	10.0000
203F	1.0000L	0.0 N	15.0000	70.0000	70.0000	20.0000L	0.0 N	15.0000	70.0000	10.0000
204F	1.0000	0.0 N	10.0000	50.0000	70.0000	0.0 B	0.0 N	10.0000	30.0000	10.0000
205F	1.0000L	0.0 N	10.0000	70.0000	15.0000	20.0000	0.0 N	10.0000	50.0000	10.0000L
206F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
207F	1.0000	0.0 N	15.0000	70.0000	100.0000	0.0 B	0.0 N	10.0000	50.0000	20.0000
208F	1.5000	0.0 N	15.0000	70.0000	30.0000	0.0 B	0.0 N	10.0000	30.0000	30.0000
209F	1.0000	0.0 N	15.0000	70.0000	30.0000	0.0 B	0.0 N	10.0000	50.0000	30.0000
210F	1.0000	0.0 N	10.0000	30.0000	30.0000	0.0 B	0.0 N	10.0000	30.0000	15.0000
211F	1.0000	0.0 N	15.0000	100.0000	20.0000	0.0 B	0.0 N	10.0000	30.0000	15.0000
212F	1.0000L	0.0 N	15.0000	70.0000	100.0000	0.0 B	0.0 N	10.0000	50.0000	10.0000
213F	0.0 N	0.0 N	10.0000	30.0000	70.0000	0.0 B	0.0 N	2.0000L	30.0000	10.0000
214F	1.0000L	0.0 N	20.0000	150.0000	50.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
215F	1.0000	0.0 N	15.0000	150.0000	100.0000	0.0 B	0.0 N	10.0000	70.0000	15.0000
216F	1.0000L	0.0 N	15.0000	70.0000	30.0000	0.0 B	0.0 N	10.0000	30.0000	10.0000
217F	1.0000L	0.0 N	15.0000	100.0000	20.0000	30.0000	0.0 N	2.0000L	50.0000	15.0000
218F	1.0000L	0.0 N	15.0000	150.0000	20.0000	20.0000	0.0 N	10.0000	50.0000	20.0000
219F	1.5000	0.0 N	30.0000	100.0000	15.0000	30.0000	5.0000L	10.0000	50.0000	15.0000
220F	1.0000	0.0 N	15.0000	70.0000	10.0000	30.0000	0.0 N	10.0000	30.0000	10.0000
221F	1.0000L	0.0 N	15.0000	70.0000	30.0000	0.0 B	0.0 N	10.0000	50.0000	10.0000L
222F	1.0000	0.0 N	15.0000	100.0000	50.0000	0.0 B	0.0 N	10.0000	50.0000	30.0000
223F	1.0000	0.0 N	10.0000	70.0000	15.0000	0.0 B	0.0 N	10.0000	70.0000	15.0000
224F	1.0000L	0.0 N	15.0000	1000.0000	20.0000	0.0 B	5.0000L	10.0000	50.0000	10.0000
225F	1.0000L	0.0 N	150.0000	50.0000	100.0000	0.0 B	5.0000	2.0000L	150.0000	15.0000
226F	1.0000	0.0 N	70.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	150.0000	10.0000
227F	1.5000	0.0 N	30.0000	150.0000	70.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
228F	1.0000	0.0 N	15.0000	150.0000	100.0000	0.0 B	5.0000L	10.0000	70.0000	30.0000
229F	1.0000	0.0 N	10.0000	70.0000	20.0000	0.0 B	0.0 N	10.0000	50.0000	15.0000
230F	1.0000	0.0 N	15.0000	150.0000	100.0000	0.0 B	7.0000	10.0000	100.0000	15.0000
231F	1.5000	0.0 N	20.0000	200.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
232F	1.0000L	0.0 N	15.0000	300.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	10.0000L
233F	1.0000L	0.0 N	15.0000	70.0000	30.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
234F	1.0000L	0.0 N	20.0000	150.0000	70.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000
235F	0.0 N	0.0 N	15.0000	70.0000	50.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000
236F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000L	0.0 N	15.0000	50.0000	15.0000
237F	1.5000	0.0 N	15.0000	70.0000	30.0000	20.0000	0.0 N	10.0000	50.0000	10.0000
238F	1.0000L	0.0 N	20.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	50.0000	15.0000
239F	1.5000	0.0 N	15.0000	70.0000	20.0000	20.0000L	0.0 N	2.0000L	30.0000	15.0000
240F	1.5000	0.0 N	20.0000	100.0000	20.0000	20.0000L	0.0 N	10.0000	70.0000	15.0000
241F	1.0000L	0.0 N	20.0000	100.0000	50.0000	0.0 N	0.0 N	10.0000	15.0000	20.0000
242F	1.0000	0.0 N	20.0000	150.0000	30.0000	20.0000	0.0 N	2.0000L	30.0000	15.0000
243F	1.0000L	0.0 N	30.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	20.0000	20.0000
244F	1.0000L	0.0 N	15.0000	100.0000	50.0000	30.0000	0.0 N	10.0000	15.0000	70.0000
245F	1.0000	0.0 N	15.0000	70.0000	70.0000	20.0000L	0.0 N	2.0000L	20.0000	30.0000
246F	1.0000L	0.0 N	30.0000	150.0000	50.0000	20.0000L	0.0 N	2.0000L	20.0000	15.0000
247F	1.0000	0.0 N	30.0000	100.0000	50.0000	20.0000L	0.0 N	10.0000	30.0000	20.0000
248F	1.5000	0.0 N	15.0000	300.0000	20.0000	50.0000	5.0000L	10.0000	70.0000	15.0000
249F	1.5000	0.0 N	15.0000	70.0000	20.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
250F	1.0000L	0.0 N	15.0000	100.0000	20.0000	20.0000L	0.0 N	10.0000	70.0000	10.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
201F	0.0 N	10.0000	0.0 N	100.0000	100.0000	0.0 N	20.0000	0.0 N	300.0000
202F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	70.0000
203F	0.0 N	20.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	200.0000L	100.0000
204F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	200.0000L	100.0000
205F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	200.0000L	100.0000
206F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	200.0000L	150.0000
207F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
208F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
209F	0.0 N	15.0000	0.0 N	300.0000	150.0000	50.0000L	30.0000	200.0000L	50.0000
210F	0.0 N	15.0000	0.0 N	300.0000	100.0000	0.0 N	15.0000	0.0 N	70.0000
211F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
212F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	200.0000L	70.0000
213F	0.0 N	10.0000	0.0 N	300.0000	150.0000	0.0 N	10.0000	0.0 N	50.0000
214F	0.0 N	15.0000	0.0 N	100.0000	250.0000	0.0 N	30.0000	0.0 N	150.0000
215F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	20.0000	200.0000L	100.0000
216F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
217F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
218F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	150.0000
219F	0.0 N	30.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
220F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	30.0000	200.0000L	70.0000
221F	100.0000L	15.0000	0.0 N	100.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
222F	100.0000L	15.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
223F	0.0 N	15.0000	0.0 N	100.0000	150.0000	50.0000L	20.0000	200.0000L	100.0000
224F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	20.0000	200.0000L	70.0000
225F	0.0 N	1.0000	0.0 N	100.0000	150.0000	50.0000L	70.0000	500.0000	70.0000
226F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	70.0000	200.0000	100.0000
227F	0.0 N	30.0000	0.0 N	150.0000	150.0000	0.0 N	50.0000	200.0000L	300.0000
228F	0.0 N	15.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	300.0000	100.0000
229F	0.0 N	15.0000	0.0 N	150.0000	100.0000	50.0000L	20.0000	0.0 N	100.0000
230F	0.0 N	15.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	700.0000	100.0000
231F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
232F	0.0 N	30.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
233F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	0.0 N	100.0000
234F	0.0 N	50.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	200.0000L	150.0000
235F	0.0 N	50.0000	0.0 N	200.0000	300.0000	0.0 N	30.0000	200.0000L	150.0000
236F	0.0 N	15.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	200.0000L	200.0000
237F	0.0 N	30.0000	0.0 N	500.0000	200.0000	0.0 N	20.0000	0.0 N	100.0000
238F	0.0 N	30.0000	0.0 N	500.0000	300.0000	0.0 N	30.0000	0.0 N	100.0000
239F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	50.0000	0.0 N	150.0000
240F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
241F	0.0 N	50.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	0.0 N	300.0000
242F	0.0 N	50.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
243F	0.0 N	50.0000	0.0 N	0.0 N	200.0000	0.0 N	30.0000	0.0 N	200.0000
244F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
245F	0.0 N	20.0000	0.0 N	300.0000	100.0000	0.0 N	20.0000	0.0 N	300.0000
246F	0.0 N	30.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	200.0000
247F	0.0 N	30.0000	0.0 N	300.0000	100.0000	0.0 N	50.0000	0.0 N	200.0000
248F	0.0 N	15.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	500.0000
249F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
250F	0.0 N	20.0000	0.0 N	200.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
251F	7.0000	2.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
252F	7.0000	2.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
253F	10.0000	3.0000	7.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
254F	7.0000	3.0000	7.0000	1.0000	1500.0000	0.7000	0.0 N	0.0200L	30.0000	1500.0000
255F	7.0000	1.5000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
256F	3.0000	2.0000	2.0000	5.0000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	500.0000
257F	7.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
258F	3.0000	1.5000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
259F	5.0000	1.5000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
260F	5.0000	1.5000	1.5000	0.5000	700.0000	0.7000	0.0 N	0.0200L	10.0000L	500.0000
261F	7.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	500.0000
262F	7.0000	1.5000	1.5000	0.5000	500.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
263F	10.0000	1.5000	2.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
264F	7.0000	2.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
265F	7.0000	2.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
266F	7.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
267F	5.0000	1.5000	3.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
268F	10.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0400L	20.0000	700.0000
269F	7.0000	1.5000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
270F	7.0000	3.0000	7.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
271F	3.0000	1.5000	10.0000	0.5000	500.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
272F	7.0000	3.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
273F	5.0000	1.5000	1.5000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
274F	7.0000	3.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
275F	7.0000	3.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	1500.0000
276F	5.0000	1.5000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
277F	5.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
278F	5.0000	1.5000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
279F	5.0000	2.0000	2.0000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
280F	7.0000	1.5000	2.0000	0.5000	2000.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
281F	5.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
282F	5.0000	1.5000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
283F	5.0000	1.5000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
284F	3.0000	1.5000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
285F	5.0000	1.5000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	100.0000	700.0000
286F	5.0000	2.0000	3.0000	0.7000	2000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
287F	5.0000	1.5000	1.5000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
288F	5.0000	1.5000	1.5000	1.0000	300.0000	0.5000L	0.0 N	0.0200L	100.0000	1500.0000
289F	5.0000	1.5000	1.5000	1.0000	300.0000	0.5000L	0.0 N	0.0200L	70.0000	1000.0000
290F	7.0000	2.0000	1.5000	1.0000	1000.0000	0.5000L	0.0 N	0.0200L	150.0000	1500.0000
291F	3.0000	15.0000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
292F	7.0000	1.5000	1.5000	0.7000	1000.0000	0.0 N	0.0 N	0.0400L	70.0000	1500.0000
293F	7.0000	1.5000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
294F	10.0000	2.0000	3.0000	1.0000G	1500.0000	0.5000L	0.0 N	0.0200L	200.0000	1500.0000
295F	5.0000	1.5000	1.5000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	150.0000	1000.0000
296F	15.0000	2.0000	3.0000	1.0000	1000.0000	0.5000L	0.0 N	0.0200L	20.0000	1500.0000
297F	10.0000	3.0000	3.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
298F	10.0000	2.0000	3.0000	1.0000	700.0000	0.5000L	0.0 N	0.0200L	100.0000	2000.0000
299F	10.0000	2.0000	2.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
300F	7.0000	1.5000	2.0000	1.0000	500.0000	0.5000L	0.0 N	0.0200L	70.0000	2000.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CD PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
251F	1.0000	0.0 N	15.0000	100.0000	15.0000	50.0000	0.0 N	15.0000	50.0000	20.0000
252F	1.5000	0.0 N	15.0000	70.0000	30.0000	70.0000	0.0 N	15.0000	70.0000	20.0000
253F	1.0000L	0.0 N	30.0000	150.0000	20.0000	20.0000L	0.0 N	10.0000	50.0000	15.0000
254F	1.0000	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	15.0000	50.0000	15.0000
255F	1.5000	0.0 N	15.0000	70.0000	15.0000	30.0000	0.0 N	15.0000	70.0000	15.0000
256F	1.0000L	0.0 N	20.0000	150.0000	20.0000	0.0 N	0.0 N	2.0000L	30.0000	10.0000
257F	1.0000L	0.0 N	10.0000	150.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
258F	1.0000	0.0 N	10.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	20.0000	10.0000
259F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	0.0 N	2.0000L	70.0000	15.0000
260F	1.0000L	0.0 N	10.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	15.0000
261F	0.0 N	0.0 N	15.0000	70.0000	10.0000	20.0000L	0.0 N	2.0000L	20.0000	10.0000L
262F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
263F	1.0000L	0.0 N	10.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	10.0000
264F	1.0000	0.0 N	15.0000	70.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
265F	1.0000L	0.0 N	10.0000	30.0000	15.0000	20.0000L	0.0 N	2.0000L	20.0000	15.0000
266F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
267F	1.0000	0.0 N	15.0000	100.0000	20.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
268F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
269F	1.0000L	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
270F	1.0000L	0.0 N	20.0000	150.0000	30.0000	30.0000	0.0 N	20.0000	70.0000	20.0000
271F	1.0000L	0.0 N	10.0000	70.0000	7.0000	20.0000	0.0 N	15.0000	50.0000	15.0000
272F	1.5000	0.0 N	20.0000	70.0000	10.0000	20.0000	0.0 N	10.0000	20.0000	20.0000
273F	1.0000L	0.0 N	15.0000	150.0000	15.0000	20.0000L	0.0 N	15.0000	50.0000	20.0000
274F	1.0000	0.0 N	20.0000	100.0000	15.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
275F	1.0000L	0.0 N	20.0000	70.0000	15.0000	20.0000	0.0 N	15.0000	30.0000	15.0000
276F	1.0000	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	15.0000	30.0000	20.0000
277F	1.0000	0.0 N	15.0000	150.0000	15.0000	20.0000	0.0 N	15.0000	50.0000	20.0000
278F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
279F	1.0000L	0.0 N	20.0000	150.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
280F	1.0000L	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	10.0000	50.0000	30.0000
281F	1.0000L	0.0 N	15.0000	100.0000	20.0000	20.0000L	0.0 N	10.0000	70.0000	15.0000
282F	1.0000	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	20.0000
283F	1.0000L	0.0 N	15.0000	70.0000	20.0000	20.0000L	0.0 N	10.0000	50.0000	70.0000
284F	1.0000L	0.0 N	0.0 N	70.0000	15.0000	20.0000	0.0 N	2.0000L	70.0000	30.0000
285F	1.5000	0.0 N	15.0000	50.0000	10.0000	30.0000	0.0 N	15.0000	30.0000	10.0000
286F	1.5000	0.0 N	30.0000	150.0000	70.0000	30.0000	5.0000L	10.0000	70.0000	50.0000
287F	1.0000	0.0 N	20.0000	100.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
288F	1.5000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	15.0000	50.0000	20.0000
289F	1.5000	0.0 N	15.0000	70.0000	30.0000	20.0000	0.0 N	15.0000	50.0000	20.0000
290F	2.0000	0.0 N	30.0000	150.0000	30.0000	30.0000	0.0 N	15.0000	70.0000	50.0000
291F	1.0000	0.0 N	10.0000	70.0000	20.0000	20.0000	0.0 N	2.0000L	30.0000	15.0000
292F	1.5000	0.0 N	30.0000	100.0000	50.0000	30.0000	0.0 N	15.0000	70.0000	30.0000
293F	1.5000	0.0 N	20.0000	100.0000	30.0000	30.0000	0.0 N	10.0000	50.0000	20.0000
294F	1.5000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	20.0000	15.0000	15.0000
295F	1.5000	0.0 N	15.0000	100.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
296F	1.0000	0.0 N	30.0000	150.0000	20.0000	20.0000	0.0 N	20.0000	70.0000	15.0000
297F	1.0000L	0.0 N	20.0000	150.0000	20.0000	20.0000L	0.0 N	20.0000	70.0000	15.0000
298F	1.0000	0.0 N	15.0000	200.0000	70.0000	20.0000	0.0 N	15.0000	70.0000	20.0000
299F	1.0000	0.0 N	20.0000	100.0000	50.0000	20.0000	0.0 N	20.0000	50.0000	15.0000
300F	1.5000	0.0 N	10.0000	100.0000	30.0000	20.0000	0.0 N	15.0000	50.0000	30.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
251F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	500.0000
252F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
253F	0.0 N	30.0000	0.0 N	500.0000	300.0000	0.0 N	30.0000	200.0000L	70.0000
254F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	500.0000
255F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
256F	0.0 N	10.0000	0.0 N	300.0000	100.0000	0.0 N	15.0000	0.0 N	100.0000
257F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
258F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
259F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	15.0000	0.0 N	150.0000
260F	0.0 N	15.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
261F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	70.0000
262F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	0.0 N	100.0000
263F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
264F	0.0 N	30.0000	0.0 N	500.0000	200.0000	0.0 N	30.0000	0.0 N	100.0000
265F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	100.0000
266F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
267F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
268F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
269F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
270F	0.0 N	30.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
271F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	20.0000	0.0 N	100.0000
272F	0.0 N	30.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
273F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	30.0000	0.0 N	200.0000
274F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	30.0000	0.0 N	300.0000
275F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	30.0000	0.0 N	150.0000
276F	0.0 N	20.0000	0.0 N	500.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
277F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
278F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	200.0000
279F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
280F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
281F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	20.0000	0.0 N	100.0000
282F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
283F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
284F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	150.0000
285F	0.0 N	30.0000	0.0 N	150.0000	150.0000	0.0 N	50.0000	200.0000L	200.0000
286F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
287F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	200.0000
288F	0.0 N	15.0000	0.0 N	150.0000	200.0000	0.0 N	20.0000	200.0000L	200.0000
289F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	20.0000	200.0000L	200.0000
290F	0.0 N	20.0000	0.0 N	150.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000
291F	0.0 N	10.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	0.0 N	200.0000
292F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
293F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
294F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	70.0000	200.0000L	300.0000
295F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	200.0000L	200.0000
296F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	70.0000	200.0000L	200.0000
297F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	15.0000	0.0 N	300.0000
298F	0.0 N	30.0000	0.0 N	200.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000
299F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
300F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
301F	10.0000	2.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
302F	15.0000	2.0000	3.0000	1.0000G	2000.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
303F	5.0000	1.5000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
304F	10.0000	2.0000	2.0000	0.7000	500.0000	0.5000L	0.0 N	0.0200L	200.0000	15.0000
305F	10.0000	1.5000	2.0000	1.0000G	1000.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
306F	10.0000	2.0000	2.0000	1.0000G	1500.0000	0.5000L	0.0 N	0.0200L	50.0000	2000.0000
307F	7.0000	3.0000	2.0000	1.0000	700.0000	0.5000	0.0 N	0.0200L	50.0000	2000.0000
308F	7.0000	2.0000	2.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	50.0000	2000.0000
309F	5.0000	1.5000	2.0000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
310F	5.0000	3.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
311F	7.0000	1.5000	3.0000	0.7000	2000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
312F	7.0000	2.0000	3.0000	11.0000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
313F	5.0000	2.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
314F	7.0000	3.0000	2.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	30.0000	1500.0000
315F	7.0000	2.0000	2.0000	0.7000	700.0000	0.5000L	0.0 N	0.0200L	70.0000	1500.0000
316F	7.0000	1.5000	1.5000	0.7000	1500.0000	0.5000L	0.0 N	0.0200L	150.0000	1500.0000
317F	7.0000	2.0000	1.5000	0.7000	1500.0000	0.5000L	0.0 N	0.0200L	200.0000	1500.0000
318F	7.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
319F	5.0000	2.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
320F	7.0000	3.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
321F	7.0000	2.0000	3.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
322F	7.0000	2.0000	3.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
323F	5.0000	2.0000	5.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
324F	10.0000	3.0000	7.0000	1.0000	1500.0000	0.5000L	0.0 N	0.0200L	30.0000	1500.0000
325F	5.0000	2.0000	5.0000	0.7000	1000.0000	0.5000L	0.0 N	0.0200L	30.0000	1500.0000
326F	7.0000	2.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
327F	5.0000	2.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
328F	7.0000	3.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
329F	7.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
330F	10.0000	3.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
331F	5.0000	2.0000	2.0000	0.2000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
332F	7.0000	3.0000	5.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
333F	7.0000	2.0000	5.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
334F	5.0000	2.0000	3.0000	0.7000	700.0000	0.5000L	0.0 N	0.0200L	50.0000	1500.0000
335F	5.0000	1.5000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
336F	7.0000	2.0000	5.0000	0.7000	1000.0000	0.5000L	0.0 N	0.0200L	20.0000	1500.0000
337F	7.0000	1.5000	3.0000	0.7000	1000.0000	0.5000L	0.0 N	0.0200L	30.0000	1500.0000
338F	5.0000	1.5000	3.0000	0.5000	700.0000	0.5000L	0.0 N	0.0200	50.0000	1500.0000
339F	5.0000	2.0000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
340F	7.0000	3.0000	2.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0400	15.0000	1000.0000
341F	7.0000	3.0000	2.0000	0.5000	400.0000	0.0 N	0.0 N	0.0200	30.0000	700.0000
342F	10.0000	2.0000	3.0000	1.0000	700.0000	0.0 N	0.0 N	0.0200L	10.0000	1500.0000
343F	7.0000	2.0000	3.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
344F	5.0000	1.5000	2.0000	0.2000	500.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
345F	7.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
346F	7.0000	2.0000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0800	20.0000	700.0000
347F	5.0000	2.0000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
348F	7.0000	1.5000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0400L	15.0000	1500.0000
349F	5.0000	2.0000	2.0000	0.3000	700.0000	0.5000L	0.0 N	0.0200L	20.0000	700.0000
350F	3.0000	1.5000	1.0000	0.1500	300.0000	0.0 N	0.0 N	0.0200L	15.0000	500.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
301F	1.0000	0.0 N	15.0000	70.0000	30.0000	20.0000	0.0 N	20.0000	30.0000	15.0000
302F	1.0000	0.0 N	15.0000	100.0000	30.0000	30.0000	0.0 N	30.0000	50.0000	10.0000
303F	1.0000	0.0 N	15.0000	100.0000	50.0000	30.0000	0.0 N	20.0000	50.0000	15.0000
304F	1.5000	0.0 N	30.0000	150.0000	30.0000	30.0000	0.0 N	20.0000	70.0000	20.0000
305F	2.0000	0.0 N	20.0000	100.0000	30.0000	30.0000	0.0 N	15.0000	70.0000	30.0000
306F	1.0000	0.0 N	15.0000	150.0000	30.0000	20.0000	0.0 N	20.0000	70.0000	10.0000
307F	1.5000	0.0 N	30.0000	150.0000	70.0000	30.0000	0.0 N	20.0000	70.0000	30.0000
308F	1.5000	0.0 N	20.0000	100.0000	30.0000	20.0000	5.0000L	20.0000	70.0000	15.0000
309F	1.5000	0.0 N	15.0000	50.0000	15.0000	30.0000	0.0 N	15.0000	50.0000	10.0000
310F	1.0000L	0.0 N	30.0000	150.0000	50.0000	30.0000	0.0 N	70.0000	10.0000	15.0000
311F	1.5000	0.0 N	15.0000	100.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
312F	1.5000	0.0 N	30.0000	150.0000	70.0000	20.0000	0.0 N	15.0000	70.0000	15.0000
313F	1.0000	0.0 N	15.0000	70.0000	15.0000	20.0000L	0.0 N	15.0000	70.0000	10.0000
314F	1.0000L	0.0 N	20.0000	150.0000	50.0000	20.0000	0.0 N	20.0000	70.0000	20.0000
315F	1.0000	0.0 N	20.0000	150.0000	70.0000	3.0000	5.0000L	10.0000	70.0000	15.0000
316F	1.5000	0.0 N	30.0000	100.0000	70.0000	30.0000	5.0000	15.0000	70.0000	30.0000
317F	2.0000	0.0 N	30.0000	[illegible]	70.0000	30.0000	5.0000L	20.0000	70.0000	30.0000
318F	[illegible]	0.0 N	20.0000	[illegible]	30.0000	30.0000	0.0 N	15.0000	50.0000	15.0000
319F	[illegible]	[illegible]	15.0000	[illegible]	20.0000	30.0000	0.0 N	20.0000	70.0000	10.0000
320F	[illegible]	[illegible]	30.0000	[illegible]	20.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
321F	[illegible]	[illegible] N	20.0000	[illegible]	15.0000	30.0000	0.0 N	15.0000	50.0000	15.0000
322F	[illegible]	[illegible] N	20.0000	[illegible]	20.0000	20.0000	0.0 N	10.0000	50.0000	15.0000
323F	[illegible]	0.0 N	15.0000	[illegible]	15.0000	20.0000	0.0 N	10.0000	50.0000	20.0000
324F	[illegible]	0.0 N	30.0000	[illegible]	30.0000	20.0000	0.0 N	15.0000	70.0000	20.0000
325F	[illegible]	0.0 N	15.0000	[illegible]	30.0000	20.0000	0.0 N	15.0000	70.0000	20.0000
326F	[illegible]	0.0 N	20.0000	[illegible]	50.0000	30.0000	5.0000	10.0000	70.0000	20.0000
327F	[illegible]	0.0 N	15.0000	[illegible]	15.0000	20.0000L	5.0000L	10.0000	50.0000	15.0000
328F	[illegible]	0.0 N	20.0000	[illegible]	20.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
329F	1.5000	0.0 N	20.0000	[illegible]	15.0000	30.0000	0.0 N	10.0000	50.0000	15.0000
330F	1.5000	0.0 N	20.0000	150.0000	15.0000	30.0000	0.0 N	15.0000	70.0000	15.0000
331F	1.0000	0.0 N	15.0000	70.0000	30.0000	30.0000	0.0 N	30.0000	30.0000	20.0000
332F	1.5000	0.0 N	20.0000	150.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	20.0000
333F	1.5000	0.0 N	15.0000	70.0000	20.0000	150.0000	5.0000	10.0000	50.0000	20.0000
334F	1.5000	0.0 N	15.0000	150.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	20.0000
335F	1.5000	0.0 N	15.0000	100.0000	20.0000	30.0000	5.0000L	10.0000	50.0000	30.0000
336F	1.5000	0.0 N	15.0000	100.0000	20.0000	30.0000	0.0 N	10.0000	50.0000	50.0000
337F	2.0000	0.0 N	15.0000	100.0000	20.0000	100.0000	0.0 N	15.0000	70.0000	30.0000
338F	1.5000	0.0 N	15.0000	70.0000	15.0000	30.0000	5.0000L	15.0000	70.0000	50.0000
339F	1.0000	0.0 N	15.0000	100.0000	30.0000	50.0000	0.0 N	10.0000	50.0000	30.0000
340F	1.0000	0.0 N	15.0000	70.0000	20.0000	30.0000	0.0 N	10.0000	50.0000	15.0000
341F	1.0000L	0.0 N	15.0000	100.0000	15.0000	50.0000	0.0 N	10.0000	50.0000	20.0000
342F	1.0000L	0.0 N	15.0000	70.0000	15.0000	30.0000	0.0 N	20.0000	30.0000	10.0000
343F	1.0000	0.0 N	15.0000	70.0000	10.0000	15.0000	0.0 N	15.0000	50.0000	20.0000
344F	2.0000	0.0 N	15.0000	70.0000	5.0000	50.0000	5.0000L	15.0000	30.0000	30.0000
345F	1.0000L	0.0 N	15.0000	70.0000	15.0000	100.0000	0.0 N	10.0000	50.0000	10.0000
346F	0.0 N	0.0 N	15.0000	150.0000	20.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
347F	1.0000L	0.0 N	15.0000	70.0000	30.0000	70.0000	0.0 N	10.0000	50.0000	20.0000
348F	1.0000	0.0 N	10.0000	50.0000	5.0000	70.0000	0.0 N	15.0000	30.0000	30.0000
349F	1.0000L	0.0 N	15.0000	100.0000	20.0000	30.0000	5.0000L	15.0000	50.0000	30.0000
350F	0.0 N	0.0 N	15.0000	100.0000	5.0000L	30.0000	0.0 N	2.0000L	30.0000	20.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
301F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
302F	0.0 N	50.0000	0.0 N	200.0000	200.0000	0.0 N	70.0000	200.0000L	200.0000
303F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
304F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
305F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	50.0000	200.0000L	300.0000
306F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
307F	0.0 N	20.0000	0.0 N	200.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000
308F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
309F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
310F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
311F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
312F	0.0 N	30.0000	0.0 N	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L
313F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	20.0000	200.0000L	200.0000
314F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
315F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
316F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
317F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000	150.0000
318F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
319F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
320F	0.0 N	30.0000	0.0 N	500.0000	300.0000	0.0 N	30.0000	0.0 N	150.0000
321F	0.0 N	30.0000	0.0 N	500.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
322F	0.0 N	20.0000	0.0 N	300.0000	300.0000	0.0 N	20.0000	0.0 N	200.0000
323F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	200.0000
324F	0.0 N	30.0000	0.0 N	500.0000	300.0000	0.0 N	30.0000	200.0000L	200.0000
325F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
326F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	200.0000L	200.0000
327F	0.0 N	10.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
328F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	200.0000L	200.0000
329F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	200.0000L	200.0000
330F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	500.0000
331F	0.0 N	20.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	100.0000
332F	0.0 N	30.0000	0.0 N	500.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
333F	0.0 N	2.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	500.0000
334F	0.0 N	20.0000	0.0 N	700.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
335F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	800.0000
336F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	200.0000
337F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
338F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
339F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
340F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	200.0000
341F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	200.0000
342F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	50.0000	200.0000L	300.0000
343F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	200.0000L	200.0000
344F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	200.0000
345F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	200.0000
346F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
347F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
348F	0.0 N	7.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	300.0000
349F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	70.0000
350F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	15.0000	0.0 N	100.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
351F	5.0000	2.0000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200	20.0000	700.0000
352F	10.0000	3.0000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
353F	10.0000	3.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
354F	5.0000	2.0000	2.0000	0.2000	700.0000	0.0 N	0.0 N	0.0200	30.0000	1000.0000
355F	5.0000	1.5000	2.0000	0.2000	500.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
356F	3.1000	1.0000	2.0000	0.1500	500.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
357F	5.0000	1.5000	2.0000	0.2000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
358F	5.0000	2.0000	2.0000	0.2000	1000.0000	0.0 N	200.0000L	0.0200L	20.0000	700.0000
359F	3.0000	1.5000	1.0000	0.2000	500.0000	0.0 N	0.0 N	0.0200L	15.0000	500.0000
360F	3.0000	1.5000	1.5000	0.2000	700.0000	0.0 N	200.0000L	0.0200L	20.0000	500.0000
361F	5.0000	1.5000	1.5000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
362F	5.0000	2.0000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
363F	5.0000	15.0000	2.0000	0.2000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
364F	5.0000	2.0000	2.0000	0.1500	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
365F	7.0000	2.0000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
366F	5.0000	2.0000	2.0000	0.2000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
367F	3.0000	1.0000	1.5000	0.2000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
368F	3.0000	0.7000	1.5000	0.1500	500.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
369F	3.0000	0.7000	0.7000	0.1500	500.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
370F	5.0000	1.5000	2.0000	0.2000	500.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
371F	3.0000	1.0000	1.0000	0.2000	500.0000	0.5000L	0.0 N	0.0200L	20.0000	700.0000
372F	3.0000	0.3000	1.0000	0.1000	500.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
373F	5.0000	1.5000	1.5000	0.2000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
374F	7.0000	1.5000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
375F	7.0000	2.0000	1.5000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
376F	7.0000	1.5000	1.5000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
377F	10.0000	2.0000	2.0000	0.7000	3000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
378F	5.0000	2.0000	1.5000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
379F	7.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
380F	7.0000	3.0000	2.0000	0.7000	3000.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
381F	5.0000	2.0000	1.5000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
382F	5.0000	2.0000	3.0000	0.5000	1000.0000	1.5000	0.0 N	0.0200L	30.0000	1500.0000
383F	7.0000	2.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
384F	10.0000	3.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
385F	5.0000	3.0000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
386F	7.0000	2.0000	2.0000	0.7000	300.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
387F	7.0000	3.0000	3.0000	1.0000	300.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
388F	7.0000	3.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
389F	5.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
390F	5.0000	2.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
391F	3.0000	1.5000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	1500.0000
392F	5.0000	3.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
393F	7.0000	3.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
394F	7.0000	3.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
395F	7.0000	2.0000	2.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
396F	15.0000	5.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	50.0000	1000.0000
397F	3.0000	1.5000	3.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	0.0 N	1000.0000
398F	7.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
399F	7.0000	5.0000	7.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
400F	7.0000	3.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
351F	1.5000	0.0 N	15.0000	100.0000	20.0000	70.0000	0.0 N	10.0000	50.0000	50.0000
352F	1.5000	0.0 N	20.0000	100.0000	15.0000	100.0000	0.0 N	10.0000	50.0000	50.0000
353F	0.0 N	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	30.0000
354F	1.5000	0.0 N	15.0000	100.0000	20.0000	70.0000	0.0 N	10.0000	50.0000	50.0000
355F	1.0000	0.0 N	15.0000	100.0000	15.0000	70.0000	0.0 N	2.0000L	30.0000	30.0000
356F	1.0000L	0.0 N	10.0000	70.0000	5.0000	70.0000	0.0 N	2.0000L	30.0000	15.0000
357F	1.5000	0.0 N	15.0000	100.0000	20.0000	50.0000	5.0000L	2.0000L	30.0000	30.0000
358F	1.0000	0.0 N	20.0000	100.0000	10.0000	50.0000	5.0000L	10.0000	50.0000	20.0000
359F	1.0000	0.0 N	10.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	20.0000
360F	1.5000	0.0 N	15.0000	70.0000	10.0000	30.0000	0.0 N	10.0000	30.0000	20.0000
361F	0.0 N	0.0 N	15.0000	100.0000	15.0000	50.0000	0.0 N	10.0000	30.0000	30.0000
362F	1.0000L	0.0 N	15.0000	100.0000	20.0000	30.0000	0.0 N	2.0000L	70.0000	20.0000
363F	1.5000	0.0 N	15.0000	100.0000	20.0000	50.0000	5.0000L	10.0000	50.0000	20.0000
364F	1.5000	0.0 N	15.0000	100.0000	30.0000	50.0000	5.0000L	15.0000	30.0000	20.0000
365F	1.0000	0.0 N	20.0000	150.0000	20.0000	70.0000	0.0 N	15.0000	50.0000	20.0000
366F	1.5000	0.0 N	15.0000	100.0000	15.0000	150.0000	0.0 N	15.0000	30.0000	20.0000
367F	1.5000	0.0 N	15.0000	70.0000	5.0000L	70.0000	5.0000L	10.0000	30.0000	20.0000
368F	2.0000	0.0 N	10.0000	50.0000	5.0000L	70.0000	5.0000L	10.0000	20.0000	30.0000
369F	1.5000	0.0 N	10.0000	50.0000	5.0000	50.0000	5.0000L	10.0000	20.0000	30.0000
370F	1.5000	0.0 N	10.0000	70.0000	7.0000	70.0000	0.0 N	2.0000L	50.0000	50.0000
371F	3.0000	0.0 N	15.0000	100.0000	15.0000	50.0000	5.0000L	10.0000	30.0000	50.0000
372F	2.0000	0.0 N	10.0000	20.0000	10.0000	20.0000	0.0 N	2.0000L	7.0000	30.0000
373F	1.5000	0.0 N	15.0000	70.0000	15.0000	70.0000	5.0000L	10.0000	30.0000	30.0000
374F	1.0000	0.0 N	15.0000	100.0000	10.0000	20.0000	5.0000L	10.0000	30.0000	15.0000
375F	1.5000	0.0 N	15.0000	150.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	30.0000
376F	1.5000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	10.0000	50.0000	50.0000
377F	1.0000	0.0 N	30.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
378F	1.0000L	0.0 N	15.0000	150.0000	20.0000	30.0000	0.0 N	2.0000L	70.0000	15.0000
379F	1.0000L	0.0 N	30.0000	150.0000	15.0000	20.0000	0.0 N	10.0000	100.0000	15.0000
380F	1.0000	0.0 N	70.0000	300.0000	30.0000	20.0000	0.0 N	2.0000L	150.0000	20.0000
381F	1.0000L	0.0 N	30.0000	150.0000	10.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
382F	1.5000	0.0 N	30.0000	150.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
383F	1.0000	0.0 N	30.0000	150.0000	50.0000	30.0000	0.0 N	2.0000L	70.0000	15.0000
384F	1.0000L	0.0 N	70.0000	300.0000	30.0000	30.0000	0.0 N	10.0000	100.0000	20.0000
385F	1.0000L	0.0 N	30.0000	150.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
386F	1.5000	0.0 N	70.0000	150.0000	50.0000	20.0000	0.0 N	2.0000L	70.0000	15.0000
387F	1.0000	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
388F	1.0000L	0.0 N	20.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	50.0000	10.0000
389F	1.0000	0.0 N	30.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
390F	1.0000	0.0 N	20.0000	100.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
391F	1.0000	0.0 N	15.0000	100.0000	20.0000	20.0000L	0.0 N	10.0000	70.0000	15.0000
392F	1.0000	0.0 N	15.0000	100.0000	20.0000	150.0000	0.0 N	10.0000	70.0000	15.0000
393F	1.5000	0.0 N	15.0000	150.0000	15.0000	20.0000	0.0 N	10.0000	50.0000	20.0000
394F	1.5000	0.0 N	20.0000	200.0000	15.0000	30.0000	0.0 N	2.0000L	70.0000	20.0000
395F	1.0000	0.0 N	20.0000	150.0000	20.0000	30.0000	0.0 N	10.0000	50.0000	30.0000
396F	1.0000L	0.0 N	70.0000	300.0000	30.0000	70.0000	0.0 N	20.0000	100.0000	15.0000
397F	1.0000	0.0 N	10.0000	30.0000	7.0000	20.0000L	0.0 N	2.0000L	20.0000	15.0000
398F	1.0000L	0.0 N	30.0000	150.0000	30.0000	70.0000	0.0 N	15.0000	70.0000	15.0000
399F	1.0000L	0.0 N	30.0000	300.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
400F	1.5000	0.0 N	30.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
351F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
352F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
353F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	20.0000	200.0000L	300.0000
354F	0.0 N	20.0000	0.0 N	300.0000	100.0000	0.0 N	30.0000	0.0 N	100.0000
355F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	200.0000
356F	0.0 N	15.0000	0.0 N	200.0000	100.0000	0.0 N	20.0000	0.0 N	200.0000
357F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
358F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
360F	0.0 N	15.0000	0.0 N	100.0000	100.0000	0.0 N	30.0000	0.0 N	100.0000
361F	0.0 N	15.0000	0.0 N	150.0000	100.0000	0.0 N	20.0000	0.0 N	200.0000
362F	0.0 N	20.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
363F	0.0 N	20.0000	0.0 N	200.0000	100.0000	0.0 N	30.0000	200.0000L	200.0000
364F	0.0 N	20.0000	0.0 N	300.0000	100.0000	0.0 N	30.0000	200.0000L	100.0000
365F	0.0 N	20.0000	0.0 N	200.0000	100.0000	0.0 N	30.0000	0.0 N	150.0000
366F	0.0 N	20.0000	0.0 N	300.0000	100.0000	0.0 N	50.0000	200.0000L	70.0000
367F	0.0 N	15.0000	0.0 N	300.0000	100.0000	0.0 N	20.0000	200.0000L	100.0000
368F	0.0 N	7.0000	0.0 N	500.0000	100.0000	0.0 N	15.0000	200.0000L	200.0000
369F	0.0 N	7.0000	0.0 N	500.0000	100.0000	0.0 N	10.0000	0.0 N	100.0000
370F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
371F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
372F	0.0 N	7.0000	0.0 N	150.0000	50.0000	0.0 N	30.0000	200.0000L	70.0000
373F	0.0 N	15.0000	0.0 N	500.0000	100.0000	0.0 N	30.0000	200.0000L	150.0000
374F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
375F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	500.0000
376F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	300.0000
377F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
378F	0.0 N	15.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	200.0000L	150.0000
379F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
380F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	300.0000	700.0000
381F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	200.0000L	200.0000
382F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	50.0000	0.0 N	300.0000
383F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
384F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
385F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
386F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	0.0 N	200.0000
387F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
388F	0.0 N	30.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	100.0000
389F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
390F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	200.0000
391F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
392F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
393F	0.0 N	20.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	700.0000
394F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
395F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
396F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	50.0000	0.0 N	500.0000
397F	0.0 N	15.0000	0.0 N	200.0000	150.0000	0.0 N	15.0000	0.0 N	200.0000
398F	0.0 N	30.0000	0.0 N	200.0000	150.0000	0.0 N	30.0000	0.0 N	200.0000
399F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
400F	0.0 N	2.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	300.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
401F	10.0000	3.0000	3.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	500.0000
402F	7.0000	3.0000	5.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
403F	15.0000	7.0000	10.0000	1.0000	2000.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
404F	10.0000	5.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	500.0000
405F	7.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
406F	10.0000	7.0000	7.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
407F	15.0000	7.0000	10.0000	1.0000	2000.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
408F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
409F	7.0000	3.0000	3.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
410F	7.0000	3.0000	5.0000	0.7000	1000.0000	0.5000	0.0 N	0.0200L	10.0000L	700.0000
411F	5.0000	2.0000	2.0000	0.7000	300.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
412F	10.0000	3.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
413F	7.0000	2.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
414F	7.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
415F	5.0000	1.5000	3.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
416F	7.0000	2.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
417F	7.0000	2.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
418F	7.0000	1.5000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	0.0 N	300.0000
419F	7.0000	2.0000	1.5000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
420F	7.0000	1.5000	1.5000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
421F	5.0000	2.0000	2.0000	0.5000	1500.0000	0.5000L	0.0 N	0.0200L	30.0000	700.0000
422F	3.0000	1.5000	1.5000	0.3000	300.0000	0.0 N	0.0 N	0.0400	0.0 N	500.0000
423F	7.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
424F	5.0000	2.0000	2.0000	0.7000	1500.0000	0.5000	0.0 N	0.0200L	10.0000	1000.0000
425F	3.0000	1.5000	1.5000	0.3000	300.0000	0.0 N	0.0 N	0.0200L	20.0000	1000.0000
426F	20.0000	2.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
427F	10.0000	3.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
428F	7.0000	3.0000	3.0000	0.7000	100.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
429F	7.0000	1.5000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
430F	7.0000	3.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
431F	5.0000	1.5000	1.5000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
432F	15.0000	3.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
433F	7.0000	2.0000	3.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
434F	10.0000	3.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
435F	7.0000	2.0000	3.0000	0.5000	2000.0000	0.0 N	0.0 N	0.0200L	15.0000	500.0000
436F	7.0000	3.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
437F	7.0000	2.0000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
438F	7.0000	3.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
439F	5.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	10.0000	300.0000
440F	5.0000	1.5000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	300.0000
441F	7.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	300.0000
442F	7.0000	1.5000	2.0000	0.5000	2000.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
443F	7.0000	1.5000	2.0000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
444F	10.0000	3.0000	3.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	1000.0000
445F	5.0000	1.5000	1.5000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
446F	10.0000	1.5000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
447F	7.0000	3.0000	5.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	50.0000	1500.0000
448F	5.0000	2.0000	2.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
449F	10.0000	1.5000	2.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
450F	5.0000	1.5000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE *

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
401F	1.0000L	0.0 N	50.0000	200.0000	15.0000	30.0000	0.0 N	20.0000	70.0000	15.0000
402F	1.0000L	0.0 N	20.0000	150.0000	15.0000	20.0000L	0.0 N	10.0000	70.0000	10.0000
403F	1.0000L	0.0 N	70.0000	200.0000	20.0000	30.0000	0.0 N	2.0000L	70.0000	15.0000
404F	0.0 N	0.0 N	20.0000	150.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	10.0000L
405F	1.0000L	0.0 N	15.0000	100.0000	7.0000	20.0000L	0.0 N	10.0000	70.0000	15.0000
406F	1.0000L	0.0 N	50.0000	200.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	10.0000
407F	1.0000L	0.0 N	70.0000	300.0000	70.0000	30.0000	0.0 N	2.0000L	70.0000	10.0000
408F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
409F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	5.0000	10.0000	50.0000	10.0000
410F	1.0000L	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
411F	1.0000L	0.0 N	15.0000	150.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
412F	1.0000L	0.0 N	30.0000	70.0000	15.0000	20.0000	0.0 N	10.0000	50.0000	10.0000
413F	1.0000	0.0 N	50.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
414F	1.0000L	0.0 N	20.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
415F	1.0000L	0.0 N	15.0000	30.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	15.0000
416F	1.0000	0.0 N	20.0000	150.0000	30.0000	50.0000	0.0 N	15.0000	70.0000	30.0000
417F	1.0000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
418F	0.0 N	0.0 N	15.0000	100.0000	15.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000L
419F	1.0000L	0.0 N	30.0000	70.0000	30.0000	20.0000L	0.0 N	10.0000	50.0000	10.0000
420F	1.0000L	0.0 N	15.0000	150.0000	15.0000	20.0000L	0.0 N	2.0000L	70.0000	15.0000
421F	1.5000	0.0 N	30.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	50.0000
422F	0.0 N	0.0 N	10.0000	70.0000	7.0000	0.0 N	0.0 N	2.0000L	30.0000	30.0000
423F	1.0000L	0.0 N	15.0000	70.0000	10.0000	20.0000	0.0 N	15.0000	30.0000	15.0000
424F	1.0000	0.0 N	15.0000	70.0000	50.0000	30.0000	0.0 N	10.0000	70.0000	100.0000
425F	1.0000L	0.0 N	10.0000	70.0000	15.0000	30.0000	0.0 N	2.0000L	30.0000	30.0000
426F	1.0000L	0.0 N	20.0000	300.0000	15.0000	200.0000	0.0 N	20.0000	70.0000	15.0000
427F	1.5000	0.0 N	15.0000	100.0000	20.0000	300.0000	0.0 N	15.0000	50.0000	70.0000
428F	1.5000	0.0 N	15.0000	70.0000	15.0000	20.0000	0.0 N	15.0000	30.0000	30.0000
429F	1.0000L	0.0 N	30.0000	70.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000	70.0000
430F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000L	5.0000L	10.0000	30.0000	50.0000
431F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	7.0000	2.0000L	30.0000	15.0000
432F	1.0000	0.0 N	20.0000	100.0000	20.0000	20.0000	0.0 N	15.0000	70.0000	10.0000L
433F	1.5000	0.0 N	10.0000	70.0000	15.0000	50.0000	0.0 N	2.0000L	30.0000	15.0000
434F	1.5000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	15.0000	30.0000	10.0000
435F	1.0000L	0.0 N	20.0000	70.0000	15.0000	20.0000L	0.0 N	10.0000	50.0000	10.0000
436F	1.0000	0.0 N	20.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
437F	1.0000L	0.0 N	20.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
438F	1.0000L	0.0 N	15.0000	150.0000	15.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
439F	1.0000L	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
440F	1.0000L	0.0 N	20.0000	100.0000	30.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
441F	1.0000L	0.0 N	20.0000	100.0000	20.0000	20.0000L	0.0 N	10.0000	70.0000	10.0000
442F	1.0000L	0.0 N	15.0000	70.0000	20.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
443F	1.0000L	0.0 N	10.0000	100.0000	30.0000	20.0000	0.0 N	2.0000L	50.0000	10.0000L
444F	1.0000	0.0 N	15.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
445F	1.0000L	0.0 N	5.0000L	30.0000	70.0000	20.0000L	0.0 N	2.0000L	15.0000	15.0000
446F	1.5000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	20.0000	30.0000	20.0000
447F	1.0000	0.0 N	15.0000	150.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
448F	1.0000L	0.0 N	10.0000	150.0000	15.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
449F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	0.0 N	10.0000	30.0000	10.0000
450F	1.0000L	0.0 N	15.0000	150.0000	20.0000	30.0000	0.0 N	2.0000L	70.0000	10.0000L

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE *

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
401F	1.0000L	0.0 N	50.0000	200.0000	15.0000	30.0000	0.0 N	20.0000	70.0000	15.0000
402F	1.0000L	0.0 N	20.0000	150.0000	15.0000	20.0000L	0.0 N	10.0000	70.0000	10.0000
403F	1.0000L	0.0 N	70.0000	200.0000	20.0000	30.0000	0.0 N	2.0000L	70.0000	15.0000
404F	0.0 N	0.0 N	20.0000	150.0000	15.0000	20.0000	0.0 N	10.0000	70.0000	10.0000L
405F	1.0000L	0.0 N	15.0000	100.0000	7.0000	20.0000L	0.0 N	10.0000	70.0000	15.0000
406F	1.0000L	0.0 N	50.0000	200.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	10.0000
407F	1.0000L	0.0 N	70.0000	300.0000	70.0000	30.0000	0.0 N	2.0000L	70.0000	10.0000
408F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
409F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	5.0000	10.0000	50.0000	10.0000
410F	1.0000L	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
411F	1.0000L	0.0 N	15.0000	150.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
412F	1.0000L	0.0 N	30.0000	70.0000	15.0000	20.0000	0.0 N	10.0000	50.0000	10.0000
413F	1.0000	0.0 N	50.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
414F	1.0000L	0.0 N	20.0000	150.0000	50.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
415F	1.0000L	0.0 N	15.0000	30.0000	15.0000	20.0000	0.0 N	2.0000L	30.0000	15.0000
416F	1.0000	0.0 N	20.0000	150.0000	30.0000	50.0000	0.0 N	15.0000	70.0000	30.0000
417F	1.0000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
418F	0.0 N	0.0 N	15.0000	100.0000	15.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000L
419F	1.0000L	0.0 N	30.0000	70.0000	30.0000	20.0000L	0.0 N	10.0000	50.0000	10.0000
420F	1.0000L	0.0 N	15.0000	150.0000	15.0000	20.0000L	0.0 N	2.0000L	70.0000	15.0000
421F	1.5000	0.0 N	30.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	50.0000
422F	0.0 N	0.0 N	10.0000	70.0000	7.0000	0.0 N	0.0 N	2.0000L	30.0000	30.0000
423F	1.0000L	0.0 N	15.0000	70.0000	10.0000	20.0000	0.0 N	[illegible]	30.0000	15.0000
424F	1.0000	0.0 N	15.0000	70.0000	50.0000	30.0000	0.0 N	[illegible]	70.0000	100.0000
425F	1.0000L	0.0 N	10.0000	70.0000	15.0000	30.0000	0.0 N	2.0000L	30.0000	30.0000
426F	1.0000L	0.0 N	20.0000	300.0000	15.0000	200.0000	0.0 N	20.0000	70.0000	15.0000
427F	1.5000	0.0 N	15.0000	100.0000	20.0000	300.0000	0.0 N	15.0000	50.0000	70.0000
428F	1.5000	0.0 N	15.0000	70.0000	15.0000	20.0000	0.0 N	15.0000	30.0000	30.0000
429F	1.0000L	0.0 N	30.0000	70.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000	70.0000
430F	1.0000	0.0 N	15.0000	70.0000	20.0000	20.0000L	5.0000L	10.0000	30.0000	50.0000
431F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	7.0000	2.0000L	30.0000	15.0000
432F	1.0000	0.0 N	20.0000	100.0000	20.0000	20.0000	0.0 N	15.0000	70.0000	10.0000L
433F	1.5000	0.0 N	10.0000	70.0000	15.0000	50.0000	0.0 N	2.0000L	30.0000	15.0000
434F	1.5000	0.0 N	15.0000	100.0000	15.0000	30.0000	0.0 N	15.0000	30.0000	10.0000
435F	1.0000L	0.0 N	20.0000	70.0000	15.0000	20.0000L	0.0 N	10.0000	50.0000	10.0000
436F	1.0000	0.0 N	20.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	15.0000
437F	1.0000L	0.0 N	20.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
438F	1.0000L	0.0 N	15.0000	150.0000	15.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
439F	1.0000L	0.0 N	15.0000	100.0000	15.0000	20.0000	0.0 N	2.0000L	70.0000	10.0000
440F	1.0000L	0.0 N	20.0000	100.0000	30.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
441F	1.0000L	0.0 N	20.0000	100.0000	20.0000	20.0000L	0.0 N	10.0000	70.0000	10.0000
442F	1.0000L	0.0 N	15.0000	70.0000	20.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
443F	1.0000L	0.0 N	10.0000	100.0000	30.0000	20.0000	0.0 N	2.0000L	50.0000	10.0000L
444F	1.0000	0.0 N	15.0000	150.0000	30.0000	20.0000	0.0 N	10.0000	70.0000	10.0000
445F	1.0000L	0.0 N	5.0000L	30.0000	70.0000	20.0000L	0.0 N	2.0000L	15.0000	15.0000
446F	1.5000	0.0 N	15.0000	70.0000	20.0000	20.0000	0.0 N	20.0000	30.0000	20.0000
447F	1.0000	0.0 N	15.0000	150.0000	30.0000	30.0000	0.0 N	10.0000	70.0000	15.0000
448F	1.0000L	0.0 N	10.0000	150.0000	15.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
449F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000L	0.0 N	10.0000	30.0000	10.0000
450F	1.0000L	0.0 N	15.0000	150.0000	20.0000	30.0000	0.0 N	2.0000L	70.0000	10.0000L

* Note that the right-most zero digits of each data value may or may not be significant.

TABLE 1. STRM SED SAMP EAGLE*

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
401F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	300.0000
402F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	70.0000
403F	0.0 N	50.0000	0.0 N	700.0000	500.0000	0.0 N	30.0000	200.0000L	100.0000
404F	0.0 N	50.0000	0.0 N	300.0000	700.0000	0.0 N	50.0000	0.0 N	150.0000
405F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	20.0000	0.0 N	70.0000
406F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	20.0000	200.0000L	200.0000
407F	0.0 N	50.0000	0.0 N	700.0000	500.0000	0.0 N	20.0000	200.0000L	200.0000
408F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
409F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	70.0000
410F	0.0 N	30.0000	0.0 N	500.0000	300.0000	0.0 N	30.0000	0.0 N	150.0000
411F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	300.0000
412F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	20.0000	200.0000L	100.0000
413F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	15.0000	200.0000L	150.0000
414F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
415F	0.0 N	15.0000	0.0 N	200.0000	200.0000	0.0 N	15.0000	200.0000L	70.0000
416F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	50.0000	0.0 N	500.0000
417F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
418F	0.0 N	15.0000	0.0 N	150.0000	200.0000	0.0 N	15.0000	0.0 N	70.0000
419F	0.0 N	20.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
420F	0.0 N	15.0000	0.0 N	150.0000	150.0000	0.0 N	15.0000	0.0 N	300.0000
421F	0.0 N	30.0000	0.0 N	500.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
422F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	10.0000L	0.0 N	150.0000
423F	0.0 N	20.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
424F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	200.0000L	200.0000
425F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	10.0000	0.0 N	150.0000
426F	0.0 N	30.0000	0.0 N	500.0000	1000.0000	0.0 N	100.0000	200.0000L	700.0000
427F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	50.0000	0.0 N	300.0000
428F	0.0 N	30.0000	0.0 N	500.0000	200.0000	0.0 N	50.0000	0.0 N	150.0000
429F	0.0 N	20.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	300.0000
430F	0.0 N	20.0000	0.0 N	500.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
431F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	70.0000
432F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	50.0000	0.0 N	300.0000
433F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	200.0000L	100.0000
434F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	70.0000	200.0000L	100.0000
435F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	200.0000
436F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
437F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
438F	0.0 N	30.0000	0.0 N	150.0000	300.0000	0.0 N	30.0000	0.0 N	150.0000
439F	0.0 N	20.0000	0.0 N	300.0000	200.0000	0.0 N	20.0000	0.0 N	200.0000
440F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	20.0000	0.0 N	100.0000
441F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	20.0000	0.0 N	300.0000
442F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	15.0000	0.0 N	100.0000
443F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	0.0 N	200.0000
444F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	0.0 N	700.0000
445F	0.0 N	7.0000	0.0 N	300.0000	70.0000	0.0 N	10.0000L	0.0 N	100.0000
446F	0.0 N	15.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
447F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000
448F	0.0 N	20.0000	0.0 N	200.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
449F	0.0 N	20.0000	0.0 N	300.0000	300.0000	0.0 N	20.0000	200.0000L	150.0000
450F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000

* Note that the right-most zero digits of each data value may or may not be significant.

FREQUENCY TABLE FOR COLUMN 1 (FE PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E-02 -	5.6E-02	0	0	0.0	0.0
5.6E-02 -	8.3E-02	0	0	0.0	0.0
8.3E-02 -	1.2E-01	0	0	0.0	0.0
1.2E-01 -	1.8E-01	0	0	0.0	0.0
1.8E-01 -	2.6E-01	0	0	0.0	0.0
2.6E-01 -	3.8E-01	0	0	0.0	0.0
3.8E-01 -	5.6E-01	0	0	0.0	0.0
5.6E-01 -	8.3E-01	0	0	0.0	0.0
8.3E-01 -	1.2E 00	0	0	0.0	0.0
1.2E 00 -	1.8E 00	0	0	0.0	0.0
1.8E 00 -	2.6E 00	1	1	0.22	0.22
2.6E 00 -	3.8E 00	53	54	11.83	12.05
3.8E 00 -	5.6E 00	123	177	27.46	39.51
5.6E 00 -	8.3E 00	153	330	34.15	73.66
8.3E 00 -	1.2E 01	65	395	14.51	88.17
1.2E 01 -	1.8E 01	49	444	10.94	99.11
1.8E 01 -	2.6E 01	3	447	0.67	99.78

EXPLANATION

3.0E-00 means 3.0×10^{0} or 3.0
5.0E-00 means 5.0×10^{0} or 5.0
7.0E-00 means 7.0×10^{0} or 7.0
1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20

HISTOGRAM FOR COLUMN 1 (FE PCT) X = 1%

```
3.0E 00 XXXXXXXXXXXX

5.0E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXX

7.0E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1.0E 01 XXXXXXXXXXXXXXX

1.5E 01 XXXXXXXXXXX

2.0E 01 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	1	447
0.0	0.0			0.0	0.22	

MAXIMUM = 2.00000E 01

MINIMUM = 2.00000E 00

GEOMETRIC MEAN = 6.63563E 00

GEOMETRIC DEVIATION = 1.57652E 00

FREQUENCY TABLE FOR COLUMN 2 (MG PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E-02 -	2.6E-02	0	0	0.0	0.0
2.6E-02 -	3.8E-02	0	0	0.0	0.0
3.8E-02 -	5.6E-02	0	0	0.0	0.0
5.6E-02 -	8.3E-02	0	0	0.0	0.0
8.3E-02 -	1.2E-01	0	0	0.0	0.0
1.2E-01 -	1.8E-01	0	0	0.0	0.0
1.8E-01 -	2.6E-01	0	0	0.0	0.0
2.6E-01 -	3.8E-01	1	1	0.22	0.22
3.8E-01 -	5.6E-01	2	3	0.45	0.67
5.6E-01 -	8.3E-01	10	13	2.23	2.90
8.3E-01 -	1.2E 00	15	28	3.35	6.25
1.2E 00 -	1.8E 00	141	169	31.47	37.72
1.8E 00 -	2.6E 00	145	314	32.37	70.09
2.6E 00 -	3.8E 00	102	416	22.77	92.86
3.8E 00 -	5.6E 00	22	438	4.91	97.77
5.6E 00 -	8.3E 00	8	446	1.79	99.55
8.3E 00 -	1.2E 01	0	446	0.0	99.55
1.2E 01 -	1.8E 01	2	448	0.45	100.00

HISTOGRAM FOR COLUMN 2 (MG PCT) X = 1%

```
7.0E-01 XX
1.0E 00 XXX
1.5E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.0E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.0E 00 XXXXXXXXXXXXXXXXXXXXXX
5.0E 00 XXXXX
7.0E 00 XX
1.0E 01
1.5E 01
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	0	448
0.0	0.0			0.0	0.0	

MAXIMUM = 1.50000E 01

MINIMUM = 3.00000E-01

GEOMETRIC MEAN = 2.04256E 00

GEOMETRIC DEVIATION = 1.57814E 00

EXPLANATION

7.0E-01 means 7.0×10^{-1} or 0.7
1.0E-00 means 1.0×10^{0} or 1.0
1.5E-00 means 1.5×10^{0} or 1.5
2.0E-00 means 2.0×10^{0} or 2.0
3.0E-00 means 3.0×10^{0} or 3.0
5.0E-00 means 5.0×10^{0} or 5.0
7.0E-00 means 7.0×10^{0} or 7.0
1.0E-01 means 1.0×10^{1} or 10.0
1.5E-01 means 1.5×10^{1} or 15.0

FREQUENCY TABLE FOR COLUMN 3 (CA PCT)

LIMITS LOWER	~ UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E-02 ~	5.6E-02	0	0	0.0	0.0
5.6E-02 ~	8.3E-02	0	0	0.0	0.0
8.3E-02 ~	1.2E-01	0	0	0.0	0.0
1.2E-01 ~	1.8E-01	2	2	0.45	0.45
1.8E-01 ~	2.6E-01	1	3	0.22	0.67
2.6E-01 ~	3.8E-01	5	8	1.12	1.79
3.8E-01 ~	5.6E-01	3	11	0.67	2.46
5.6E-01 ~	8.3E-01	11	22	2.46	4.91
8.3E-01 ~	1.2E 00	29	51	6.47	11.38
1.2E 00 ~	1.8E 00	85	136	18.97	30.36
1.8E 00 ~	2.6E 00	132	268	29.46	59.82
2.6E 00 ~	3.8E 00	114	382	25.45	85.27
3.8E 00 ~	5.6E 00	39	421	8.71	93.97
5.6E 00 ~	8.3E 00	23	444	5.13	99.11
8.3E 00 ~	1.2E 01	4	448	0.89	100.00

EXPLANATION

3.0E-01 means 3.0×10^{-1} or 0.3
5.0E-01 means 5.0×10^{-1} or 0.5
7.0E-01 means 7.0×10^{-1} or 0.7
1.0E-00 means 1.0×10^{0} or 1.0
1.5E-00 means 1.5×10^{0} or 1.5
2.0E-00 means 2.0×10^{0} or 2.0
3.0E-00 means 3.0×10^{0} or 3.0
5.0E-00 means 5.0×10^{0} or 5.0
7.0E-00 means 7.0×10^{0} or 7.0
1.0E-01 means 7.0×10^{1} or 10.0

HISTOGRAM FOR COLUMN 3 (CA PCT) X = 1%

```
3.0E-01 X

5.0E-01 X

7.0E-01 XX

1.0E 00 XXXXXX

1.5E 00 XXXXXXXXXXXXXXXXXX

2.0E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 00 XXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 00 XXXXXXXXX

7.0E 00 XXXXX

1.0E 01 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	0	448
0.0	0.0			0.0	0.0	

MAXIMUM = 1.00000E 01

MINIMUM = 1.50000E-01

GEOMETRIC MEAN = 2.18666E 00

GEOMETRIC DEVIATION = 1.85259E 00

FREQUENCY TABLE FOR COLUMN 4 (TI PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E-04 -	1.2E-03	0	0	0.0	0.0
1.2E-03 -	1.8E-03	0	0	0.0	0.0
1.8E-03 -	2.6E-03	0	0	0.0	0.0
2.6E-03 -	3.8E-03	0	0	0.0	0.0
3.8E-03 -	5.6E-03	0	0	0.0	0.0
5.6E-03 -	8.3E-03	0	0	0.0	0.0
8.3E-03 -	1.2E-02	0	0	0.0	0.0
1.2E-02 -	1.8E-02	0	0	0.0	0.0
1.8E-02 -	2.6E-02	0	0	0.0	0.0
2.6E-02 -	3.8E-02	0	0	0.0	0.0
3.8E-02 -	5.6E-02	0	0	0.0	0.0
5.6E-02 -	8.3E-02	0	0	0.0	0.0
8.3E-02 -	1.2E-01	1	1	0.22	0.22
1.2E-01 -	1.8E-01	8	9	1.79	2.01
1.8E-01 -	2.6E-01	16	25	3.57	5.58
2.6E-01 -	3.8E-01	41	66	9.15	14.73
3.8E-01 -	5.6E-01	76	142	16.96	31.70
5.6E-01 -	8.3E-01	152	294	33.93	65.63
8.3E-01 -	1.2E 00	96	390	21.43	87.05
1.2E 00 -	1.8E 00	0	390	0.0	87.05
1.8E 00 -	2.6E 00	0	390	0.0	87.05
2.6E 00 -	3.8E 00	2	392	0.45	87.50
3.8E 00 -	5.6E 00	2	394	0.45	87.95
5.6E 00 -	8.3E 00	0	394	0.0	87.95
8.3E 00 -	1.2E 01	1	395	0.22	88.17

EXPLANATION

1.5E-01 means 1.5×10^{-1} or .15
2.0E-01 means 2.0×10^{-1} or .2
3.0E-01 means 3.0×10^{-1} or .3
5.0E-01 means 5.0×10^{-1} or .5
7.0E-01 means 7.0×10^{-1} or .7
1.0E-00 means 1.0×10^{0} or 1.0

HISTOGRAM FOR COLUMN 4 (TI PCT) X = 1%

```
1.5E-01 XX
2.0E-01 XXXX
3.0E-01 XXXXXXXXX
5.0E-01 XXXXXXXXXXXXXXXXX
7.0E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.0E 00 XXXXXXXXXXXXXXXXXXXXX
1.5E 00
2.0E 00
3.0E 00
5.0E 00
7.0E 00
1.0E 01
```

MAXIMUM = 1.10000E 01

MINIMUM = 1.00000E-01

GEOMETRIC MEAN = 6.15551E-01

GEOMETRIC DEVIATION = 1.70088E 00

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	53	395
0.0	0.0			0.0	11.83	

FREQUENCY TABLE FOR COLUMN 5 (MN PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	0	0	0.0	0.0
3.8E 01 -	5.6E 01	0	0	0.0	0.0
5.6E 01 -	8.3E 01	0	0	0.0	0.0
8.3E 01 -	1.2E 02	1	1	0.22	0.22
1.2E 02 -	1.8E 02	0	1	0.0	0.22
1.8E 02 -	2.6E 02	0	1	0.0	0.22
2.6E 02 -	3.8E 02	12	13	2.68	2.90
3.8E 02 -	5.6E 02	39	52	8.71	11.61
5.6E 02 -	8.3E 02	148	200	33.04	44.64
8.3E 02 -	1.2E 03	114	314	25.45	70.09
1.2E 03 -	1.8E 03	104	418	23.21	93.30
1.8E 03 -	2.6E 03	17	435	3.79	97.10
2.6E 03 -	3.8E 03	9	444	2.01	99.11
3.8E 03 -	5.6E 03	2	446	0.45	99.55

EXPLANATION

3.0E-02 means 3.0×10^{2} or 300
7.0E-02 means 7.0×10^{2} or 700
1.0E-03 means 1.0×10^{3} or 1,000
1.5E-03 means 1.5×10^{3} or 1,500
2.0E-03 means 2.0×10^{3} or 2,000
3.0E-03 means 3.0×10^{3} or 3,000
5.0E-03 means 3.0×10^{3} or 5,000

HISTOGRAM FOR COLUMN 5 (MN PPM) X = 1%

```
3.0E 02 XXX

5.0E 02 XXXXXXXXX

7.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1.0E 03 XXXXXXXXXXXXXXXXXXXXXXXXX

1.5E 03 XXXXXXXXXXXXXXXXXXXXXXX

2.0E 03 XXXX

3.0E 03 XX

5.0E 03
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	2	446
0.0	0.0			0.0	0.45	

MAXIMUM = 5.00000E 03

MINIMUM = 1.00000E 02

GEOMETRIC MEAN = 9.35354E 02

GEOMETRIC DEVIATION = 1.60919E 00

FREQUENCY TABLE FOR COLUMN 6 (AG PPM)

LIMITS LOWER -	UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E-01 -	5.6E-01	10	10	2.24	2.24
5.6E-01 -	8.3E-01	3	13	0.67	2.91
8.3E-01 -	1.2E 00	1	14	0.22	3.13
1.2E 00 -	1.8E 00	1	15	0.22	3.36

EXPLANATION

5.0E-01 means 5.0×10^{-1} or 0.5
7.0E-01 means 5.0×10^{-1} or 0.7

HISTOGRAM FOR COLUMN 6 (AG PPM) X = 1%

5.0E-01 XX

7.0E-01 X

1.0E 00

1.5E 00

N	L	H	B	T	G	ANALYTICAL VALUES
357	75	0	3	0	0	15
79.87	16.78			0.0	0.0	

MAXIMUM = 1.50000E 00

MINIMUM = 5.00000E-01

GEOMETRIC MEAN = 6.02661E-01

GEOMETRIC DEVIATION = 1.38785E 00

FREQUENCY TABLE FOR COLUMN 9 (8 PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	24	24	5.36	5.36
1.2E 01 -	1.8E 01	38	62	8.48	13.84
1.8E 01 -	2.6E 01	58	120	12.95	26.79
2.6E 01 -	3.8E 01	133	253	29.69	56.47
3.8E 01 -	5.6E 01	43	296	9.60	66.07
5.6E 01 -	8.3E 01	74	370	16.52	82.59
8.3E 01 -	1.2E 02	24	394	5.36	87.95
1.2E 02 -	1.8E 02	17	411	3.79	91.74
1.8E 02 -	2.6E 02	7	418	1.56	93.30

EXPLANATION

1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.0×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150
2.0E-02 means 2.0×10^{2} or 200

HISTOGRAM FOR COLUMN 9 (8 PPM) X = 1%

```
1.0E 01 XXXXX

1.5E 01 XXXXXXXX

2.0E 01 XXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 01 XXXXXXXXXX

7.0E 01 XXXXXXXXXXXXXXXX

1.0E 02 XXXXX

1.5E 02 XXXX

2.0E 02 XX
```

N	L	H	B	T	G	ANALYTICAL VALUES
3	27	0	2	0	0	418
0.67	6.03			0.0	0.0	

MAXIMUM = 2.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 3.61472E 01

GEOMETRIC DEVIATION = 2.03637E 00

FREQUENCY TABLE FOR COLUMN 10 (BA PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	0	0	0.0	0.0
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	1	1	0.22	0.22
1.8E 01 -	2.6E 01	0	1	0.0	0.22
2.6E 01 -	3.8E 01	0	1	0.0	0.22
3.8E 01 -	5.6E 01	0	1	0.0	0.22
5.6E 01 -	8.3E 01	0	1	0.0	0.22
8.3E 01 -	1.2E 02	0	1	0.0	0.22
1.2E 02 -	1.8E 02	0	1	0.0	0.22
1.8E 02 -	2.6E 02	0	1	0.0	0.22
2.6E 02 -	3.8E 02	4	5	0.89	1.12
3.8E 02 -	5.6E 02	10	15	2.23	3.35
5.6E 02 -	8.3E 02	119	134	26.56	29.91
8.3E 02 -	1.2E 03	102	236	22.77	52.68
1.2E 03 -	1.8E 03	171	407	38.17	90.85
1.8E 03 -	2.6E 03	33	440	7.37	98.21
2.6E 03 -	3.8E 03	7	447	1.56	99.78
3.8E 03 -	5.6E 03	0	447	0.0	99.78
5.6E 03 -	8.3E 03	1	448	0.22	100.00

EXPLANATION

3.0E-02 means 3.0×10^{2} or 300
5.0E-02 means 5.0×10^{2} or 500
1.0E-03 means 1.0×10^{3} or 1,000
1.5E-03 means 1.5×10^{3} or 1,500
2.0E-03 means 2.0×10^{3} or 2,000
3.0E-03 means 3.0×10^{3} or 3,000
5.0E-03 means 5.0×10^{3} or 5,000
7.0E-03 means 7.0×10^{3} or 7,000

HISTOGRAM FOR COLUMN 10 (BA PPM) X = 1%

```
3.0E 02 X

5.0E 02 XX

7.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXX

1.0E 03 XXXXXXXXXXXXXXXXXXXXXXX

1.5E 03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 03 XXXXXXX

3.0E 03 XX

5.0E 03

7.0E 03
```

N	L	H	B	T	G	VALUES
0	0	0	2	0	0	448
0.0	0.0			0.0	0.0	

MAXIMUM = 7.00000E 03

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 1.10171E 03

GEOMETRIC DEVIATION = 1.58925E 00

FREQUENCY TABLE FOR COLUMN 11 (BE PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E-01 -	1.2E 00	131	131	29.24	29.24
1.2E 00 -	1.8E 00	121	252	27.01	56.25
1.8E 00 -	2.6E 00	19	271	4.24	60.49
2.6E 00 -	3.8E 00	6	277	1.34	61.83
3.8E 00 -	5.6E 00	2	279	0.45	62.28

EXPLANATION

1.0E-00 means 1.0×10^0 or 1.0
1.5E-00 means 1.5×10^0 or 1.5
2.0E-00 means 2.0×10^0 or 2.0
3.0E-00 means 3.0×10^0 or 3.0
5.0E-00 means 5.0×10^0 or 5.0

HISTOGRAM FOR COLUMN 11 (BE PPM) X = 1%

```
1.0E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1.5E 00 XXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 00 XXXX

3.0E 00 X

5.0E 00
```

N	L	H	B	T	G	ANALYTICAL VALUES
10	159	0	2	0	0	279
2.23	35.49			0.0	0.0	

MAXIMUM = 5.00000E 00

MINIMUM = 1.00000E 00

GEOMETRIC MEAN = 1.29461E 00

GEOMETRIC DEVIATION = 1.33195E 00

FREQUENCY TABLE FOR COLUMN 13 (CO PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	6	6	1.34	1.34
5.6E 00 -	8.3E 00	5	11	1.12	2.46
8.3E 00 -	1.2E 01	71	82	15.85	18.30
1.2E 01 -	1.8E 01	191	273	42.63	60.94
1.8E 01 -	2.6E 01	88	361	19.64	80.58
2.6E 01 -	3.8E 01	52	413	11.61	92.19
3.8E 01 -	5.6E 01	12	425	2.68	94.87
5.6E 01 -	8.3E 01	13	438	2.90	97.77
8.3E 01 -	1.2E 02	0	438	0.0	97.77
1.2E 02 -	1.8E 02	2	440	0.45	98.21

EXPLANATION

5.0E-00 means 5.0×10^{0} or 5.0
7.0E-00 means 7.0×10^{0} or 7.0
1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150

HISTOGRAM FOR COLUMN 13 (CO PPM) X = 1%

```
5.0E 00 X

7.0E 00 X

1.0E 01 XXXXXXXXXXXXXXX

1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXX

5.0E 01 XXX

7.0E 01 XXX

1.0E 02

1.5E 02
```

N	L	H	B	T	G	ANALYTICAL VALUES
1	6	0	2	0	0	441
0.22	1.34			0.0	0.0	

MAXIMUM = 1.50000E 02

MINIMUM = 1.50000E 00

GEOMETRIC MEAN = 1.71378E 01

GEOMETRIC DEVIATION = 1.64813E 00

FREQUENCY TABLE FOR COLUMN 14 (CR PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	1	1	0.22	0.22
8.3E 00 -	1.2E 01	0	1	0.0	0.22
1.2E 01 -	1.8E 01	7	8	1.56	1.79
1.8E 01 -	2.6E 01	4	12	0.89	2.68
2.6E 01 -	3.8E 01	16	28	3.57	6.25
3.8E 01 -	5.6E 01	13	41	2.90	9.15
5.6E 01 -	8.3E 01	117	158	26.12	35.27
8.3E 01 -	1.2E 02	95	253	21.21	56.47
1.2E 02 -	1.8E 02	125	378	27.90	84.38
1.8E 02 -	2.6E 02	25	403	5.58	89.96
2.6E 02 -	3.8E 02	32	435	7.14	97.10
3.8E 02 -	5.6E 02	6	441	1.34	98.44
5.6E 02 -	8.3E 02	4	445	0.89	99.33
8.3E 02 -	1.2E 03	1	446	0.22	99.55
1.2E 03 -	1.8E 03	0	446	0.0	99.55
1.8E 03 -	2.6E 03	2	448	0.45	100.00

EXPLANATION

1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150
2.0E-02 means 2.0×10^{2} or 200
3.0E-02 means 3.0×10^{2} or 300
5.0E-02 means 5.0×10^{2} or 500
7.0E-02 means 7.0×10^{2} or 700
1.0E-03 means 1.0×10^{3} or 1,000
1.5E-03 means 1.5×10^{3} or 1,500
2.0E-03 means 2.0×10^{3} or 2,000

HISTOGRAM FOR COLUMN 14 (CR PPM) X = 1%

```
1.5E 01 XX
2.0E 01 X
3.0E 01 XXXX
5.0E 01 XXX
7.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXX
1.0E 02 XXXXXXXXXXXXXXXXXXXX
1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.0E 02 XXXXXX
3.0E 02 XXXXXXX
5.0E 02 X
7.0E 02 X
1.0E 03
1.5E 03
2.0E 03
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	0	448
0.0	0.0			0.0	0.0	

MAXIMUM = 2.00000E 03 GEOMETRIC MEAN = 1.08480E 02

MINIMUM = 7.00000E 00 GEOMETRIC DEVIATION = 1.98296E 00

FREQUENCY TABLE FOR COLUMN 15 (CU PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	4	4	0.89	0.89
5.6E 00 -	8.3E 00	8	12	1.79	2.68
8.3E 00 -	1.2E 01	17	29	3.79	6.47
1.2E 01 -	1.8E 01	95	124	21.21	27.68
1.8E 01 -	2.6E 01	76	200	16.96	44.64
2.6E 01 -	3.8E 01	77	277	17.19	61.83
3.8E 01 -	5.6E 01	63	340	14.06	75.89
5.6E 01 -	8.3E 01	87	427	19.42	95.31
8.3E 01 -	1.2E 02	14	441	3.12	98.44
1.2E 02 -	1.8E 02	3	444	0.67	99.11

EXPLANATION

5.0E-00 means 5.0×10^{0} or 5.0
7.0E-00 means 7.0×10^{0} or 7.0
1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{2} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150

HISTOGRAM FOR COLUMN 15 (CU PPM) X = 1%

```
5.0E 00 X

7.0E 00 XX

1.0E 01 XXXX

1.5E 01 XXXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXXX

5.0E 01 XXXXXXXXXXXXXX

7.0E 01 XXXXXXXXXXXXXXXXXXX

1.0E 02 XXX

1.5E 02 X
```

N	L	H	B	F	G	ANALYTICAL VALUES
0	4	0	2	0	0	444
0.0	0.89			0.0	0.0	

MAXIMUM = 1.50000E 02

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 2.95555E 01

GEOMETRIC DEVIATION = 2.00885E 00

FREQUENCY TABLE FOR COLUMN 17 (MO PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	12	12	2.68	2.68
5.6E 00 -	8.3E 00	4	16	0.89	3.57

HISTOGRAM FOR COLUMN 17 (MO PPM)

5.0E 00 XXX

7.0E 00 X

N	L	H	B	T	G	ANALYTICAL VALUES
382	50	0	2	0	0	16
85.27	11.16			0.0	0.0	

MAXIMUM = 7.00000E 00

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 5.43878E 00

GEOMETRIC DEVIATION = 1.16238E 00

EXPLANATION

5.0E-00 means 5.0 x 10° or 5.0
7.0E-00 means 7.0 x 10° or 7.0
x = 1 percent

FREQUENCY TABLE FOR COLUMN 18 (NB PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 00 -	2.6E 00	0	0	0.0	0.0
2.6E 00 -	3.8E 00	0	0	0.0	0.0
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	0	0	0.0	0.0
8.3E 00 -	1.2E 01	219	219	48.88	48.88
1.2E 01 -	1.8E 01	89	308	19.87	68.75
1.8E 01 -	2.6E 01	31	339	6.92	75.67
2.6E 01 -	3.8E 01	2	341	0.45	76.12
3.8E 01 -	5.6E 01	0	341	0.0	76.12
5.6E 01 -	8.3E 01	1	342	0.22	76.34

EXPLANATION

1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30

HISTOGRAM FOR COLUMN 18 (NB PPM) X = 1%

```
1.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1.5E 01 XXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXX

3.0E 01

5.0E 01

7.0E 01
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	106	0	2	0	0	342
0.0	23.66			0.0	0.0	

MAXIMUM = 7.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.19759E 01

GEOMETRIC DEVIATION = 1.30887E 00

FREQUENCY TABLE FOR COLUMN 19 (NI PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	1	1	0.22	0.22
5.6E 00 -	8.3E 00	3	4	0.67	0.89
8.3E 00 -	1.2E 01	5	9	1.12	2.01
1.2E 01 -	1.8E 01	7	16	1.56	3.57
1.8E 01 -	2.6E 01	26	42	5.80	9.37
2.6E 01 -	3.8E 01	60	102	13.39	22.77
3.8E 01 -	5.6E 01	99	201	22.10	44.87
5.6E 01 -	8.3E 01	179	380	39.96	84.82
8.3E 01 -	1.2E 02	45	425	10.04	94.87
1.2E 02 -	1.8E 02	20	445	4.46	99.33
1.8E 02 -	2.6E 02	2	447	0.45	99.78

EXPLANATION

7.0E-00 means 7.0×10^{0} or 7
1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150
2.0E-02 means 2.0×10^{2} or 200

HISTOGRAM FOR COLUMN 19 (NI PPM) X = 1%

```
7.0E 00 X
1.0E 01 X
1.5E 01 XX
2.0E 01 XXXXXX
3.0E 01 XXXXXXXXXXXX
5.0E 01 XXXXXXXXXXXXXXXXXXXXX
7.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.0E 02 XXXXXXXXXX
1.5E 02 XXXX
2.0E 02
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	1	0	2	0	0	447
0.0	0.22			0.0	0.0	

MAXIMUM = 2.00000E 02

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 5.43054E 01

GEOMETRIC DEVIATION = 1.76832E 00

FREQUENCY TABLE FOR COLUMN 20 (PB PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	64	64	14.29	14.29
1.2E 01 -	1.8E 01	141	205	31.47	45.76
1.8E 01 -	2.6E 01	74	279	16.52	62.28
2.6E 01 -	3.8E 01	68	347	15.18	77.46
3.8E 01 -	5.6E 01	42	389	9.37	86.83
5.6E 01 -	8.3E 01	35	424	7.81	94.64
8.3E 01 -	1.2E 02	8	432	1.79	96.43
1.2E 02 -	1.8E 02	5	437	1.12	97.54

EXPLANATION

1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150

HISTOGRAM FOR COLUMN 20 (PB PPM) X = 1%

```
1.0E 01 XXXXXXXXXXXXXX

1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXX

5.0E 01 XXXXXXXXX

7.0E 01 XXXXXXXX

1.0E 02 XX

1.5E 02 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	11	0	2	0	0	437
0.0	2.46			0.0	0.0	

MAXIMUM = 1.50000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 2.23150E 01

GEOMETRIC DEVIATION = 1.90047E 00

FREQUENCY TABLE FOR COLUMN 16 (LA PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 01 -	2.6E 01	140	140	32.63	32.63
2.6E 01 -	3.8E 01	140	280	32.63	65.27
3.8E 01 -	5.6E 01	30	310	6.99	72.26
5.6E 01 -	8.3E 01	26	336	6.06	78.32
8.3E 01 -	1.2E 02	9	345	2.10	80.42
1.2E 02 -	1.8E 02	7	352	1.63	82.05
1.8E 02 -	2.6E 02	1	353	0.23	82.28
2.6E 02 -	3.8E 02	2	355	0.47	82.75
3.8E 02 -	5.6E 02	0	355	0.0	82.75
5.6E 02 -	8.3E 02	2	357	0.47	83.22

EXPLANATION

2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150
2.0E-02 means 2.0×10^{2} or 200
3.0E-02 means 3.0×10^{2} or 300
5.0E-02 means 5.0×10^{2} or 500
7.0E-02 means 7.0×10^{2} or 700

HISTOGRAM FOR COLUMN 16 (LA PPM) X = 12

```
2.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 01 XXXXXXX

7.0E 01 XXXXXX

1.0E 02 XX

1.5E 02 XX

2.0E 02

3.0E 02

5.0E 02

7.0E 02
```

N	L	H	B	T	G	ANALYTICAL VALUES
9	60	0	21	0	0	360
2.10	13.99			0.0	0.0	

MAXIMUM = 7.00000E 02

MINIMUM = 3.00000E 00

GEOMETRIC MEAN = 3.09626E 01

GEOMETRIC DEVIATION = 1.78921E 00

FREQUENCY TABLE FOR COLUMN 22 (SC PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	3	3	0.67	0.67
5.6E 00 -	8.3E 00	14	17	3.12	3.79
8.3E 00 -	1.2E 01	18	35	4.02	7.81
1.2E 01 -	1.8E 01	114	149	25.45	33.26
1.8E 01 -	2.6E 01	153	302	34.15	67.41
2.6E 01 -	3.8E 01	131	433	29.24	96.65
3.8E 01 -	5.6E 01	12	445	2.68	99.33

EXPLANATION

5.0E-00 means 5.0×10^{0} or 5.0
7.0E-00 means 7.0×10^{0} or 7.0
1.0E-01 means 1.0×10^{1} or 10
1.5E-01 means 1.5×10^{1} or 15
2.0E-01 means 2.0×10^{1} or 20
3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50

HISTOGRAM FOR COLUMN 22 (SC PPM) X = 1%

```
5.0E 00 X

7.0E 00 XXX

1.0E 01 XXXX

1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 01 XXX
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	0	448
0.0	0.0			0.0	0.0	

MAXIMUM = 5.00000E 01

MINIMUM = 1.00000E 00

GEOMETRIC MEAN = 1.96514E 01

GEOMETRIC DEVIATION = 1.56661E 00

FREQUENCY TABLE FOR COLUMN 24 (SR PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 01 -	5.6E 01	1	1	0.22	0.22
5.6E 01 -	8.3E 01	0	1	0.0	0.22
8.3E 01 -	1.2E 02	68	69	15.18	15.40
1.2E 02 -	1.8E 02	71	140	15.85	31.25
1.8E 02 -	2.6E 02	87	227	19.42	50.67
2.6E 02 -	3.8E 02	130	357	29.02	79.69
3.8E 02 -	5.6E 02	27	384	6.03	85.71
5.6E 02 -	8.3E 02	22	406	4.91	90.63

EXPLANATION

1.0E-02 means 1.0×10^2 or 100
1.5E-02 means 1.5×10^2 or 150
2.0E-02 means 2.0×10^2 or 200
3.0E-02 means 3.0×10^2 or 300
5.0E-02 means 5.0×10^2 or 500
7.0E-02 means 7.0×10^2 or 700

HISTOGRAM FOR COLUMN 24 (SR PPM) X = 1%

```
1.0E 02 XXXXXXXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXX

2.0E 02 XXXXXXXXXXXXXXXXXXX

3.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 02 XXXXXX

7.0E 02 XXXXX
```

N	L	H	B	T	G	ANALYTICAL VALUES
15	27	0	2	0	0	406
3.35	6.03			0.0	0.0	

MAXIMUM = 7.00000E 02

MINIMUM = 5.00000E 01

0

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	4	4	0.89	0.89
3.8E 01 -	5.6E 01	2	6	0.45	1.34
5.6E 01 -	8.3E 01	4	10	0.89	2.23
8.3E 01 -	1.2E 02	37	47	8.26	10.49
1.2E 02 -	1.8E 02	153	200	34.15	44.64
1.8E 02 -	2.6E 02	163	363	36.38	81.03
2.6E 02 -	3.8E 02	70	433	15.62	96.65
3.8E 02 -	5.6E 02	5	438	1.12	97.77
5.6E 02 -	8.3E 02	7	445	1.56	99.33
8.3E 02 -	1.2E 03	2	447	0.45	99.78
1.2E 03 -	1.8E 03	1	448	0.22	100.00

EXPLANATION

3.0E-01 means 3.0×10^{1} or 30
5.0E-01 means 5.0×10^{1} or 50
7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150
2.0E-02 means 2.0×10^{2} or 200
3.0E-02 means 3.0×10^{2} or 300
5.0E-02 means 5.0×10^{2} or 500
7.0E-02 means 7.0×10^{2} or 700
1.0E-03 means 1.0×10^{3} or 1,000
1.5E-03 means 1.5×10^{3} or 1,500

HISTOGRAM FOR COLUMN 25 (V PPM) X = 1%

```
3.0E 01 X
5.0E 01
7.0E 01 X
1.0E 02 XXXXXXXX
1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.0E 02 XXXXXXXXXXXXXXXX
5.0E 02 X
7.0E 02 XX
1.0E 03
1.5E 03
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	2	0	0	448
0.0	0.0			0.0	0.0	

MAXIMUM = 1.50000E 03

MINIMUM = 3.00000E 01

```
3.0E 02 XXXXXXXXXXXXXXXX
5.0E 02 X
7.0E 02 XX
1.0E 03
```

MAXIMUM = 1.50000E 03

MINIMUM = 3.00000E 01

GEOMETRIC MEAN = 1.84119E 02

GEOMETRIC DEVIATION = 1.55139E 00

FREQUENCY TABLE FOR COLUMN 28 (ZN PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 02 -	2.6E 02	8	8	1.79	1.79
2.6E 02 -	3.8E 02	3	11	0.67	2.46
3.8E 02 -	5.6E 02	3	14	0.67	3.12
5.6E 02 -	8.3E 02	1	15	0.22	3.35

EXPLANATION

2.0E-02 means 2.0×10^2 or 200
3.0E-02 means 3.0×10^2 or 300
5.0E-02 means 5.0×10^2 or 500
7.0E-02 means 7.0×10^2 or 700

HISTOGRAM FOR COLUMN 28 (ZN PPM) X = 1%

```
2.0E 02 XX

3.0E 02 X

5.0E 02 X

7.0E 02
```

N	L	H	B	T	G	ANALYTICAL VALUES
271	161	0	2	0	0	16
60.49	35.94			0.0	0.0	

MAXIMUM = 7.00000E 02

MINIMUM = 3.00000E 01

GEOMETRIC MEAN = 2.46131E 02

GEOMETRIC DEVIATION = 2.02740E 00

FREQUENCY TABLE FOR COLUMN 29 (ZR PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	0	0	0.0	0.0
3.8E 01 -	5.6E 01	2	2	0.45	0.45
5.6E 01 -	8.3E 01	21	23	4.69	5.13
8.3E 01 -	1.2E 02	47	70	10.49	15.62
1.2E 02 -	1.8E 02	85	155	18.97	34.60
1.8E 02 -	2.6E 02	84	239	18.75	53.35
2.6E 02 -	3.8E 02	123	362	27.46	80.80
3.8E 02 -	5.6E 02	35	397	7.81	88.62
5.6E 02 -	8.3E 02	31	428	6.92	95.54
8.3E 02 -	1.2E 03	12	440	2.68	98.21

EXPLANATION

7.0E-01 means 7.0×10^{1} or 70
1.0E-02 means 1.0×10^{2} or 100
1.5E-02 means 1.5×10^{2} or 150
2.0E-02 means 2.0×10^{2} or 200
3.0E-02 means 3.0×10^{2} or 300
5.0E-02 means 5.0×10^{2} or 500
7.0E-02 means 7.0×10^{2} or 700
1.0E-03 means 1.0×10^{3} or 1,000

HISTOGRAM FOR COLUMN 29 (ZR PPM) X = 1%

```
7.0E 01 XXXXX

1.0E 02 XXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXXX

2.0E 02 XXXXXXXXXXXXXXXXXXX

3.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 02 XXXXXXXX

7.0E 02 XXXXXXX

1.0E 03 XXX
```

N	L	H	B	T	G	ANALYTICAL VALUES
0	1	0	2	0	7	440
0.0	0.22			0.0	1.56	

MAXIMUM = 1.00000E 03

MINIMUM = 5.00000E 01

GEOMETRIC MEAN = 2.28348E 02

GEOMETRIC DEVIATION = 1.89357E 00

A470 STATISTICAL SUMMARY DATE 3/19/69

ELEMENT	N	L	H	B	T	G	ANALYTICAL VALUES
FE PCT	0	0	0	2	0	1	447
MG PCT	0	0	0	2	0	0	448
CA PCT	0	0	0	2	0	0	448
TI PCT	0	0	0	2	0	53	395
MN PPM	0	0	0	2	0	2	446
AG PPM	357	75	0	3	0	0	15
AS PPM	418	29	0	2	0	0	1
AU PPM	6	431	0	2	0	0	11
B PPM	3	27	0	2	0	0	418
BA PPM	0	0	0	2	0	0	448
BE PPM	10	159	0	2	0	0	279
BI PPM	447	1	0	2	0	0	0
CO PPM	1	6	0	2	0	0	441
CR PPM	0	0	0	2	0	0	448
CU PPM	0	4	0	2	0	0	444
LA PPM	9	60	0	21	0	0	360
MO PPM	382	50	0	2	0	0	16
NB PPM	0	106	0	2	0	0	342
NI PPM	0	1	0	2	0	0	447
PB PPM	0	11	0	2	0	0	437
SB PPM	445	3	0	2	0	0	0
SC PPM	0	0	0	2	0	0	448
SN PPM	447	1	0	2	0	0	0
SR PPM	15	27	0	2	0	0	406
V PPM	0	0	0	2	0	0	448
W PPM	437	9	0	2	0	0	2
Y PPM	1	2	0	2	0	0	445
ZN PPM	271	161	0	2	0	0	16
ZR PPM	0	1	0	2	0	7	440

ELEMENT	GEOMETRIC MEAN	GEOMETRIC DEVIATION	REMARKS
FE PCT	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.
MG PCT	2.042562	1.58	450 SAMPLES AND 448 ANALYTICAL VALUES.
CA PCT	2.186660	1.85	450 SAMPLES AND 448 ANALYTICAL VALUES.
TI PCT	********	******	53 GREATER THAN VALUES. NO COMPUTATIONS.
MN PPM	********	******	2 GREATER THAN VALUES. NO COMPUTATIONS.
AG PPM	********	******	432 NOT DETECTED, LESS THAN, OR TRACE VALUES. 15 REPORTED VALUES. NO COMPUTATIONS.
AS PPM	********	******	447 NOT DETECTED, LESS THAN, OR TRACE VALUES. 1 REPORTED VALUES. NO COMPUTATIONS.
AU PPM	********	******	437 NOT DETECTED, LESS THAN, OR TRACE VALUES. 11 REPORTED VALUES. NO COMPUTATIONS.
B PPM	31.990463	2.29	30 NOT DETECTED, LESS THAN, OR TRACE VALUES. 418 REPORTED VALUES.
BA PPM	1101.706787	1.59	450 SAMPLES AND 448 ANALYTICAL VALUES.
BE PPM	0.969700	1.59	169 NOT DETECTED, LESS THAN, OR TRACE VALUES. 279 REPORTED VALUES.
BI PPM	********	******	448 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.
CO PPM	********	******	1 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
CR PPM	108.479858	1.98	450 SAMPLES AND 448 ANALYTICAL VALUES.
CU PPM	28.964600	2.07	4 NOT DETECTED, LESS THAN, OR TRACE VALUES. 444 REPORTED VALUES.
LA PPM	********	******	3 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
MO PPM	********	******	432 NOT DETECTED, LESS THAN, OR TRACE VALUES. 16 REPORTED VALUES. NO COMPUTATIONS.
NB PPM	6.734649	2.95	106 NOT DETECTED, LESS THAN, OR TRACE VALUES. 342 REPORTED VALUES.
NI PPM	53.968231	1.79	1 NOT DETECTED, LESS THAN, OR TRACE VALUES. 447 REPORTED VALUES.
PB PPM	21.617569	1.95	11 NOT DETECTED, LESS THAN, OR TRACE VALUES. 437 REPORTED VALUES.
SB PPM	********	******	448 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.
SC PPM	********	******	3 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
SN PPM	********	******	448 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.

SR PPM	180.542938	2.20	42	NOT DETECTED, LESS THAN, OR TRACE VALUES. 406 REPORTED VALUES.
V PPM	184.119110	1.55	450	SAMPLES AND 448 ANALYTICAL VALUES.
W PPM	********	******	446	NOT DETECTED, LESS THAN, OR TRACE VALUES. 2 REPORTED VALUES. NO COMPUTATIONS.
Y PPM	26.997208	1.52	3	NOT DETECTED, LESS THAN, OR TRACE VALUES. 445 REPORTED VALUES.
ZN PPM	********	******	1	VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
ZR PPM	********	******	7	GREATER THAN VALUES. NO COMPUTATIONS.

TABLE 2. ROCK SAMP EAGLE *

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
AF 3F	7.0000	0.1000L	0.1500	0.1500	150.0000	0.0 N	0.0 N	0.0200L	10.0000	500.0000
AF 2F	20.0000	0.1000L	0.1500	0.2000	150.0000	0.5000L	0.0 N	0.0200L	15.0000	700.0000
AF 3F	15.0000	0.1000L	0.0700	0.1500	30.0000	0.0 N	200.0000L	0.0200L	10.0000	500.0000
T 4F	3.0000	0.3000	0.0500L	0.2000	20.0000	0.0 N	200.0000L	0.0200	30.0000	300.0000
O 5F	10.0000	3.0000	7.0000	0.5000	700.0000	0.0 N	200.0000L	0.0200L	10.0000L	1500.0000
O 6F	10.0000	7.0000	7.0000	0.7000	1500.0000	0.5000L	0.0 N	1.6000	10.0000L	3000.0000
NO 7F	3.0000	0.2000	0.0700	0.0700	150.0000	0.0 N	200.0000L	0.0200L	5.0000L	150.0000
W 8F	3.0000	0.3000	0.0500L	0.2000	150.0000	0.0 N	0.0 N	0.0200L	10.0000L	150.0000
N 9F	3.0000	0.3000	0.0500L	0.3000	700.0000	3.0000	200.0000L	0.0200L	10.0000L	300.0000
WO 10F	1.5000	1.5000	0.0500L	0.1500	100.0000	0.0 N	200.0000L	0.0200L	30.0000	300.0000
WO 11F	1.0000	0.1000L	0.0500L	0.0300	20.0000	0.0 N	200.0000L	0.0200L	0.0 N	5.0000L
DX 12F	15.0000	7.0000	5.0000	0.7000	3000.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
W 13F	1.5000	0.1000L	0.0500L	0.0100	150.0000	0.0 N	200.0000L	0.0200L	10.0000L	5.0000L
W 14F	3.0000	0.3000	0.0300	0.3000	150.0000	0.0 N	200.0000L	0.0200L	150.0000	300.0000
EX 15F	15.0000	5.0000	7.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
L 16F	15.0000	10.0000	7.0000	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	700.0000
D 17F	20.0000	7.0000	20.0000	1.0000G	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	150.0000
EX 18F	1.5000	1.5000	20.0000G	0.0700	1000.0000	0.0 N	0.0 N	0.0200L	0.0 N	70.0000
EX 19F	20.0000G	7.0000	20.0000	0.2000	5000.0000G	7.0000	0.0 N	0.0200L	300.0000	100.0000
EX 20F	20.0000G	5.0000	20.0000G	0.0500	5000.0000G	0.0 N	0.0 N	0.0200L	30.0000	70.0000
CS 21F	10.0000L	5.0000	7.0000	1.0000	300.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
CS 22F	10.0000	5.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
CS 23F	7.0000	3.0000	5.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	2000.0000
CS 24F	10.0000	5.0000	7.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
FO 25F	7.0000	7.0000	1.5000	0.0100	700.0000	0.0 N	0.0 N	0.0200L	10.0000	5.0000L
A 26F	1.0000	0.7000	0.0500L	0.3000	50.0000	0.0 N	0.0 N	0.0200L	150.0000	1500.0000
M 27F	10.0000	10.0000	7.0000	1.0000G	2000.0000	0.0 N	0.0 N	0.0200L	20.0000	700.0000
N 28F	3.0000	5.0000	20.0000G	1.0000G	1500.0000	0.0 N	0.0 N	0.0200L	30.0000	3000.0000
I 29F	0.3000	0.2000	0.0500L	0.1500	30.0000	0.5000L	200.0000L	0.0200L	70.0000	1500.0000
M 30F	15.0000	7.0000	7.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	10.0000	150.0000
B 31F	0.7000	1.0000	0.0300	0.0700	70.0000	0.0 N	0.0 N	0.0200L	10.0000L	500.0000
LJ 32F	0.7000	0.7000	0.0500L	0.0700	20.0000	0.0 N	0.0 N	0.0200L	15.0000	1000.0000
B 33F	1.5000	0.5000	0.0500L	0.2000	150.0000	0.0 N	0.0 N	0.0200L	20.0000	2000.0000
FO 34F	3.0000	7.0000	0.0500L	0.0100L	300.0000	0.5000L	200.0000L	0.0 B	15.0000	400.0000
M 35F	20.0000	5.0000	3.0000	0.7000	700.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
M 36F	10.0000	5.0000	7.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
L 37F	3.0000	2.0000	1.5000	0.3000	500.0000	0.5000L	200.0000L	0.0 B	10.0000L	1000.0000
LY 38F	15.0000	7.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	300.0000
B 39F	20.0000G	5.0000	15.0000	0.0100L	5000.0000G	30.0000	0.0 N	0.0200L	15.0000	150.0000
PO 40F	3.0000	0.1000L	1.0000	0.0200	3000.0000	0.0 N	0.0 N	0.0200L	10.0000	150.0000
M 41F	7.0000	7.0000	7.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	150.0000
FO 42F	10.0000	10.0000G	0.0500L	0.0300	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	5.0000L
HK 43F	2.0000	1.5000	0.2000	0.3000	300.0000	0.5000L	0.0 N	0.0200L	70.0000	700.0000
IK 44F	5.0000	1.5000	0.1500	0.5000	300.0000	0.5000L	0.0 N	0.0200L	50.0000	700.0000
IK 45F	1.5000	0.5000	0.0500L	0.1500	70.0000	1.0000	0.0 N	0.0200L	0.0 N	700.0000
IS 46F	15.0000	3.0000	7.0000	1.0000G	1500.0000	0.5000L	0.0 N	0.0200L	10.0000L	1000.0000
MK 47F	3.0000	0.3000	0.0700	0.3000	300.0000	0.0 N	0.0 N	0.0200L	150.0000	3000.0000
M 48F	10.0000	5.0000	5.0000	0.5000	1500.0000	0.5000L	0.0 N	0.0200L	10.0000L	700.0000
IK 49F	1.5000	1.5000	0.0500	0.1500	70.0000	5.0000L	200.0000L	0.0 B	15.0000	300.0000
IK 50F	5.0000	1.5000	0.2000	0.3000	300.0000	0.5000L	0.0 N	0.0200L	50.0000	700.0000

* Note that the right-most digits of each data value may or may not be significant.

TABLE 2. ROCK SAMPLE

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
AF 1F	7.0000	0.0 N	0.0 N	5.0000L	5.0000L	20.0000L	5.0000L	15.0000	0.0 N	15.0000
AF 2F	15.0000	0.0 N	0.0 N	5.0000L	15.0000	20.0000L	5.0000	15.0000	0.0 N	50.0000
AF 3F	7.0000	0.0 N	0.0 N	5.0000L	5.0000	15.0000	10.0000	20.0000	0.0 N	20.0000
T 4F	1.0000	0.0 N	0.0 N	15.0000	7.0000	20.0000	0.0 N	2.0000L	5.0000L	20.0000
D 5F	1.0000	0.0 N	20.0000	700.0000	50.0000	50.0000	0.0 N	10.0000	150.0000	15.0000
D 6F	1.5000	0.0 N	70.0000	1500.0000	100.0000	30.0000	5.0000L	2.0000L	500.0000	15.0000
ND 7F	1.0000L	0.0 N	5.0000L	5.0000	7.0000	20.0000L	0.0 N	2.0000L	5.0000L	10.0000L
W 8F	0.0 N	0.0 N	0.0 N	30.0000	5.0000	20.0000	20.0000	2.0000L	5.0000L	10.0000L
N 9F	3.0000	0.0 N	5.0000	30.0000	70.0000	20.0000	5.0000L	2.0000L	30.0000	30.0000
WD 10F	1.0000L	0.0 N	5.0000	30.0000	5.0000L	20.0000	0.0 N	10.0000	5.0000	10.0000L
WD 11F	0.0 N	0.0 N	5.0000L	5.0000	5.0000L	20.0000L	0.0 N	2.0000L	0.0 N	10.0000L
DX 12F	0.0 N	0.0 N	70.0000	700.0000	70.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000L
W 13F	1.0000L	0.0 N	0.0 N	15.0000	7.0000	20.0000L	0.0 N	2.0000L	15.0000	10.0000L
W 14F	1.5000	0.0 N	5.0000L	70.0000	100.0000	20.0000	0.0 N	2.0000L	30.0000	20.0000
EX 15F	1.0000L	0.0 N	70.0000	300.0000	50.0000	20.0000L	0.0 N	10.0000	70.0000	15.0000
I 16F	0.0 N	0.0 N	100.0000	15.0000	200.0000	30.0000	5.0000L	2.0000L	70.0000	10.0000L
D 17F	0.0 N	0.0 N	70.0000	150.0000	70.0000	200.0000	5.0000L	2.0000L	70.0000	10.0000L
EX 18F	0.0 N	0.0 N	0.0 N	10.0000	5.0000L	20.0000L	0.0 N	2.0000L	5.0000L	10.0000L
EX 19F	2.0000	0.0 N	70.0000	15.0000	70.0000	20.0000	0.0 N	2.0000L	70.0000	9000.0000G
EX 20F	2.0000	0.0 N	70.0000	15.0000	150.0000	20.0000L	0.0 N	2.0000L	70.0000	2000.0000
CS 21F	1.0000L	200.0000	50.0000	5.0000	300.0000	20.0000	0.0 N	2.0000L	5.0000L	10.0000
CS 22F	1.0000L	0.0 N	10.0000	5.0000L	15.0000	30.0000	0.0 N	10.0000	5.0000L	20.0000
CS 23F	1.0000L	0.0 N	5.0000L	5.0000	20.0000	20.0000L	0.0 N	2.0000L	5.0000	300.0000
CS 24F	1.0000L	0.0 N	15.0000	15.0000	20.0000	20.0000	0.0 N	10.0000	5.0000	30.0000
FD 25F	1.0000L	0.0 N	0.0 N	15.0000	7.0000	20.0000L	0.0 N	2.0000L	1500.0000	10.0000L
A 26F	1.0000	0.0 N	5.0000L	5.0000L	100.0000	100.0000	0.0 N	120.0000	2.0000L	15.0000
M 27F	1.0000L	0.0 N	100.0000	700.0000	70.0000	20.0000	0.0 N	10.0000	300.0000	10.0000L
N 28F	1.0000L	0.0 N	70.0000	700.0000	70.0000	20.0000	0.0 N	2.0000L	150.0000	10.0000L
I 29F	1.0000L	5.0000L	10.0000L	10.0000L	10.0000	70.0000	2.0000L	20.0000L	2.0000L	10.0000
M 30F	1.0000L	0.0 N	70.0000	700.0000	70.0000	70.0000L	0.0 N	2.0000L	100.0000	10.0000L
R 31F	3.0000	0.0 N	0.0 N	0.0 N	3.0000	20.0000L	0.0 N	30.0000	0.0 N	0.0 N
IJ 32F	3.0000	0.0 N	0.0 N	0.0 N	10.0000	0.0 N	0.0 N	20.0000	2.0000L	15.0000
R 33F	3.0000	0.0 N	0.0 N	0.0 N	30.0000	70.0000	0.0 N	20.0000	5.0000L	20.0000
FD 34F	1.0000L	5.0000L	30.0000	2000.0000	7.0000	20.0000L	2.0000L	20.0000L	7.0000	10.0000L
M 35F	1.0000L	0.0 N	70.0000	70.0000	100.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
M 36F	1.0000L	0.0 N	50.0000	70.0000	500.0000	30.0000	0.0 N	2.0000L	70.0000	15.0000
L 37F	1.0000L	5.0000L	20.0000	700.0000	15.0000	30.0000	2.0000L	20.0000L	150.0000	10.0000L
IY 38F	1.0000L	0.0 N	70.0000	700.0000	50.0000	30.0000	0.0 N	10.0000	300.0000	30.0000
3 39F	3.0000	0.0 N	150.0000	5.0000L	700.0000	20.0000L	5.0000	2.0000L	70.0000	9000.0000G
WD 40F	0.0 N	0.0 N	0.0 N	5.0000L	15.0000	20.0000L	0.0 N	2.0000L	5.0000L	70.0000
M 41F	1.0000L	0.0 N	70.0000	700.0000	70.0000	20.0000L	0.0 N	15.0000	200.0000	10.0000L
FD 42F	1.0000L	0.0 N	150.0000	1500.0000	30.0000	20.0000L	0.0 N	2.0000L	1000.0000	10.0000
HK 43F	1.5000	0.0 N	15.0000	70.0000	70.0000	30.0000	0.0 N	15.0000	70.0000	50.0000
IK 44F	1.5000	0.0 N	15.0000	70.0000	70.0000	20.0000L	0.0 N	15.0000	70.0000	30.0000
IK 45F	1.5000	0.0 N	5.0000L	50.0000	30.0000	20.0000L	20.0000	2.0000L	5.0000	150.0000
IK 46F	1.0000L	0.0 N	70.0000	70.0000	70.0000	20.0000L	0.0 N	15.0000	30.0000	10.0000L
KK 47F	1.5000	0.0 N	10.0000	30.0000	100.0000	20.0000L	0.0 N	2.0000L	70.0000	15.0000
A 48F	0.0 N	0.0 N	50.0000	300.0000	30.0000	20.0000L	0.0 N	2.0000L	150.0000	10.0000L
IK 49F	1.0000L	5.0000L	10.0000	50.0000	10.0000	20.0000L	2.0000L	20.0000L	7.0000	10.0000L
IK 50F	1.0000	0.0 N	10.0000	100.0000	150.0000	20.0000L	0.0 N	10.0000	70.0000	10.0000

TABLE 2. ROCK SAMP EAGLE

SAMPLE	SR PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
AF 1F	0.0 N	5.0000L	0.0 N	50.0000L	10.0000	0.0 N	50.0000	0.0 N	500.0000
AF 2F	0.0 N	5.0000L	0.0 N	50.0000L	10.0000	0.0 N	30.0000	0.0 N	500.0000
AF 3F	0.0 N	5.0000	0.0 N	50.0000L	15.0000	0.0 N	70.0000	0.0 N	700.0000
T 4F	0.0 N	5.0000	0.0 N	50.0000L	10.0000L	0.0 N	10.0000	0.0 N	300.0000
D 5F	0.0 N	20.0000	0.0 N	700.0000	30.0000	0.0 N	20.0000	200.0000L	100.0000
D 6F	0.0 N	30.0000	0.0 N	1500.0000	150.0000	0.0 N	20.0000	0.0 N	300.0000
NO 7F	0.0 N	5.0000L	0.0 N	50.0000L	30.0000	0.0 N	10.0000L	0.0 N	70.0000
W 8F	0.0 N	5.0000L	0.0 N	500.0000L	300.0000	0.0 N	10.0000L	0.0 N	150.0000
N 9F	0.0 N	7.0000	0.0 N	50.0000L	30.0000	0.0 N	30.0000	300.0000	50.0000
WO 10F	0.0 N	5.0000	0.0 N	50.0000L	30.0000	50.0000L	10.0000L	0.0 N	150.0000
WO 11F	0.0 N	5.0000L	0.0 N	50.0000L	15.0000	50.0000L	10.0000L	0.0 N	0.0 N
DX 12F	0.0 N	70.0000	0.0 N	700.0000	300.0000	0.0 N	20.0000	0.0 N	70.0000
W 13F	0.0 N	5.0000L	0.0 N	50.0000L	10.0000	50.0000L	0.0 N	0.0 N	0.0 N
W 14F	0.0 N	7.0000	10.0000L	50.0000L	150.0000	0.0 N	20.0000	0.0 N	300.0000
EX 15F	100.0000L	50.0000	0.0 N	700.0000	300.0000	0.0 N	30.0000	0.0 N	150.0000
L 16F	0.0 N	50.0000	0.0 N	200.0000	500.0000	0.0 N	50.0000	0.0 N	200.0000
D 17F	0.0 N	70.0000	0.0 N	1000.0000	500.0000	0.0 N	50.0000	0.0 N	50.0000
EX 18F	0.0 N	0.0 N	1000.0000G	15.0000	0.0 N	0.0 N	0.0 N	0.0 N	30.0000
EX 19F	0.0 N	5.0000	0.0 N	700.0000	70.0000	0.0 N	50.0000	9000.0000G	70.0000
EX 20F	0.0 N	5.0000L	0.0 N	300.0000	70.0000	0.0 N	30.0000	1500.0000	50.0000
CS 21F	0.0 N	30.0000	0.0 N	500.0000	300.0000	0.0 N	30.0000	0.0 N	200.0000
CS 22F	0.0 N	20.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
CS 23F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	20.0000	0.0 N	100.0000
CS 24F	0.0 N	30.0000	0.0 N	700.0000	200.0000	0.0 N	30.0000	0.0 N	300.0000
FH 25F	0.0 N	5.0000	0.0 N	100.0000	30.0000	0.0 N	0.0 N	0.0 N	0.0 N
A 26F	0.0 N	5.0000L	10.0000L	50.0000L	15.0000	0.0 N	20.0000	0.0 N	1000.0000
M 27F	0.0 N	70.0000	0.0 N	150.0000	500.0000	0.0 N	30.0000	0.0 N	300.0000
A 28F	0.0 N	100.0000	0.0 N	1000.0000	300.0000	0.0 N	50.0000	0.0 N	300.0000
I 29F	0.0 N	5.0000L	10.0000L	100.0000L	15.0000	50.0000L	20.0000	200.0000L	300.0000
M 30F	0.0 N	100.0000	0.0 N	100.0000	700.0000	0.0 N	30.0000	0.0 N	100.0000
B 31F	0.0 N	0.0 N	0.0 N	15.0000	0.0 N	0.0 N	30.0000	0.0 N	150.0000
LJ 32F	0.0 N	0.0 N	0.0 N	0.0 N	10.0000L	0.0 N	15.0000	0.0 N	200.0000
B 33F	0.0 N	10.0000	0.0 N	100.0000	10.0000	0.0 N	30.0000	0.0 N	500.0000
FH 34F	0.0 N	7.0000	10.0000L	100.0000L	70.0000	50.0000L	5.0000L	200.0000L	20.0000L
Y 35F	0.0 N	50.0000	0.0 N	100.0000	500.0000	0.0 N	30.0000	200.0000L	70.0000
M 36F	0.0 N	50.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	0.0 N	70.0000
L 37F	0.0 N	15.0000	10.0000L	300.0000	50.0000	50.0000L	10.0000	200.0000L	100.0000
IY 38F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	200.0000L	300.0000
A 39F	0.0 N	5.0000L	0.0 N	50.0000L	30.0000	0.0 N	10.0000	9000.0000G	0.0 N
WO 40F	0.0 N	5.0000L	0.0 N	100.0000	10.0000L	0.0 N	10.0000L	0.0 N	0.0 N
M 41F	0.0 N	50.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	150.0000
FH 42F	0.0 N	20.0000	0.0 N	50.0000L	70.0000	0.0 N	10.0000L	200.0000L	20.0000L
HK 43F	0.0 N	15.0000	10.0000L	50.0000L	150.0000	0.0 N	30.0000	200.0000L	150.0000
IK 44F	0.0 N	20.0000	0.0 N	50.0000L	150.0000	0.0 N	20.0000	200.0000L	300.0000
IK 45F	0.0 N	7.0000	0.0 N	50.0000L	700.0000	0.0 N	10.0000L	0.0 N	70.0000
IG 46F	0.0 N	70.0000	0.0 N	100.0000	200.0000	0.0 N	150.0000	200.0000L	300.0000
NK 47F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	10.0000	200.0000L	70.0000
M 48F	0.0 N	30.0000	0.0 N	50.0000L	150.0000	0.0 N	10.0000	0.0 N	50.0000
IK 49F	0.0 N	5.0000	10.0000L	100.0000L	70.0000	50.0000L	5.0000L	200.0000L	70.0000
IK 50F	0.0 N	10.0000	0.0 N	0.0 N	300.0000	0.0 N	15.0000	0.0 N	100.0000

TABLE 2. ROCK SAMPLE EAGLE

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
IK 51F	5.0000	1.5000	1.0000	0.1500	200.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
O 52F	3.0000	1.5000	3.0000	0.1000	1000.0000	0.5000L	0.0 N	0.0200L	0.0 N	700.0000
N 53F	3.0000	1.5000	5.0000	0.0700	1500.0000	0.0 N	0.0 N	0.0200L	0.0 N	200.0000
N 54F	5.0000	3.0000	7.0000	0.1500	1500.0000	0.0 N	0.0 N	0.0200L	0.0 N	300.0000
N 55F	1.5000	0.7000	0.7000	0.1500	500.0000	0.0 N	0.0 N	0.0200L	0.0 N	700.0000
II 56F	3.0000	0.7000	3.0000	0.1500	1500.0000	0.0 N	0.0 N	0.0200L	0.0 N	200.0000
N 57F	1.5000	0.7000	2.0000	0.2000	700.0000	0.5000L	0.0 N	0.0200L	10.0000L	3000.0000
N 58F	7.0000	2.0000	15.0000	0.5000	3000.0000	0.5000L	0.0 N	0.0200L	0.0 N	2000.0000
N 59F	10.0000	2.0000	3.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
N 60F	10.0000	2.0000	2.0000	0.7000	2000.0000	0.5000L	0.0 N	0.0200L	50.0000	1500.0000
JI 61F	15.0000	5.0000	15.0000	0.7000	2000.0000	0.0 N	0.0 N	0.0200L	100.0000	1500.0000
N 62F	7.0000	3.0000	7.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1000.0000
IY 63F	0.1000	0.7000	15.0000	0.1500	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	300.0000
JI 64F	10.0000	5.0000	7.0000	0.7000	2000.0000	0.0 N	0.0 N	0.0200L	20.0000	3000.0000
K 65F	10.0000	5.0000	5.0000	0.7000	1500.0000	0.0 N	0.0 N	0.0200L	0.0 N	3000.0000
N 66F	0.7000	0.3000	0.1000	0.1500	300.0000	0.5000L	200.0000L	0.0 B	10.0000	200.0000
FD 67F	3.0000	10.0000L	2.0000	0.0100L	500.0000	0.5000L	200.0000L	0.0 B	10.0000L	100.0000L
IJ 68F	15.0000	5.0000	7.0000	0.7000	3000.0000	0.7000	0.0 N	5.0000	10.0000	2000.0000
IJ 69F	7.0000	5.0000	7.0000	0.7000	2000.0000	0.0 N	0.0 N	0.0200L	10.0000L	2000.0000
CI 70F	5.0000	1.5000	2.0000	0.1500	1000.0000	0.0 N	0.0 N	0.0200L	0.0 N	2000.0000
CI 71F	7.0000	1.5000	3.0000	0.0200	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
WO 72F	0.1000L	0.1000L	0.0500L	0.0100L	150.0000	0.0 N	0.0 N	0.0200L	0.0 N	0.0 N
NO 73F	3.0000	5.0000	7.0000	0.0100	100.0000	0.5000L	0.0 N	0.0200L	30.0000	1000.0000
DU 74F	5.0000	0.3000	5.0000	0.2000	200.0000	0.5000	0.0 N	0.0200L	100.0000	700.0000
NU 75F	10.0000	1.5000	2.0000	0.5000	300.0000	0.5000L	0.0 N	0.0200L	700.0000	200.0000
I 76F	5.0000	1.5000	1.5000	0.3000	200.0000	0.5000L	0.0 N	0.0200L	200.0000	300.0000
DU 77F	10.0000	1.5000	2.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	30.0000	700.0000
NU 78F	3.0000	0.7000	1.5000	0.1500	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
DU 79F	0.2000	0.2000	10.0000	0.0300	200.0000	0.0 N	0.0 N	0.0200L	10.0000	150.0000
DU 80F	3.0000	0.5000	3.0000	0.5000	70.0000	0.7000	0.0 N	0.0200L	30.0000	500.0000
O 81F	0.5000	2.0000	20.0000G	0.0200	150.0000	0.0 N	0.0 N	0.0200L	0.0 N	50.0000
N 82F	5.0000	1.5000	10.0000	0.5000	300.0000	0.0 N	0.0 N	0.0200L	50.0000	700.0000
K 83F	15.0000	7.0000	15.0000	0.3000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000	70.0000
JI 84F	10.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
JI 85F	15.0000	7.0000	7.0000	1.0000G	1500.0000	0.5000L	0.0 N	0.0200L	10.0000	70.0000
IH 86F	15.0000	7.0000	7.0000	1.0000G	2000.0000	0.0 N	0.0 N	0.0200L	10.0000	1000.0000
JI 87F	20.0000G	10.0000	10.0000	1.0000G	5000.0000	0.0 N	0.0 N	0.0200L	10.0000	700.0000
K 88F	20.0000	7.0000	15.0000	1.0000G	3000.0000	0.0 N	0.0 N	0.0200L	10.0000	5.0000L
N 89F	3.0000	10.0000	10.0000	0.2000	5000.0000	0.0 N	0.0 N	0.0200L	10.0000L	5000.0000
O 90F	3.0000	0.7000	1.5000	0.1500	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
EX 91F	7.0000	10.0000	20.0000	0.2000	1500.0000	0.5000L	0.0 N	0.0200L	10.0000L	70.0000
O 92F	0.1000L	0.7000	20.0000G	0.0100	150.0000	0.0 N	0.0 N	0.0200L	0.0 N	5.0000L
II 93F	7.0000	3.0000	2.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	70.0000	1500.0000
BN 94F	3.0000	0.3000	0.3000	0.1500	300.0000	0.5000L	200.0000L	0.0200L	70.0000	700.0000
BN 95F	3.0000	0.3000	0.1500	0.0200	300.0000	0.5000L	200.0000L	0.0200L	30.0000	700.0000
II 96F	20.0000	7.0000	5.0000	1.0000G	2000.0000	0.5000L	0.0 N	0.0200L	10.0000L	700.0000
R 97F	3.0000	1.0000	1.0000	0.3000	500.0000	0.5000L	0.0 N	0.0200L	0.0 N	1500.0000
BF 98F	1.5000	0.1000	0.0500L	0.0700	100.0000	0.0 N	0.0 N	0.0200L	0.0 N	500.0000
EX 99F	7.0000	3.0000	5.0000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
CX 00F	7.0000	3.0000	3.0000	0.5000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000

TABLE 2. ROCK SAMP EAGLE

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
IK 51F	1.0000L	0.0 N	5.0000	20.0000	20.0000	20.0000L	0.0 N	2.0000L	30.0000	10.0000L
O 52F	1.0000L	0.0 N	5.0000L	15.0000	7.0000	20.0000L	0.0 N	2.0000L	7.0000	10.0000L
N 53F	1.0000L	0.0 N	5.0000L	15.0000	30.0000	20.0000L	0.0 N	2.0000L	15.0000	10.0000L
N 54F	1.0000L	0.0 N	5.0000L	70.0000	15.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000L
N 55F	1.0000	0.0 N	10.0000	70.0000	30.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000L
II 56F	1.0000L	0.0 N	30.0000	50.0000	10.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000L
N 57F	1.0000L	0.0 N	5.0000L	70.0000	70.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000L
N 58F	1.0000L	0.0 N	10.0000	30.0000	50.0000	20.0000L	0.0 N	2.0000L	10.0000	10.0000L
N 59F	1.0000L	0.0 N	15.0000	50.0000	50.0000	20.0000L	0.0 N	2.0000L	30.0000	10.0000
N 60F	1.0000L	0.0 N	15.0000	15.0000	100.0000	20.0000L	0.0 N	2.0000L	30.0000	10.0000L
JI 61F	1.0000L	0.0 N	15.0000	70.0000	50.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
N 62F	1.0000L	0.0 N	15.0000	70.0000	70.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
IY 63F	0.0 N	0.0 N	10.0000	10.0000	70.0000	0.0 N	0.0 N	2.0000L	5.0000L	10.0000L
JI 64F	1.0000	0.0 N	15.0000	30.0000	100.0000	20.0000L	0.0 N	2.0000L	50.0000	15.0000
K 65F	1.0000L	0.0 N	20.0000	70.0000	100.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000
N 66F	1.0000L	5.0000L	10.0000L	50.0000	5.0000	150.0000	2.0000L	20.0000L	15.0000	10.0000L
FO 67F	1.0000L	5.0000L	50.0000L	2000.0000	15.0000	20.0000L	2.0000L	20.0000L	1000.0000	10.0000L
IJ 68F	1.0000L	0.0 N	70.0000	70.0000	50.0000	20.0000L	0.0 N	2.0000L	10.0000	15.0000
IJ 69F	1.0000L	0.0 N	15.0000	30.0000	20.0000	20.0000L	0.0 N	2.0000L	5.0000	15.0000
CI 70F	1.0000L	0.0 N	7.0000	10.0000	10.0000	20.0000L	0.0 N	2.0000L	5.0000L	15.0000
CI 71F	1.0000L	10.0000	70.0000	7.0000	5.0000	20.0000L	0.0 N	2.0000L	5.0000L	10.0000L
WO 72F	0.0 N	0.0 N	0.0 N	5.0000L	5.0000	20.0000L	0.0 N	2.0000L	5.0000L	10.0000L
NO 73F	1.0000L	0.0 N	0.0 N	15.0000	10.0000	20.0000L	5.0000	2.0000L	10.0000	30.0000
OU 74F	1.0000L	0.0 N	15.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	50.0000	20.0000
NU 75F	1.0000	0.0 N	5.0000L	150.0000	30.0000	20.0000L	0.0 N	2.0000L	30.0000	15.0000
I 76F	1.5000	0.0 N	7.0000	70.0000	50.0000	20.0000	5.0000L	2.0000L	30.0000	15.0000
DU 77F	1.0000L	0.0 N	15.0000	15.0000	30.0000	50.0000	5.0000L	2.0000L	150.0000	10.0000
NU 78F	1.0000L	0.0 N	7.0000	5.0000L	0.0 N	20.0000L	0.0 N	2.0000L	5.0000L	15.0000
OU 79F	0.0 N	0.0 N	5.0000L	30.0000	5.0000	20.0000L	0.0 N	2.0000L	15.0000	10.0000L
NU 80F	0.0 N	0.0 N	5.0000L	30.0000	20.0000	20.0000	0.0 N	2.0000L	30.0000	10.0000
U 81F	0.0 N	0.0 N	0.0 N	100.0000	5.0000L	20.0000L	0.0 N	2.0000L	5.0000L	10.0000L
N 82F	1.5000	0.0 N	15.0000	100.0000	50.0000	30.0000	0.0 N	10.0000	50.0000	20.0000
K 83F	0.0 N	0.0 N	70.0000	100.0000	70.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000
JI 84F	1.5000	0.0 N	15.0000	150.0000	70.0000	30.0000	0.0 N	15.0000	70.0000	20.0000
JI 85F	0.0 N	0.0 N	100.0000	150.0000	300.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000L
IO 86F	1.5000	0.0 N	70.0000	15.0000	70.0000	70.0000	0.0 N	70.0000	10.0000	15.0000
II 87F	0.0 N	0.0 N	100.0000	150.0000	70.0000	0.0 N	0.0 N	2.0000L	70.0000	10.0000L
K 88F	1.0000L	0.0 N	100.0000	150.0000	70.0000	20.0000L	0.0 N	10.0000	100.0000	10.0000L
N 89F	0.0 N	0.0 N	15.0000	70.0000	15.0000	20.0000	0.0 N	2.0000L	100.0000	10.0000L
C 90F	1.0000L	0.0 N	7.0000	5.0000L	0.0 N	20.0000L	0.0 N	2.0000L	15.0000	10.0000L
FX 91F	1.0000L	0.0 N	70.0000	700.0000	7.0000	20.0000L	0.0 N	2.0000L	20.0000	15.0000
O 92F	0.0 N	0.0 N	0.0 N	0.0 N	5.0000L	0.0 N	0.0 N	2.0000L	0.0 N	30.0000
II 93F	1.0000	0.0 N	20.0000	70.0000	70.0000	20.0000	0.0 N	15.0000	70.0000	20.0000
BN 94F	7.0000	0.0 N	5.0000L	5.0000L	30.0000	30.0000	5.0000	50.0000	2.0000L	150.0000
BN 95F	3.0000	0.0 N	5.0000L	5.0000L	15.0000	70.0000	7.0000	30.0000	2.0000L	150.0000
II 96F	0.0 N	0.0 N	70.0000	10.0000	300.0000	20.0000L	0.0 N	2.0000L	10.0000	15.0000
R 97F	1.5000	0.0 N	5.0000L	7.0000	15.0000	30.0000	0.0 N	10.0000	15.0000	70.0000
BE 98F	1.0000L	0.0 N	0.0 N	5.0000L	15.0000	20.0000L	0.0 N	70.0000	5.0000L	100.0000
FX 99F	3.0000	0.0 N	15.0000	100.0000	30.0000	30.0000	0.0 N	15.0000	20.0000	150.0000
CX 00F	2.0000	0.0 N	15.0000	15.0000	70.0000	30.0000	0.0 N	10.0000	20.0000	70.0000

TABLE 2. ROCK SAMP EAGLE

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
IK 51F	0.0 N	15.0000	0.0 N	50.0000L	100.0000	0.0 N	15.0000	200.0000L	100.0000
D 52F	0.0 N	5.0000	0.0 N	150.0000	50.0000	0.0 N	10.0000L	0.0 N	70.0000
N 53F	0.0 N	7.0000	0.0 N	50.0000L	30.0000	0.0 N	15.0000	0.0 N	70.0000
N 54F	0.0 N	7.0000	0.0 N	50.0000L	50.0000	0.0 N	15.0000	0.0 N	70.0000
N 55F	0.0 N	5.0000L	0.0 N	0.0 N	100.0000	0.0 N	20.0000	0.0 N	200.0000
II 56F	0.0 N	10.0000	0.0 N	50.0000L	70.0000	0.0 N	20.0000	200.0000L	70.0000
N 57F	0.0 N	10.0000	0.0 N	50.0000L	150.0000	0.0 N	10.0000L	200.0000L	70.0000
N 58F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
N 59F	0.0 N	20.0000	0.0 N	100.0000	200.0000	0.0 N	20.0000	0.0 N	150.0000
N 60F	0.0 N	20.0000	0.0 N	50.0000L	200.0000	0.0 N	30.0000	200.0000L	150.0000
JI 61F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	0.0 N	500.0000
N 62F	0.0 N	20.0000	0.0 N	50.0000L	300.0000	0.0 N	20.0000	0.0 N	150.0000
IY 63F	0.0 N	5.0000L	0.0 N	50.0000L	50.0000	0.0 N	20.0000	0.0 N	0.0 N
JI 64F	0.0 N	30.0000	0.0 N	200.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
K 65F	0.0 N	30.0000	0.0 N	300.0000	300.0000	0.0 N	30.0000	200.0000L	200.0000
N 66F	0.0 N	5.0000L	10.0000L	100.0000L	30.0000	50.0000L	30.0000	200.0000L	70.0000
FO 67F	0.0 N	5.0000L	10.0000L	300.0000	10.0000L	50.0000L	5.0000L	200.0000L	20.0000L
IJ 68F	0.0 N	20.0000	0.0 N	700.0000	300.0000	0.0 N	15.0000	0.0 N	70.0000
IJ 69F	0.0 N	30.0000	0.0 N	1500.0000	300.0000	0.0 N	30.0000	0.0 N	100.0000
CI 70F	0.0 N	10.0000	0.0 N	700.0000	150.0000	0.0 N	15.0000	0.0 N	100.0000
CI 71F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	10.0000L	200.0000L	300.0000
KO 72F	0.0 N	0.0 N	0.0 N	50.0000L	15.0000	0.0 N	30.0000	0.0 N	0.0 N
MO 73F	0.0 N	5.0000L	0.0 N	300.0000	70.0000	0.0 N	10.0000	200.0000L	30.0000
DO 74F	0.0 N	15.0000	0.0 N	300.0000	100.0000	0.0 N	10.0000L	0.0 N	70.0000
MO 75F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	200.0000L	300.0000
I 76F	0.0 N	15.0000	0.0 N	50.0000L	150.0000	0.0 N	10.0000L	200.0000L	150.0000
DO 77F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	300.0000	200.0000
NO 78F	0.0 N	7.0000	0.0 N	500.0000	50.0000	0.0 N	15.0000	200.0000L	70.0000
DO 79F	0.0 N	5.0000	0.0 N	100.0000	20.0000	0.0 N	10.0000	0.0 N	30.0000
DO 80F	0.0 N	15.0000	0.0 N	100.0000	150.0000	0.0 N	20.0000	200.0000L	100.0000
O 81F	0.0 N	0.0 N	0.0 N	300.0000	15.0000	0.0 N	20.0000	0.0 N	20.0000L
N 82F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	15.0000	200.0000L	150.0000
K 83F	0.0 N	70.0000	0.0 N	300.0000	500.0000	0.0 N	10.0000	200.0000L	20.0000L
JI 84F	0.0 N	20.0000	0.0 N	100.0000	150.0000	0.0 N	30.0000	200.0000L	500.0000
JI 85F	0.0 N	100.0000	0.0 N	150.0000	500.0000	0.0 N	70.0000	0.0 N	200.0000
IH 86F	0.0 N	30.0000	0.0 N	700.0000	150.0000	0.0 N	50.0000	0.0 N	300.0000
JI 87F	0.0 N	100.0000	0.0 N	100.0000	700.0000	0.0 N	70.0000	200.0000L	70.0000
K 88F	0.0 N	70.0000	0.0 N	50.0000L	1000.0000	0.0 N	70.0000	0.0 N	100.0000
N 89F	0.0 N	20.0000	0.0 N	50.0000L	150.0000	0.0 N	10.0000L	200.0000L	70.0000
O 90F	0.0 N	5.0000	0.0 N	100.0000	20.0000	0.0 N	10.0000	0.0 N	30.0000
EX 91F	0.0 N	100.0000G	0.0 N	150.0000	300.0000	0.0 N	15.0000	200.0000L	20.0000
O 92F	0.0 N	0.0 N	0.0 N	300.0000	15.0000	0.0 N	0.0 N	0.0 N	0.0 N
II 93F	0.0 N	30.0000	0.0 N	50.0000L	300.0000	0.0 N	30.0000	200.0000L	150.0000
RN 94F	0.0 N	5.0000L	50.0000	50.0000L	15.0000	0.0 N	70.0000	200.0000L	500.0000
RM 95F	0.0 N	5.0000L	30.0000	50.0000L	15.0000	0.0 N	70.0000	200.0000L	300.0000
II 96F	0.0 N	70.0000	0.0 N	50.0000L	700.0000	0.0 N	30.0000	200.0000L	70.0000
R 97F	0.0 N	7.0000	0.0 N	700.0000	150.0000	0.0 N	10.0000	0.0 N	300.0000
RF 98F	0.0 N	0.0 N	10.0000L	150.0000	15.0000	50.0000L	70.0000	0.0 N	20.0000L
FX 99F	0.0 N	30.0000	0.0 N	1500.0000	300.0000	0.0 N	30.0000	200.0000L	200.0000
CX 00F	0.0 N	20.0000	0.0 N	1500.0000	200.0000	0.0 N	20.0000	200.0000L	150.0000

TABLE 2. ROCK SAMPLE EAGLE

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
CX101F	5.0000	3.0000	2.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
DX102F	5.0000	2.0000	2.0000	0.3000	1000.0000	0.0 N	200.0000L	0.0200L	10.0000L	1500.0000
WS103F	0.1000N	0.1000	0.0700	0.0100L	30.0000	0.0 N	0.0 N	0.0200L	0.0 N	0.0 N
AA104F	0.7000	0.1000	0.7000	0.0300	150.0000	0.0 N	0.0 N	0.0200L	0.0 N	1500.0000
FF105F	10.0000	1.5000	0.5000	0.3000	1000.0000	0.5000L	0.0 N	0.0200L	10.0000L	1500.0000
FF106F	10.0000	1.5000	2.0000	1.0000	700.0000	0.5000L	0.0 N	0.0200L	10.0000L	1500.0000
II107F	7.0000	2.0000	1.5000	0.7000	1500.0000	0.5000L	0.0 N	0.0200L	30.0000	1500.0000
CF108F	3.0000	0.7000	0.1500	0.2000	500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
NS109F	3.0000	0.5000	0.1500	0.1500	200.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
AX110F	3.0000	1.0000	1.0000	0.1500	300.0000	0.0 N	0.0 N	0.0200L	0.0 N	3000.0000
DF111F	5.0000	1.5000	3.0000	0.3000	700.0000	0.5000L	0.0 N	0.0200L	10.0000L	1000.0000
JI112F	7.0000	3.0000	7.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	300.0000
JI113F	5.0000	1.5000	2.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
AB114F	3.0000	1.5000	2.0000	0.2000	500.0000	0.5000L	0.0 N	0.0200L	0.0 N	1500.0000
JS115F	3.0000	1.0000	1.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	500.0000
L 116F	7.0000	2.0000	3.0000	0.7000	1500.0000	0.5000L	0.0 N	0.0200L	10.0000L	700.0000
LS117F	10.0000	7.0000	5.0000	1.0000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	70.0000
NS118F	3.0000	0.7000	0.7000	0.1500	300.0000	0.0 N	0.0 N	0.0200L	0.0 N	700.0000
NX119F	10.0000	0.3000	0.0500L	0.1000	200.0000	1.5000	200.0000L	0.0200L	20.0000	700.0000
W 120F	0.2000	0.1000	0.1500	0.0100	20.0000	0.0 N	0.0 N	0.0200L	0.0 N	70.0000
W 121F	0.3000	0.2000	0.0500L	0.1500	10.0000L	0.7000	0.0 N	0.0200L	10.0000L	1500.0000
3V122F	3.0000	0.5000	0.3000	0.0100L	5000.0000	300.0000	200.0000L	0.0400	0.0 N	0.0 N
3V123F	1.5000	0.2000	0.1500	0.0700	1500.0000	1000.0000	200.0000	0.0400	0.0 N	5.0000L
2V124F	0.1000	0.0 N	0.0700	0.0100L	50.0000	0.5000L	0.0 N	0.0200L	0.0 N	50.0000
NS125F	1.0000	5.0000	20.0000G	0.1500	2000.0000	5.0000	0.0 N	0.0200L	0.0 N	3000.0000
XN126F	20.0000G	0.2000	20.0000G	0.0700	2000.0000	30.0000	0.0 N	0.4000	10.0000	5.0000L
XS127F	20.0000	0.2000	20.0000G	0.0200	5000.0000	30.0000	0.0 N	0.0200	0.5000	0.0 N
DS128F	10.0000	2.0000	20.0000G	0.0500	5000.0000G	150.0000	0.0 N	0.0800	10.0000L	0.0 N
N 129F	1.5000	0.2000	7.0000	0.2000	2000.0000	0.0 N	0.0 N	0.0200L	0.0 N	2000.0000
DS130F	7.0000	2.0000	20.0000G	0.0500	3000.0000	50.0000	0.0 N	0.0800	10.0000L	70.0000
ND131F	20.0000G	0.5000	0.7000	0.0500	300.0000	15.0000	700.0000	0.0400	20.0000	100.0000
BQ132F	1.5000	0.7000	0.0700	0.1500	150.0000	0.7000	0.0 N	0.0200L	70.0000	150.0000
BQ133F	1.5000	0.7000	0.3000	0.1500	300.0000	0.5000	0.0 N	0.0200L	30.0000	700.0000
WR134F	7.0000	3.0000	0.7000	0.3000	2000.0000	2.0000	0.0 N	0.0200L	10.0000	150.0000
WR135F	3.0000	0.7000	3.0000	0.1500	2000.0000	1.5000	0.0 N	0.0200L	10.0000L	150.0000
WQ136F	15.0000	0.2000	0.1500	0.0200	300.0000	7.0000	0.0 N	0.0200L	10.0000	5.0000L
W 137F	0.7000	0.1000	0.0500	0.0300	5000.0000	3.0000	0.0 N	0.0600	10.0000L	700.0000
M 138F	7.0000	3.0000	3.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
M 139F	1.5000	0.7000	0.7000	0.0700	300.0000	0.7000	0.0 N	0.0200L	10.0000L	700.0000
M 140F	2.0000	1.5000	0.7000	0.1500	700.0000	0.0 N	200.0000L	0.0200L	0.0 N	700.0000
M 141F	7.0000	3.0000	7.0000	0.7000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	300.0000
M 142F	10.0000	3.0000	0.3000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	300.0000
M 143F	5.0000	5.0000	5.0000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	300.0000
M 144F	3.0000	0.3000	2.0000	0.3000	300.0000	0.0 N	200.0000L	0.0200L	10.0000L	1500.0000
M 145F	7.0000	2.0000	3.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	0.0 N	70.0000
M 146F	5.0000	2.0000	5.0000	0.5000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	150.0000
M 147F	10.0000	3.0000	7.0000	0.7000	1000.0000	0.5000L	0.0 N	0.0200L	10.0000L	150.0000
M 148F	5.0000	7.0000	10.0000	0.1000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	20.0000
D 149F	3.0000	2.0000	3.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	10.0000L	1000.0000
WV150F	3.0000	0.7000	0.3000	0.1500	70.0000	0.0 N	0.0 N	0.0200L	70.0000	700.0000

TABLE 2. ROCK SAMPLE

SAMPLE	BE PPM	BI PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
CX101F	2.0000	0.0 N	15.0000	50.0000	15.0000	20.0000	0.0 N	10.0000	15.0000	100.0000
DX102F	2.0000	0.0 N	10.0000	15.0000	15.0000	20.0000	0.0 N	10.0000	10.0000	150.0000
WS103F	0.0 N	0.0 N	5.0000L	0.0 N	10.0000	20.0000L	0.0 N	2.0000L	5.0000	0.0 N
AA104F	1.0000	0.0 N	0.0 N	5.0000L	7.0000	0.0 N	0.0 N	2.0000L	5.0000	15.0000
EE105F	1.5000	0.0 N	10.0000	5.0000L	7.0000	50.0000	0.0 N	30.0000	2.0000L	50.0000
EE106F	1.5000	0.0 N	15.0000	15.0000	7.0000	30.0000	0.0 N	20.0000	2.0000L	20.0000
II107F	1.0000L	0.0 N	15.0000	30.0000	100.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000
CF108F	1.0000	0.0 N	5.0000L	5.0000L	7.0000	30.0000	0.0 N	10.0000	2.0000L	15.0000
NS109F	1.0000L	0.0 N	5.0000L	5.0000L	7.0000	20.0000L	15.0000	2.0000L	5.0000L	10.0000L
AX110F	1.0000L	0.0 N	10.0000	10.0000	70.0000	0.0 N	0.0 N	2.0000L	7.0000	15.0000
DF111F	1.0000	0.0 N	30.0000	15.0000	30.0000	30.0000	0.0 N	2.0000L	20.0000	20.0000
JI112F	1.0000L	0.0 N	30.0000	150.0000	50.0000	20.0000	0.0 N	15.0000	70.0000	15.0000
JI113F	1.0000L	0.0 N	15.0000	150.0000	50.0000	20.0000L	0.0 N	2.0000L	70.0000	15.0000
AB114F	1.5000	0.0 N	15.0000	50.0000	70.0000	30.0000	0.0 N	10.0000	7.0000	20.0000
JS115F	1.0000L	0.0 N	10.0000	15.0000	10.0000	20.0000L	0.0 N	2.0000L	7.0000	10.0000L
L 116F	1.0000L	0.0 N	20.0000	30.0000	70.0000	20.0000	0.0 N	2.0000L	20.0000	10.0000
LS117F	0.0 N	0.0 N	70.0000	500.0000	70.0000	20.0000L	0.0 N	2.0000L	70.0000	10.0000L
NS118F	1.0000L	0.0 N	5.0000L	15.0000	7.0000	20.0000	0.0 N	2.0000L	5.0000L	10.0000L
NV119F	1.0000L	0.0 N	5.0000L	15.0000	100.0000	20.0000L	0.0 N	2.0000L	50.0000	1000.0000
W 120F	1.0000L	0.0 N	5.0000L	5.0000L	5.0000L	0.0 N	0.0 N	2.0000L	0.0 N	10.0000L
W 121F	1.0000L	0.0 N	0.0 N	50.0000	5.0000L	0.0 N	20.0000	2.0000L	0.0 N	150.0000
3V122F	1.0000L	0.0 N	5.0000L	5.0000	1500.0000	20.0000L	0.0 N	2.0000L	2.0000L	9000.0000G
3V123F	1.0000L	0.0 N	5.0000L	50.0000	3000.0000G	0.0 N	0.0 N	2.0000L	5.0000L	9000.0000G
2V124F	1.0000L	0.0 N	5.0000L	5.0000L	20.0000	20.0000L	0.0 N	2.0000L	5.0000L	36.0000
NS125F	0.0 N	200.0000	5.0000L	70.0000	500.0000	0.0 N	0.0 N	2.0000L	70.0000	700.0000
XN126F	0.0 N	700.0000	0.0 N	70.0000	9000.0000G	20.0000L	5.0000L	2.0000L	20.0000	300.0000
XS127F	0.0 N	1000.0000G	5.0000L	30.0000	9000.0000G	20.0000L	5.0000L	10.0000	50.0000	1500.0000
DS128F	0.0 N	1000.0000G	20.0000	70.0000	9000.0000G	20.0000L	0.0 N	2.0000L	70.0000	70.0000
N 129F	1.0000L	30.0000	5.0000L	70.0000	500.0000	0.0 N	0.0 N	2.0000L	70.0000	150.0000
DS130F	0.0 N	1000.0000G	15.0000	70.0000	9000.0000G	20.0000L	0.0 N	2.0000L	50.0000	300.0000
WQ131F	1.5000	70.0000	150.0000	30.0000	700.0000	20.0000L	50.0000	20.0000	70.0000	300.0000
BQ132F	3.0000	0.0 N	5.0000L	15.0000	30.0000	20.0000	0.0 N	15.0000	7.0000	300.0000
BQ133F	1.5000	0.0 N	5.0000L	10.0000	7.0000	20.0000L	0.0 N	15.0000	7.0000	300.0000
WR134F	1.0000L	20.0000	30.0000	70.0000	1500.0000	20.0000L	0.0 N	10.0000	70.0000	500.0000
WR135F	1.0000L	0.0 N	70.0000	15.0000	9000.0000G	20.0000L	0.0 N	2.0000L	70.0000	300.0000
WQ136F	1.5000L	20.0000	15.0000	15.0000	1500.0000	20.0000	15.0000	10.0000	10.0000	150.0000
W 137F	1.0000	0.0 N	0.0 N	30.0000	5.0000L	0.0 N	50.0000	2.0000L	0.0 N	150.0000
W 138F	1.0000	0.0 N	15.0000	70.0000	20.0000	30.0000	0.0 N	2.0000L	15.0000	10.0000L
W 139F	1.0000L	0.0 N	5.0000L	10.0000	30.0000	20.0000	0.0 N	2.0000L	5.0000L	300.0000
M 140F	1.0000L	0.0 N	5.0000L	10.0000	15.0000	20.0000L	0.0 N	2.0000L	5.0000L	150.0000
M 141F	1.0000L	0.0 N	20.0000	200.0000	100.0000	20.0000L	5.0000L	2.0000L	70.0000	10.0000L
M 142F	0.0 N	0.0 N	50.0000	15.0000	70.0000	20.0000L	0.0 N	2.0000L	20.0000	10.0000L
M 143F	1.0000L	0.0 N	50.0000	700.0000	100.0000	30.0000	0.0 N	2.0000L	100.0000	10.0000
M 144F	1.0000L	0.0 N	5.0000L	5.0000L	7.0000	20.0000L	0.0 N	2.0000L	0.0 N	10.0000L
M 145F	1.0000L	0.0 N	30.0000	15.0000	15.0000	20.0000L	7.0000	2.0000L	15.0000	10.0000L
M 146F	1.0000L	0.0 N	15.0000	20.0000	7.0000	0.0 N	0.0 N	2.0000L	7.0000	10.0000
M 147F	1.0000L	0.0 N	70.0000	70.0000	700.0000	0.0 N	0.0 N	2.0000L	50.0000	10.0000L
M 148F	0.0 N	0.0 N	70.0000	500.0000	70.0000	20.0000L	0.0 N	2.0000L	150.0000	10.0000
D 149F	1.0000L	0.0 N	10.0000	15.0000	10.0000	20.0000	0.0 N	2.0000L	5.0000L	15.0000
WV150F	0.0 N	0.0 N	20.0000	70.0000	100.0000	0.0 N	3.0000	2.0000L	50.0000	10.0000

TABLE 2. ROCK SAMPLE

SAMPLE	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
CX101F	0.0 N	20.0000	0.0 N	700.0000	200.0000	0.0 N	15.0000	200.0000L	100.0000
DX102F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	10.0000	0.0 N	150.0000
WS103F	0.0 N	0.0 N	0.0 N	0.0 N	15.0000	0.0 N	0.0 N	0.0 N	0.0 N
AA104F	0.0 N	0.0 N	0.0 N	1000.0000	15.0000	0.0 N	10.0000L	0.0 N	70.0000
FF105F	0.0 N	15.0000	10.0000L	100.0000	10.0000	0.0 N	70.0000	200.0000L	500.0000
FF106F	0.0 N	15.0000	10.0000L	300.0000	100.0000	0.0 N	70.0000	200.0000L	300.0000
II107F	0.0 N	20.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	100.0000
CF108F	0.0 N	7.0000	0.0 N	300.0000	50.0000	0.0 N	10.0000	0.0 N	100.0000
NS109F	0.0 N	10.0000	0.0 N	100.0000	30.0000	0.0 N	15.0000	0.0 N	150.0000
AX110F	0.0 N	5.0000L	0.0 N	700.0000	70.0000	0.0 N	10.0000L	0.0 N	100.0000
DF111F	0.0 N	15.0000	0.0 N	700.0000	100.0000	0.0 N	20.0000	0.0 N	100.0000
JI112F	0.0 N	30.0000	10.0000L	500.0000	200.0000	0.0 N	15.0000	0.0 N	100.0000
JI113F	0.0 N	20.0000	10.0000L	300.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
AR114F	0.0 N	15.0000	15.0000	700.0000	150.0000	0.0 N	20.0000	0.0 N	150.0000
JS115F	0.0 N	20.0000	0.0 N	150.0000	50.0000	0.0 N	30.0000	0.0 N	150.0000
L 116F	0.0 N	30.0000	0.0 N	1000.0000	200.0000	0.0 N	30.0000	0.0 N	100.0000
LS117F	0.0 N	50.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	70.0000
NS118F	0.0 N	7.0000	0.0 N	150.0000	10.0000L	0.0 N	50.0000	0.0 N	200.0000
NV119F	0.0 N	5.0000L	0.0 N	50.0000L	100.0000	50.0000L	0.0 N	3000.0000	70.0000
W 120F	0.0 N	0.0 N	0.0 N	50.0000L	10.0000L	0.0 N	10.0000L	0.0 N	20.0000L
W 121F	0.0 N	0.0 N	0.0 N	50.0000L	700.0000	0.0 N	10.0000L	0.0 N	70.0000
BV122F	700.0000	5.0000L	0.0 N	15.0000	15.0000	50.0000L	15.0000	9000.0000G	0.0 N
BV123F	1500.0000	0.0 N	30.0000	300.0000	50.0000	0.0 N	0.0 N	9000.0000G	50.0000
BV124F	9000.0000G	5.0000L	0.0 N	50.0000L	15.0000	0.0 N	10.0000L	200.0000L	0.0 N
NS125F	0.0 N	7.0000	0.0 N	500.0000	50.0000	0.0 N	20.0000	300.0000	70.0000
XM126F	100.0000L	0.0 N	10.0000L	0.0 N	70.0000	0.0 N	15.0000	1000.0000	20.0000L
XS127F	0.0 N	0.0 N	10.0000L	50.0000L	70.0000	0.0 N	20.0000	500.0000	20.0000L
DS128F	0.0 N	5.0000L	0.0 N	50.0000L	70.0000	0.0 N	30.0000	300.0000	20.0000L
W 129F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	10.0000L	300.0000	70.0000
DS130F	0.0 N	0.0 N	0.0 N	0.0 N	20.0000	50.0000L	15.0000	1500.0000	20.0000L
NO131F	100.0000	5.0000L	0.0 N	50.0000L	70.0000	0.0 N	10.0000	7000.0000	20.0000L
BO132F	0.0 N	5.0000L	0.0 N	50.0000L	30.0000	0.0 N	10.0000L	500.0000	150.0000
BO133F	0.0 N	5.0000L	10.0000L	100.0000	30.0000	0.0 N	10.0000	200.0000L	70.0000
WR134F	0.0 N	30.0000	0.0 N	700.0000	300.0000	0.0 N	15.0000	9000.0000G	70.0000
WX135F	0.0 N	7.0000	0.0 N	200.0000	50.0000	0.0 N	30.0000	3000.0000	70.0000
WO136F	0.0 N	5.0000L	0.0 N	50.0000L	30.0000	0.0 N	50.0000	9000.0000G	20.0000L
W 137F	0.0 N	0.0 N	0.0 N	150.0000	10.0000L	0.0 N	10.0000L	0.0 N	15.0000
M 138F	0.0 N	20.0000	0.0 N	1500.0000	150.0000	0.0 N	20.0000	0.0 N	100.0000
M 139F	0.0 N	5.0000	0.0 N	200.0000	30.0000	0.0 N	20.0000	500.0000	70.0000
M 140F	0.0 N	5.0000	0.0 N	300.0000	30.0000	0.0 N	10.0000L	300.0000	100.0000
M 141F	0.0 N	30.0000	0.0 N	700.0000	150.0000	0.0 N	10.0000	0.0 N	70.0000
M 142F	0.0 N	30.0000	0.0 N	150.0000	150.0000	0.0 N	15.0000	0.0 N	50.0000
M 143F	0.0 N	30.0000	0.0 N	700.0000	100.0000	0.0 N	15.0000	0.0 N	70.0000
M 144F	0.0 N	5.0000	0.0 N	150.0000	10.0000	0.0 N	30.0000	0.0 N	200.0000
M 145F	0.0 N	30.0000	0.0 N	300.0000	150.0000	0.0 N	30.0000	200.0000L	100.0000
M 146F	0.0 N	20.0000	10.0000	700.0000	100.0000	0.0 N	20.0000	0.0 N	70.0000
M 147F	0.0 N	30.0000	0.0 N	1000.0000	300.0000	0.0 N	30.0000	0.0 N	70.0000
M 148F	0.0 N	20.0000	0.0 N	700.0000	30.0000	0.0 N	0.0 N	0.0 N	0.0 N
M 149F	0.0 N	10.0000	0.0 N	150.0000	70.0000	0.0 N	10.0000	0.0 N	70.0000
WV150F	0.0 N	30.0000	0.0 N	150.0000	200.0000	0.0 N	30.0000	0.0 N	100.0000

TABLE 2. ROCK SAMP EAGLE

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
WV151F	2.0000	0.1000	0.1500	0.3000	30.0000	0.0 N	0.0 N	0.9000	0.0 N	150.0000
WV152F	2.0000	0.3000	0.1500	0.3000	70.0000	0.0 N	0.0 N	0.9000	0.0 N	200.0000
AV153F	3.0000	0.7000	3.0000	0.3000	300.0000	0.0 N	0.0 N	0.6000	0.0 N	1500.0000
AV154F	1.5000	1.0000	2.0000	0.3000	500.0000	0.0 N	0.0 N	0.0 B	0.0 N	2000.0000
I 155F	3.0000	0.7000	0.5000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	0.0 N	700.0000
HS156F	7.0000	1.0000	7.0000	0.2000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
OS157F	7.0000	0.5000	0.2000	0.3000	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	700.0000
CF158F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0200	0.0 B	0.0 B
SS159F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0200L	0.0 B	0.0 B
S 160F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0500	0.0 B	0.0 B
I 160F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.1500	0.0 B	0.0 B
SS162F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0200	0.0 B	0.0 B
SS163F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0200	0.0 B	0.0 B
SP164F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0300	0.0 B	0.0 B
SP165F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0300	0.0 B	0.0 B
X 166F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0600	0.0 B	0.0 B
XS167F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0600	0.0 B	0.0 B
V168F	7.0000	2.0000	5.0000	1.0000	1000.0000	0.0 N	0.0 N	0.0200L	0.0 N	1500.0000
V169F	0.7000	0.2000	2.0000	0.1500	1000.0000	0.5000L	0.0 N	0.0200	20.0000	150.0000
V170F	7.0000	1.5000	5.0000	0.3000	1000.0000	15.0000	0.0 N	0.0600	0.0 N	2000.0000
V171F	15.0000	2.0000	5.0000	1.0000	2000.0000	0.0 N	0.0 N	0.0200L	10.0000L	3000.0000
V172F	15.0000	3.0000	3.0000	1.0000G	700.0000	0.0 N	0.0 N	0.0200L	10.0000L	2000.0000
V173F	1.0000	0.7000	10.0000	0.1500	1000.0000	0.0 N	0.0 N	0.0200	0.0 N	300.0000
VJ174F	10.0000	2.0000	1.5000	0.7000	1000.0000	15.0000	0.0 N	100.0000	0.0 N	2000.0000
NS175F	7.0000	0.7000	3.0000	0.3000	1000.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
HS176F	7.0000	1.0000	0.3000	0.7000	500.0000	0.0 N	0.0 N	0.0200L	20.0000	1500.0000
NU177F	7.0000	1.0000	7.0000	1.5000	1000.0000	0.0 N	0.0 N	0.0200L	0.0 N	3000.0000
W178F	20.0000	0.1000L	0.0500L	0.0700	3000.0000	0.5000L	200.0000L	0.0200L	30.0000	700.0000
TU179F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0200L	0.0 B	0.0 B
T 180F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0200L	0.0 B	0.0 B
AS181F	1.5000	0.5000	1.5000	0.1500	500.0000	0.5000L	200.0000L	0.0200L	10.0000L	300.0000
MS182F	5.0000	1.0000	7.0000	0.3000	2000.0000	0.5000L	200.0000L	0.0200L	10.0000L	100.0000
I 183F	1.5000	0.7000	3.0000	0.1500	700.0000	1.5000	0.0 N	0.0400	0.0 N	500.0000
O 184F	2.0000	0.5000	1.5000	0.1000	700.0000	0.7000	0.0 N	0.0200L	0.0 N	5000.0000G
O 185F	5.0000	0.7000	1.5000	0.5000	1000.0000	0.0 N	0.0 N	3.0000	10.0000	3000.0000
O 186F	1.0000	0.2000	0.0700	0.1000	500.0000	5.0000L	0.0 N	0.2000	0.0 N	1500.0000
MS187F	1.0000	5.0000	1.0000	0.2000	500.0000	5.0000L	200.0000L	0.0200L	10.0000L	1000.0000
W 188F	0.3000	0.1000	0.0500L	0.0100L	150.0000	150.0000	0.0 N	0.1000	0.0 N	150.0000
V189F	20.0000G	7.0000	20.0000	0.1500	5000.0000	7.0000	0.0 N	0.0 N	30.0000	70.0000
X 190F	0.7000	0.2000	0.3000	0.0300	200.0000	0.0 N	0.0 N	0.0200L	0.0 N	100.0000
A191F	3.0000	1.5000	2.0000	0.5000	700.0000	0.0 N	0.0 N	0.0200L	15.0000	1500.0000
H 192F	3.0000	1.0000	2.0000	0.3000	1500.0000	0.0 N	0.0 N	0.0200L	10.0000L	1500.0000
W 193F	0.2000	0.1000	0.1500	0.0100L	10.0000L	0.7000	0.0 N	0.0200L	0.0 N	700.0000
W 194F	1.0000	0.1000	0.0500L	0.0300	10.0000L	0.5000	200.0000L	0.0200L	0.0 N	3000.0000
X 195F	0.2000	0.1000	0.0500L	0.0300	30.0000	0.5000L	0.0 N	0.0200L	0.0 N	1500.0000
N 196F	3.0000	0.1000	0.0500L	0.0700	50.0000	0.5000L	0.0 N	0.0200L	10.0000L	2000.0000
T 197F	3.0000	1.0000	1.0000	0.2000	500.0000	0.5000L	0.0 N	0.0200L	30.0000	1500.0000
A 198F	3.0000	0.2000	1.5000	0.7000	300.0000	0.0 N	0.0 N	0.0200L	0.0 N	700.0000
N 199F	3.0000	0.2000	0.1500	0.1500	150.0000	0.0 N	200.0000L	0.0200L	0.0 N	300.0000

TABLE 2. ROCK SAMPLE

SAMPLE	BE PPM	BI PPM	CD PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM	PB PPM
AV151F	0.0 N	70.0000	7.0000	2.0000	30.0000	0.0 N	0.0 N	10.0000	0.0 N	0.0 N
AV152F	0.0 N	70.0000	7.0000	1.5000	70.0000	0.0 N	0.0 N	10.0000	0.0 N	0.0 N
AV153F	1.5000	0.0 N	20.0000	3.0000	70.0000	0.0 N	0.0 N	10.0000	3.0000	0.0 N
AV154F	1.5000	0.0 N	7.0000	3.0000	15.0000	30.0000	0.0 N	10.0000	3.0000	0.0 N
I 155F	1.5000	0.0 N	30.0000	3.0000	100.0000	0.0 N	0.0 N	10.0000	3.0000	0.0 N
MS156F	0.0 N	0.0 N	10.0000	30.0000	70.0000	0.0 N	0.0 N	0.0 N	5.0000	0.0 N
DS157F	0.0 N	0.0 N	15.0000	30.0000	70.0000	0.0 N	0.0 N	0.0 N	15.0000	10.0000
CF158F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SS159F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
S 160F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
I 160F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SS162F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SS163F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SP164F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SP165F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
X 166F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
XS167F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
V168F	1.0000L	0.0 N	30.0000	7.0000	70.0000	70.0000	10.0000	15.0000	10.0000	10.0000L
V169F	1.0000L	0.0 N	0.0 N	20.0000	1500.0000	0.0 N	0.0 N	2.0000L	7.0000	10.0000L
V170F	1.0000L	10.0000	10.0000	70.0000	1500.0000	20.0000	0.0 N	2.0000L	30.0000	10.0000L
V171F	1.0000L	0.0 N	50.0000	10.0000	150.0000	70.0000	5.0000	20.0000	10.0000	10.0000
V172F	0.0 N	0.0 N	20.0000	70.0000	300.0000	0.0 N	0.0 N	15.0000	30.0000	10.0000L
V173F	1.0000	0.0 N	0.0 N	20.0000	50.0000	0.0 N	0.0 N	2.0000L	5.0000	10.0000L
V174F	0.0 N	0.0 N	70.0000	10.0000	300.0000	0.0 N	0.0 N	10.0000	30.0000	10.0000L
MS175F	1.0000	0.0 N	15.0000	30.0000	70.0000	20.0000L	0.0 N	0.0 N	10.0000	15.0000
HS176F	0.0 N	0.0 N	15.0000	30.0000	300.0000	0.0 N	0.0 N	0.0 N	15.0000	10.0000
MU177F	0.0 N	0.0 N	15.0000	5.0000L	150.0000	50.0000	5.0000	15.0000	5.0000	15.0000
W178F	2.0000	5.0000L	10.0000L	15.0000	7.0000	1000.0000G	2.0000L	20.0000L	7.0000	10.0000L
T 179F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
T 180F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
AS181F	1.0000L	5.0000L	10.0000L	10.0000L	2.0000	20.0000L	2.0000L	20.0000L	2.0000L	10.0000L
MS182F	1.0000L	5.0000L	10.0000	20.0000	2000.0000	20.0000	2.0000L	20.0000L	15.0000	10.0000L
I 183F	0.0 N	0.0 N	5.0000	15.0000	200.0000	0.0 N	0.0 N	0.0 N	7.0000	100.0000
O 184F	1.0000L	0.0 N	0.0 N	30.0000	30.0000	0.0 N	5.0000L	10.0000	30.0000	10.0000L
O 185F	2.0000	0.0 N	0.0 N	20.0000	30.0000	20.0000	0.0 N	15.0000	15.0000	10.0000
O 186F	2.0000	0.0 N	20.0000	50.0000	150.0000	150.0000	0.0 N	20.0000	5.0000L	10.0000L
MS187F	1.0000L	5.0000L	10.0000L	10.0000	5.0000	20.0000	2.0000L	20.0000L	2.0000	10.0000L
W 188F	1.0000L	300.0000	0.0 N	10.0000	5.0000L	0.0 N	70.0000	0.0 N	0.0 N	1500.0000
V189F	0.0 N	0.0 N	70.0000	70.0000	70.0000	20.0000L	0.0 N	10.0000	70.0000	5000.0000
X 190F	0.0 N	0.0 N	0.0 N	70.0000	10.0000	0.0 N	0.0 N	2.0000L	7.0000	10.0000L
N191F	1.0000L	0.0 N	0.0 N	5.0000L	15.0000	30.0000	0.0 N	2.0000L	5.0000	10.0000
D 192F	2.0000	0.0 N	20.0000	50.0000	150.0000	50.0000	0.0 N	15.0000	10.0000	30.0000
W 193F	1.0000L	0.0 N	0.0 N	0.0 N	5.0000L	0.0 N	0.0 N	0.0 N	0.0 N	10.0000L
W 194F	1.0000L	0.0 N	5.0000L	5.0000L	7.0000	0.0 N	0.0 N	0.0 N	0.0 N	15.0000
W 195F	0.0 N	0.0 N	0.0 N	5.0000L	15.0000	20.0000	0.0 N	2.0000L	5.0000L	10.0000L
N 196F	1.0000L	0.0 N	5.0000	15.0000	7.0000	20.0000	0.0 N	2.0000L	20.0000	10.0000L
T 197F	1.0000	0.0 N	7.0000	30.0000	30.0000	30.0000	5.0000	2.0000L	20.0000	30.0000
A 198F	3.0000	0.0 N	0.0 N	15.0000	50.0000	20.0000L	0.0 N	2.0000L	10.0000	20.0000
N 199F	1.0000L	0.0 N	7.0000	20.0000	50.0000	20.0000L	0.0 N	2.0000L	50.0000	10.0000L

TABLE 2. ROCK SAMPLE EAGLE

SAMPLE	SR PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
WV151F	0.0 N	7.0000	0.0 N	300.0000	50.0000	0.0 N	15.0000	0.0 N	70.0000
WV152F	0.0 N	15.0000	0.0 N	700.0000	100.0000	0.0 N	20.0000	0.0 N	150.0000
AV153F	0.0 N	15.0000	0.0 N	1000.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
AV154F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	50.0000	0.0 N	150.0000
I 155F	0.0 N	7.0000	0.0 N	300.0000	100.0000	0.0 N	30.0000	0.0 N	150.0000
HS156F	0.0 N	30.0000	0.0 N	300.0000	200.0000	0.0 N	30.0000	0.0 N	20.0000
OS157F	0.0 N	20.0000	0.0 N	150.0000	150.0000	0.0 N	15.0000	0.0 N	70.0000
CF158F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SS159F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
S 160F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
I 160F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SS162F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SS163F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SP164F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
SP165F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
X 166F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
XS167F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
V168F	0.0 N	15.0000	0.0 N	5000.0000	100.0000	0.0 N	70.0000	0.0 N	150.0000
V169F	200.0000	5.0000L	0.0 N	50.0000L	70.0000	0.0 N	15.0000	0.0 N	50.0000
V170F	0.0 N	15.0000	0.0 N	300.0000	150.0000	0.0 N	15.0000	0.0 N	150.0000
V171F	0.0 N	15.0000	0.0 N	1000.0000	100.0000	0.0 N	50.0000	0.0 N	150.0000
V172F	0.0 N	30.0000	0.0 N	1500.0000	200.0000	0.0 N	30.0000	0.0 N	150.0000
V173F	0.0 N	5.0000L	0.0 N	500.0000	30.0000	0.0 N	0.0 N	0.0 N	30.0000
V174F	0.0 N	15.0000	0.0 N	1500.0000	150.0000	0.0 N	15.0000	0.0 N	100.0000
NS175F	0.0 N	15.0000	0.0 N	500.0000	150.0000	0.0 N	30.0000	0.0 N	150.0000
HS176F	0.0 N	15.0000	0.0 N	700.0000	150.0000	0.0 N	20.0000	0.0 N	100.0000
NS177F	0.0 N	15.0000	0.0 N	1000.0000	150.0000	0.0 N	50.0000	0.0 N	150.0000
N178F	0.0 N	5.0000	10.0000L	150.0000	20.0000	50.0000L	200.0000G	200.0000L	20.0000L
T179F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
T 180F	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B	0.0 B
AS181F	0.0 N	5.0000L	10.0000L	150.0000	50.0000	50.0000L	20.0000	200.0000L	50.0000
MS182F	0.0 N	20.0000	10.0000L	700.0000	100.0000	50.0000L	30.0000	200.0000L	20.0000L
I 183F	0.0 N	7.0000	0.0 N	200.0000	70.0000	0.0 N	10.0000	200.0000	30.0000
O 184F	0.0 N	5.0000L	0.0 N	100.0000	100.0000	0.0 N	0.0 N	0.0 N	50.0000
O 185F	0.0 N	10.0000	0.0 N	1000.0000	100.0000	0.0 N	10.0000	0.0 N	150.0000
O 186F	0.0 N	0.0 N	0.0 N	300.0000	20.0000	0.0 N	100.0000	0.0 N	300.0000
MS187F	0.0 N	10.0000	10.0000L	300.0000	70.0000	50.0000L	15.0000	200.0000L	150.0000
W 188F	0.0 N	0.0 N	0.0 N	150.0000	10.0000L	0.0 N	0.0 N	0.0 N	0.0 N
V189F	0.0 N	5.0000	0.0 N	700.0000	30.0000	0.0 N	30.0000	9000.0000G	15.0000
X 190F	0.0 N	0.0 N	0.0 N	50.0000L	15.0000	0.0 N	0.0 N	300.0000	20.0000L
N191F	0.0 N	5.0000L	0.0 N	300.0000	100.0000	0.0 N	0.0 N	0.0 N	150.0000
O 192F	0.0 N	10.0000	0.0 N	700.0000	100.0000	0.0 N	20.0000	0.0 N	200.0000
W 193F	0.0 N	0.0 N	0.0 N	50.0000L	10.0000L	0.0 N	0.0 N	0.0 N	0.0 N
W 194F	0.0 N	0.0 N	0.0 N	50.0000L	10.0000L	0.0 N	0.0 N	0.0 N	20.0000L
W 195F	100.0000L	5.0000L	0.0 N	50.0000L	15.0000	0.0 N	30.0000	200.0000L	20.0000L
N 196F	0.0 N	7.0000	0.0 N	50.0000L	30.0000	0.0 N	10.0000L	200.0000L	30.0000
T 197F	0.0 N	15.0000	0.0 N	300.0000	100.0000	0.0 N	10.0000L	200.0000L	150.0000
A 198F	0.0 N	5.0000L	0.0 N	300.0000	30.0000	0.0 N	10.0000L	0.0 N	150.0000
N 199F	100.0000L	5.0000	0.0 N	50.0000L	150.0000	0.0 N	10.0000	0.0 N	150.0000

FREQUENCY TABLE FOR COLUMN 1 (FE PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E-02 -	5.6E-02	0	0	0.0	0.0
5.6E-02 -	8.3E-02	0	0	0.0	0.0
8.3E-02 -	1.2E-01	2	2	1.07	1.07
1.2E-01 -	1.8E-01	0	2	0.0	1.07
1.8E-01 -	2.6E-01	4	6	2.14	3.21
2.6E-01 -	3.8E-01	3	9	1.60	4.81
3.8E-01 -	5.6E-01	1	10	0.53	5.35
5.6E-01 -	8.3E-01	7	17	3.74	9.09
8.3E-01 -	1.2E 00	7	24	3.74	12.83
1.2E 00 -	1.8E 00	17	41	9.09	21.93
1.8E 00 -	2.6E 00	5	46	2.67	24.60
2.6E 00 -	3.8E 00	41	87	21.93	46.52
3.8E 00 -	5.6E 00	17	104	9.09	55.61
5.6E 00 -	8.3E 00	27	131	14.44	70.05
8.3E 00 -	1.2E 01	24	155	12.83	82.89
1.2E 01 -	1.8E 01	15	170	8.02	90.91
1.8E 01 -	2.6E 01	7	177	3.74	94.65

HISTOGRAM FOR COLUMN 1 (FE PCT)

```
1.0E-01 X
1.5E-01
2.0E-01 XX
3.0E-01 XX
5.0E-01 X
7.0E-01 XXXX
1.0E 00 XXXX
1.5E 00 XXXXXXXXX
2.0E 00 XXX
3.0E 00 XXXXXXXXXXXXXXXXXXXXX
5.0E 00 XXXXXXXXX
7.0E 00 XXXXXXXXXXXXXX
1.0E 01 XXXXXXXXXXXXX
1.5E 01 XXXXXXXX
2.0E 01 XXXX
```

N	L	H	H	T	G	ANALYTICAL VALUES
0	3	0	12	0	7	177
0.0	1.60			0.0	3.74	

MAXIMUM = 2.00000E 01

MINIMUM = 1.00000E-01

GEOMETRIC MEAN = 3.75756E 00

GEOMETRIC DEVIATION = 3.03966E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 2 (MG PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E-02 -	2.6E-02	0	0	0.0	0.0
2.6E-02 -	3.8E-02	0	0	0.0	0.0
3.8E-02 -	5.6E-02	0	0	0.0	0.0
5.6E-02 -	8.3E-02	0	0	0.0	0.0
8.3E-02 -	1.2E-01	10	10	5.35	5.35
1.2E-01 -	1.8E-01	0	10	0.0	5.35
1.8E-01 -	2.6E-01	14	24	7.49	12.83
2.6E-01 -	3.8E-01	12	36	6.42	19.25
3.8E-01 -	5.6E-01	9	45	4.81	24.06
5.6E-01 -	8.3E-01	22	67	11.76	35.83
8.3E-01 -	1.2E 00	11	78	5.88	41.71
1.2E 00 -	1.8E 00	23	101	12.30	54.01
1.8E 00 -	2.6E 00	16	117	8.56	62.57
2.6E 00 -	3.8E 00	19	136	10.16	72.73
3.8E 00 -	5.6E 00	18	154	9.63	82.35
5.6E 00 -	8.3E 00	16	170	8.56	90.91
8.3E 00 -	1.2E 01	5	175	2.67	93.58

HISTOGRAM FOR COLUMN 2 (MG PCT)

```
1.0E-01 XXXXX
1.5E-01
2.0E-01 XXXXXXX
3.0E-01 XXXXXX
5.0E-01 XXXXX
7.0E-01 XXXXXXXXXXXX
1.0E 00 XXXXXX
1.5E 00 XXXXXXXXXXXX
2.0E 00 XXXXXXXXX
3.0E 00 XXXXXXXXXX
5.0E 00 XXXXXXXXXX
7.0E 00 XXXXXXXXX
1.0E 01 XXX
```

N	L	H	B	T	G	ANALYTICAL VALUES
3	10	0	12	0	1	175
0.53	5.35			0.0	0.53	

MAXIMUM = 1.00000E 01

MINIMUM = 1.00000E-01

GEOMETRIC MEAN = 1.24832E 00 GEOMETRIC DEVIATION = 3.50183E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 3 (CA PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E-02 -	5.6E-02	2	2	1.07	1.07
5.6E-02 -	8.3E-02	7	9	3.74	4.81
8.3E-02 -	1.2E-01	1	10	0.53	5.35
1.2E-01 -	1.8E-01	13	23	6.95	12.30
1.8E-01 -	2.6E-01	3	26	1.60	13.90
2.6E-01 -	3.8E-01	7	33	3.74	17.65
3.8E-01 -	5.6E-01	2	35	1.07	18.72
5.6E-01 -	8.3E-01	7	42	3.74	22.46
8.3E-01 -	1.2E 00	7	49	3.74	26.20
1.2E 00 -	1.8E 00	11	60	5.88	32.09
1.8E 00 -	2.6E 00	18	78	9.63	41.71
2.6E 00 -	3.8E 00	17	95	9.09	50.80
3.8E 00 -	5.6E 00	16	111	8.56	59.36
5.6E 00 -	8.3E 00	26	137	13.90	73.26
8.3E 00 -	1.2E 01	6	143	3.21	76.47
1.2E 01 -	1.8E 01	6	149	3.21	79.68
1.8E 01 -	2.6E 01	4	153	2.14	81.82

HISTOGRAM FOR COLUMN 3 (CA PCT)

```
5.0E-02 X
7.0E-02 XXXX
1.0E-01 X
1.5E-01 XXXXXXX
2.0E-01 XX
3.0E-01 XXXX
5.0E-01 X
7.0E-01 XXXX
1.0E 00 XXXX
1.5E 00 XXXXXX
2.0E 00 XXXXXXXXXX
3.0E 00 XXXXXXXXX
5.0E 00 XXXXXXXXX
7.0E 00 XXXXXXXXXXXXX
1.0E 01 XXX
1.5E 01 XXX
2.0E 01 XX
```

N L E R T G ANALYTICAL VALUES

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

```
      0        22        0        12        0        10        155
    0.0      11.76                          0.0      5.35

MAXIMUM =  2.00000E 01

MINIMUM =  3.00000E-02

GEOMETRIC MEAN =  1.65703E 00

GEOMETRIC DEVIATION =  5.08132E 00
```

FREQUENCY TABLE FOR COLUMN 4 (TI PCT)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E-04 -	1.2E-03	0	0	0.0	0.0
1.2E-03 -	1.8E-03	0	0	0.0	0.0
1.8E-03 -	2.6E-03	0	0	0.0	0.0
2.6E-03 -	3.8E-03	0	0	0.0	0.0
3.8E-03 -	5.6E-03	0	0	0.0	0.0
5.6E-03 -	8.3E-03	0	0	0.0	0.0
8.3E-03 -	1.2E-02	5	5	2.67	2.67
1.2E-02 -	1.8E-02	0	5	0.0	2.67
1.8E-02 -	2.6E-02	6	11	3.21	5.88
2.6E-02 -	3.8E-02	8	19	4.28	10.16
3.8E-02 -	5.6E-02	4	23	2.14	12.30
5.6E-02 -	8.3E-02	11	34	5.88	18.18
8.3E-02 -	1.2E-01	5	39	2.67	20.86
1.2E-01 -	1.8E-01	32	71	17.11	37.97
1.8E-01 -	2.6E-01	15	86	8.02	45.99
2.6E-01 -	3.8E-01	33	119	17.65	63.64
3.8E-01 -	5.6E-01	12	131	6.42	70.05
5.6E-01 -	8.3E-01	22	153	11.76	81.82
8.3E-01 -	1.2E 00	12	165	6.42	88.24
1.2E 00 -	1.8E 00	1	166	0.53	88.77

HISTOGRAM FOR COLUMN 4 (TI PCT)

```
1.0E-02 XXX
1.5E-02
2.0E-02 XXX
3.0E-02 XXXX
5.0E-02 XX
7.0E-02 XXXXXX
1.0E-01 XXX
1.5E-01 XXXXXXXXXXXXXXXXX
2.0E-01 XXXXXXXX
3.0E-01 XXXXXXXXXXXXXXXXXX
5.0E-01 XXXXXX
7.0E-01 XXXXXXXXXXXX
1.0E 00 XXXXXX
1.5E 00 X
```

N	L	H	R	T	G	ANALYTICAL VALUES
0	9	0	12	0	12	166
0.0	4.81			0.0	6.42	

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

MAXIMUM = 1.50000E 00

MINIMUM = 1.00000E-02

GEOMETRIC MEAN = 1.94436E-01

GEOMETRIC DEVIATION = [illegible]

FREQUENCY TABLE FOR COLUMN 5 (MN PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	4	4	2.14	2.14
2.6E 01 -	3.8E 01	5	9	2.67	4.81
3.8E 01 -	5.6E 01	3	12	1.60	6.42
5.6E 01 -	8.3E 01	6	18	3.21	9.63
8.3E 01 -	1.2E 02	3	21	1.60	11.23
1.2E 02 -	1.8E 02	14	35	7.49	18.72
1.8E 02 -	2.6E 02	7	42	3.74	22.46
2.6E 02 -	3.8E 02	20	62	10.70	33.16
3.8E 02 -	5.6E 02	12	74	6.42	39.57
5.6E 02 -	8.3E 02	21	95	11.23	50.80
8.3E 02 -	1.2E 03	28	123	14.97	65.78
1.2E 03 -	1.8E 03	30	153	16.04	81.82
1.8E 03 -	2.6E 03	14	167	7.49	89.30
2.6E 03 -	3.8E 03	7	174	3.74	93.05
3.8E 03 -	5.6E 03	6	180	3.21	96.26

HISTOGRAM FOR COLUMN 5 (MN PPM)

```
2.0E 01 XX
3.0E 01 XXX
5.0E 01 XX
7.0E 01 XXX
1.0E 02 XX
1.5E 02 XXXXXXX
2.0E 02 XXXX
3.0E 02 XXXXXXXXXXX
5.0E 02 XXXXXX
7.0E 02 XXXXXXXXXXX
1.0E 03 XXXXXXXXXXXXXXX
1.5E 03 XXXXXXXXXXXXXXXX
2.0E 03 XXXXXXX
3.0E 03 XXXX
5.0E 03 XXX
```

M	L	H	R	T	G	ANALYTICAL VALUES
0	3	6	12	0	4	180
0.0	1.60			0.0	2.14	

MAXIMUM = 5.00000E 03

MINIMUM = 2.00000E 01

GEOMETRIC MEAN = [illegible]

[illegible]

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 6 (AG PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E-01 -	5.6E-01	3	3	1.60	1.60
5.6E-01 -	8.3E-01	7	10	3.74	5.35
8.3E-01 -	1.2E 00	1	11	0.53	5.88
1.2E 00 -	1.8E 00	3	14	1.60	7.49
1.8E 00 -	2.6E 00	0	14	0.0	7.49
2.6E 00 -	3.8E 00	2	16	1.07	8.56
3.8E 00 -	5.6E 00	1	17	0.53	9.09
5.6E 00 -	8.3E 00	4	21	2.14	11.23
8.3E 00 -	1.2E 01	0	21	0.0	11.23
1.2E 01 -	1.8E 01	3	24	1.60	12.83
1.8E 01 -	2.6E 01	0	24	0.0	12.83
2.6E 01 -	3.8E 01	3	27	1.60	14.44
3.8E 01 -	5.6E 01	1	28	0.53	14.97
5.6E 01 -	8.3E 01	0	28	0.0	14.97
8.3E 01 -	1.2E 02	0	28	0.0	14.97
1.2E 02 -	1.8E 02	2	30	1.07	16.04
1.8E 02 -	2.6E 02	0	30	0.0	16.04
2.6E 02 -	3.8E 02	1	31	0.53	16.58
3.8E 02 -	5.6E 02	0	31	0.0	16.58
5.6E 02 -	8.3E 02	0	31	0.0	16.58
8.3E 02 -	1.2E 03	1	32	0.53	17.11

HISTOGRAM FOR COLUMN 6 (AG PPM)

```
5.0E-01 XX

7.0E-01 XXXX

1.0E 00 X

1.5E 00 XX

2.0E 00

3.0E 00 X

5.0E 00 X

7.0E 00 XX

1.0E 01

1.5E 01 XX

2.0E 01

3.0E 01 XX

5.0E 01 X

7.0E 01

1.0E 02

1.5E 02 X
```

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

2.0E 02

3.0E 02 X

5.0E 02

7.0E 02

1.0E 03 X

N	L	H	R	T	G	ANALYTICAL VALUES
112	43	0	12	0	0	32
59.89	22.99			0.0	0.0	

MAXIMUM = 1.00000E 03

MINIMUM = 5.00000E-01

GEOMETRIC MEAN = 5.25650E 00

GEOMETRIC DEVIATION = 8.20474E 00

FREQUENCY TABLE FOR COLUMN 9 (B PPM)

LIMITS LOWER -	UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	18	18	9.63	9.63
1.2E 01 -	1.8E 01	9	27	4.81	14.44
1.8E 01 -	2.6E 01	12	39	6.42	20.86
2.6E 01 -	3.8E 01	15	54	8.02	28.88
3.8E 01 -	5.6E 01	4	58	2.14	31.02
5.6E 01 -	8.3E 01	10	68	5.35	36.36
8.3E 01 -	1.2E 02	2	70	1.07	37.43
1.2E 02 -	1.8E 02	3	73	1.60	39.04
1.8E 02 -	2.6E 02	1	74	0.53	39.57
2.6E 02 -	3.8E 02	1	75	0.53	40.11
3.8E 02 -	5.6E 02	0	75	0.0	40.11
5.6E 02 -	8.3E 02	1	76	0.53	40.64

HISTOGRAM FOR COLUMN 9 (B PPM)

```
1.0E 01 XXXXXXXXXX

1.5E 01 XXXXX

2.0E 01 XXXXXX

3.0E 01 XXXXXXXX

5.0E 01 XX

7.0E 01 XXXXX

1.0E 02 X

1.5E 02 XX

2.0E 02 X

3.0E 02 X

5.0E 02

7.0E 02 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
49	61	0	12	0	0	77
26.20	32.62			0.0	0.0	

MAXIMUM = 7.00000E 02

MINIMUM = 5.00000E-01

GEOMETRIC MEAN = 2.63899E 01

GEOMETRIC DEVIATION = 2.81203E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 10 (BA PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	0	0	0.0	0.0
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	1	1	0.53	0.53
2.6E 01 -	3.8E 01	0	1	0.0	0.53
3.8E 01 -	5.6E 01	2	3	1.07	1.60
5.6E 01 -	8.3E 01	10	13	5.35	6.95
8.3E 01 -	1.2E 02	4	17	2.14	9.09
1.2E 02 -	1.8E 02	16	33	8.56	17.65
1.8E 02 -	2.6E 02	5	38	2.67	20.32
2.6E 02 -	3.8E 02	16	54	8.56	28.88
3.8E 02 -	5.6E 02	8	62	4.28	33.16
5.6E 02 -	8.3E 02	32	94	17.11	50.27
8.3E 02 -	1.2E 03	16	110	8.56	58.82
1.2E 03 -	1.8E 03	36	146	19.25	78.07
1.8E 03 -	2.6E 03	12	158	6.42	84.49
2.6E 03 -	3.8E 03	12	170	6.42	90.91
3.8E 03 -	5.6E 03	1	171	0.53	91.44

HISTOGRAM FOR COLUMN 10 (BA PPM)

```
2.0E 01 x
3.0E 01
5.0E 01 x
7.0E 01 xxxxx
1.0E 02 xx
1.5E 02 xxxxxxxxx
2.0E 02 xxx
3.0E 02 xxxxxxxxx
5.0E 02 xxxx
7.0E 02 xxxxxxxxxxxxxxxxx
1.0E 03 xxxxxxxxx
1.5E 03 xxxxxxxxxxxxxxxxxxx
2.0E 03 xxxxxx
3.0E 03 xxxxxx
5.0E 03 x
```

N	I	[illegible]	[illegible]	T	[illegible]	ANALYTICAL VALUES
5	10	[illegible]	12	[illegible]	1	[illegible]
2.67	[illegible]			[illegible]	0.53	

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

MAXIMUM = 5.00000E 03

MINIMUM = 2.00000E 01

GEOMETRIC MEAN = [illegible]

GEOMETRIC DEVIATE [illegible]

FREQUENCY TABLE FOR COLUMN 11 (BE PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E-01 -	1.2E 00	16	16	8.56	8.56
1.2E 00 -	1.8E 00	19	35	10.16	18.72
1.8E 00 -	2.6E 00	9	44	4.81	23.53
2.6E 00 -	3.8E 00	9	53	4.81	28.34
3.8E 00 -	5.6E 00	0	53	0.0	28.34
5.6E 00 -	8.3E 00	3	56	1.60	29.95
8.3E 00 -	1.2E 01	0	56	0.0	29.95
1.2E 01 -	1.8E 01	1	57	0.53	30.48

HISTOGRAM FOR COLUMN 11 (BE PPM)

```
1.0E 00 XXXXXXXXX

1.5E 00 XXXXXXXXXX

2.0E 00 XXXXX

3.0E 00 XXXXX

5.0E 00

7.0E 00 XX

1.0E 01

1.5E 01 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
41	89	0	12	0	0	57
21.93	47.59			0.0	0.0	

MAXIMUM = 1.50000E 01

MINIMUM = 1.00000E 00

GEOMETRIC MEAN = 1.76472E 00

GEOMETRIC DEVIATION = 1.77487E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 12 (BI PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	2	2	1.07	1.07
1.2E 01 -	1.8E 01	0	2	0.0	1.07
1.8E 01 -	2.6E 01	2	4	1.07	2.14
2.6E 01 -	3.8E 01	1	5	0.53	2.67
3.8E 01 -	5.6E 01	0	5	0.0	2.67
5.6E 01 -	8.3E 01	3	8	1.60	4.28
8.3E 01 -	1.2E 02	0	8	0.0	4.28
1.2E 02 -	1.8E 02	0	8	0.0	4.28
1.8E 02 -	2.6E 02	2	10	1.07	5.35
2.6E 02 -	3.8E 02	1	11	0.53	5.88
3.8E 02 -	5.6E 02	0	11	0.0	5.88
5.6E 02 -	8.3E 02	1	12	0.53	6.42

HISTOGRAM FOR COLUMN 12 (BI PPM)

```
1.0E 01 X
1.5E 01
2.0E 01 X
3.0E 01 X
5.0E 01
7.0E 01 XX
1.0E 02
1.5E 02
2.0E 02 X
3.0E 02 X
5.0E 02
7.0E 02 X
```

N	L	H	R	T	G	ANALYTICAL VALUES
162	10	0	12	0	3	12
86.63	5.35			0.0	1.60	

MAXIMUM = 7.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 6.23579E 01

GEOMETRIC DEVIATION = 3.96777E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 13 (CO PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	5	5	2.67	2.67
5.6E 00 -	8.3E 00	9	14	4.81	7.49
8.3E 00 -	1.2E 01	15	29	8.02	15.51
1.2E 01 -	1.8E 01	29	58	15.51	31.02
1.8E 01 -	2.6E 01	13	71	6.95	37.97
2.6E 01 -	3.8E 01	8	79	4.28	42.25
3.8E 01 -	5.6E 01	6	85	3.21	45.45
5.6E 01 -	8.3E 01	23	108	12.30	57.75
8.3E 01 -	1.2E 02	5	113	2.67	60.43
1.2E 02 -	1.8E 02	3	116	1.60	62.03

HISTOGRAM FOR COLUMN 13 (CO PPM)

```
5.0E 00 XXX

7.0E 00 XXXXX

1.0E 01 XXXXXXXX

1.5E 01 XXXXXXXXXXXXXXXX

2.0E 01 XXXXXXX

3.0E 01 XXXX

5.0E 01 XXX

7.0E 01 XXXXXXXXXXXX

1.0E 02 XXX

1.5E 02 XX
```

N	L	H	B	T	G	ANALYTICAL VALUES
31	40	0	12	0	0	116
14.58	21.39			0.0	0.0	

MAXIMUM = 1.50000E 02

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 2.30621E 01

GEOMETRIC DEVIATION = 2.47404E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 14 (CR PPM)

LIMITS LOWER -	UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	5	5	2.67	2.67
5.6E 00 -	8.3E 00	3	8	1.60	4.28
8.3E 00 -	1.2E 01	12	20	6.42	10.70
1.2E 01 -	1.8E 01	30	50	16.04	26.74
1.8E 01 -	2.6E 01	8	58	4.28	31.02
2.6E 01 -	3.8E 01	20	78	10.70	41.71
3.8E 01 -	5.6E 01	11	89	5.88	47.59
5.6E 01 -	8.3E 01	29	118	15.51	63.10
8.3E 01 -	1.2E 02	5	123	2.67	65.78
1.2E 02 -	1.8E 02	8	131	4.28	70.05
1.8E 02 -	2.6E 02	1	132	0.53	70.59
2.6E 02 -	3.8E 02	2	134	1.07	71.66
3.8E 02 -	5.6E 02	2	136	1.07	72.73
5.6E 02 -	8.3E 02	10	146	5.35	78.07
8.3E 02 -	1.2E 03	0	146	0.0	78.07
1.2E 03 -	1.8E 03	2	148	1.07	79.14
1.8E 03 -	2.6E 03	2	150	1.07	80.21

HISTOGRAM FOR COLUMN 14 (CR PPM)

```
5.0E 00 XXX
7.0E 00 XX
1.0E 01 XXXXXX
1.5E 01 XXXXXXXXXXXXXXXX
2.0E 01 XXXX
3.0E 01 XXXXXXXXXXX
5.0E 01 XXXXXX
7.0E 01 XXXXXXXXXXXXXXXX
1.0E 02 XXX
1.5E 02 XXXX
2.0E 02 X
3.0E 02 X
5.0E 02 X
7.0E 02 XXXXX
1.0E 03
1.5E 03 X
2.0E 03 X
```

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

6	26	0	12	0	0	155
3.21	13.90			0.0	0.0	

MAXIMUM = 2.00000E 03

MINIMUM = 1.50000E 00

GEOMETRIC MEAN = 4.03074E 01

GEOMETRIC DEVIATION = 4.20873E 00

FREQUENCY TABLE FOR COLUMN 15 (CU PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	7	7	3.74	3.74
5.6E 00 -	8.3E 00	19	26	10.16	13.90
8.3E 00 -	1.2E 01	10	36	5.35	19.25
1.2E 01 -	1.8E 01	18	54	9.63	28.88
1.8E 01 -	2.6E 01	7	61	3.74	32.62
2.6E 01 -	3.8E 01	17	78	9.09	41.71
3.8E 01 -	5.6E 01	14	92	7.49	49.20
5.6E 01 -	8.3E 01	34	126	18.18	67.38
8.3E 01 -	1.2E 02	14	140	7.49	74.87
1.2E 02 -	1.8E 02	6	146	3.21	78.07
1.8E 02 -	2.6E 02	2	148	1.07	79.14
2.6E 02 -	3.8E 02	6	154	3.21	82.35
3.8E 02 -	5.6E 02	3	157	1.60	83.96
5.6E 02 -	8.3E 02	3	160	1.60	85.56
8.3E 02 -	1.2E 03	0	160	0.0	85.56
1.2E 03 -	1.8E 03	5	165	2.67	88.24
1.8E 03 -	2.6E 03	1	166	0.53	88.77

HISTOGRAM FOR COLUMN 15 (CU PPM)

```
5.0E 00 XXXX
7.0E 00 XXXXXXXXXX
1.0E 01 XXXXX
1.5E 01 XXXXXXXXXX
2.0E 01 XXXX
3.0E 01 XXXXXXXXX
5.0E 01 XXXXXXX
7.0E 01 XXXXXXXXXXXXXXXXX
1.0E 02 XXXXXXX
1.5E 02 XXX
2.0E 02 X
3.0E 02 XXX
5.0E 02 XX
7.0E 02 XX
1.0E 03
1.5E 03 XXX
2.0E 03 X
```

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

2	11	0	12	0	6	168
1.07	5.88			0.0	3.21	

MAXIMUM = 2.00000E 03

MINIMUM = 2.00000E 00

GEOMETRIC MEAN = 4.04527E 01

GEOMETRIC DEVIATION = 4.10267E 00

FREQUENCY TABLE FOR COLUMN 16 (LA PPM)

LIMITS LOWER	UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 01 -	2.6E 01	30	30	16.04	16.04
2.6E 01 -	3.8E 01	22	52	11.76	27.81
3.8E 01 -	5.6E 01	5	57	2.67	30.48
5.6E 01 -	8.3E 01	6	63	3.21	33.69
8.3E 01 -	1.2E 02	1	64	0.53	34.22
1.2E 02 -	1.8E 02	2	66	1.07	35.29
1.8E 02 -	2.6E 02	1	67	0.53	35.83

HISTOGRAM FOR COLUMN 16 (LA PPM)

```
2.0E 01 XXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXX

5.0E 01 XXX

7.0E 01 XXX

1.0E 02 X

1.5E 02 X

2.0E 02 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
32	86	0	12	0	1	68
17.11	45.99			0.0	0.53	

MAXIMUM = 2.00000E 02

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 3.04891E 01

GEOMETRIC DEVIATION = 1.75601E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 17 (MO PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	7	7	3.74	3.74
5.6E 00 -	8.3E 00	2	9	1.07	4.81
8.3E 00 -	1.2E 01	2	11	1.07	5.88
1.2E 01 -	1.8E 01	2	13	1.07	6.95
1.8E 01 -	2.6E 01	3	16	1.60	8.56
2.6E 01 -	3.8E 01	0	16	0.0	8.56
3.8E 01 -	5.6E 01	2	18	1.07	9.63
5.6E 01 -	8.3E 01	1	19	0.53	10.16

HISTOGRAM FOR COLUMN 17 (MO PPM)

```
5.0E 00 XXXX

7.0E 00 X

1.0E 01 X

1.5E 01 X

2.0E 01 XX

3.0E 01

5.0E 01 X

7.0E 01 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
146	21	0	12	0	0	20
78.07	11.23			0.0	0.0	

MAXIMUM = 7.00000E 01

MINIMUM = 3.00000E 00

GEOMETRIC MEAN = 1.06639E 01

GEOMETRIC DEVIATION = 2.48347E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 18 (NB PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 00 -	2.6E 00	0	0	0.0	0.0
2.6E 00 -	3.8E 00	0	0	0.0	0.0
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	0	0	0.0	0.0
8.3E 00 -	1.2E 01	27	27	14.44	14.44
1.2E 01 -	1.8E 01	17	44	9.09	23.53
1.8E 01 -	2.6E 01	7	51	3.74	27.27
2.6E 01 -	3.8E 01	3	54	1.60	28.88
3.8E 01 -	5.6E 01	1	55	0.53	29.41
5.6E 01 -	8.3E 01	2	57	1.07	30.48
8.3E 01 -	1.2E 02	1	58	0.53	31.02

HISTOGRAM FOR COLUMN 18 (NB PPM)

```
1.0E 01 XXXXXXXXXXXXXX

1.5E 01 XXXXXXXXX

2.0E 01 XXXX

3.0E 01 XX

5.0E 01 X

7.0E 01 X

1.0E 02 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
8	121	0	12	0	0	58
4.28	64.71			0.0	0.0	

MAXIMUM = 1.20000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.48735E 01

GEOMETRIC DEVIATION = 1.72591E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 19 (NI PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	11	11	5.88	5.88
5.6E 00 -	8.3E 00	13	24	6.95	12.83
8.3E 00 -	1.2E 01	12	36	6.42	19.25
1.2E 01 -	1.8E 01	13	49	6.95	26.20
1.8E 01 -	2.6E 01	9	58	4.81	31.02
2.6E 01 -	3.8E 01	13	71	6.95	37.97
3.8E 01 -	5.6E 01	13	84	6.95	44.92
5.6E 01 -	8.3E 01	33	117	17.65	62.57
8.3E 01 -	1.2E 02	4	121	2.14	64.71
1.2E 02 -	1.8E 02	6	127	3.21	67.91
1.8E 02 -	2.6E 02	1	128	0.53	68.45
2.6E 02 -	3.8E 02	2	130	1.07	69.52
3.8E 02 -	5.6E 02	1	131	0.53	70.05
5.6E 02 -	8.3E 02	0	131	0.0	70.05
8.3E 02 -	1.2E 03	2	133	1.07	71.12
1.2E 03 -	1.8E 03	1	134	0.53	71.66

HISTOGRAM FOR COLUMN 19 (NI PPM)

```
5.0E 00 XXXXXX
7.0E 00 XXXXXXX
1.0E 01 XXXXXX
1.5E 01 XXXXXXX
2.0E 01 XXXXX
3.0E 01 XXXXXXX
5.0E 01 XXXXXXX
7.0E 01 XXXXXXXXXXXXXXXXXX
1.0E 02 XX
1.5E 02 XXX
2.0E 02 X
3.0E 02 X
5.0E 02 X
7.0E 02
1.0E 03 X
1.5E 03 X
```

N	L	H	R	T	G	ANALYTICAL VALUES
15	34	0	12	0	0	138
8.02	18.18			0.0	0.0	

MAXIMUM = 1.50000E 03

MINIMUM = 2.00000E 00

GEOMETRIC MEAN = 2.89822E 01

GEOMETRIC DEVIATION = 3.53632E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 20 (PB PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	23	23	12.30	12.30
1.2E 01 -	1.8E 01	27	50	14.44	26.76
1.8E 01 -	2.6E 01	13	63	6.95	33.69
2.6E 01 -	3.8E 01	9	72	4.81	38.50
3.8E 01 -	5.6E 01	3	75	1.60	40.11
5.6E 01 -	8.3E 01	4	79	2.14	42.25
8.3E 01 -	1.2E 02	3	82	1.60	43.85
1.2E 02 -	1.8E 02	10	92	5.35	49.20
1.8E 02 -	2.6E 02	0	92	0.0	49.20
2.6E 02 -	3.8E 02	8	100	4.28	53.48
3.8E 02 -	5.6E 02	1	101	0.53	54.01
5.6E 02 -	8.3E 02	1	102	0.53	54.55
8.3E 02 -	1.2E 03	1	103	0.53	55.08
1.2E 03 -	1.8E 03	2	105	1.07	56.15
1.8E 03 -	2.6E 03	0	105	0.0	56.15
2.6E 03 -	3.8E 03	0	105	0.0	56.15
3.8E 03 -	5.6E 03	1	106	0.53	56.68
5.6E 03 -	8.3E 03	1	107	0.53	57.22

HISTOGRAM FOR COLUMN 20 (PB PPM)

```
1.0E 02 XXXXXXXXXXXX

1.5E 01 XXXXXXXXXXXXXX

2.0E 01 XXXXXXX

3.0E 01 XXXXX

5.0E 01 XX

7.0E 01 XX

1.0E 02 XX

1.5E 02 XXXXX

2.0E 02

3.0E 02 XXXX

5.0E 02 X

7.0E 02 X

1.0E 03 X

1.5E 03 X

2.0E 03

3.0E 03

5.0E 03 X
```

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

N	L	H	B	T	G	ANALYTICAL VALUES
8	68	0	12	0	4	107
4.78	36.36			0.0	2.14	

MAXIMUM = 7.00000E 03

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 3.67921E 01

GEOMETRIC DEVIATION = 4.38202E 00

FREQUENCY TABLE FOR COLUMN 22 (SC PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM.	PERCENT FREQ	PERCENT FREQ CUM
4.4E 00 -	5.6E 00	15	15	8.02	8.02
5.6E 00 -	8.3E 00	16	31	8.56	16.58
8.3E 00 -	1.2E 01	10	41	5.35	21.93
1.2E 01 -	1.8E 01	28	69	14.97	36.90
1.8E 01 -	2.6E 01	21	90	11.23	48.13
2.6E 01 -	3.8E 01	24	114	12.83	60.96
3.8E 01 -	5.6E 01	6	120	3.21	64.17
5.6E 01 -	8.3E 01	7	127	3.74	67.91
8.3E 01 -	1.2E 02	4	131	2.14	70.05

HISTOGRAM FOR COLUMN 22 (SC PPM)

```
5.0E 00 XXXXXXXX

7.0E 00 XXXXXXXXX

1.0E 01 XXXXX

1.5E 01 XXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXX

5.0E 01 XXX

7.0E 01 XXXX

1.0E 02 XX
```

N	L	H	B	T	G	ANALYTICAL VALUES
21	34	0	12	0	1	131
11.23	18.18			0.0	0.53	

MAXIMUM = 1.00000E 02

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 1.68645E 01

GEOMETRIC DEVIATION = 2.19314E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 24 (SR PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
3.8E 01 -	5.6E 01	0	0	0.0	0.0
5.6E 01 -	8.3E 01	0	0	0.0	0.0
8.3E 01 -	1.2E 02	17	17	9.09	9.09
1.2E 02 -	1.8E 02	19	36	10.16	19.25
1.8E 02 -	2.6E 02	6	42	3.21	22.46
2.6E 02 -	3.8E 02	31	73	16.58	39.04
3.8E 02 -	5.6E 02	7	80	3.74	42.78
5.6E 02 -	8.3E 02	26	106	13.90	56.68
8.3E 02 -	1.2E 03	8	114	4.28	60.96
1.2E 03 -	1.8E 03	7	121	3.74	64.71
1.8E 03 -	2.6E 03	0	121	0.0	64.71
2.6E 03 -	3.8E 03	1	122	0.53	65.24
3.8E 03 -	5.6E 03	1	123	0.53	65.78

HISTOGRAM FOR COLUMN 24 (SR PPM)

```
1.0E 02 XXXXXXXXX

1.5E 02 XXXXXXXXXX

2.0E 02 XXX

3.0E 02 XXXXXXXXXXXXXXXXX

5.0E 02 XXXX

7.0E 02 XXXXXXXXXXXXXX

1.0E 03 XXXX

1.5E 03 XXXX

2.0E 03

3.0E 03 X

5.0E 03 X
```

N	L	H	B	T	D	ANALYTICAL VALUES
6	55	0	12	0	0	126
3.21	29.41			0.0	0.0	

MAXIMUM = 5.00000E 03

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 3.20568E 02

GEOMETRIC DEVIATION = 2.66900E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 25 (V PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	6	6	3.21	3.21
1.2E 01 -	1.8E 01	16	22	8.56	11.76
1.8E 01 -	2.6E 01	6	28	3.21	14.97
2.6E 01 -	3.8E 01	19	47	10.16	25.13
3.8E 01 -	5.6E 01	12	59	6.42	31.55
5.6E 01 -	8.3E 01	15	74	8.02	39.57
8.3E 01 -	1.2E 02	18	92	9.63	49.20
1.2E 02 -	1.8E 02	35	127	18.72	67.91
1.8E 02 -	2.6E 02	18	145	9.63	77.54
2.6E 02 -	3.8E 02	18	163	9.63	87.17
3.8E 02 -	5.6E 02	6	169	3.21	90.37
5.6E 02 -	8.3E 02	5	174	2.67	93.05
8.3E 02 -	1.2E 03	1	175	0.53	93.58

HISTOGRAM FOR COLUMN 25 (V PPM)

```
1.0E 01 XXX
1.5E 01 XXXXXXXXX
2.0E 01 XXX
3.0E 01 XXXXXXXXXX
5.0E 01 XXXXXX
7.0E 01 XXXXXXXX
1.0E 02 XXXXXXXXXX
1.5E 02 XXXXXXXXXXXXXXXXXXX
2.0E 02 XXXXXXXXXX
3.0E 02 XXXXXXXXXX
5.0E 02 XXX
7.0E 02 XXX
1.0E 03 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
2	10	0	12	0	0	175
1.07	5.35			0.0	0.0	

MAXIMUM = 1.00000E 03

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 8.80627E 01

GEOMETRIC DEVIATION = 3.02557E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 27 (Y PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
8.3E 00 -	1.2E 01	19	19	10.16	10.16
1.2E 01 -	1.8E 01	26	45	13.90	24.06
1.8E 01 -	2.6E 01	27	72	14.44	38.50
2.6E 01 -	3.8E 01	48	120	25.67	64.17
3.8E 01 -	5.6E 01	11	131	5.88	70.05
5.6E 01 -	8.3E 01	10	141	5.35	75.40
8.3E 01 -	1.2E 02	1	142	0.53	75.94
1.2E 02 -	1.8E 02	1	143	0.53	76.47

HISTOGRAM FOR COLUMN 27 (Y PPM)

```
1.0E 01 XXXXXXXXXX

1.5E 01 XXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 01 XXXXXX

7.0E 01 XXXXX

1.0E 02 X

1.5E 02 X
```

N	L	H	B	T	G	ANALYTICAL VALUES
15	28	0	12	0	1	143
8.02	14.97			0.0	0.53	

MAXIMUM = 1.50000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 2.38276E 01

GEOMETRIC DEVIATION = 1.77083E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN ZR (ZN PPM)

LIMITS LOWER - UPPER		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM.
1.8E 02 -	2.5E 02	1	1	0.53	0.53
2.5E 02 -	3.8E 02	7	8	3.74	4.28
3.8E 02 -	5.6E 02	3	11	1.60	5.88
5.6E 02 -	8.3E 02	0	11	0.0	5.88
8.3E 02 -	1.2E 03	1	12	0.53	6.42
1.2E 03 -	1.8E 03	2	14	1.07	7.49
1.8E 03 -	2.6E 03	0	14	0.0	7.49
2.6E 03 -	3.8E 03	2	16	1.07	8.56
3.8E 03 -	5.6E 03	0	16	0.0	8.56
5.6E 03 -	8.3E 03	1	17	0.53	9.09

HISTOGRAM FOR COLUMN ZR (ZN PPM)

```
2.0E 02 X

3.0E 02 XXXX

5.0E 02 XX

7.0E 02

1.0E 03 X

1.5E 03 X

2.0E 03

3.0E 03 X

5.0E 03

7.0E 03 X
```

N	L	H	R	T	G	ANALYTICAL VALUES
187	52	0	12	0	7	17
58.36	27.81			0.0	3.74	

MAXIMUM = 7.00000E 03

MINIMUM = 2.00000E 02

GEOMETRIC MEAN = 6.56162E 02

GEOMETRIC DEVIATION = 2.86212E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

FREQUENCY TABLE FOR COLUMN 29 (ZR PPM)

LIMITS LOWER	- UPPER	FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
1.8E 01 -	2.6E 01	2	2	1.07	1.07
2.6E 01 -	3.8E 01	7	9	3.74	4.81
3.8E 01 -	5.6E 01	9	18	4.81	9.63
5.6E 01 -	8.3E 01	37	55	19.79	29.41
8.3E 01 -	1.2E 02	23	78	12.30	41.71
1.2E 02 -	1.8E 02	37	115	19.79	61.50
1.8E 02 -	2.6E 02	11	126	5.88	67.38
2.6E 02 -	3.8E 02	18	144	9.63	77.01
3.8E 02 -	5.6E 02	7	151	3.74	80.75
5.6E 02 -	8.3E 02	1	152	0.53	81.28
8.3E 02 -	1.2E 03	1	153	0.53	81.82

HISTOGRAM FOR COLUMN 29 (ZR PPM)

```
2.0E 01 X

3.0E 01 XXXX

5.0E 01 XXXXX

7.0E 01 XXXXXXXXXXXXXXXXXXX

1.0E 02 XXXXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXXXX

2.0E 02 XXXXXX

3.0E 02 XXXXXXXXXX

5.0E 02 XXXX

7.0E 02 X

1.0E 03 X
```

N	L	B	R	T	G	ANALYTICAL VALUES
14	18	0	12	0	0	155
7.49	9.63			0.0	0.0	

MAXIMUM = 1.00000E 03

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 1.16020E 02

GEOMETRIC DEVIATION = 2.13405E 00

Explanation

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.083, etc. The frequency distributions are computed using these brackets as class intervals.

The letter E after a value stands for decimal exponent and is followed by a signed or unsigned, one- or two-digit integer constant. In this case, a value 1.0E-01 means 1.0×10^{-1} or 0.1, a value 1.0E 01 means 1.0×10^{1} or 10.0, a value 1.0E-02 means 1.0×10^{-2} or .01, a value 1.0E 02 means 1.0×10^{2} or 100, etc.

Histograms represent percent frequency distribution where each X equals one percent.

IN THE COMPUTATIONS PERFORMED TO PRODUCE THE FOLLOWING TABLE OF GEOMETRIC MEANS AND DEVIATIONS, ALL ELEMENTS ARE IGNORED WHERE ONE OR MORE OF THE UNQUALIFIED DATA VALUES IS LESS THAN THE ANALYTICAL LIMIT OF DETECTION SPECIFIED ON INPUT OR WHERE ANY DATA VALUES ARE QUALIFIED WITH THE G (GREATER THAN) CODE. DATA VALUES QUALIFIED WITH R OR H ARE NOT USED IN THE COMPUTATIONS. WHERE NONE OF THE DATA VALUES FOR AN ELEMENT ARE QUALIFIED THE MEAN AND DEVIATION SHOULD BE THE SAME AS THOSE GIVEN IN THE PRECEDING SECTION. WHERE DATA ARE QUALIFIED WITH THE CODES N, L, OR T, THE ESTIMATES OF GEOMETRIC MEAN AND DEVIATION ARE BASED ON A METHOD BY A. J. COHEN FOR TREATING CENSORED DISTRIBUTIONS. THE APPLICATION OF THIS METHOD TO GEOCHEMICAL PROBLEMS IS DESCRIBED IN USGS PROFESSIONAL PAPER 574-B. THE ESTIMATES ARE UNBIASED IN A STRICT SENSE ONLY WHERE THE DATA ARE DERIVED FROM A LOGNORMAL PARENT POPULATION, BUT EXPERIMENTS HAVE SHOWN THAT LARGE DEPARTURES FROM THIS REQUIREMENT MAY NOT GREATLY INVALIDATE THE RESULTS. ACCEPTANCE AND USE OF THE ESTIMATES, HOWEVER, IS THE RESPONSIBILITY OF THE INDIVIDUAL.

A470 STATISTICAL SUMMARY DATE 5/ 6/69

ELEMENT	N	L	H	F	T	G	ANALYTICAL VALUES
FE PCT	0	3	0	12	0	7	177
MG PCT	1	10	0	12	0	1	175
CA PCT	0	22	0	12	0	10	155
TI PCT	0	9	0	12	0	12	166
MN PPM	0	3	0	12	0	4	180
AG PPM	112	43	0	12	0	0	32
AS PPM	157	28	0	12	0	0	2
AU PPM	1	161	0	6	0	0	31
B PPM	49	61	0	12	0	0	77
BA PPM	5	10	0	12	0	1	171
BE PPM	41	89	0	12	0	0	57
BI PPM	162	10	0	12	0	3	12
CD PPM	31	40	0	12	0	0	116
CR PPM	6	26	0	12	0	0	155
CU PPM	2	11	0	12	0	6	168
LA PPM	32	86	0	12	0	1	68
MO PPM	146	21	0	12	0	0	20
NB PPM	8	121	0	12	0	0	58
NI PPM	15	34	0	12	0	0	138
PB PPM	8	68	0	12	0	4	107
SB PPM	178	4	0	12	0	1	4
SC PPM	21	34	0	12	0	1	131
SN PPM	160	21	0	12	0	1	5
SR PPM	6	55	0	12	0	0	126
V PPM	2	10	0	12	0	0	175
W PPM	170	17	0	12	0	0	0
Y PPM	15	28	0	12	0	1	143
ZN PPM	111	52	0	12	0	7	17
ZR PPM	14	18	0	12	0	0	155

ELEMENT	GEOMETRIC MEAN	GEOMETRIC DEVIATION	REMARKS
FE PCT	********	******	7 GREATER THAN VALUES. NO COMPUTATIONS.
MG PCT	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.
CA PCT	********	******	2 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
TI PCT	********	******	12 GREATER THAN VALUES. NO COMPUTATIONS.
MN PPM	********	******	4 GREATER THAN VALUES. NO COMPUTATIONS.
AG PPM	0.003650	******	155 NOT DETECTED, LESS THAN, OR TRACE VALUES. 32 REPORTED VALUES.
AS PPM	********	******	185 NOT DETECTED, LESS THAN, OR TRACE VALUES. 2 REPORTED VALUES. NO COMPUTATIONS.
AU PPM	********	******	162 NOT DETECTED, LESS THAN, OR TRACE VALUES. 31 REPORTED VALUES. NO COMPUTATIONS.
B PPM	********	******	1 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
BA PPM	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.
BE PPM	0.458481	3.21	130 NOT DETECTED, LESS THAN, OR TRACE VALUES. 57 REPORTED VALUES.
BI PPM	********	******	3 GREATER THAN VALUES. NO COMPUTATIONS.
CD PPM	7.625479	5.34	71 NOT DETECTED, LESS THAN, OR TRACE VALUES. 116 REPORTED VALUES.
CR PPM	********	******	5 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
CU PPM	********	******	2 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
LA PPM	********	******	1 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
MO PPM	********	******	1 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
NB PPM	0.557619	14.83	129 NOT DETECTED, LESS THAN, OR TRACE VALUES. 58 REPORTED VALUES.
NI PPM	********	******	4 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
PB PPM	********	******	4 GREATER THAN VALUES. NO COMPUTATIONS.
SB PPM	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.
SC PPM	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.
SN PPM	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.

SR	PPM	********	******	3 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.
U	PPM	73.11309H	3.64	12 NOT DETECTED, LESS THAN, OR TRACE VALUES. 175 REPORTED VALUES.
W	PPM	********	******	187 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.
Y	PPM	********	******	1 GREATER THAN VALUES. NO COMPUTATIONS.
ZN	[redacted]	********	******	7 GREATER THAN VALUES. NO COMPUTATIONS.
ZR	PPM	********	******	2 VALUES LESS THAN SPECIFIED LIMIT OF DETECTION. NO COMPUTATIONS.