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GJBX-259 (81)

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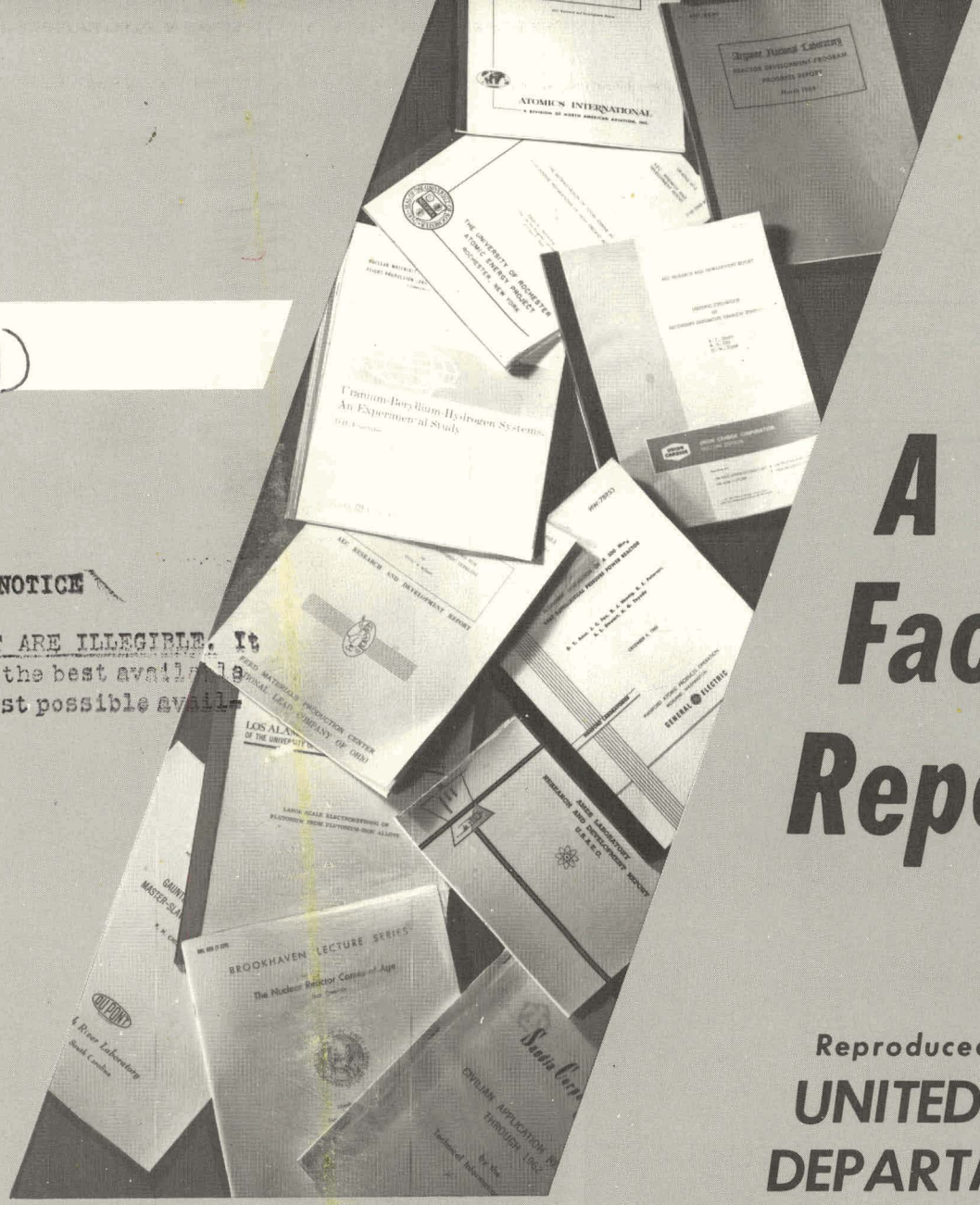

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GJBX-259(81)

National Uranium Resource Evaluation

URANIUM HYDROGEOCHEMICAL AND STREAM SEDIMENT RECONNAISSANCE OF THE PHILIP SMITH MOUNTAINS NTMS QUADRANGLE, ALASKA

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Data Compiled by

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Grand Junction, Colorado

Data Collection and Chemical Analysis by

Los Alamos National Laboratory
Los Alamos, New Mexico

September 1981

PREPARED FOR THE U.S. DEPARTMENT OF ENERGY
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This report is a result of work performed as part of the National Uranium Resource Evaluation. NURE is a program of the U.S. Department of Energy's Grand Junction, Colorado, Office to acquire and compile geologic and other information with which to assess the magnitude and distribution of uranium resources and to determine areas favorable for the occurrence of uranium in the United States.

GJBX-259(81)

URANIUM HYDROGEOCHEMICAL AND STREAM SEDIMENT RECONNAISSANCE OF THE PHILIP SMITH MOUNTAINS NTMS QUADRANGLE, ALASKA

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INTRODUCTION

This report presents results of a Hydrogeochemical and Stream Sediment Reconnaissance (HSSR) of the Philip Smith Mountains NTMS quadrangle, Alaska. In addition to this abbreviated data release, more complete data are available to the public in machine-readable form through the Grand Junction Office Information System (GJOIS) at Oak Ridge National Laboratory (ORNL). Inquiries regarding the machine-readable data should be directed to:

GJOIS Project
UCC-ND Computing Applications Department
4500 North Building
Oak Ridge National Laboratory
P.O. Box X
Oak Ridge, TN 37830

Presented in this data release are location data, field analyses, and laboratory analyses of several different sample media. For the sake of brevity, many field site observations have not been included in this volume. These data are, however, available on the magnetic tape. Appendices A and B describe the sample media and summarize the analytical results for each medium. The data were subdivided by one of the Los Alamos National Laboratory (LANL) sorting programs of Zinkl and others (1981a) into groups of stream sediment and lake sediment samples. For each group which contains a sufficient number of observations, statistical tables, tables of raw data, and 1:1000000 scale maps of pertinent elements have been included in this report. In addition, maps showing results of multivariate statistical analyses have been included.

The Philip Smith Mountains NTMS quadrangle hydrogeochemical reconnaissance was performed by the LANL, under contract to the Grand Junction Office of the United States Department of Energy (DOE), as part of the National Uranium Resource Evaluation (NURE) program. LANL was responsible for conducting the HSSR program in the states of New Mexico, Colorado, Wyoming, Montana, and Alaska. This data release was prepared by the Bendix Field Engineering Corporation in order to make the data available to members of the public who wish to make use of the information, but who do not have access to computing facilities.

Further information about the HSSR program in general, or about the LANL portion of the program in particular, can be obtained in quarterly or semiannual program progress reports on open-file at DOE's Technical Library in Grand Junction. Inquiries should be directed to:

Technical Library
Bendix Field Engineering Corporation
P.O. Box 1569
Grand Junction, CO 81502-1569

Information about the field and analytical procedures used by LANL during sample collection and analysis may be found in any HSSR data release prepared by the LANL (see, for example, Planner and others, 1981), and will not be included in this report.

RESULTS

Population statistics for stream sediments are given in Table 1 and for lake sediments in Table 2. These tables contain statistics such as mean, standard deviation, skewness, and kurtosis for two different populations: the total population and a population consisting of only those analyses that are above the detection limit (ADL) for each element. In addition, data are provided for each variable for the total number of samples possessing analyses, the number of analyses above the detection limit (NADL), the number of analyses below the detection limit (NBDL), and the number of missing analyses (MISS). Also tabulated for each variable are the maximum value, the minimum value considered above detection limit, and the maximum detection limit. Variable detection limits account for the fact that the maximum value of the detection limit is occasionally greater than the minimum value considered above the detection limit.

Maps of elemental concentrations, ratios, factor scores, and residuals were prepared by a computer program which represents data values in their correct latitude-longitude positions by symbols which vary in size and intensity in proportion to the value being plotted (Zinkl and others, 1981b). Maps of uranium concentrations in stream sediment and lake sediment are presented as Plates 1 and 2, respectively. Thorium concentrations in stream and lake sediment samples and thorium-to-uranium ratios of stream and lake sediment samples are plotted in Plates 3, 4, 5, and 6. Locations of stream sediment and lake sediment samples are shown in Plates 7 and 8.

In addition to the full-sized plates, several page-sized maps and figures are included to assist in interpretation of the data. Scatter plots of uranium versus thorium in stream sediments and lake sediments are shown in Figures 1 and 2. These plots may be used to identify groups of samples which differ significantly from normal crustal Th/U ratios. Deviations from normal ratios may indicate areas showing uranium enrichment or depletion.

When multielement data are provided by LANL, maps of elements considered useful in uranium exploration are included in the data release. Figures 3, 4, 5, and 6 show vanadium in stream sediments, copper in stream sediments, vanadium in lake sediments, and copper in lake sediments, respectively.

Chemical analysis and field data for water samples from this quadrangle were open filed by the DOE Grand Junction Office as GJBX-163(81).

Table 1. Population Statistics for Stream Sediment Data

PHILIP SMITH MTS STREAM SEDIMENTS

VAR		TOTAL	NADL	NBDL	MISS	FOR TOTAL ANALYSES: MEAN	STD.DEV.	SKEWNESS	KURTOSIS	FOR ABOVE DETECTION LIMIT ANALYSES: MEAN	STD.DEV.	SKEWNESS	KURTOSIS	MAXIMUM	MINIMUM	DET.LIM.
1	PH	821	821	0	155	7.89	.53	-.99	6.98	7.89	.53	-.99	6.98	9.70	5.40	99999.00
2	MU	803	803	0	173	195.57	133.41	2.19	10.36	195.57	133.41	2.19	10.36	980.00	1.00	99999.00
3	UR	918	918	0	58	8.95	5.45	1.62	7.27	8.95	5.45	1.62	7.27	38.00	1.00	99999.00
4	U	976	976	0	0	3.31	1.04	8.88	164.23	3.31	1.04	8.88	164.23	23.70	1.01	99999.00
5	AG	967	2	965	9	2.51	.14	22.80	532.41	5.50	.50	0.00	1.00	6.00	5.00	5.00
6	BI	967	154	813	9	3.10	1.49	2.67	10.12	6.25	1.49	1.46	5.18	12.00	5.00	5.00
7	CD	967	10	957	9	2.55	.93	27.28	801.94	7.80	7.41	2.65	8.05	30.00	5.00	5.00
8	CU	967	897	70	9	34.23	20.42	5.39	92.44	36.51	19.43	6.66	117.89	386.00	10.00	10.00
9	NB	967	0	967	9	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	20.00
10	NI	967	868	99	9	37.72	26.26	12.49	276.27	41.16	25.54	14.91	335.68	633.00	15.00	15.00
11	PB	967	683	284	9	9.60	6.68	.93	3.88	12.56	5.79	1.13	4.87	41.00	5.00	5.00
12	SN	967	1	966	9	5.01	.16	31.05	965.00	10.00	0.00	0.00	0.00	10.00	10.00	10.00
13	W	967	116	851	9	9.11	4.86	3.59	18.19	20.91	6.20	1.91	7.41	48.00	15.00	15.00
14	BE	0	0	0	976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
15	LI	0	0	0	976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
16	AL	976	975	1	0	51595.58	24633.33	-.48	2.25	51630.33	24622.04	-.49	2.25	106100.00	2152.00	35430.00
17	AU	975	6	970	0	.03	.02	6.13	84.77	.15	.09	.61	2.25	.31	.03	.03
18	BA	976	849	127	0	463.78	328.28	2.71	18.82	521.03	296.72	3.46	24.38	3267.00	75.00	91.00
19	CA	976	785	191	0	72689.52	99170.41	1.18	2.96	90248.84	103207.98	.87	2.32	351300.00	1158.00	922.00
20	CE	975	926	49	1	51.53	25.69	-.36	2.31	54.18	23.55	-.31	2.43	136.00	3.00	2.00
21	CL	976	7	969	0	37.11	35.91	18.73	433.34	131.71	40.14	-.12	1.75	183.00	68.00	68.00
22	CO	902	878	24	74	14.29	8.46	2.95	35.09	14.67	8.25	3.27	39.05	120.20	.80	.10
23	CR	975	973	2	1	82.61	32.75	-.33	3.48	82.76	32.60	-.33	3.50	220.00	9.00	24.00
24	CS	975	865	110	1	4.92	2.91	1.16	9.27	5.49	2.58	1.85	13.65	27.00	.90	2.40
25	DY	973	954	19	3	4.34	1.91	1.53	23.62	4.39	1.82	1.59	26.70	27.00	1.00	1.00
26	EU	975	937	38	1	1.03	.46	-.18	5.00	1.07	.43	-.06	6.00	4.30	.10	.20
27	FE	975	975	0	1	32296.07	17133.76	2.30	31.98	32296.07	17133.76	2.30	31.98	252000.00	1091.00	99999.00
28	HF	975	869	106	1	4.84	2.98	.84	8.68	5.39	2.69	1.26	12.60	30.80	.40	1.00
29	K	975	901	74	1	13726.25	6396.18	-.50	2.40	14711.57	5502.89	-.44	2.53	27580.00	1671.00	4366.00
30	LA	975	940	35	1	28.25	11.40	-.49	2.99	29.19	10.46	-.38	3.09	72.00	3.00	3.00
31	LU	929	880	49	47	.28	.12	.56	10.86	.29	.11	.94	14.74	1.40	.10	.10
32	MG	976	965	11	0	9153.50	6699.49	3.22	18.85	9202.01	6684.21	3.25	19.11	65000.00	1705.00	2142.00
33	MN	976	976	0	0	634.25	1551.43	20.03	472.34	634.25	1551.43	20.03	472.34	40370.00	16.00	99999.00
34	NA	976	976	0	0	2938.67	2223.50	1.57	7.09	2938.67	2223.50	1.57	7.09	14760.00	81.00	99999.00
35	RB	975	663	312	1	67.30	41.40	-.03	1.86	91.59	25.50	.23	3.11	177.00	26.00	37.00
36	SB	960	112	848	16	1.02	.69	5.61	57.40	1.91	1.41	3.42	16.45	9.00	1.00	1.00
37	SC	975	975	0	1	11.50	5.46	-.44	2.26	11.50	5.45	-.44	2.26	25.10	.50	99999.00
38	SM	975	955	20	1	4.22	2.02	.16	4.86	4.30	1.96	.22	5.22	18.70	.30	1.20
39	SR	973	245	728	3	199.75	166.08	2.36	9.83	432.76	180.15	1.63	6.71	1354.00	161.00	239.00
40	TA	968	17	951	8	.55	.19	5.02	34.62	1.29	.46	.90	1.82	2.00	1.00	1.00
41	TB	845	83	762	131	.61	.33	3.62	16.48	1.42	.52	.59	1.92	3.00	1.00	1.00
42	TH	975	939	36	1	7.62	3.87	-.35	2.11	7.90	3.66	-.35	2.19	19.90	.40	.50
43	TI	974	903	71	2	3659.13	1859.98	-.53	2.08	3929.04	1648.03	-.59	2.30	9127.00	203.00	232.00
44	V	976	973	3	0	112.69	46.69	-.48	2.67	112.81	46.66	-.48	2.68	267.00	12.00	117.00
45	YB	975	797	178	1	2.68	1.38	.17	5.22	3.14	1.06	.84	11.75	13.00	.40	1.70
46	ZN	975	649	326	1	93.80	160	24.46	700.91	127.16	187.29	22.42	545.34	4695.00	20.00	42.00
47	TU	939	939	0	37	2.30	.92	-.59	2.41	2.30	.92	-.59	2.41	5.05	.18	99999.00

NUMBER OF SAMPLES = 976

Table 2. Population Statistics for Lake Sediment Data

PHILIP SMITH MTS LAKE SEDIMENTS

VAR		TOTAL	NADL	NBDL	MISS	FOR TOTAL ANALYSES: MEAN	STD.DEV.	SKEWNESS	KURTOSIS	FOR ABOVE DETECTION LIMIT ANALYSES: MEAN	STD.DEV.	SKEWNESS	KURTOSIS	MAXIMUM	MINIMUM	DET.LIM.
1	PH	222	222	0	18	7.64	.76	-.23	2.66	7.64	.76	-.23	2.66	9.60	5.50	99999.00
2	MU	222	222	0	18	61.82	59.33	1.01	3.19	61.82	59.33	1.01	3.19	268.00	2.00	99999.00
3	UR	3	3	0	237	6.67	2.49	.38	1.50	6.67	2.49	.38	1.50	10.00	4.00	99999.00
4	U	240	240	0	0	2.61	.75	.19	4.71	2.61	.75	.19	4.71	5.71	.27	99999.00
5	AG	223	0	223	17	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.50	5.00
6	BI	223	26	197	17	2.87	1.06	2.81	9.95	5.65	.87	1.08	3.04	8.00	5.00	5.00
7	CD	223	2	221	17	2.54	.40	12.20	157.86	6.50	1.50	0.00	1.00	8.00	5.00	5.00
8	CU	223	212	11	17	27.41	11.29	.09	2.79	28.58	10.33	.31	2.83	64.00	10.00	10.00
9	NB	223	0	223	17	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	20.00
10	NI	223	188	35	17	30.56	14.45	.11	2.62	34.85	11.42	.62	3.08	73.00	15.00	15.00
11	PB	223	145	78	17	6.70	4.13	1.02	4.52	8.96	3.42	1.51	6.84	26.00	5.00	5.00
12	SN	223	0	223	17	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00	10.00
13	W	223	18	205	17	8.57	3.87	3.82	17.32	20.78	4.88	.60	2.41	32.00	15.00	15.00
14	BE	0	0	0	240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
15	LI	0	0	0	240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
16	AL	240	239	1	0	41921.52	16270.31	-.40	2.94	42072.32	16136.07	-.39	2.96	89250.00	1780.00	11760.00
17	AU	240	2	238	0	.03	.02	7.54	88.00	.15	.11	.00	1.00	.25	.04	.03
18	BA	240	207	33	0	474.53	288.56	4.93	53.23	528.33	269.90	6.75	74.46	3530.00	140.00	167.00
19	CA	240	175	65	0	45192.50	84612.56	2.33	7.33	61737.67	93848.86	1.85	5.14	372200.00	2291.00	933.00
20	CE	240	216	24	0	38.58	16.69	-.65	2.97	42.50	12.45	-.17	2.92	77.00	11.00	5.00
21	CL	240	42	198	0	80.23	83.70	2.74	11.70	232.10	94.50	1.55	6.97	597.00	76.00	100.00
22	CO	236	205	31	4	10.07	9.36	5.59	57.50	11.54	9.18	6.50	66.90	110.20	1.50	2.10
23	CR	240	229	11	0	69.57	25.83	-.71	3.39	72.64	22.20	-.43	3.28	132.00	14.00	8.00
24	CS	240	162	78	0	2.90	1.62	.44	2.84	3.78	1.20	.91	4.60	8.30	1.10	1.30
25	DY	240	219	21	0	4.01	1.57	-.57	3.00	4.29	1.30	-.36	3.47	8.00	1.00	1.00
26	EU	240	215	25	0	.95	.38	-.52	2.98	1.04	.30	-.12	3.41	2.00	.20	.30
27	FE	240	239	1	0	26400.65	15844.78	5.10	49.20	26511.05	15785.51	5.18	49.98	188400.00	2452.00	30.00
28	HF	240	197	43	0	3.72	1.86	-.24	2.49	4.36	1.35	.12	3.67	9.70	.90	.90
29	K	240	186	54	0	8944.91	4621.01	.14	2.63	10715.93	3359.05	.67	3.37	20760.00	4233.00	2918.00
30	LA	240	213	27	0	20.41	8.48	-.67	2.95	22.56	6.30	-.35	3.68	39.00	3.00	2.00
31	LU	238	189	49	2	.23	.11	-.36	2.09	.27	.07	-.14	2.75	.40	.10	.10
32	MG	240	201	39	0	4443.49	2319.62	.79	4.81	5051.10	1969.97	1.51	6.88	14180.00	1446.00	1289.00
33	MN	240	240	0	0	592.70	1143.99	10.24	130.40	592.70	1143.99	10.24	130.40	15750.00	70.00	99999.00
34	NA	240	240	0	0	3657.17	1893.60	1.23	7.31	3657.17	1893.60	1.23	7.31	12980.00	193.00	99999.00
35	RB	240	49	191	0	34.85	23.85	1.91	6.31	75.98	21.05	1.09	3.96	144.00	46.00	34.00
36	SB	240	1	239	0	.97	.33	.68	4.92	1.00	0.00	0.00	0.00	1.00	1.00	1.00
37	SC	240	240	0	0	9.64	3.71	-.29	2.96	9.64	3.71	-.29	2.96	19.40	.40	99999.00
38	SM	240	233	7	0	3.39	1.39	-.35	2.57	3.48	1.31	-.28	2.57	6.40	.40	.30
39	SR	238	8	230	2	156.51	94.65	5.27	43.97	498.00	246.30	1.54	4.06	1081.00	295.00	236.00
40	TA	240	0	240	0	.76	.34	1.31	5.52	0.00	0.00	0.00	0.00	.76	.76	1.00
41	TB	237	7	230	3	.54	.17	4.93	32.96	1.14	.35	2.04	5.17	2.00	1.00	1.00
42	TH	240	227	13	0	5.81	2.30	-.60	2.85	6.10	2.01	-.45	2.90	11.20	1.20	.90
43	TI	240	215	25	0	3125.54	1338.08	-.62	2.53	3411.86	1072.60	-.53	2.87	5882.00	490.00	609.00
44	V	240	235	5	0	92.26	37.01	-.11	3.24	93.96	35.42	-.00	3.27	198.00	11.00	6.00
45	YB	240	149	91	0	2.17	1.17	.22	2.20	2.94	.74	.79	3.82	5.70	1.40	1.00
46	ZN	240	140	100	0	117.51	134.19	5.32	44.21	176.48	149.49	5.48	39.50	1342.00	49.00	45.00
47	TU	227	227	0	13	2.28	.61	-.71	3.25	2.28	.61	-.71	3.25	3.65	.47	99999.00

NUMBER OF SAMPLES = 240

PHILIP SMITH MTS SS

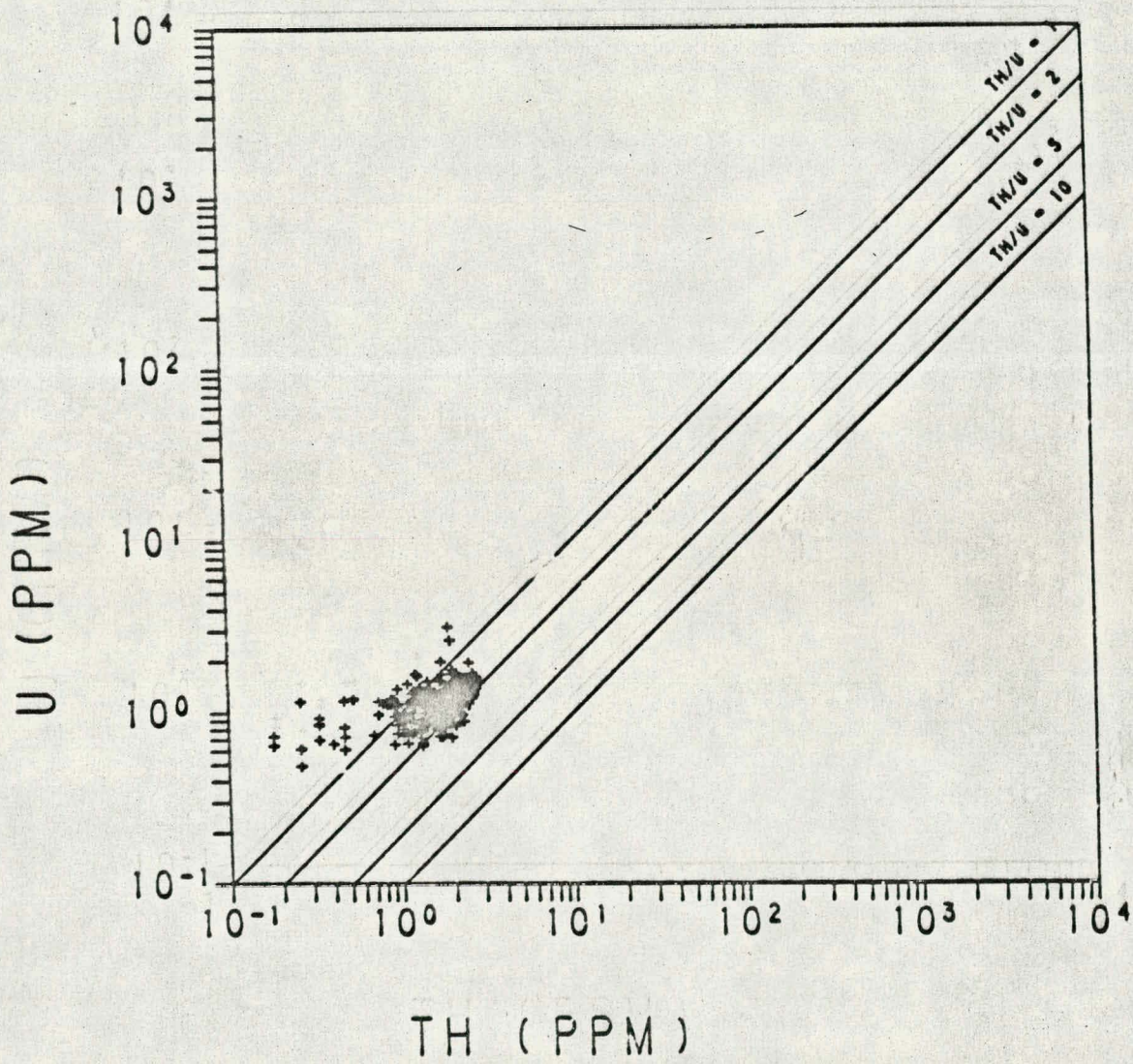

Figure 1. Uranium versus Thorium, Stream Sediments

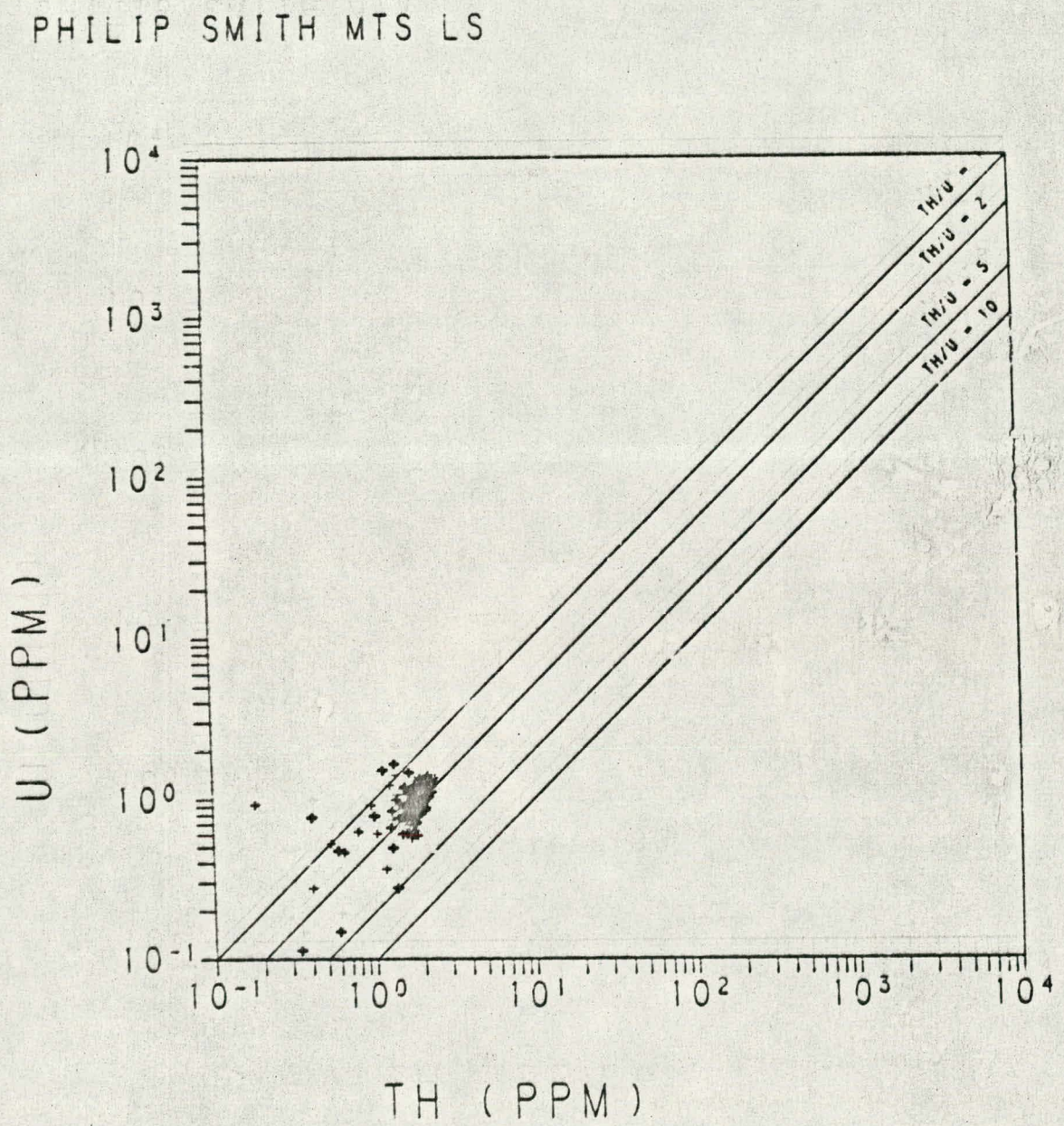

Figure 2. Uranium versus Thorium, Lake Sediments

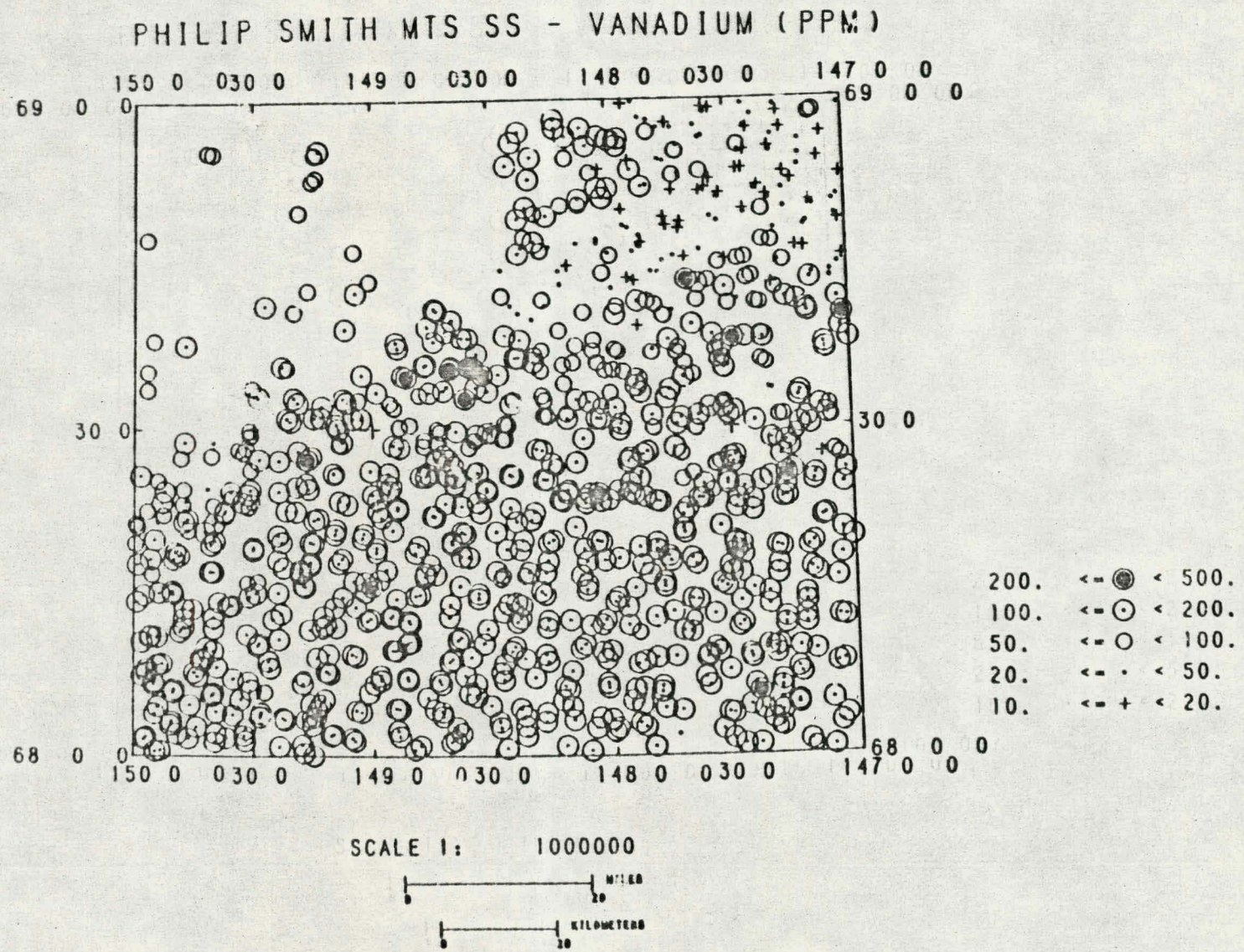

Figure 3. Vanadium (ppm) in Stream Sediments

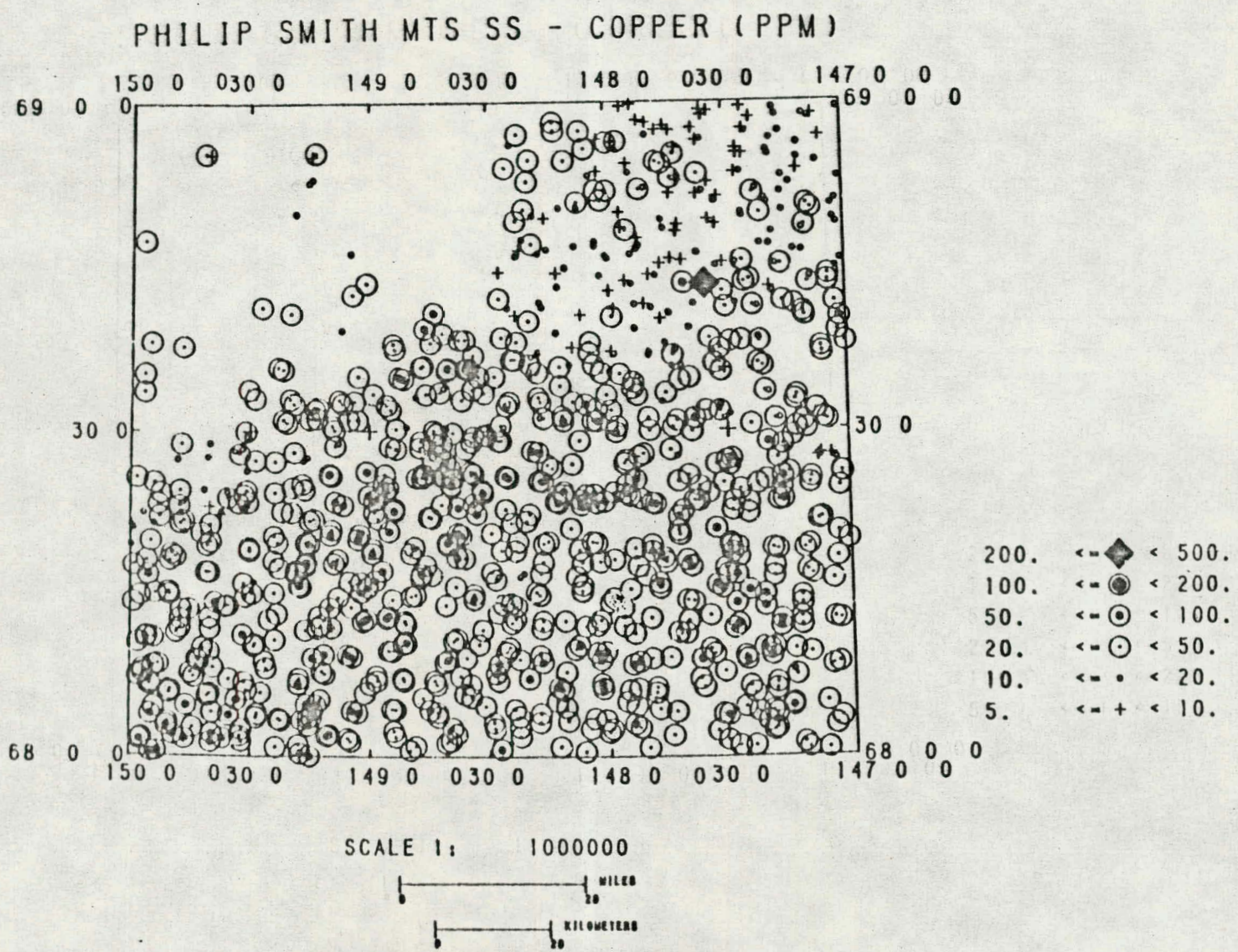

Figure 4. Copper (ppm) in Stream Sediments

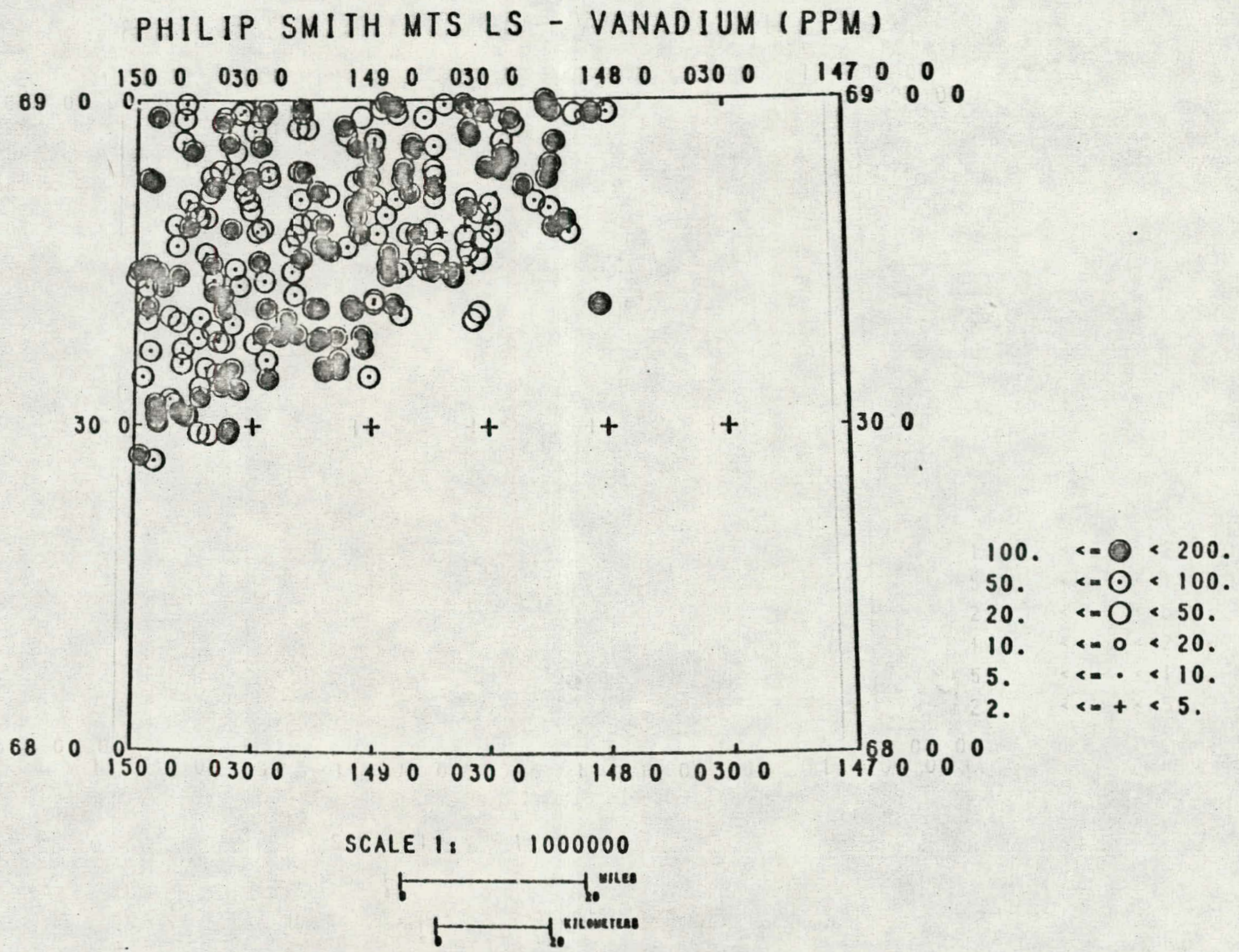

Figure 5. Vanadium (ppm) in Lake Sediments

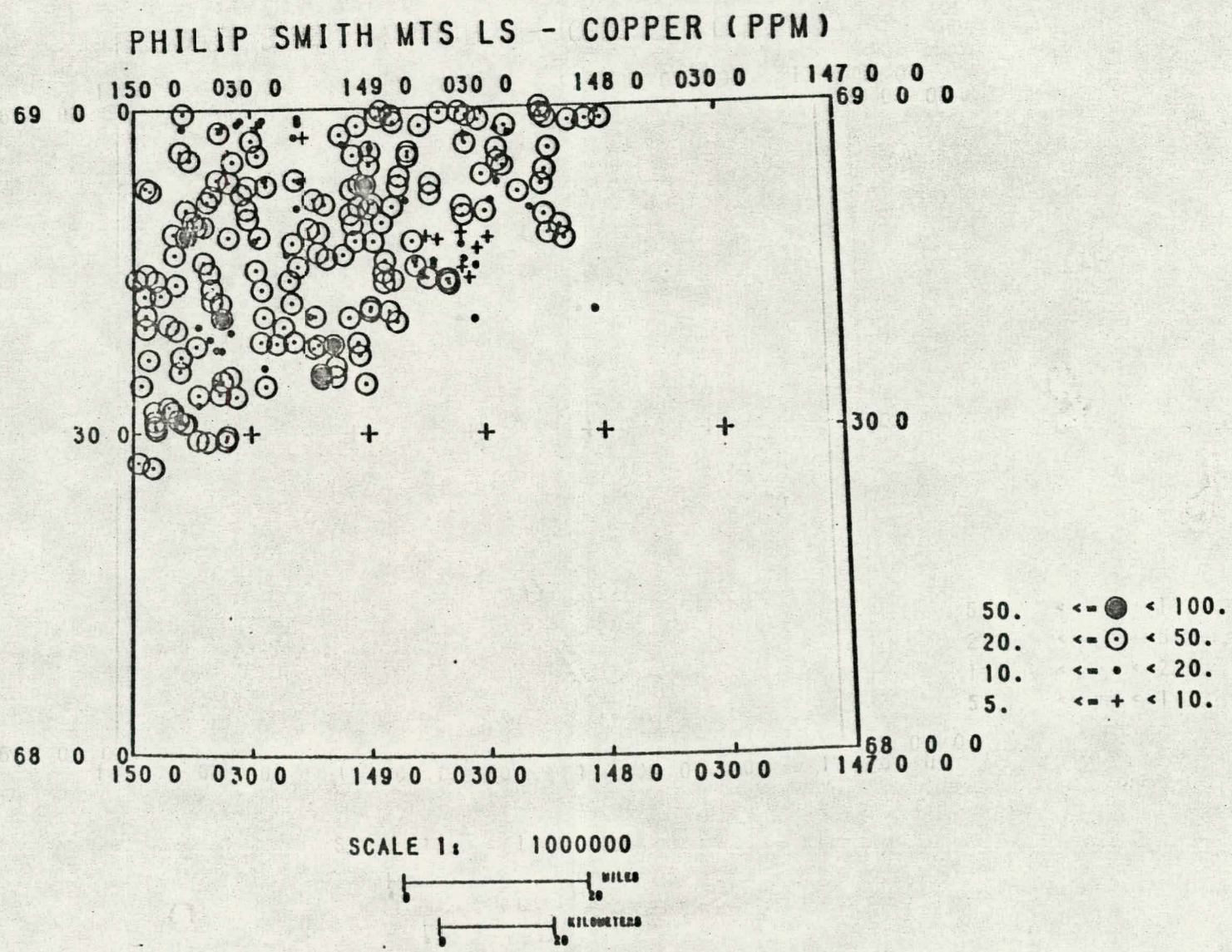

Figure 6. Copper (ppm) in Lake Sediments

MULTIVARIATE STATISTICAL ANALYSES

Stream-sediment and lake-sediment analyses were edited by the FACEDT computer program (Shettel and others, 1980) in preparation for multivariate statistical analyses, by eliminating samples and variables with insufficient data. Information contained in the stream-sediment and lake-sediment data sets before and after editing is shown in Tables 3 through 6. The edited data sets are logarithmically transformed prior to the application of statistical methods.

R-mode factor analysis (Tables 7 and 8) was performed on the transformed edited sediment data. R-mode compares variables over the range of samples; Q-mode compares samples using the variables. Factor analysis attempts to show the geochemical relationships that exist in the data by reducing the dimensionality of the multivariate observations (i.e., by grouping variables that are highly correlated into "factors"). In the sediment data, uranium typically loads with Ce, La, Fe, Mn, V, and Sc, which is characteristic of monazite, zircon, the magnetite-ilmenite suite, and the iron-manganese oxides families of minerals. Results of factor analysis of ground-water data usually show uranium loading with the major ions, confirming the relationship between uranium and specific conductance.

Because of the high degree of correlation between uranium and those elements associated with resistate minerals, step-wise multiple regression (Tables 9 and 10) was employed to "correct" the raw uranium value for that which is present in heavy or resistate minerals. A map of the regression residuals shows those areas where uranium cannot be explained by the occurrence of resistate or heavy minerals (high positive residuals). This technique enhances anomalous samples by suppressing background populations resulting from resistate or heavy minerals. Factor score and residual maps are shown in Figures 7 through 14.

Table 3. Stream Sediment Data Before Editing

PHILIP SMITH MTS STREAM SEDIMENTS

VAR	# MISSING	%	# BDL	%	MEAN	STD DEV
1 PH	155	15.88	0	0.00	7.89	.53
2 MU	173	17.73	0	0.00	195.57	133.41
3 UR	58	5.94	0	0.00	8.95	5.45
4 U	0	0.00	0	0.00	3.31	1.04
5 AG	9	.92	965	98.87	2.51	.14
6 BI	9	.92	813	83.30	3.10	1.49
7 CD	9	.92	957	98.05	2.55	.93
8 CU	9	.92	70	7.17	34.23	20.42
9 NB	9	.92	967	99.03	10.00	0.00
10 NI	9	.92	99	10.14	37.72	26.26
11 PB	9	.92	284	29.10	9.60	6.68
12 SN	9	.92	966	98.98	5.01	.16
13 W	9	.92	851	87.19	9.11	4.86
14 BE	976	100.00	0	0.00	0.00	0.00
15 LI	976	100.00	0	0.00	0.00	0.00
16 AL	0	0.00	1	.10	51595.58	24633.33
17 AU	0	0.00	970	99.39	.03	.02
18 BA	0	0.00	127	13.01	463.78	328.28
19 CA	0	0.00	191	19.57	72689.52	99170.41
20 CE	1	.10	49	5.02	51.53	25.69
21 CL	0	0.00	969	99.28	37.11	35.91
22 CO	74	7.58	24	2.46	14.29	8.46
23 CR	1	.10	2	.20	82.61	32.75
24 CS	1	.10	110	11.27	4.92	2.91
25 DY	3	.31	19	1.95	4.34	1.91
26 EU	1	.10	38	3.89	1.03	.46
27 FE	1	.10	0	0.00	32296.07	17133.76
28 HF	1	.10	106	10.86	4.84	2.98
29 K	1	.10	74	7.58	13726.25	6396.18
30 LA	1	.10	35	3.59	28.25	11.40
31 LU	47	4.82	49	5.02	.28	.12
32 MG	0	0.00	11	1.13	9153.50	6699.49
33 MN	0	0.00	0	0.00	634.25	1551.43
34 NA	0	0.00	0	0.00	2938.67	2223.50
35 RB	1	.10	312	31.97	67.30	41.40
36 SB	16	1.64	848	86.89	1.02	.69
37 SC	1	.10	0	0.00	11.50	5.46
38 SM	1	.10	20	2.05	4.22	2.02
39 SR	3	.31	728	74.59	199.75	166.08
40 TA	8	.82	951	97.44	.55	.19
41 TB	131	13.42	762	78.07	.61	.33
42 TH	1	.10	36	3.69	7.62	3.87
43 TI	2	.20	71	7.27	3659.13	1858.98
44 V	0	0.00	3	.31	112.69	46.69
45 YB	1	.10	178	18.24	2.68	1.38
46 ZN	1	.10	326	33.40	93.80	160.05
47 TU	37	3.79	0	0.00	2.30	.92

TOTAL NUMBER OF SAMPLES = 976

Table 4. Stream Sediment Data After Editing

PHILIP SMITH MTS STREAM SEDIMENTS

VAR	# MISSING	%	# BDL	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	7.88	.49
2 MU	0	0.00	0	0.00	206.39	138.94
3 UR	0	0.00	0	0.00	9.38	5.59
4 U	0	0.00	0	0.00	3.47	1.09
5 CU	0	0.00	26	3.82	37.12	20.63
6 NI	0	0.00	28	4.11	40.81	28.17
7 PB	0	0.00	148	21.73	10.46	6.54
8 AL	0	0.00	0	0.00	57178.69	20199.69
9 BA	0	0.00	38	5.58	498.94	310.06
10 CA	0	0.00	152	22.32	48660.69	74478.28
11 CE	0	0.00	3	.44	56.92	21.60
12 CO	0	0.00	9	1.32	14.66	7.91
13 CR	0	0.00	0	0.00	90.50	26.46
14 CS	0	0.00	26	3.82	5.49	2.75
15 DY	0	0.00	0	0.00	4.72	1.65
16 EU	0	0.00	4	.59	1.13	.38
17 FE	0	0.00	0	0.00	35098.69	12805.42
18 HF	0	0.00	26	3.82	5.41	2.82
19 K	0	0.00	7	1.03	15206.72	5130.67
20 LA	0	0.00	10	1.47	30.83	9.17
21 LU	0	0.00	20	2.94	.30	.11
22 MG	0	0.00	6	.88	8296.88	5442.80
23 MN	0	0.00	0	0.00	613.31	412.60
24 NA	0	0.00	0	0.00	3179.45	2105.85
25 RB	0	0.00	165	24.23	74.20	38.90
26 SC	0	0.00	0	0.00	12.70	4.55
27 SM	0	0.00	1	.15	4.64	1.76
28 TH	0	0.00	0	0.00	8.45	3.28
29 TI	0	0.00	8	1.17	4072.38	1575.95
30 V	0	0.00	0	0.00	123.35	37.57
31 YB	0	0.00	78	11.45	2.96	1.25
32 ZN	0	0.00	249	36.56	96.78	187.94
33 TU	0	0.00	0	0.00	2.43	.81

TOTAL NUMBER OF SAMPLES = 681

Table 5. Lake Sediment Data Before Editing

PHILIP SMITH MTS LAKE SEDIMENTS

VAR	# MISSING	%	# BDL	%	MEAN	STD DEV
1 PH	18	7.50	0	0.00	7.64	.76
2 MU	18	7.50	0	0.00	61.82	59.33
3 UR	237	98.75	0	0.00	6.67	2.49
4 U	0	0.00	0	0.00	2.61	.75
5 AG	17	7.08	223	92.92	2.50	0.00
6 BI	17	7.08	197	82.08	2.87	1.06
7 CD	17	7.08	221	92.08	2.54	.40
8 CU	17	7.08	11	4.58	27.41	11.29
9 NB	17	7.08	223	92.92	10.00	0.00
10 NI	17	7.08	35	14.58	30.56	14.45
11 PB	17	7.08	78	32.50	6.70	4.13
12 SN	17	7.08	223	92.92	5.00	0.00
13 W	17	7.08	205	85.42	8.57	3.87
14 BE	240	100.00	0	0.00	0.00	0.00
15 LI	240	100.00	0	0.00	0.00	0.00
16 AL	0	0.00	1	.42	41921.52	16270.31
17 AU	0	0.00	238	99.17	.03	.02
18 BA	0	0.00	33	13.75	474.53	288.56
19 CA	0	0.00	65	27.08	45192.50	84612.56
20 CE	0	0.00	24	10.00	38.58	16.69
21 CL	0	0.00	198	82.50	80.23	83.70
22 CO	4	1.67	31	12.92	10.07	9.36
23 CR	0	0.00	11	4.58	69.57	25.83
24 CS	0	0.00	78	32.50	2.90	1.62
25 DY	0	0.00	21	8.75	4.01	1.57
26 EU	0	0.00	25	10.42	.95	.38
27 FE	0	0.00	1	.42	26400.65	15844.78
28 HF	0	0.00	43	17.92	3.72	1.86
29 K	0	0.00	54	22.50	8944.91	4621.01
30 LA	0	0.00	27	11.25	20.41	8.48
31 LU	2	.83	49	20.42	.23	.11
32 MG	0	0.00	39	16.25	4443.49	2319.62
33 MN	0	0.00	0	0.00	592.70	1143.99
34 NA	0	0.00	0	0.00	3657.17	1893.60
35 RB	0	0.00	191	79.58	34.85	23.85
36 SB	0	0.00	239	99.58	.97	.33
37 SC	0	0.00	0	0.00	9.64	3.71
38 SM	0	0.00	7	2.92	3.39	1.39
39 SR	2	.83	230	95.83	156.51	94.65
40 TA	0	0.00	240	100.00	.76	.34
41 TB	3	1.25	230	95.83	.54	.17
42 TH	0	0.00	13	5.42	5.81	2.30
43 TI	0	0.00	25	10.42	3125.54	1338.08
44 V	0	0.00	5	2.08	92.26	37.01
45 YB	0	0.00	91	37.92	2.17	1.17
46 ZN	0	0.00	100	41.67	117.51	134.18
47 TU	13	5.42	0	0.00	2.28	.61

TOTAL NUMBER OF SAMPLES = 240

Table 6. Lake Sediment Data After Editing

PHILIP SMITH MTS LAKE SEDIMENTS

VAR	# MISSING	%	# BDL	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	7.62	.75
2 MU	0	0.00	0	0.00	59.08	59.50
3 U	0	0.00	0	0.00	2.72	.62
4 CU	0	0.00	7	3.63	28.48	10.86
5 NI	0	0.00	22	11.40	32.06	13.66
6 PB	0	0.00	65	33.68	6.92	4.23
7 AL	0	0.00	1	.52	45021.54	14286.46
8 BA	0	0.00	16	8.29	507.11	294.84
9 CA	0	0.00	58	30.05	32059.35	63811.82
10 CE	0	0.00	7	3.63	41.94	14.19
11 CO	0	0.00	21	10.88	10.84	9.86
12 CR	0	0.00	1	.52	75.14	21.34
13 CS	0	0.00	49	25.39	3.10	1.56
14 DY	0	0.00	8	4.15	4.25	1.35
15 EU	0	0.00	7	3.63	1.02	.32
16 FE	0	0.00	0	0.00	28389.18	16394.29
17 HF	0	0.00	21	10.88	4.06	1.71
18 K	0	0.00	31	16.06	9654.29	4371.21
19 LA	0	0.00	12	6.22	21.97	7.33
20 LU	0	0.00	26	13.47	.24	.10
21 MG	0	0.00	24	12.44	4769.18	2307.03
22 MN	0	0.00	0	0.00	628.03	1257.64
23 NA	0	0.00	0	0.00	3997.61	1827.38
24 SC	0	0.00	0	0.00	10.30	3.24
25 SM	0	0.00	1	.52	3.62	1.18
26 TH	0	0.00	0	0.00	6.25	1.92
27 TI	0	0.00	12	6.22	3373.91	1183.12
28 V	0	0.00	1	.52	99.44	32.98
29 YB	0	0.00	59	30.57	2.30	1.12
30 ZN	0	0.00	72	37.31	121.17	123.66
31 TU	0	0.00	0	0.00	2.31	.58

TOTAL NUMBER OF SAMPLES = 193

Table 7. R-mode Factor Analysis of Stream Sediment Data

FACTOR ANALYSIS (CASE 2)
PHILIP SMITH MTS STREAM SEDIMENTS
NUMBER OF SAMPLES 681
NUMBER OF VARIABLES 33

CORRELATION COEFFICIENTS

	PH	MO	UR	U	CU	NI	PB	AL	BA	CA	CE	CO	CR	CS	DY
PH	1.000														
MO	.001	1.000													
UR	.043	.164	1.000												
U	-.009	.200	.093	1.000											
CU	.009	.184	.201	.704	1.000										
NI	.001	.212	.055	.734	.735	1.000									
PB	-.057	.083	.255	.250	.422	.156	1.000								
AL	.018	.176	.317	.286	.510	.207	.586	1.000							
BA	.063	.137	.023	.247	.294	.229	.168	.341	1.000						
CA	-.006	-.039	-.300	-.277	-.486	-.171	-.541	-.816	-.318	1.000					
CE	-.020	.175	.340	.414	.589	.272	.599	.850	.228	-.797	1.000				
CO	-.079	.181	.250	.569	.767	.566	.449	.629	.209	-.634	.718	1.000			
CR	.034	.053	.197	.288	.440	.285	.460	.747	.456	-.740	.678	.529	1.000		
CS	-.021	.156	.262	.336	.403	.169	.582	.769	.275	-.581	.689	.451	.567	1.000	
DY	-.011	.184	.229	.657	.759	.590	.453	.734	.281	-.689	.768	.788	.599	.575	1.000
EU	-.006	.130	.279	.529	.707	.452	.526	.821	.369	-.781	.870	.798	.714	.663	.872
FE	-.006	.158	.316	.348	.597	.325	.464	.818	.251	-.794	.816	.766	.705	.588	.741
HF	-.030	.007	.275	.220	.345	.012	.510	.593	.121	-.742	.734	.513	.557	.420	.546
K	.010	.188	.281	.277	.424	.159	.506	.897	.352	-.736	.770	.512	.660	.730	.635
LA	-.025	.172	.303	.454	.559	.320	.553	.813	.242	-.733	.905	.639	.656	.677	.733
LU	-.023	.149	.258	.558	.693	.507	.471	.735	.300	-.718	.806	.776	.666	.587	.830
MG	070	.033	-.213	-.174	-.312	-.100	-.400	-.428	-.162	.594	-.493	-.383	-.414	-.316	-.395
MN	-.034	.027	.178	.229	.413	.196	.351	.441	.218	-.520	.469	.648	.404	.334	.481
NA	.008	.056	.123	.062	.267	.107	.103	.536	.431	-.461	.381	.347	.529	.259	.390
RB	.015	.203	.267	.276	.416	.185	.523	.783	.276	-.610	.723	.494	.584	.681	.563
SC	.016	.124	.302	.289	.550	.229	.586	.953	.369	-.814	.870	.675	.822	.758	.721
SM	-.005	.193	.306	.541	.640	.414	.537	.776	.201	-.706	.901	.732	.644	.666	.827
TH	-.021	.156	.347	.315	.507	.152	.643	.897	.196	-.824	.938	.645	.677	.748	.713
TI	-.025	.053	.318	.225	.472	.096	.590	.871	.253	-.879	.845	.615	.714	.626	.682
V	.045	.156	.236	.333	.499	.295	.511	.887	.609	-.747	.718	.546	.819	.697	.675
YB	-.009	.137	.259	.480	.636	.427	.480	.696	.122	-.675	.784	.703	.597	.539	.754
ZN	-.004	.184	-.037	.687	.580	.814	-.084	-.096	.069	.063	.049	.444	-.015	-.054	.456
TU	-.013	.139	.335	.029	.346	.022	.522	.815	.103	-.792	.845	.550	.613	.602	.579

	EU	FE	HF	K	LA	LU	MG	MN	NA	RB	SC	SM	TH	TI	V
EU	1.000														
FE	.832	1.000													
HF	.640	.602	1.000												
K	.714	.710	.546	1.000											
LA	.813	.741	.625	.767	1.000										
LU	.846	.783	.625	.657	.767	1.000									
MG	-.475	-.456	-.504	-.378	-.427	-.405	1.000								
MN	.556	.664	.364	.297	.377	.500	-.357	1.000							
NA	.494	.475	.249	.468	.344	.386	-.120	.344	1.000						
RB	.658	.637	.495	.765	.692	.614	-.326	.289	.295	1.000					
SC	.855	.862	.604	.837	.812	.778	-.433	.509	.591	.762	1.000				
SM	.895	.787	.640	.697	.860	.816	-.438	.478	.352	.673	.804	1.000			
TH	.820	.806	.738	.833	.882	.764	-.500	.448	.361	.773	.890	.844	1.000		

Table 7. R-mode Factor Analysis of Stream Sediment Data (continued)

TI	.776	.768	.758	.791	.758	.699	-.515	.422	.477	.674	.864	.722	.892	1.000	
V	.772	.723	.471	.807	.717	.674	-.378	.418	.567	.691	.875	.677	.734	.734	1.000
YB	.761	.732	.580	.619	.724	.758	-.404	.441	.270	.603	.724	.783	.757	.685	.581
ZN	.257	.120	-.128	-.134	.083	.320	.024	.134	-.044	-.074	-.074	.239	-.100	-.172	-.024
TU	.714	.778	.660	.734	.771	.647	-.480	.424	.381	.680	.819	.733	.910	.826	.623

	YB	ZN	TU
YB	1.000		
ZN	.226	1.000	
TU	.661	-.189	1.000

Table 7. R-mode Factor Analysis of Stream Sediment Data
(continued)

	FACTOR 1	2	3	4	5
EIGENVALUES	17.78192	3.50195	1.68056	1.33524	1.02185
CPTV	.53885	.64497	.69589	.73635	.76732
ELEMENTS		UNROTATED	FACTOR	LOADINGS	
PH	-.01019	.00972	-.21164	-.13897	-.65802
MU	.18052	-.19860	-.10808	-.58006	-.22926
UR	.34591	.10282	.19429	-.20078	-.48699
U	.47812	-.72096	.02825	-.14696	.14871
CU	.68249	-.57312	.00741	.03132	-.00057
NI	.38451	-.82896	-.09253	-.03818	.03939
PB	.63087	.13894	.18728	-.12742	.22198
AL	.92513	.21822	-.13955	-.09002	.00960
BA	.35828	-.07364	-.73300	.07170	.14314
CA	-.87120	-.20002	-.02462	-.21579	.02462
CE	.93722	.07319	.16343	-.07618	-.01307
CO	.79088	-.37285	.12920	.19938	-.08739
CR	.78932	.11175	-.29177	.15243	.05248
CS	.74409	.14525	-.06191	-.31883	.19374
DY	.85498	-.35242	.02865	.02341	.00662
EU	.93467	-.14508	-.02330	.08713	-.00929
FE	.89054	.00085	.01360	.15224	-.16462
HF	.70704	.23721	.30551	.14543	-.00296
K	.83679	.24184	-.16371	-.22667	.08084
LA	.88550	.02750	.09791	-.17488	.05881
LU	.87366	-.23013	.04071	.03558	-.00505
MG	-.52531	-.12303	-.26554	-.34948	-.09089
MN	.55805	-.09407	.03288	.46666	-.21702
NA	.48688	.11894	-.56323	.28616	-.17629
RB	.76692	.17229	-.05607	-.29265	.09886
SC	.93928	.18502	-.14116	-.02137	-.00168
SM	.90124	-.12913	.15144	-.08097	-.01662
TH	.93002	.22910	.16231	-.09849	.01555
TI	.88117	.29570	.05632	.07722	.01237
V	.84399	.10670	-.41678	-.03248	.08411
YB	.81816	-.14803	.21247	-.01561	-.03384
ZN	.11991	-.94136	.04302	.03381	-.04205
TU	.82206	.36641	.18480	-.01898	-.11315

FACTOR ANALYSIS (CASE 2)
PHILIP SMITH MTS LAKE SEDIMENTS
NUMBER OF SAMPLES 193
NUMBER OF VARIABLES 31

Table 8. R-mode Factor Analysis of Lake Sediment Data

CORRELATION COEFFICIENTS

	PH	MU	U	CU	NI	PB	AL	BA	CA	CE	CD	CR	CS	DY	EU
PH	1.000														
MU	.402	1.000													
U	.146	.156	1.000												
CU	.128	.019	.407	1.000											
NI	.006	-.035	.351	.632	1.000										
PB	-.005	-.020	.435	.394	.419	1.000									
AL	-.067	-.167	.623	.500	.553	.509	1.000								
BA	-.019	-.029	.274	.279	.336	.257	.441	1.000							
CA	.324	.538	-.325	-.315	-.389	-.183	-.589	-.334	1.000						
CE	-.128	-.234	.568	.407	.492	.465	.887	.386	-.629	1.000					
CD	-.193	-.224	-.031	.057	.344	.113	.153	.200	-.314	.173	1.000				
CR	-.144	-.217	.529	.360	.475	.396	.884	.454	-.625	.854	.221	1.000			
CS	.112	.093	.557	.435	.446	.452	.750	.232	-.275	.647	.114	.623	1.000		
DY	-.175	-.367	.470	.419	.503	.345	.776	.389	-.675	.748	.278	.717	.509	1.000	
EU	-.145	-.338	.504	.495	.522	.461	.842	.462	-.662	.815	.266	.782	.566	.647	1.000
FE	-.162	-.149	.001	.059	.275	.036	.171	.210	-.344	.176	.836	.244	.199	.273	.275
HF	-.341	-.373	.288	.072	.242	.222	.544	.177	-.608	.674	.222	.690	.258	.468	.512
K	.062	-.006	.502	.407	.557	.456	.772	.418	-.385	.688	.337	.680	.713	.594	.614
LA	-.042	-.102	.594	.382	.474	.482	.863	.362	-.509	.848	.138	.796	.707	.624	.740
LU	-.056	-.216	.398	.233	.383	.356	.701	.279	-.440	.744	.135	.741	.555	.612	.668
MG	.222	.253	.335	.264	.391	.237	.512	.302	-.025	.399	.151	.464	.515	.323	.357
MN	-.109	-.082	-.197	-.118	.136	-.092	-.198	.045	-.077	-.143	.822	-.100	-.077	-.044	-.060
NA	-.149	-.260	.207	.128	.194	.138	.590	.475	-.491	.482	.135	.690	.258	.487	.510
SC	-.026	-.193	.598	.579	.588	.457	.946	.439	-.591	.834	.216	.855	.707	.793	.872
SM	-.176	-.320	.529	.446	.514	.467	.836	.329	-.593	.854	.220	.783	.615	.786	.859
TH	-.135	-.259	.545	.445	.544	.490	.875	.299	-.636	.903	.234	.820	.693	.747	.793
TI	-.253	-.270	.478	.278	.398	.416	.788	.383	-.626	.790	.264	.799	.533	.688	.678
V	.031	-.033	.610	.497	.561	.447	.942	.533	-.500	.798	.178	.857	.735	.709	.764
YB	-.091	-.159	.350	.328	.317	.264	.615	.167	-.411	.653	.199	.584	.504	.564	.591
ZN	-.015	-.109	-.199	.047	.038	.028	-.162	.050	-.058	-.227	.067	-.172	-.154	-.078	-.137
TU	-.325	-.508	-.088	.201	.357	.201	.513	.144	-.614	.620	.342	.554	.329	.551	.551

	FE	HF	K	LA	LU	MG	MN	NA	SC	SM	TH	TI	V	YB	ZN
FE	1.000														
HF	.129	1.000													
K	.370	.372	1.000												
LA	.135	.601	.697	1.000											
LU	.135	.604	.591	.698	1.000										
MG	.208	.094	.614	.430	.385	1.000									
MN	.798	-.030	.108	-.186	-.114	.026	1.000								
NA	.165	.519	.414	.456	.514	.332	-.105	1.000							
SC	.251	.440	.737	.777	.653	.491	-.110	.572	1.000						
SM	.208	.580	.526	.757	.696	.350	-.093	.452	.851	1.000					
TH	.216	.644	.701	.821	.709	.375	-.074	.380	.829	.857	1.000				
TI	.270	.746	.666	.748	.651	.359	-.049	.607	.693	.699	.768	1.000			
V	.236	.449	.802	.807	.651	.619	-.143	.655	.911	.737	.771	.724	1.000		
YB	.215	.456	.464	.582	.491	.247	-.006	.296	.616	.695	.674	.530	.530	1.000	
ZN	.030	-.263	-.155	-.259	-.237	-.074	.093	-.120	-.111	-.153	-.172	-.206	-.154	-.187	1.000
TU	.289	.560	.408	.459	.517	.117	.119	.293	.485	.600	.748	.536	.396	.518	.011

	TU
TU	1.000

Table 8. R-mode Factor Analysis of Lake Sediment Data
(continued)

	FACTOR 1	2	3	4	5
EIGENVALUES	14.73776	3.20302	2.49909	1.51579	1.32731
CPTV	.47541	.57873	.65935	.70825	.75106
ELEMENTS		UNROTATED	FACTOR	LOADINGS	
PH	-.12887	-.54388	.37099	-.03044	-.02300
MU	-.25302	-.60319	.45370	-.25437	-.06656
U	.59603	-.44345	.10271	-.00459	-.04814
CU	.50542	-.23579	.26222	.54671	-.05085
NI	.60988	-.01737	.38280	.35477	-.05893
PB	.51411	-.21630	.12537	.27749	-.13989
AL	.95603	-.17879	-.02154	.01171	.04735
BA	.47200	-.01353	.22525	.04630	.62371
CA	-.68106	-.42695	.23367	-.22407	-.15457
CF	.92689	-.04671	-.13994	-.03788	-.10566
CD	.29558	.69347	.54809	-.09748	-.06660
CR	.91647	-.00380	-.10024	-.14098	.13617
CS	.72413	-.31006	.24009	-.05052	-.22878
DY	.83316	.10621	-.06773	.15705	.05627
EU	.89035	.05001	-.04541	.14609	.03780
FE	.30282	.64719	.59022	-.16928	-.02456
HF	.64914	.27098	-.40719	-.27367	-.05010
K	.79410	-.08940	.32797	-.13492	-.01331
LA	.87095	-.18512	-.06551	-.11844	-.10068
LU	.76997	-.05010	-.15746	-.20764	-.05235
MG	.49200	-.31536	.43824	-.25215	.15204
MN	-.05196	.69328	.63430	-.15101	-.11815
NA	.59835	.07410	-.16831	-.27459	.59037
SC	.92912	-.10929	.06495	.10778	.06596
SM	.89361	.03689	-.12629	.09987	-.14437
TH	.92181	.02156	-.09824	.05703	-.24667
TI	.84405	.10972	-.14780	-.18810	.06508
V	.90470	-.21934	.12979	-.07246	.19791
YB	.67504	.07167	-.06051	-.03507	-.33485
ZN	-.17344	.16543	.14322	.62762	.30677
TU	.62115	.45555	-.21841	.12338	-.22521

Table 9. Regression Analysis Results, Stream Sediment

```
MULTIPLE REGRESSION ANALYSIS

PROBLEM     PHILIP SMITH MTS SS

OBSERVATIONS     681


PROBLEM                          PHILIP SMITH MTS SS

STEPWISE REGRESSION CASE                  1

DEPENDENT VARIABLE                        4

F-LEVEL TO ENTER                   5.00000

F-LEVEL TO REMOVE                  5.00000

STANDARD ERROR OF Y                 .21619

   STEP NO.                 1

   ENTERED VARIABLE         5

     F-LEVEL                        365.69098
     STANDARD ERROR OF Y              .17442
     MULTIPLE CORRELATION             .59164
     R-SQUARED                        .35004
     DEGREES OF FREEDOM                  679
     CONSTANT TERM                    .44354

       VARIABLE      BETA PRIME       BETA          SE(BETA)
          5          .59164E+00     .22249E+00     .11635E-01

   STEP NO.                 2

   ENTERED VARIABLE        14

     F-LEVEL                         87.30297
     STANDARD ERROR OF Y              .16429
     MULTIPLE CORRELATION             .65130
     R-SQUARED                        .42419
     DEGREES OF FREEDOM                  678
     CONSTANT TERM                    .54483

       VARIABLE      BETA PRIME       BETA          SE(BETA)
          5          .36535E+00     .13739E+00     .14250E-01
         14          .35405E+00     .12491E+00     .13369E-01
```

Table 9. Regression Analysis Results, Stream Sediment (continued)

STEP NO. 3

ENTERED VARIABLE 33

F-LEVEL	418.63899
STANDARD ERROR OF Y	.12924
MULTIPLE CORRELATION	.80262
R-SQUARED	.64420
DEGREES OF FREEDOM	677
CONSTANT TERM	.42224

VARIABLE	BETA PRIME	BETA	SE(BETA)
5	.46523E+00	.17495E+00	.11359E-01
14	.82920E+00	.29255E+00	.13331E-01
33	-.71862E+00	-.33507E+00	.16376E-01

STEP NO. 4

ENTERED VARIABLE 28

F-LEVEL	14122181.95570
STANDARD ERROR OF Y	.00089
MULTIPLE CORRELATION	.99999
R-SQUARED	.99998
DEGREES OF FREEDOM	676
CONSTANT TERM	-1.06350

VARIABLE	BETA PRIME	BETA	SE(BETA)
5	.31757E-03	.17495E+00	.11359E-01
14	.40780E-03	.29255E+00	.13331E-01
28	.25102E+01	.99955E+00	.26598E-03
33	-.21443E+01	-.99982E+00	.21011E-03

ANALYSIS OF VARIANCE

TERM	SS	DF	MS
TOTAL	.31782E+02	680	
REG	.31782E+02	4	.79454E+01
ERR	.54127E-03	676	.80069E-06

Table 10. Regression Analysis Results, Lake Sediment

```
MULTIPLE REGRESSION ANALYSIS

PROBLEM     PHILIP SMITH MTS LS

OBSERVATIONS     193


PROBLEM                          PHILIP SMITH MTS LS

STEPWISE REGRESSION CASE                1

DEPENDENT VARIABLE                      3

F-LEVEL TO ENTER                 5.00000

F-LEVEL TO REMOVE                5.00000

STANDARD ERROR OF Y               .24883

   STEP NO.                 1

   ENTERED VARIABLE  28

     F-LEVEL                        198.77467
     STANDARD ERROR OF Y              .17464
     MULTIPLE CORRELATION             .71412
     R-SQUARED                        .50997
     DEGREES OF FREEDOM                  191
     CONSTANT TERM                  -1.03121

       VARIABLE     BETA PRIME      BETA          SE(BETA)
          28        .71412E+00    .44192E+00     .31345E-01

   STEP NO.                 2

   ENTERED VARIABLE  31

     F-LEVEL                        122.82334
     STANDARD ERROR OF Y              .13646
     MULTIPLE CORRELATION             .83808
     R-SQUARED                        .70237
     DEGREES OF FREEDOM                  190
     CONSTANT TERM                  -1.46188

       VARIABLE     BETA PRIME      BETA          SE(BETA)
          28        .98252E+00    .60901E+00     .28714E-01
          31       -.51423E+00   -.40450E+00     .36499E-01
```

Table 10. Regression Analysis Results, Lake Sediment (continued)

STEP NO. 3

ENTERED VARIABLE 26

F-LEVEL	4851011.52563
STANDARD ERROR OF Y	.00085
MULTIPLE CORRELATION	.99999
R-SQUARED	.99999
DEGREES OF FREEDOM	189
CONSTANT TERM	-2.75570

VARIABLE	BETA PRIME	BETA	SE(BETA)
26	.16165E+01	.10002E+01	.45411E-03
28	-.51016E-03	.60301E+00	.28714E-01
31	-.12709E+01	-.99972E+00	.35385E-03

ANALYSIS OF VARIANCE

TERM	SS	DF	MS
TOTAL	.11888E+02	192	
REG	.11888E+02	3	.39627E+01
ERR	.13785E-03	189	.72937E-06

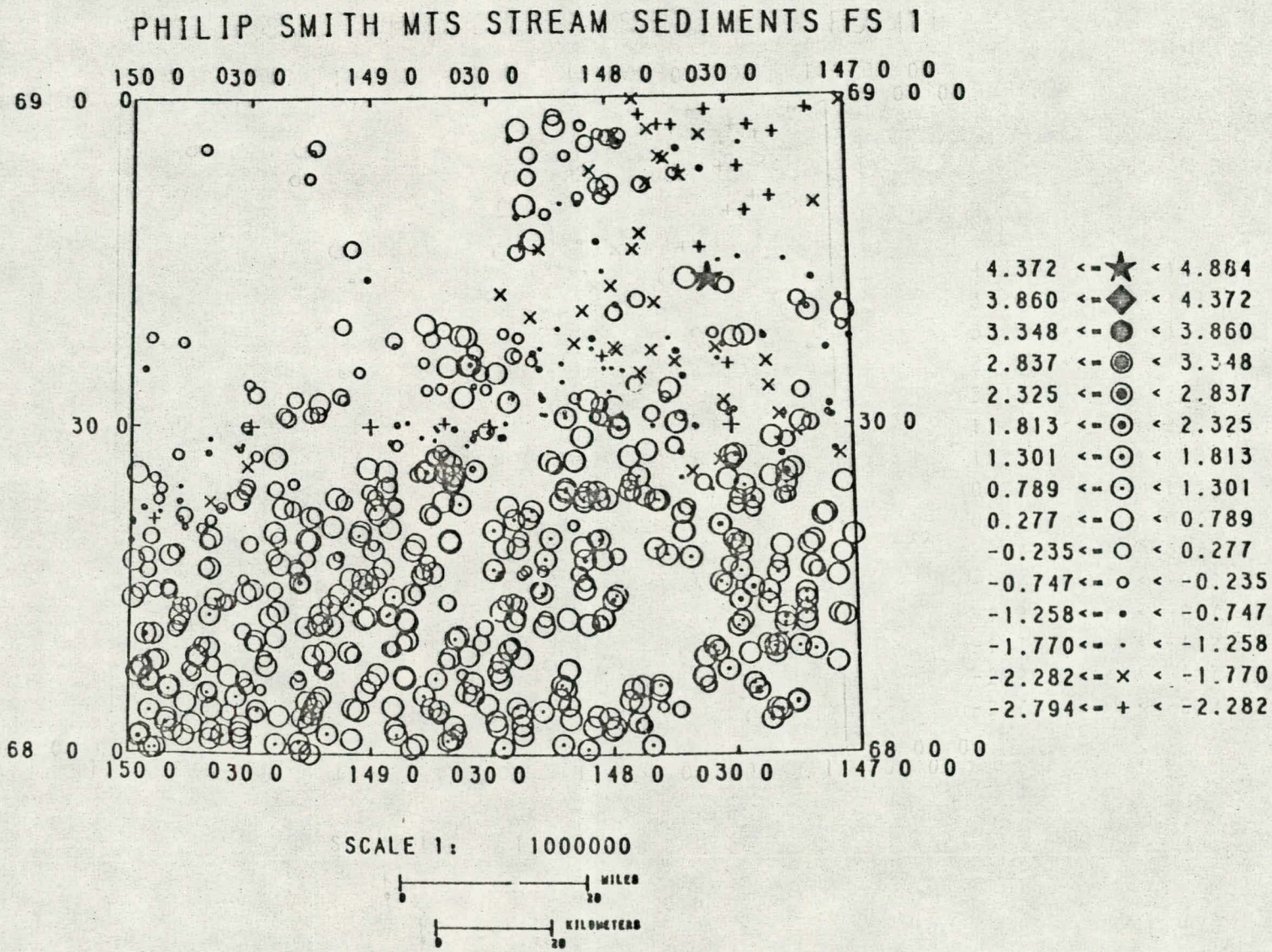

Figure 7. Stream Sediment Factor Score 1

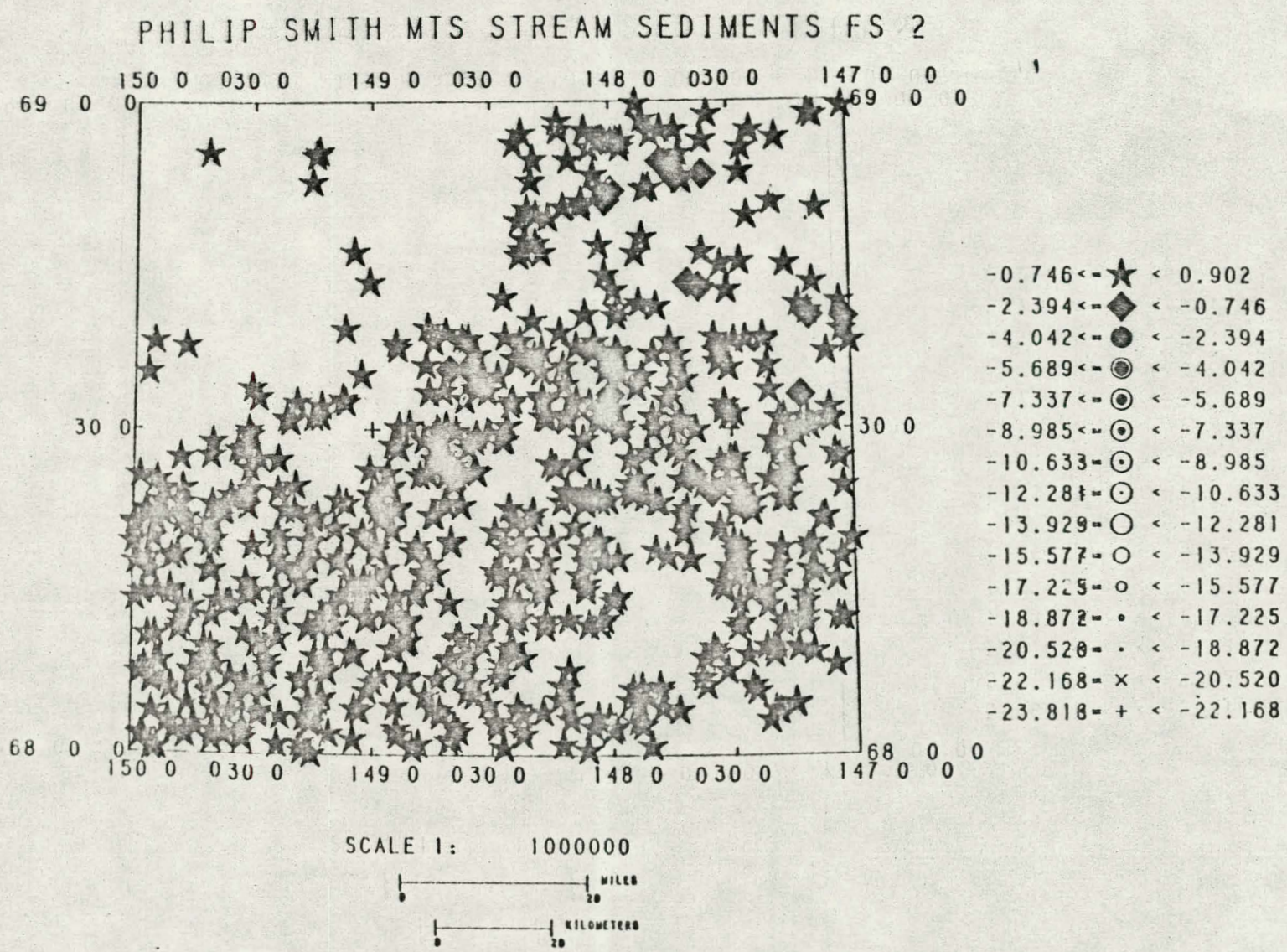

Figure 8. Stream Sediment Factor Score 2

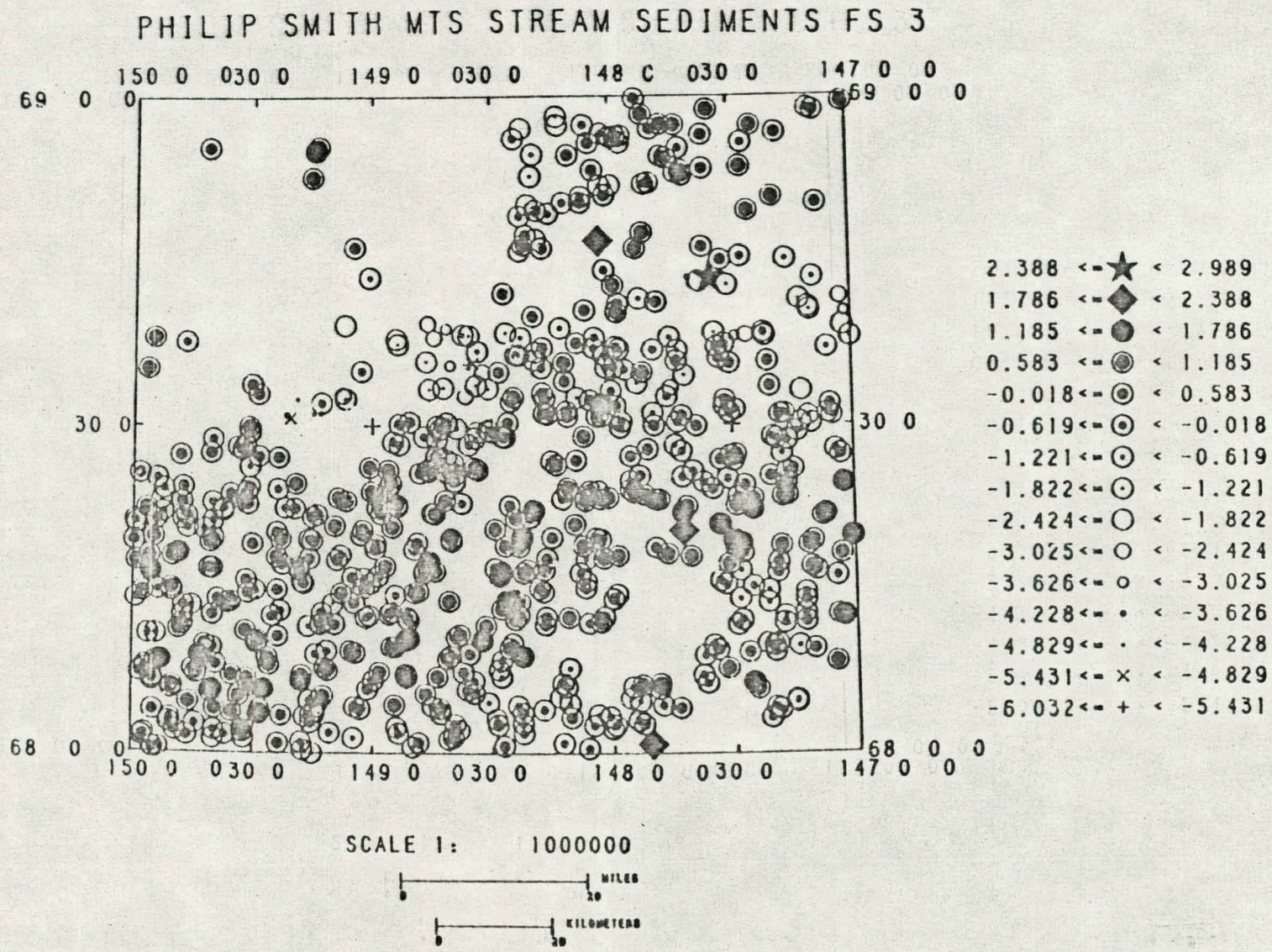

Figure 9. Stream Sediment Factor Score 3

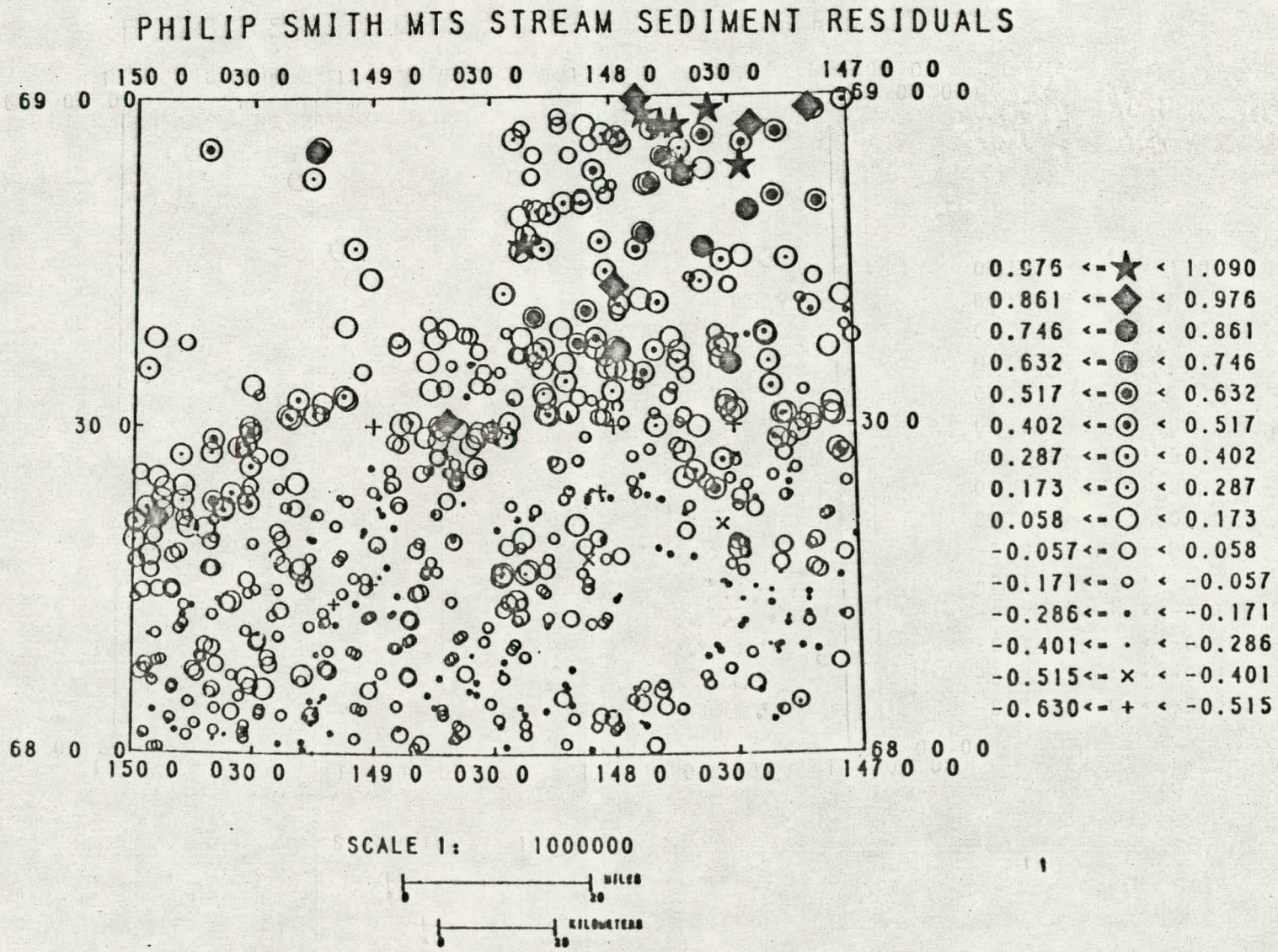

Figure 10. Stream Sediment Residuals

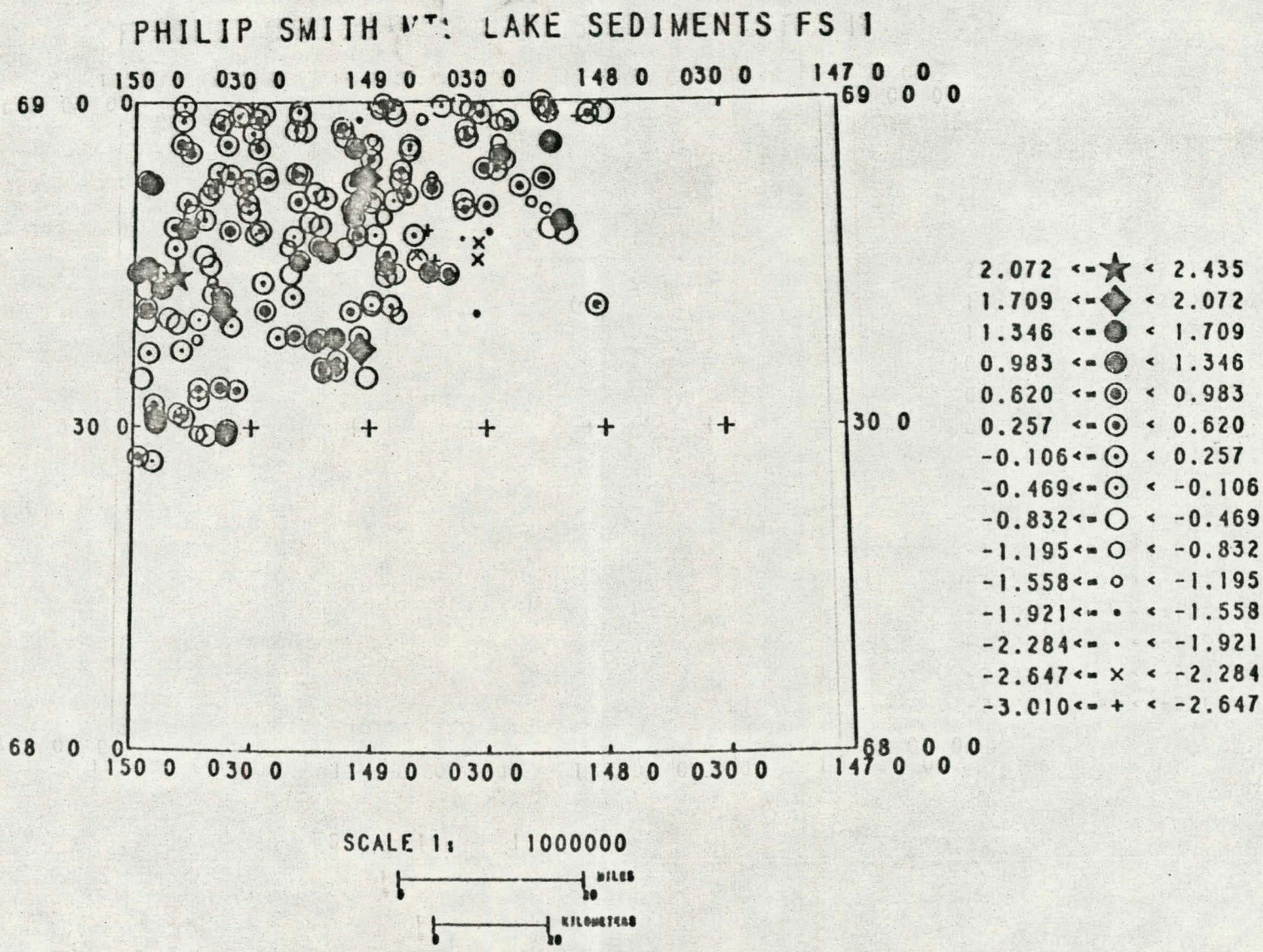

Figure 11. Lake Sediment Factor Score 1

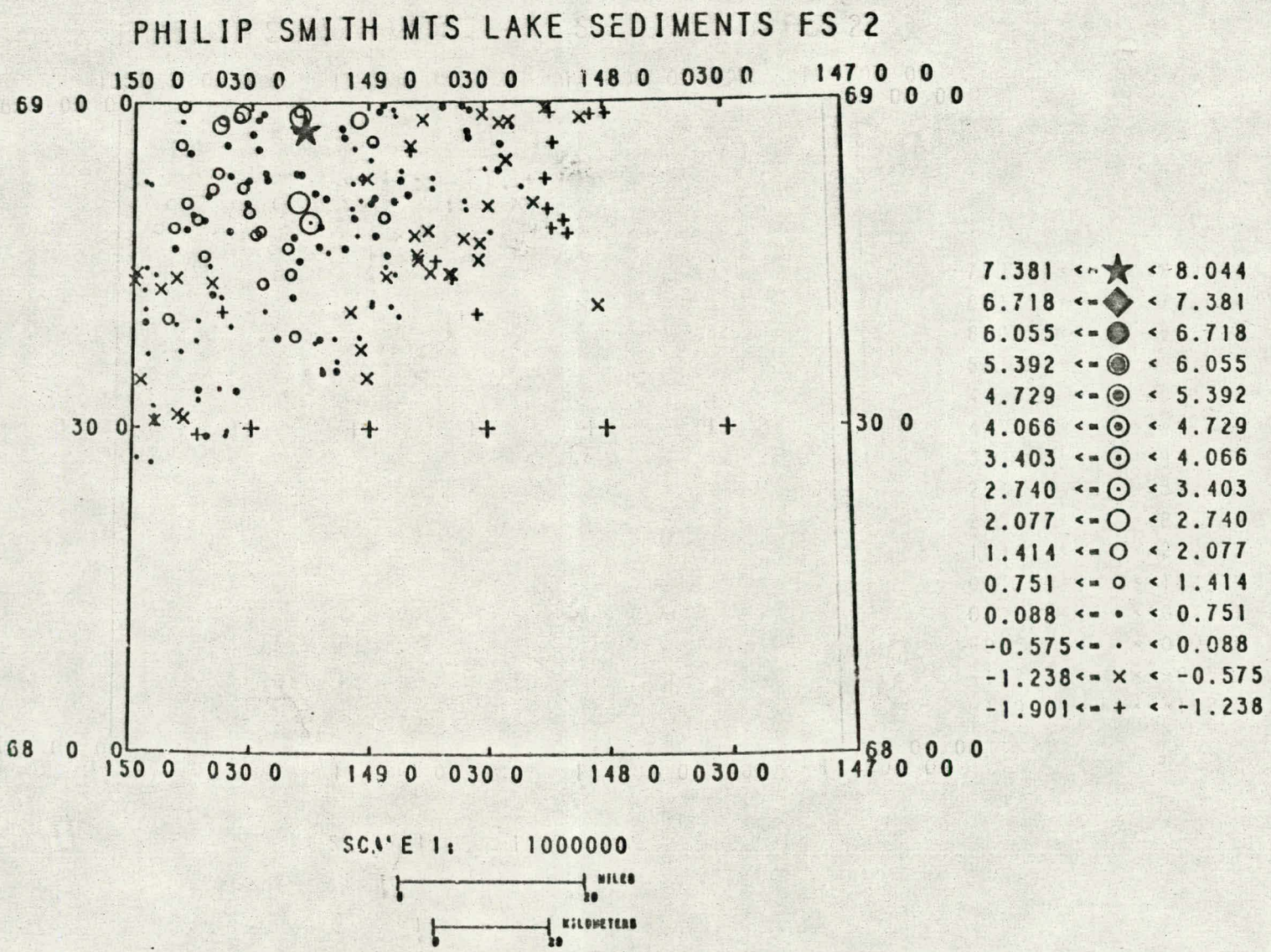

Figure 12. Lake Sediment Factor Score 2

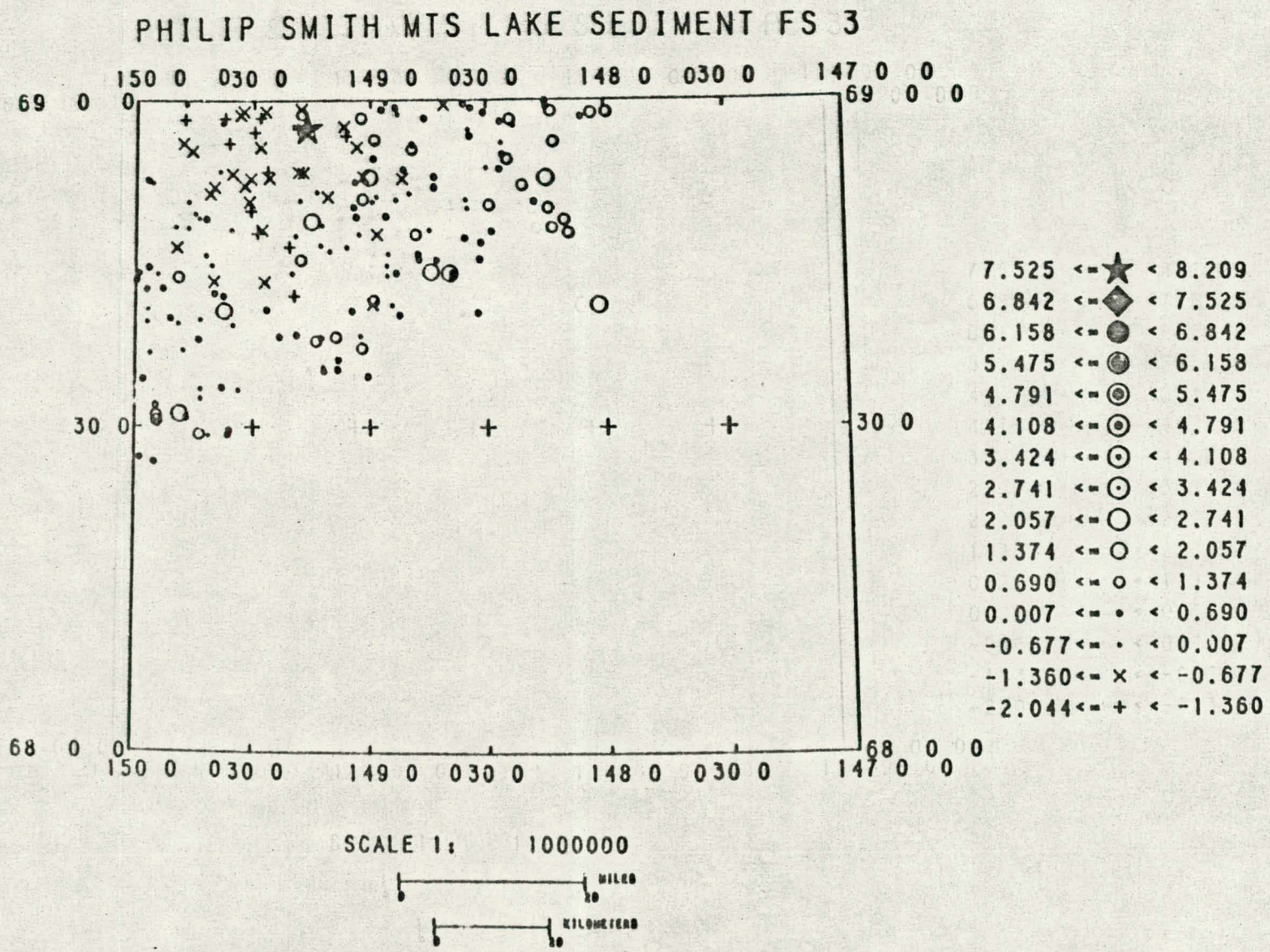

Figure 13. Lake Sediment Factor Score 3

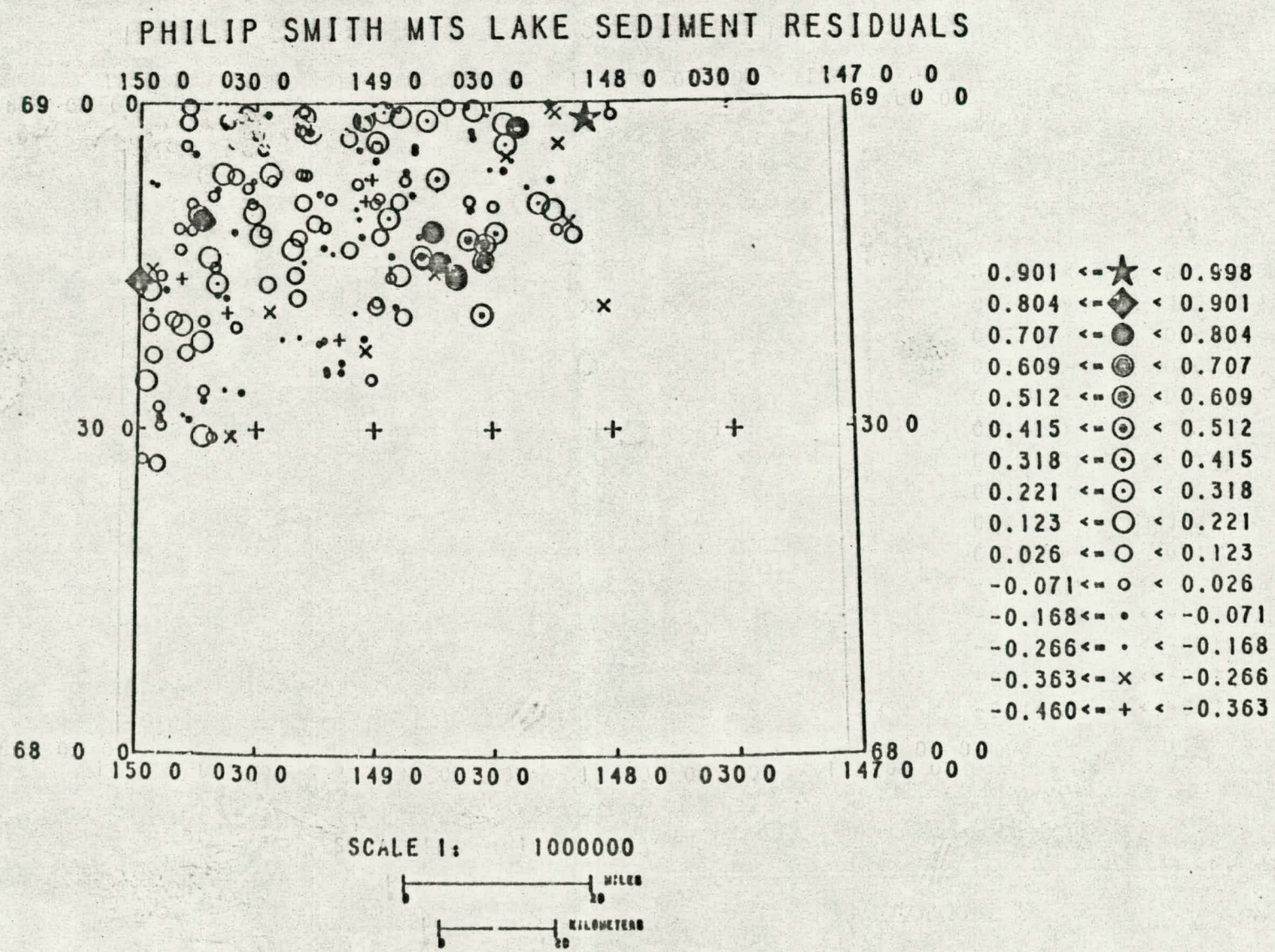

Figure 14. Lake Sediment Residuals

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Appendix A. Stream Sediment Data

Appendix A. Stream Sediment Data

PHILIP SMITH MTS STREAM SEDIMENTS

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
444801	68.0278	149.7733	7.	218.	13.	3.25	-5.	-5.	-5.	55.	-20.	51.	[illegible]	-10.	-15.
444802	68.0228	149.6642	8.	467.	16.	4.48	-5.	7.	-5.	68.	-20.	61.	[illegible]	-10.	-15.
444803	68.0289	149.6161	8.	471.	13.	4.26	-5.	7.	-5.	70.	-20.	53.	15.	-10.	-15.
444804	68.0358	149.6606	8.	251.	16.	3.79	-5.	-5.	-5.	58.	-20.	47.	9.	-10.	-15.
444805	68.0242	149.5369	7.	232.	8.	3.99	-5.	-5.	-5.	48.	-20.	35.	[illegible]	-10.	-15.
444806	68.0425	149.5369	8.	247.	13.	3.54	-5.	-5.	-5.	47.	-20.	37.	[illegible]	-10.	-15.
444807	68.0325	149.5422	7.	159.	13.	3.17	-5.	9.	-5.	47.	-20.	30.	[illegible]	-10.	-17.
444808	68.0669	149.4711	8.	201.	16.	3.62	-5.	-5.	-5.	49.	-20.	54.	[illegible]	-10.	-15.
444809	68.0608	149.4750	7.	273.	16.	3.19	-5.	-5.	-5.	44.	-20.	21.	[illegible]	-10.	-15.
444810	68.0156	149.3936	7.	169.	15.	3.42	-5.	7.	-5.	47.	-20.	45.	10.	-10.	-15.
444811	68.0564	149.3719	-999.	-999.	16.	3.57	-5.	-5.	-5.	44.	-20.	47.	14.	-10.	-15.
444812	68.0592	149.3811	8.	[illegible]	16.	3.38	-5.	8.	-5.	40.	-20.	41.	12.	-10.	21.
444813	68.0644	149.5894	8.	136.	8.	3.49	-5.	-5.	-5.	50.	-20.	34.	14.	-10.	-15.
444814	68.1028	149.5136	8.	238.	16.	3.21	-5.	5.	-5.	38.	-20.	37.	13.	-10.	-15.
444815	68.0878	149.5581	8.	207.	15.	3.94	-5.	-5.	-5.	54.	-20.	40.	16.	-10.	-15.
444816	68.0989	149.4556	7.	260.	6.	2.86	-5.	-5.	-5.	34.	-20.	22.	19.	-10.	-15.
444817	68.1147	149.5253	7.	430.	3.	3.30	-5.	5.	-5.	45.	-20.	31.	15.	-10.	-15.
444818	68.1197	149.5886	8.	232.	11.	3.22	-5.	-5.	-5.	34.	-20.	35.	18.	-10.	-15.
444819	68.0936	149.6775	8.	109.	13.	3.62	-5.	-5.	-5.	49.	-20.	50.	5.	-10.	-15.
444820	68.0975	149.6697	8.	201.	13.	3.20	-5.	-5.	-5.	39.	-20.	39.	15.	-10.	-15.
444821	68.0689	149.6583	7.	212.	20.	3.65	-5.	-5.	-5.	46.	-20.	35.	15.	-10.	-15.
444822	68.0764	149.8997	8.	126.	-999.	3.52	-5.	-5.	-5.	44.	-20.	42.	11.	-10.	-15.
444823	68.1036	149.8328	7.	163.	20.	3.44	-5.	-5.	-5.	32.	-20.	43.	14.	-10.	-15.
444824	69.0794	149.7667	7.	157.	35.	3.34	-5.	5.	-5.	50.	-20.	52.	16.	-10.	-15.
444825	68.0456	149.7397	7.	200.	8.	3.52	-5.	7.	-5.	49.	-20.	49.	5.	-10.	-15.
444826	68.0347	149.8214	8.	351.	2.	4.38	-5.	9.	-5.	70.	-20.	31.	11.	-10.	16.
444827	68.0483	149.8467	8.	192.	11.	3.94	-5.	-5.	-5.	62.	-20.	42.	6.	-10.	-15.
444828	68.0542	149.8429	8.	161.	10.	3.83	-5.	-5.	-5.	46.	-20.	55.	11.	-10.	-15.
444829	68.0986	149.8372	8.	228.	16.	3.69	-5.	8.	-5.	41.	-20.	49.	9.	-10.	-15.
444830	68.0658	149.9133	8.	120.	5.	4.01	-5.	7.	-5.	58.	-20.	39.	10.	-10.	-15.
444831	68.0261	149.9569	8.	252.	28.	3.94	-5.	8.	[illegible]	63.	-20.	48.	12.	-10.	-15.
444832	68.0297	149.9486	7.	196.	28.	3.46	-5.	-5.	[illegible]	49.	-20.	44.	8.	-10.	-15.
444833	68.0078	149.9111	8.	275.	6.	3.56	-5.	7.	[illegible]	51.	-20.	58.	8.	-10.	-15.
444834	68.0092	149.8897	8.	207.	6.	3.62	-5.	5.	-5.	57.	-20.	50.	8.	-10.	-15.
444835	68.2375	149.9864	8.	202.	5.	3.28	-5.	-5.	-5.	49.	-20.	59.	17.	-10.	-15.
444836	68.2478	149.9581	7.	127.	13.	3.45	-5.	-5.	-5.	40.	-20.	38.	6.	-10.	-15.
444837	68.2800	149.9247	8.	188.	13.	3.46	-5.	-5.	-5.	57.	-20.	43.	11.	-10.	-15.
444838	68.3025	149.8356	7.	169.	2.	3.53	-5.	6.	-5.	43.	-20.	36.	8.	-10.	-15.
444839	68.3081	149.8122	8.	49.	7.	3.12	-5.	-5.	-5.	47.	-20.	26.	-5.	-10.	-15.
444840	68.3128	149.8278	7.	63.	-999.	3.74	-5.	-5.	-5.	44.	-20.	36.	5.	-10.	15.
444841	68.3322	149.9144	9.	233.	8.	3.50	-5.	-5.	-5.	35.	-20.	38.	9.	-10.	-15.
444842	68.3594	149.9025	8.	121.	8.	2.33	-5.	-5.	-5.	19.	-20.	-15.	-5.	-10.	-15.
444843	68.3697	149.8778	8.	190.	6.	2.39	-5.	-5.	-5.	24.	-20.	22.	-5.	-10.	-15.
444844	68.3889	149.8836	8.	239.	8.	5.34	-5.	-5.	-5.	38.	-20.	26.	5.	-10.	-15.
444845	68.4058	149.8728	8.	248.	8.	3.07	-5.	-5.	-5.	30.	-20.	28.	11.	-10.	-15.
444846	68.4092	149.7939	8.	126.	6.	2.83	-5.	-5.	-5.	29.	-20.	27.	-5.	-10.	-15.
444847	68.3911	149.7836	8.	158.	6.	2.31	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
444848	68.3861	149.7975	8.	95.	8.	2.95	-5.	-5.	-5.	22.	-20.	19.	-5.	-10.	-15.
444849	68.3592	149.7928	9.	63.	8.	3.13	-5.	6.	-5.	29.	-20.	27.	8.	-10.	-15.
444850	68.3636	149.7781	8.	27.	8.	3.56	-5.	-5.	-5.	46.	-20.	32.	9.	-10.	-15.

PHILIP SMITH MTS STREAM SEDIMENTS

PG. TWO - SAMPLE SET 1

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
444801	-999.	-999.	67850.	-0.	417.	3304.	65.	-62.	18.8	102.	4.9	5.	1.3	45140.	6.1	19830.	37.
444802	-999.	-999.	79290.	-0.	673.	7381.	84.	-77.	21.9	114.	11.7	6.	1.5	49460.	5.9	20090.	42.
444803	-999.	-999.	92680.	-0.	527.	4638.	99.	-96.	21.9	105.	8.2	7.	1.6	53320.	6.7	22680.	45.
444804	-999.	-999.	86160.	-0.	523.	3523.	69.	-86.	20.6	91.	5.1	6.	1.3	49480.	6.3	21080.	45.
444805	-999.	-999.	71170.	-0.	585.	29480.	68.	-67.	15.7	84.	5.8	6.	1.4	42820.	5.7	15480.	38.
444806	-999.	-999.	67500.	-0.	459.	2735.	75.	-75.	19.9	101.	5.6	5.	1.3	50830.	[illegible]	13470.	38.
444807	-999.	-999.	61640.	-0.	422.	3887.	60.	-75.	14.3	98.	4.6	5.	1.2	42140.	[illegible]	18210.	37.
444808	-999.	-999.	84940.	-0.	387.	2602.	69.	-86.	23.0	106.	6.3	6.	1.4	50850.	[illegible]	16800.	41.
444809	-999.	-999.	51170.	-0.	365.	4561.	55.	-49.	16.5	78.	4.8	5.	1.2	43570.	7.1	12160.	35.
444810	-999.	-999.	76340.	-0.	441.	-841.	92.	-78.	22.8	116.	7.6	6.	1.5	52590.	7.2	22980.	39.
444811	-999.	-999.	80470.	-0.	485.	-853.	77.	-93.	21.2	105.	8.4	6.	1.6	53240.	7.2	18790.	37.
444812	-999.	-999.	72610.	-0.	466.	3714.	78.	-73.	20.4	89.	7.5	5.	1.2	42950.	[illegible]	17790.	34.
444813	-999.	-999.	53120.	-0.	388.	4260.	61.	-50.	14.9	90.	4.3	5.	1.3	39560.	[illegible]	14590.	33.
444814	-999.	-999.	51400.	-0.	475.	5201.	60.	-57.	17.8	98.	4.0	4.	1.2	40610.	7.1	16380.	32.
444815	-999.	-999.	64630.	-0.	481.	-764.	87.	-66.	16.6	112.	5.0	6.	1.5	45210.	11.2	18110.	41.
444816	-999.	-999.	41870.	-0.	224.	12490.	45.	-61.	17.6	76.	2.9	4.	.8	34210.	[illegible]	11280.	23.
444817	-999.	-999.	50030.	-0.	478.	2125.	56.	-50.	20.9	92.	2.8	5.	1.3	39180.	6.8	13830.	34.
444818	-999.	-999.	55650.	-0.	518.	2877.	69.	-63.	19.9	99.	5.8	5.	1.3	42270.	7.0	13080.	36.
444819	-999.	-999.	75440.	-0.	384.	-919.	62.	-86.	21.3	116.	6.5	6.	1.4	49870.	6.6	18700.	38.
444820	-999.	-999.	50110.	-0.	288.	1566.	51.	-55.	16.4	88.	3.9	4.	.9	33810.	6.0	12070.	28.
444821	-999.	-999.	61280.	-0.	450.	2149.	63.	-53.	18.8	106.	4.7	5.	1.4	40830.	[illegible]	12320.	33.
444822	-999.	-999.	68130.	-0.	568.	5475.	88.	-74.	20.4	112.	7.0	5.	1.5	45130.	[illegible]	14550.	42.
444823	-999.	-999.	62920.	-0.	461.	-805.	73.	-70.	16.4	104.	7.1	5.	1.0	41040.	[illegible]	12130.	40.
444824	-999.	-999.	67130.	-0.	384.	4843.	61.	-74.	17.4	108.	5.1	4.	1.2	40470.	[illegible]	20380.	34.
444825	-999.	-999.	72580.	-0.	492.	3836.	73.	-68.	18.9	102.	5.3	5.	1.6	45780.	6.3	17800.	36.
444826	-999.	-999.	87330.	-0.	615.	-994.	97.	-102.	22.1	99.	7.0	8.	1.8	48990.	7.4	25640.	51.
444827	-999.	-999.	88970.	-0.	508.	4409.	89.	-103.	20.5	130.	6.5	7.	1.6	46890.	6.9	18140.	50.
444828	-999.	-999.	73430.	-0.	390.	3270.	68.	-70.	19.4	123.	5.1	6.	1.4	41020.	[illegible]	20810.	37.
444829	-999.	-999.	70700.	-0.	558.	3536.	73.	-67.	20.5	127.	5.9	6.	1.5	42940.	[illegible]	16610.	41.
444830	-999.	-999.	77410.	-0.	611.	-914.	80.	-79.	19.9	119.	7.7	6.	1.6	46110.	8.5	23270.	51.
444831	-999.	-999.	90680.	-0.	415.	-1092.	89.	-99.	20.1	133.	6.3	7.	1.6	51680.	7.9	22260.	48.
444832	-999.	-999.	77300.	-0.	296.	2184.	67.	-83.	21.9	115.	6.6	5.	1.3	44540.	6.5	17960.	37.
444833	-999.	-999.	73820.	-0.	435.	4070.	73.	-67.	19.1	111.	4.8	6.	1.6	45860.	6.8	17330.	36.
444834	-999.	-999.	69200.	-0.	388.	-821.	76.	-75.	20.3	105.	5.3	6.	1.5	47120.	7.2	20030.	38.
444835	-999.	-999.	71260.	-0.	646.	23940.	52.	-65.	17.2	111.	5.0	5.	1.3	45070.	6.0	14660.	28.
444836	-999.	-999.	59350.	-0.	331.	2801.	54.	-60.	15.0	105.	4.6	5.	1.0	33700.	7.0	13670.	33.
444837	-999.	-999.	52710.	-0.	285.	-600.	60.	-51.	16.3	82.	4.1	4.	1.0	43260.	5.7	13730.	28.
444838	-999.	-999.	60100.	-0.	340.	-701.	67.	-62.	20.2	87.	4.6	5.	1.4	44590.	5.9	16430.	35.
444839	-999.	-999.	50380.	-0.	-112.	-610.	51.	-60.	16.8	87.	3.5	5.	1.0	44340.	6.4	11830.	30.
444840	-999.	-999.	58500.	-0.	312.	-680.	54.	-47.	14.1	83.	4.5	6.	1.1	35050.	5.4	20260.	30.
444841	-999.	-999.	58280.	-0.	326.	11190.	62.	-52.	14.5	80.	4.4	5.	1.2	35020.	6.4	14550.	35.
444842	-999.	-999.	9199.	-0.	-86.	212300.	14.	-52.	1.3	29.	-.9	2.	.3	8074.	-.6	2744.	13.
444843	-999.	-999.	32830.	-0.	-92.	146600.	24.	-67.	5.5	64.	3.4	3.	.5	21910.	2.6	9884.	20.
444844	-999.	-999.	52530.	-0.	791.	37330.	39.	-88.	12.2	67.	2.9	4.	1.1	29290.	4.5	16000.	27.
444845	-999.	-999.	43140.	-0.	883.	21670.	44.	-65.	9.6	88.	3.4	4.	.8	31710.	4.5	10500.	29.
444846	-999.	-999.	32640.	-0.	285.	109800.	39.	-49.	9.1	57.	3.0	3.	.4	24970.	3.1	7590.	22.
444847	-999.	-999.	10310.	-0.	-78.	240100.	9.	-63.	-999.0	34.	1.2	1.	.3	7356.	-.5	3780.	15.
444848	-999.	-999.	35430.	-0.	198.	117200.	34.	-48.	9.9	70.	3.1	3.	.7	23890.	3.5	9002.	26.
444849	-999.	-999.	43370.	-0.	317.	88110.	41.	-46.	11.2	71.	4.3	4.	.8	29590.	3.4	11520.	23.
444850	-999.	-999.	53650.	-0.	514.	3609.	57.	-36.	16.6	90.	5.5	5.	1.0	38240.	5.1	11560.	30.

PHILIP SMITH MTS STREAM SEDIMENTS

PG. THREE - SAMPLE SET 1

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
444801	.3	7964.	687.	4881.	96.	-2.	15.0	5.1	-177.	-1.	-1.	10.0	4945.	134.	3.1	123.	3.077
444802	.4	9066.	495.	6163.	101.	9.	18.4	7.9	-251.	-1.	-1.	11.8	4776.	181.	3.6	-55.	2.632
444803	.4	8730.	628.	7433.	143.	-3.	19.8	5.9	-243.	-1.	1.	13.9	5570.	162.	5.5	-51.	3.268
444804	.3	7347.	794.	6850.	92.	-3.	16.4	4.0	-269.	-1.	-1.	10.9	5494.	143.	2.7	131.	2.874
444805	.3	5811.	493.	6159.	93.	3.	14.8	5.9	-169.	-1.	-1.	10.7	4549.	156.	3.1	111.	2.681
444806	.4	8138.	675.	5261.	76.	-3.	15.8	6.6	-263.	-1.	-1.	12.4	5313.	127.	3.6	-98.	3.509
444807	.3	4563.	746.	3198.	58.	-2.	14.0	4.2	-231.	-1.	-1.	10.8	4991.	131.	3.9	-42.	3.401
444808	.4	8359.	758.	7064.	101.	-3.	17.3	5.5	-264.	-1.	-1.	11.3	5208.	155.	3.0	-24.	3.125
444809	.2	4783.	698.	2336.	50.	-2.	12.6	5.3	-168.	-1.	-1.	9.5	4520.	119.	4.3	104.	2.976
444810	.4	7898.	726.	6045.	150.	-3.	17.8	6.5	-269.	-1.	-1.	12.3	5528.	130.	4.9	-49.	3.597
444811	.4	8988.	864.	6368.	104.	-2.	17.8	5.9	-259.	-1.	2.	12.4	5862.	156.	4.0	-46.	3.472
444812	.4	6555.	788.	4685.	105.	-2.	14.1	5.1	-248.	-1.	-1.	10.8	4869.	143.	3.4	111.	3.195
444813	.3	3620.	653.	2831.	91.	-2.	12.4	5.4	-163.	-1.	-1.	9.4	4819.	120.	3.2	-95.	2.695
444814	.3	5625.	746.	2211.	118.	-2.	12.2	5.7	-250.	-1.	1.	9.5	4327.	110.	3.0	-42.	2.959
444815	.4	4380.	609.	3304.	85.	-2.	15.5	5.1	-200.	-1.	-1.	11.6	5442.	137.	4.3	-105.	2.941
444816	.2	3462.	939.	1516.	-36.	-2.	8.9	2.9	-254.	-1.	-1.	6.6	3438.	92.	2.1	113.	2.309
444817	.3	3814.	930.	1290.	56.	-2.	11.7	5.4	-196.	-1.	-1.	8.7	4646.	119.	3.4	153.	2.639
444818	.3	5129.	683.	3463.	81.	-2.	14.0	5.6	-237.	-1.	-1.	9.6	5106.	127.	3.9	-37.	2.985
444819	.4	8344.	870.	5256.	101.	-2.	17.7	5.7	-252.	-1.	2.	11.3	6068.	149.	3.6	-45.	3.125
444820	.3	2632.	788.	1529.	69.	-2.	10.5	3.8	-235.	-1.	-1.	7.6	3850.	112.	3.5	85.	2.375
444821	.4	6586.	694.	3263.	97.	-2.	13.7	6.1	-172.	-1.	-1.	9.3	4849.	128.	2.6	124.	2.551
444822	.4	5555.	802.	4476.	102.	-3.	15.6	5.7	-280.	-1.	-1.	10.3	5650.	127.	3.3	-88.	2.924
444823	.4	7091.	690.	3926.	82.	-2.	13.7	4.9	-223.	-1.	1.	11.6	5007.	131.	3.8	107.	3.367
444824	.3	6693.	728.	4489.	-44.	-3.	13.6	5.5	-254.	-1.	-1.	8.8	4894.	136.	3.3	145.	2.632
444825	.4	7336.	721.	5008.	118.	-2.	16.3	6.2	-201.	-1.	-1.	10.6	5702.	146.	3.6	164.	3.012
444826	.4	5351.	783.	6253.	-67.	-4.	19.1	7.1	-360.	-2.	-2.	15.2	6298.	150.	6.2	127.	3.472
444827	.4	6510.	797.	5761.	142.	-3.	18.9	5.5	-287.	-1.	-1.	13.2	5879.	186.	5.8	211.	3.356
444828	.4	5324.	652.	5036.	100.	-3.	15.2	5.2	-236.	-1.	-1.	11.4	4967.	143.	-2.3	-40.	2.976
444829	.3	6223.	779.	5423.	119.	-2.	16.3	6.7	-191.	1.	-1.	12.2	6413.	139.	4.1	127.	3.311
444830	.4	5013.	666.	5076.	106.	-3.	18.3	7.4	-276.	-1.	-1.	12.6	6048.	158.	16.3	-54.	3.145
444831	.4	8312.	805.	6673.	123.	-3.	19.6	6.6	-277.	-1.	2.	13.3	6316.	168.	6.9	-49.	3.378
444832	.4	10430.	797.	6188.	92.	-3.	16.2	5.1	-271.	-1.	-1.	10.1	5162.	148.	-2.1	-53.	2.915
444833	.4	7293.	725.	5560.	89.	-2.	16.3	7.1	-149.	-1.	-1.	11.6	6256.	135.	4.1	80.	3.257
444834	.4	7783.	677.	5001.	117.	-3.	16.4	6.8	-262.	-1.	-1.	11.3	5615.	139.	4.1	-14.	3.125
444835	.4	11830.	753.	2087.	98.	-2.	16.7	4.7	-226.	-1.	1.	10.1	4790.	140.	4.7	-40.	3.077
444836	.3	3939.	528.	2912.	81.	-2.	11.8	3.6	-214.	-1.	-1.	8.3	4765.	121.	2.9	-96.	2.404
444837	.3	3432.	818.	1694.	69.	-2.	12.7	4.8	-185.	-1.	-1.	9.2	4690.	98.	2.9	110.	2.660
444838	.3	4021.	731.	2294.	87.	-3.	14.6	5.6	-260.	-1.	-1.	10.1	4902.	117.	3.2	150.	2.857
444839	.3	2799.	813.	1494.	74.	-2.	12.4	4.3	-215.	-1.	1.	8.0	3735.	105.	2.9	-36.	2.564
444840	.3	3277.	437.	983.	94.	-3.	12.1	3.8	-205.	-1.	-1.	8.2	4724.	132.	2.9	132.	2.193
444841	.3	8099.	503.	2983.	101.	-2.	12.9	4.9	-157.	-1.	-1.	9.5	4677.	112.	3.5	98.	2.717
444842	.1	40080.	90.	303.	-22.	-1.	2.5	1.7	-131.	-1.	-999.	1.4	706.	30.	-1.0	56.	.601
444843	.2	43440.	259.	1143.	-28.	-2.	7.3	2.3	-162.	-1.	-1.	4.8	1962.	74.	1.7	108.	2.008
444844	.3	11650.	633.	6770.	-41.	-2.	10.0	3.1	-251.	-1.	-1.	5.7	3650.	119.	-1.5	-41.	1.067
444845	.2	8483.	632.	2862.	-35.	-2.	9.8	4.1	-201.	-1.	-1.	6.6	3779.	128.	2.6	93.	2.151
444846	.2	26320.	289.	590.	71.	-2.	8.0	2.4	-165.	-1.	-1.	4.6	2597.	87.	1.9	104.	1.626
444847	*****	61340.	83.	467.	-19.	-1.	2.6	1.2	203.	-1.	-999.	1.4	658.	32.	-.8	127.	.606
444848	.2	24030.	298.	574.	-31.	-2.	7.6	2.2	-161.	-1.	-1.	5.0	2201.	94.	2.2	85.	1.695
444849	.2	21400.	379.	770.	60.	-2.	10.1	3.8	-129.	-1.	-1.	6.3	3467.	104.	2.3	59.	2.012
444850	.3	4543.	373.	710.	83.	-2.	13.4	5.0	-176.	-1.	-1.	7.6	4677.	139.	2.9	-104.	2.137

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NICKEL PPM	COBALT PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
444851	68.4103	149.6939	8.	145.	6.	2.05	-5.	-5.	-5.	17.	-20.	-15.	-5.	-10.	-15.
444852	68.4389	149.5139	8.	171.	3.	2.18	-5.	-5.	-5.	17.	-20.	28.	-5.	-10.	-15.
444853	68.5031	148.8869	8.	185.	6.	3.20	-5.	-5.	-5.	27.	-20.	28.	9.	-10.	-15.
444854	68.5064	148.8442	8.	183.	6.	2.92	-5.	6.	-5.	11.	-20.	31.	-5.	-10.	-15.
444855	68.5519	148.8042	-999.	-999.	8.	2.96	-5.	-5.	-5.	11.	-20.	18.	-5.	-10.	-15.
444856	68.5556	148.7606	8.	152.	6.	3.29	-5.	-5.	-5.	36.	-20.	35.	8.	-10.	-15.
444857	68.6350	148.3761	8.	229.	8.	2.91	-5.	-5.	-5.	25.	-20.	37.	-5.	-10.	-15.
444858	68.6419	148.4392	8.	116.	11.	3.05	-5.	5.	-5.	46.	-20.	47.	8.	-10.	-15.
444859	68.6875	148.4133	8.	238.	5.	2.15	-5.	-5.	-5.	13.	-20.	19.	-5.	-10.	-15.
444860	68.7017	148.4494	8.	201.	6.	2.74	-5.	-5.	-5.	22.	-20.	-15.	-5.	-10.	-15.
444861	68.6075	148.3839	8.	231.	3.	2.95	-5.	-5.	-5.	26.	-20.	48.	7.	-10.	-15.
444862	68.6075	148.3978	8.	202.	3.	3.18	-5.	-5.	-5.	30.	-20.	50.	8.	-10.	-15.
444863	68.5822	148.4697	8.	120.	1.	3.89	-5.	-5.	-5.	43.	-20.	41.	12.	-10.	-15.
444864	68.5819	148.5367	8.	200.	7.	4.57	-5.	-5.	-5.	39.	-20.	55.	-5.	-10.	-15.
444865	68.5569	148.5153	8.	182.	8.	4.30	-5.	-5.	-5.	38.	-20.	43.	3.	-10.	-15.
444866	68.5622	148.5650	8.	206.	4.	3.62	-5.	5.	-5.	24.	-20.	35.	-5.	-10.	-15.
444867	68.5464	148.6103	8.	190.	3.	4.58	-5.	-5.	-5.	42.	-20.	46.	5.	-10.	-15.
444868	68.5583	148.7017	8.	248.	2.	3.61	-5.	-5.	-5.	32.	-20.	42.	-5.	-10.	-15.
444869	68.5642	148.6867	-999.	-999.	2.	3.00	-5.	-5.	-5.	15.	-20.	25.	-5.	-10.	-15.
444870	68.4967	148.6483	8.	189.	7.	3.16	-5.	-5.	-5.	22.	-20.	33.	-5.	-10.	-15.
444871	68.5053	148.6892	8.	90.	1.	4.35	-5.	-5.	-5.	13.	-20.	-15.	-5.	-10.	-15.
444872	68.5036	148.6767	8.	124.	1.	4.57	-5.	-5.	-5.	12.	-20.	20.	-5.	-10.	-15.
444873	68.5003	148.7283	8.	197.	1.	3.45	-5.	-5.	-5.	22.	-20.	47.	-5.	-10.	-15.
444874	68.4953	148.7167	8.	201.	1.	3.56	-5.	-5.	-5.	20.	-20.	38.	-5.	-10.	-15.
444875	68.4756	148.9142	8.	172.	7.	3.69	-5.	-5.	-5.	32.	-20.	44.	7.	-10.	-15.
444876	68.4722	148.8881	9.	136.	7.	3.83	-5.	-5.	-5.	35.	-20.	54.	6.	-10.	19.
444877	68.3647	149.2317	8.	105.	5.	3.73	-5.	-5.	-5.	44.	-20.	49.	13.	-10.	-15.
444878	68.3619	149.2497	8.	99.	5.	3.55	-5.	5.	-5.	49.	-20.	53.	-5.	-10.	-15.
444879	68.3281	149.2656	8.	38.	7.	4.09	-5.	-5.	-5.	43.	-20.	62.	-5.	-10.	18.
444880	68.3264	149.2517	8.	41.	7.	4.11	-5.	-5.	-5.	50.	-20.	47.	7.	-10.	-15.
444881	68.2983	149.2636	8.	144.	10.	3.44	-5.	-5.	-5.	58.	-20.	34.	16.	-10.	-15.
444882	68.2931	149.2669	-999.	-999.	10.	3.63	-5.	5.	-5.	52.	-20.	37.	17.	-10.	-15.
444883	68.2914	149.3072	8.	314.	7.	3.18	-5.	9.	-5.	32.	-20.	35.	11.	-10.	-15.
444884	68.2961	149.3078	8.	155.	7.	3.21	-5.	5.	-5.	43.	-20.	43.	15.	-10.	-15.
444885	68.2631	149.2942	8.	224.	10.	4.13	-5.	-5.	-5.	70.	-20.	60.	14.	-10.	25.
444886	68.2608	149.2875	8.	327.	10.	3.18	-5.	-5.	-5.	41.	-20.	47.	15.	-10.	-15.
444887	68.2192	149.3864	8.	258.	10.	3.48	-5.	-5.	-5.	34.	-20.	53.	8.	-10.	26.
444888	68.2514	149.3992	8.	253.	10.	3.42	-5.	5.	-5.	44.	-20.	39.	12.	-10.	-15.
444889	68.2106	149.4203	8.	147.	12.	3.28	-5.	5.	-5.	40.	-20.	39.	15.	-10.	-15.
444890	68.1797	149.3958	8.	193.	10.	3.45	-5.	-5.	-5.	43.	-20.	47.	12.	-10.	-15.
444891	68.1739	149.4789	8.	117.	10.	3.46	-5.	9.	-5.	40.	-20.	29.	9.	-10.	-15.
444892	68.1703	149.4842	8.	115.	10.	3.55	-5.	6.	-5.	45.	-20.	39.	5.	-10.	-15.
444893	68.1875	149.5303	9.	105.	15.	3.30	-5.	-5.	-5.	53.	-20.	37.	9.	-10.	-15.
444894	68.1467	149.4400	8.	166.	9.	3.11	-5.	-5.	-5.	40.	-20.	46.	17.	-10.	-15.
444895	68.1361	149.4325	8.	333.	9.	3.28	-5.	-5.	-5.	49.	-20.	59.	15.	-10.	-15.
444896	68.0014	149.2528	8.	164.	6.	3.81	-5.	-5.	-5.	83.	-20.	62.	17.	-10.	-15.
444897	68.0056	149.2917	8.	210.	6.	3.80	-5.	-5.	-5.	64.	-20.	51.	14.	-10.	-15.
444898	68.0183	149.2983	8.	275.	3.	3.61	-5.	-5.	-5.	32.	-20.	61.	8.	-10.	-15.
444899	68.0483	149.2575	8.	100.	14.	3.21	-5.	-5.	-5.	63.	-20.	53.	15.	-10.	-15.
444900	68.0594	149.2589	8.	135.	10.	3.28	-5.	-5.	-5.	30.	-20.	45.	6.	-10.	15.

SAMPLE I.D.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
444851	-999.	-999.	10690.	-0.	-73.	240500.	12.	-61.	-999.0	37.	1.6	2.	.2	7327.	-.5	3591.	13.
[illegible]	-999.	-999.	25670.	-0.	344.	204900.	18.	-61.	5.5	46.	2.6	2.	.4	15800.	1.1	9285.	16.
[illegible]	-999.	-999.	35780.	-0.	525.	96270.	37.	-50.	8.0	71.	3.4	3.	.8	25430.	3.9	10240.	21.
44[illegible]854	-999.	-999.	23910.	-0.	179.	179300.	28.	-59.	4.8	55.	2.9	3.	.6	17270.	2.3	8467.	23.
44[illegible]855	-999.	-999.	17280.	-0.	685.	237300.	21.	-69.	1.7	48.	1.8	2.	.4	13020.	1.3	5994.	1[illegible].
444856	-999.	-999.	45780.	-0.	628.	93080.	32.	-97.	12.5	78.	3.6	4.	.9	27500.	3.1	14200.	2[illegible].
444857	-999.	-999.	41480.	-0.	978.	92870.	43.	-55.	6.6	67.	3.8	3.	1.0	25060.	3.2	13680.	27.
444858	-999.	-999.	49320.	-0.	722.	63580.	49.	-101.	12.7	95.	4.8	4.	1.2	37570.	3.9	15620.	26.
444859	-999.	-999.	7973.	-0.	-102.	287900.	8.	-86.	-999.0	23.	-.9	1.	-.2	5582.	-.2	-2234.	-5.
444860	-999.	-999.	25790.	-0.	213.	217200.	21.	-65.	5.8	44.	2.5	2.	.5	14740.	1.4	7533.	16.
444861	-999.	-999.	48770.	-0.	1216.	43970.	45.	-55.	8.3	85.	4.8	4.	.7	29050.	4.3	19680.	33.
444862	-999.	-999.	51050.	-0.	591.	38270.	59.	-69.	9.5	84.	5.1	4.	1.1	30840.	4.6	18430.	33.
444863	-999.	-999.	72980.	-0.	469.	35250.	79.	-79.	16.6	99.	7.0	6.	1.1	42320.	6.1	18150.	40.
444864	-999.	-999.	60870.	-0.	1335.	20660.	54.	-98.	13.3	97.	4.8	4.	1.4	32590.	4.6	19320.	35.
444865	-999.	-999.	46680.	-0.	628.	80970.	44.	-76.	6.3	107.	5.6	4.	1.0	29640.	2.9	12400.	29.
444866	-999.	-999.	40710.	-0.	622.	70850.	35.	-87.	6.5	94.	5.1	4.	1.1	27230.	2.9	10680.	23.
444867	-999.	-999.	68430.	-0.	930.	9857.	60.	-93.	7.2	126.	7.5	6.	1.2	33300.	4.9	21430.	34.
444868	-999.	-999.	43940.	-0.	772.	49610.	40.	-72.	6.1	81.	5.3	4.	1.0	22570.	3.9	12480.	26.
444869	-999.	-999.	13860.	-0.	-104.	197100.	10.	-62.	-1.4	34.	1.9	2.	.5	7680.	-.8	3942.	24.
444870	-999.	-999.	41220.	-0.	472.	149000.	29.	-62.	6.9	74.	4.0	3.	.7	23910.	3.1	13110.	23.
444871	-999.	-999.	6690.	-0.	-69.	311600.	6.	-58.	1.4	26.	-.7	1.	.2	3582.	.7	-1475.	12.
444872	-999.	-999.	11340.	-0.	75.	278700.	11.	-53.	-999.0	30.	1.1	2.	.4	5814.	.8	3045.	15.
444873	-999.	-999.	27130.	-0.	236.	153000.	33.	-57.	5.5	73.	3.5	3.	.6	18360.	2.4	9520.	27.
444874	-999.	-999.	28760.	-0.	-80.	171300.	30.	-67.	3.0	64.	3.7	3.	.6	16640.	2.4	10670.	25.
444875	-999.	-999.	42060.	-0.	414.	92180.	39.	-62.	10.5	77.	4.1	4.	.9	24360.	3.2	12180.	22.
444876	-999.	-999.	51050.	-0.	442.	37160.	49.	-50.	8.9	88.	5.5	5.	.9	30160.	4.5	11690.	28.
444877	-999.	-999.	52290.	-0.	539.	43950.	62.	-48.	17.2	101.	5.7	5.	1.3	39910.	9.8	12830.	33.
444878	-999.	-999.	70020.	-0.	329.	2875.	66.	-62.	15.7	109.	7.7	5.	1.1	42510.	5.6	20380.	34.
444879	-999.	-999.	79460.	-0.	453.	2082.	70.	-56.	18.6	102.	8.4	7.	1.3	41990.	5.6	21690.	32.
444880	-999.	-999.	74730.	-0.	641.	1994.	71.	-47.	16.0	109.	8.7	6.	1.7	43460.	6.5	18370.	36.
444881	-999.	-999.	52770.	-0.	732.	11860.	57.	-57.	16.0	88.	5.2	4.	1.3	34850.	6.4	12030.	29.
444882	-999.	-999.	68910.	-0.	721.	4667.	67.	-65.	13.3	92.	7.7	6.	1.1	33440.	4.7	16440.	26.
444883	-999.	-999.	57460.	-0.	422.	4376.	52.	-55.	16.4	99.	3.6	4.	1.1	32520.	6.8	14520.	31.
444884	-999.	-999.	53670.	-0.	765.	34750.	49.	-50.	13.6	90.	4.5	5.	1.2	33640.	5.8	11900.	28.
444885	-999.	-999.	95670.	-0.	836.	-831.	88.	-66.	27.0	131.	9.2	6.	1.5	53870.	9.8	24140.	44.
444886	-999.	-999.	55900.	-0.	428.	3248.	68.	-53.	15.8	116.	4.6	5.	1.2	35870.	6.6	17070.	25.
444887	-999.	-999.	64650.	-0.	416.	2949.	72.	-71.	17.4	112.	4.2	4.	1.2	34310.	6.6	16410.	34.
444888	-999.	-999.	66340.	-0.	513.	-629.	69.	-57.	17.7	105.	5.0	4.	1.1	36860.	6.1	17580.	28.
444889	-999.	-999.	66990.	-0.	419.	-961.	62.	-70.	16.8	118.	5.2	5.	1.2	35980.	6.6	14680.	34.
444890	-999.	-999.	64680.	-0.	345.	2649.	73.	-67.	18.7	121.	5.3	4.	1.3	43150.	7.5	14220.	36.
444891	-999.	-999.	56180.	-0.	392.	2115.	66.	-47.	18.6	138.	4.1	5.	1.3	41240.	9.2	14120.	32.
444892	-999.	-999.	59160.	-0.	480.	-628.	56.	-53.	17.8	111.	4.0	5.	1.2	36990.	7.0	16560.	28.
444893	-999.	-999.	59220.	-0.	363.	-693.	57.	-56.	17.9	109.	4.6	5.	1.2	38680.	8.2	14930.	29.
444894	-999.	-999.	54380.	-0.	318.	2687.	60.	-50.	16.9	81.	4.6	4.	1.1	37510.	5.2	14150.	31.
444895	-999.	-999.	53760.	-0.	353.	3177.	71.	-54.	15.9	110.	4.4	4.	1.2	41140.	7.1	14980.	32.
444896	-999.	-999.	81990.	-0.	566.	3380.	72.	-78.	20.1	114.	9.5	6.	1.5	48500.	5.6	22270.	37.
444897	-999.	-999.	83880.	-0.	504.	2806.	76.	-94.	21.2	110.	6.9	7.	1.5	49320.	7.2	18510.	34.
444898	-999.	-999.	89340.	-0.	473.	4276.	92.	-114.	22.4	101.	9.0	6.	1.5	52913.	6.5	19670.	40.
444899	-999.	-999.	69910.	-0.	492.	2351.	69.	-77.	13.3	102.	7.4	5.	1.3	41880.	6.7	15590.	34.
444900	-999.	-999.	64180.	-0.	494.	-737.	60.	-62.	14.4	86.	4.4	6.	1.2	35540.	7.6	15310.	35.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NI PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
444851	<.999	65000.	[illegible]	96.	[illegible]	[illegible]	2.6	[illegible]	[illegible]	-999.	[illegible]	[illegible]	[illegible]	[illegible]	-.9	94.	.722
444852	.2	31660.	[illegible]	469.	24.	-2.	5.1	1.5	[illegible]	-1.	1.	[illegible]	[illegible]	9.	[illegible]	97.	[illegible]
444853	.2	6818.	542.	1726.	64.	-2.	8.4	3.1	[illegible]	-1.	-1.	5.4	[illegible]	88.	2.6	101.	1.845
444854	.2	14400.	169.	828.	-29.	-2.	5.7	3.5	409.	-1.	-1.	4.0	1518.	59.	1.9	94.	1.370
444855	.1	26560.	138.	1032.	-21.	-1.	4.3	1.5	375.	-1.	-999.	2.6	1299.	60.	-1.0	98.	.879
444856	.3	16870.	633.	6368.	-45.	-3.	11.2	2.8	-276.	-1.	-1.	4.8	2645.	131.	3.5	-65.	1.460
444857	.3	8773.	314.	2858.	73.	-2.	9.0	3.9	-133.	-1.	-1.	5.5	2786.	100.	2.0	115.	1.890
444858	-.1	11920.	577.	6134.	-54.	-3.	13.9	4.5	-311.	-1.	-1.	7.1	3475.	144.	-2.4	-117.	2.326
444859	.1	8583.	137.	456.	-24.	-1.	1.7	1.0	729.	-1.	-999.	1.1	-389.	27.	-1.1	88.	.512
444860	.1	8111.	254.	1001.	-27.	-2.	5.0	1.7	368.	-1.	-1.	3.2	1425.	61.	-1.2	111.	1.168
444861	.2	9159.	357.	3234.	105.	-2.	10.7	4.6	-152.	-1.	-1.	6.4	3198.	122.	3.7	107.	2.169
444862	.3	8611.	322.	3589.	106.	-3.	12.1	4.4	-228.	-1.	-1.	6.9	3653.	116.	4.7	-50.	2.169
444863	.4	7584.	756.	2463.	109.	-3.	16.4	5.0	-253.	-1.	-1.	12.4	5068.	135.	3.3	-56.	3.185
444864	.3	8732.	1068.	5354.	129.	-3.	11.8	3.3	-348.	-2.	-1.	7.7	3310.	201.	-2.3	191.	1.684
444865	.2	14040.	449.	3932.	89.	-2.	10.5	4.2	-199.	-1.	-1.	6.2	2508.	159.	2.8	188.	1.441
444866	.3	14620.	509.	3663.	-45.	-3.	9.3	3.8	-282.	-1.	-1.	5.5	2741.	133.	-2.1	-102.	1.520
444867	.4	5638.	328.	5116.	88.	-3.	14.3	4.0	-235.	-1.	-1.	9.2	4069.	209.	-2.2	132.	2.008
444868	.2	9489.	595.	2936.	101.	-2.	10.1	3.5	-225.	-1.	-1.	5.6	2935.	125.	2.5	129.	1.550
444869	.1	21060.	120.	656.	-27.	-2.	3.5	1.4	409.	-1.	-1.	1.4	1033.	42.	1.9	175.	.467
444870	.2	33460.	202.	1726.	45.	-2.	8.8	2.8	-137.	-1.	-1.	5.3	2153.	103.	2.9	125.	1.678
444871	.1	12510.	76.	417.	-19.	-1.	1.5	.8	249.	-1.	-999.	.8	505.	24.	-.8	84.	.184
444872	.1	8879.	107.	479.	-18.	-1.	2.8	1.5	305.	-1.	-999.	1.7	891.	37.	1.0	117.	.372
444873	.2	18810.	156.	1047.	-30.	-2.	6.5	3.0	354.	-1.	-1.	4.4	1732.	79.	2.4	177.	1.276
444874	.1	27110.	162.	1128.	33.	-2.	6.4	1.9	397.	-1.	1.	3.7	1934.	73.	1.6	112.	1.040
444875	.2	6696.	320.	2301.	80.	-2.	8.8	2.8	-180.	-1.	-1.	5.8	2406.	102.	-1.5	191.	1.572
444876	.3	6081.	390.	2299.	80.	-2.	11.5	4.2	-148.	-1.	-1.	7.7	4028.	116.	2.0	226.	2.012
444877	.3	6642.	513.	1278.	73.	-2.	14.1	4.1	-194.	-1.	-1.	8.4	4280.	119.	3.7	-36.	2.252
444878	.4	6433.	408.	2473.	96.	-3.	15.7	4.5	-190.	-1.	1.	11.2	5207.	141.	3.6	145.	3.155
444879	.4	6468.	362.	1688.	111.	-3.	16.0	4.5	-223.	-1.	-2.	10.5	5791.	157.	4.5	217.	2.564
444880	.3	4896.	422.	1440.	125.	-3.	17.1	6.3	-173.	-1.	-1.	10.8	5796.	158.	4.3	105.	2.625
444881	.3	4100.	845.	1357.	89.	-2.	13.4	5.1	-256.	-1.	-1.	8.1	4239.	124.	2.6	109.	2.353
444882	.3	4131.	638.	1642.	78.	-3.	15.2	5.3	-226.	-1.	-1.	9.5	4793.	151.	3.2	183.	2.618
444883	.3	4401.	591.	2450.	-37.	-2.	11.6	3.9	-207.	-1.	-1.	8.3	4874.	110.	2.8	138.	2.611
444884	.3	5435.	750.	1369.	96.	-2.	12.7	4.6	-175.	-1.	-1.	8.0	4683.	122.	3.0	-81.	2.494
444885	.5	6332.	993.	2500.	129.	-3.	23.1	6.6	-303.	-1.	-1.	13.2	5559.	181.	4.7	-81.	3.195
444886	.3	4377.	562.	2215.	87.	-2.	13.0	4.5	-174.	-1.	-1.	9.1	4589.	110.	3.7	-38.	2.865
444887	.3	7856.	541.	6352.	84.	-2.	13.2	3.9	-206.	-1.	-1.	10.3	5025.	127.	3.5	-40.	2.959
444888	.2	4809.	621.	2828.	70.	-2.	13.2	4.2	-239.	-1.	-1.	9.6	5576.	131.	3.5	-18.	2.809
444889	.3	4481.	822.	3204.	90.	-1.	13.3	5.4	-223.	-1.	-1.	9.8	5208.	131.	3.0	115.	2.985
444890	.3	5931.	609.	5101.	74.	-2.	14.4	5.9	-208.	-1.	-1.	9.9	4626.	125.	3.5	92.	2.874
444891	.3	3675.	728.	1889.	74.	-2.	14.3	5.2	-137.	-1.	1.	11.1	5274.	116.	3.2	-36.	3.205
444892	.3	4130.	678.	2622.	88.	-2.	12.8	4.1	-229.	-1.	-1.	8.2	5350.	121.	3.7	-42.	2.309
444893	.3	3464.	749.	1690.	73.	-1.	12.9	5.1	-203.	-1.	-1.	9.1	5324.	123.	3.2	102.	2.755
444894	.3	3950.	604.	2144.	73.	-2.	12.7	4.9	-203.	-1.	-1.	7.5	4344.	120.	2.9	166.	2.410
444895	.3	4964.	723.	2889.	70.	-2.	13.2	4.8	-144.	-1.	-1.	10.1	4843.	119.	3.2	121.	3.077
444896	.4	6577.	608.	5760.	94.	-2.	17.2	5.3	-265.	-1.	-1.	11.5	5640.	169.	3.1	165.	3.021
444897	.3	8940.	759.	6183.	129.	-2.	17.2	6.6	-252.	-1.	-1.	11.5	5642.	163.	3.7	106.	3.030
444898	.4	8878.	1057.	7092.	147.	-3.	19.4	6.1	-383.	-2.	-1.	13.4	6051.	161.	5.3	132.	3.717
444899	.3	6941.	627.	5196.	-42.	-2.	15.4	4.2	-255.	-1.	-1.	10.9	5737.	135.	3.6	-54.	3.401
444900	.3	5833.	351.	4249.	102.	-2.	12.1	4.3	-203.	-1.	-1.	9.4	5100.	124.	2.6	117.	2.865

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
444901	68.[illegible]242	149.9561	7.	229.	7.	3.74	-5.	6.	-5.	31.	-20.	47.	18.	-10.	-15.
444902	68.1286	149.9447	8.	101.	7.	3.72	-5.	-5.	-5.	33.	-20.	41.	12.	-10.	-15.
444903	68.1344	149.9447	8.	222.	7.	3.38	-5.	-5.	-5.	23.	-20.	18.	9.	-10.	-15.
444904	68.1158	149.9156	8.	211.	7.	3.95	-5.	-5.	-5.	41.	-20.	30.	23.	-10.	-15.
444905	68.1108	149.9161	8.	173.	7.	3.93	-5.	-5.	-5.	32.	-20.	31.	17.	-10.	-15.
444906	68.1406	149.9006	8.	72.	9.	3.97	-5.	-5.	-5.	33.	-20.	29.	23.	-10.	-15.
444907	68.1425	149.8814	8.	274.	15.	3.86	-5.	6.	-5.	38.	-20.	31.	25.	-10.	-15.
444908	68.1914	149.8075	8.	135.	15.	3.66	-5.	-5.	-5.	46.	-20.	31.	13.	-10.	-15.
444909	68.1986	149.7928	8.	130.	15.	3.50	-5.	6.	-5.	48.	-20.	26.	11.	-10.	-15.
444910	68.1833	149.9033	8.	461.	6.	2.96	-5.	-5.	-5.	36.	-20.	40.	12.	-10.	-15.
444911	68.1833	149.9333	8.	225.	15.	3.86	-5.	-5.	-5.	67.	-20.	50.	18.	-10.	-15.
444912	68.1858	149.9286	8.	192.	-999.	3.89	-5.	-5.	-5.	45.	-20.	60.	17.	-10.	-15.
444913	68.1756	149.9661	8.	216.	-999.	3.65	-5.	-5.	-5.	25.	-20.	45.	19.	-10.	-15.
444914	68.2117	149.7931	8.	980.	3.	3.38	-5.	-5.	-5.	40.	-20.	60.	14.	-10.	-15.
444915	68.2267	149.7892	8.	226.	9.	2.96	-5.	-5.	-5.	34.	-20.	56.	11.	-10.	-15.
444916	68.2267	149.7569	8.	162.	9.	3.53	-5.	-5.	-5.	40.	-20.	53.	17.	-10.	-15.
444917	68.2836	149.6711	8.	180.	5.	3.60	-5.	-5.	-5.	37.	-20.	45.	12.	-10.	-15.
444918	68.2839	149.6842	8.	260.	5.	3.70	-5.	-5.	-5.	39.	-20.	35.	12.	-10.	-15.
444919	68.3442	149.7044	8.	181.	6.	2.40	-5.	-5.	-5.	21.	-20.	37.	11.	-10.	-15.
444920	68.3303	149.6650	8.	133.	7.	3.65	-5.	-5.	-5.	45.	-20.	37.	10.	-10.	-15.
444921	68.3244	149.6797	8.	165.	11.	3.26	-5.	-5.	-5.	38.	-20.	46.	14.	-10.	-15.
444922	68.3464	149.7747	8.	194.	3.	2.85	-5.	-5.	-5.	16.	-20.	35.	-5.	-10.	-15.
444923	68.3569	149.6667	8.	163.	3.	3.22	-5.	-5.	-5.	44.	-20.	49.	5.	-10.	-15.
444924	68.3847	149.6697	8.	225.	2.	2.09	-5.	-5.	-5.	-10.	-20.	-15.	5.	-10.	-15.
444925	68.3722	149.6256	8.	263.	3.	2.36	-5.	-5.	-5.	-10.	-20.	42.	-5.	-10.	-15.
444926	68.3756	149.6225	8.	207.	3.	2.12	-5.	-5.	-5.	18.	-20.	34.	13.	-10.	-15.
444927	68.3975	149.5931	8.	142.	2.	2.48	-5.	-5.	-5.	24.	-20.	22.	-5.	-10.	-15.
444928	68.4056	149.5969	8.	176.	-999.	3.66	-5.	-5.	-5.	14.	-20.	53.	11.	-10.	-15.
444929	68.4014	149.5250	8.	149.	3.	3.35	-5.	7.	-5.	44.	-20.	49.	-5.	-10.	-15.
444930	68.4083	149.5147	8.	195.	3.	3.43	-5.	-5.	-5.	35.	-20.	41.	6.	-10.	-15.
444931	68.4547	149.4772	8.	156.	2.	3.17	-5.	-5.	-5.	37.	-20.	31.	10.	-10.	21.
444932	68.4722	149.5333	8.	200.	3.	2.51	-5.	-5.	-5.	13.	-20.	22.	-5.	-10.	-15.
444933	68.4528	149.3942	9.	135.	15.	3.51	-5.	-5.	-5.	25.	-20.	34.	7.	-10.	-15.
444934	68.4669	149.3142	9.	-999.	7.	2.79	-5.	-5.	-5.	27.	-20.	28.	9.	-10.	-15.
444935	68.4542	149.2761	9.	-999.	2.	3.69	-5.	-5.	-5.	12.	-20.	32.	-5.	-10.	-15.
444936	68.4589	149.2597	8.	-999.	6.	2.42	-5.	-5.	-5.	13.	-20.	54.	11.	-10.	-15.
444937	68.4181	149.2806	8.	-999.	7.	2.67	-5.	-5.	-5.	22.	-20.	38.	17.	-10.	-15.
444938	68.4097	149.2714	9.	-999.	7.	3.12	-5.	-5.	-5.	25.	-20.	30.	11.	-10.	-15.
444939	68.4306	149.1586	9.	-999.	5.	2.34	-5.	-5.	-5.	23.	-20.	25.	6.	-10.	-15.
444940	68.4333	149.1669	-999.	-999.	5.	3.44	-5.	-5.	-5.	50.	-20.	62.	15.	-10.	-15.
444941	68.4767	149.1419	9.	-999.	5.	2.52	-5.	-5.	-5.	25.	-20.	30.	9.	-10.	-15.
444942	68.4808	149.1294	9.	-999.	6.	3.13	-5.	6.	5.	17.	-20.	24.	-5.	-10.	-15.
444943	68.5008	149.1447	10.	-999.	3.	3.10	-5.	-5.	-5.	49.	-20.	59.	11.	-10.	-15.
444944	68.5075	149.1547	10.	-999.	3.	3.22	-5.	-5.	-5.	34.	-20.	49.	-5.	-10.	-15.
444945	68.5161	149.0836	9.	-999.	3.	2.38	-5.	-5.	-5.	32.	-20.	46.	5.	-10.	-15.
444946	68.5164	149.0486	10.	-999.	10.	2.63	-5.	-5.	-5.	42.	-20.	59.	5.	-10.	-15.
444947	68.5444	149.0611	10.	-999.	11.	2.18	-5.	-5.	6.	36.	-20.	47.	-5.	-10.	18.
444948	68.5561	148.9828	10.	-999.	1.	2.59	-5.	-5.	-5.	35.	-20.	47.	-5.	-10.	-15.
444949	68.5394	148.9264	9.	-999.	11.	2.83	-5.	-5.	-5.	20.	-20.	15.	9.	-10.	17.
444950	68.5322	148.9103	10.	-999.	11.	3.19	-5.	-5.	-5.	25.	-20.	48.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
444901	-999.	-999.	67620.	-0.	562.	4033.	65.	-64.	17.4	110.	5.3	6.	1.4	39660.	9.2	17940.	36.
444902	-999.	-999.	68390.	-0.	316.	2760.	72.	-58.	19.9	117.	5.8	5.	1.1	41840.	7.8	19700.	33.
444903	-999.	-999.	62560.	-0.	608.	4203.	79.	-62.	15.3	122.	5.9	5.	1.4	41340.	7.2	16790.	34.
444904	-999.	-999.	67540.	-0.	499.	-862.	78.	-70.	21.4	99.	8.6	5.	1.2	40170.	7.9	20460.	38.
444905	-999.	-999.	76720	-0.	584.	4881.	77.	-86.	20.2	109.	7.7	6.	1.4	43560.	6.9	20890.	40.
444906	-999.	-999.	67390	-0.	324.	-607.	77.	-57.	20.5	101.	6.3	5.	1.2	37470.	7.7	18670.	39.
444907	-999.	-999.	65780.	-0.	406.	2535.	80.	-45.	20.4	114.	6.1	5.	1.3	37270.	7.9	18710.	36.
444908	-999.	-999.	53950.	-0.	378.	2039.	52.	-46.	18.6	90.	5.7	4.	1.0	38610.	6.9	15630.	32.
444909	-999.	-999.	55210.	-0.	431.	2593.	53.	-56.	17.1	81.	5.4	5.	1.1	35790.	6.2	11840.	28.
444910	-999.	-999.	77080.	-0.	702.	65090.	70.	-64.	21.1	97.	6.5	5.	1.2	43920.	3.8	20550.	34.
444911	-999.	-999.	96800.	-0.	735.	1757.	90.	-73.	26.3	141.	9.3	6.	1.4	60760.	6.2	20180.	45.
444912	-999.	-999.	79930.	-0.	678.	3623.	58.	-69.	23.1	114.	6.5	6.	1.3	47270.	6.0	21890.	31.
444913	-999.	-999.	70240.	-0.	970.	-884.	61.	-71.	19.0	98.	6.8	5.	1.3	42460.	6.2	16680.	34.
444914	-999.	-999.	91820.	-0.	621.	35960.	75.	-71.	23.2	108.	7.8	5.	1.3	49340.	4.2	20670.	38.
444915	-999.	-999.	61690.	-0.	503.	39160.	63.	-51.	17.9	96.	6.0	5.	1.2	42220.	3.8	15860.	29.
444916	-999.	-999.	71320.	-0.	678.	31140.	53.	-73.	16.1	103.	8.7	5.	1.2	37430.	3.9	16760.	30.
444917	-999.	-999.	64670.	-0.	438.	2048.	66.	-60.	19.3	92.	4.8	5.	1.3	42290.	6.5	16980.	31.
444918	-999.	-999.	66770.	-0.	318.	3708.	63.	-66.	18.3	88.	5.0	5.	1.1	36480.	5.7	16210.	34.
444919	-999.	-999.	61740.	-0.	419.	104400.	45.	-71.	11.6	83.	5.0	5.	1.0	31050.	3.0	12870.	30.
444920	-999.	-999.	62700.	-0.	436.	24310.	68.	-58.	21.7	108.	5.4	5.	1.4	43840.	6.8	15350.	36.
444921	-999.	-999.	56050.	-0.	354.	-501.	54.	-44.	14.3	96.	4.0	5.	1.1	40940.	6.5	15950.	34.
444922	-999.	-999.	39320.	-0.	241.	85650.	31.	-64.	9.8	87.	3.1	4.	.8	22500.	3.1	7741.	31.
444923	-999.	-999.	60060.	-0.	359.	51340.	53.	-60.	15.0	84.	5.3	4.	1.0	37150.	4.4	14720.	28.
444924	-999.	-999.	22940.	-0.	126.	209700.	22.	-59.	4.8	48.	1.9	2.	.3	13740.	1.4	6505.	17.
444925	-999.	-999.	52930.	-0.	297.	119100.	27.	-55.	8.0	65.	4.2	3.	.8	29620.	2.3	13760.	26.
444926	-999.	-999.	52110.	-0.	249.	113100.	37.	-57.	12.3	77.	4.3	4.	.8	29000.	2.0	13310.	26.
444927	-999.	-999.	23750.	-0.	-83.	176300.	23.	-64.	4.2	49.	1.6	3.	.6	15080.	1.2	7545.	19.
444928	-999.	-999.	45390.	-0.	229.	54600.	46.	-65.	8.3	59.	4.1	4.	1.1	25700.	3.6	10910.	37.
444929	-999.	-999.	53750.	-0.	405.	23880.	53.	-44.	17.8	93.	5.2	5.	1.2	45530.	5.6	14470.	33.
444930	-999.	-999.	56850.	-0.	419.	226 0.	53.	-53.	16.1	94.	4.6	5.	1.0	36180.	6.1	14080.	27.
444931	-999.	-999.	53220.	-0.	328.	39840.	50.	-58.	14.7	77.	3.9	5.	1.1	36740.	4.6	13990.	29.
444932	-999.	-999.	23020.	-0.	-125.	158700.	26.	-72.	5.9	54.	2.6	3.	.7	16010.	2.8	6508.	17.
444933	-999.	-999.	64180.	-0.	497.	9087.	70.	-61.	14.5	107.	5.9	6.	1.3	39320.	6.2	14490.	32.
444934	-999.	-999.	51930.	-0.	409.	7678.	59.	-53.	14.0	82.	4.2	4.	1.0	31850.	5.2	14160.	26.
444935	-999.	-999.	77050.	-0.	1122.	21700.	68.	-67.	4.5	142.	8.5	5.	1.0	37910.	4.1	17310.	43.
444936	-999.	-999.	57240.	-0.	270.	102700.	50.	-68.	15.3	87.	5.0	4.	1.1	37960.	3.4	13260.	28.
444937	-999.	-999.	53970.	-0.	566.	98280.	49.	-57.	10.3	89.	5.1	5.	1.0	36150.	3.1	10090.	28.
444938	-999.	-999.	40600.	-0.	330.	94010.	40.	-58.	12.0	75.	3.8	4.	.9	31450.	4.0	10350.	26.
444939	-999.	-999.	32440.	-0.	258.	174500.	29.	-72.	7.7	57.	2.6	3.	.8	23190.	2.6	8747.	25.
444940	-999.	-999.	54120.	-0.	365.	38410.	59.	-54.	23.0	100.	5.5	4.	1.1	47760.	5.7	11770.	33.
444941	-999.	-999.	37430.	-0.	374.	118000.	42.	-53.	8.9	68.	3.4	3.	.8	27400.	3.1	10780.	23.
444942	-999.	-999.	47070.	-0.	710.	8868.	51.	-75.	10.9	102.	4.7	4.	1.0	29780.	5.8	8551.	31.
444943	-999.	-999.	66760.	-0.	2836.	13040.	54.	-112.	17.6	99.	7.8	5.	.8	43060.	4.0	19660.	30.
444944	-999.	-999.	62930.	-0.	739.	6033.	65.	-61.	15.8	118.	4.6	4.	1.3	37950.	6.4	15620.	31.
444945	-999.	-999.	62370.	-0.	1046.	8789.	40.	-105.	13.0	105.	4.9	5.	1.0	49500.	4.6	13540.	22.
444946	-999.	-999.	65030.	-0.	796.	13110.	44.	-80.	17.3	78.	5.8	4.	1.2	37700.	3.5	25740.	27.
444947	-999.	-999.	42390.	-0.	-349.	12170.	37.	-225.	50.9	86.	4.0	5.	.9	127700.	3.4	-11090.	20.
444948	-999.	-999.	55210.	-0.	436.	11750.	67.	-125.	20.5	83.	4.9	4.	1.1	77710.	3.3	12810.	30.
444949	-999.	-999.	31180.	-0.	402.	101200.	32.	-53.	4.1	53.	3.0	3.	.7	20370.	4.3	9300.	19.
444950	-999.	-999.	23810.	-0.	-131.	108700.	29.	-66.	6.7	48.	2.7	3.	.6	16530.	3.1	-2607.	19.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
444901	.3	6837.	519.	4310.	109.	-1.	13.9	5.9	-184.	-1.	-1.	11.0	5601.	137.	3.6	129.	2.941
444902	.3	4944.	593.	2932.	116.	-2.	15.3	5.5	-216.	-1.	-1.	10.6	5001.	137.	3.8	83.	2.849
444903	.3	6861.	650.	3909.	96.	-2.	14.5	5.6	-216.	-1.	-1.	10.8	5122.	124.	3.6	-38.	3.195
444904	.3	6715.	744.	3758.	96.	-2.	14.1	4.7	-266.	-1.	-1.	10.3	5384.	134.	2.7	132.	2.611
444905	.4	7077.	881.	4367.	110.	-2.	16.1	6.1	-255.	-1.	1.	12.8	5420.	149.	3.3	48.	3.257
444906	.3	3929.	571.	2770.	94.	-2.	14.1	6.1	-209.	-1.	-1.	10.9	5140.	139.	5.3	120.	2.747
444907	.3	4082.	596.	3496.	81.	-2.	14.7	5.7	-190.	1.	-1.	13.3	5533.	131.	3.3	157.	3.448
444908	.3	3994.	627.	1355.	-37.	-2.	12.6	3.7	-221.	-1.	-1.	8.9	4665.	119.	3.3	132.	2.433
444909	.3	3563.	716.	1507.	79.	-1.	12.7	4.8	-201.	-1.	-1.	8.8	4958.	120.	2.7	76.	2.513
444910	.4	14770.	604.	2215.	108.	-2.	17.7	5.2	-228.	-1.	-1.	10.2	3830.	148.	3.4	-52.	3.448
444911	.4	8748.	1175.	2406.	130.	-2.	24.1	6.6	-289.	-1.	-1.	13.0	5753.	182.	4.4	174.	3.367
444912	.3	6828.	974.	2192.	113.	-2.	18.4	4.6	-295.	-1.	-1.	10.5	5385.	160.	4.3	141.	2.703
444913	.4	3977.	931.	1831.	61.	-2.	15.5	5.5	-251.	-1.	-1.	10.3	4906.	152.	2.7	171.	2.825
444914	.4	14790.	769.	2491.	130.	-3.	20.1	6.2	-278.	-1.	-1.	10.0	4592.	164.	3.7	-57.	2.959
444915	.3	7763.	604.	1825.	102.	-2.	15.1	4.3	-197.	-1.	-1.	9.7	4094.	130.	3.1	135.	3.279
444916	.2	10550.	532.	1770.	97.	-3.	15.3	4.0	-298.	-2.	-1.	9.1	3906.	140.	-2.4	216.	2.577
444917	.3	6958.	490.	2398.	67.	-2.	14.8	5.6	-189.	-1.	-1.	9.8	4970.	120.	4.2	-46.	2.725
444918	.3	8172.	546.	4698.	81.	-2.	13.8	4.5	-220.	-1.	-1.	10.1	5512.	119.	3.7	-46.	2.732
444919	.2	19620.	366.	1890.	84.	-2.	12.6	4.2	-182.	-1.	-1.	7.2	3474.	129.	3.4	98.	3.003
444920	.3	7238.	751.	1550.	71.	-3.	15.8	5.7	-236.	-1.	-1.	9.0	4068.	141.	3.3	106.	2.463
444921	.3	4747.	562.	2803.	80.	-2.	13.8	4.7	-146.	-1.	-1.	9.9	4519.	113.	2.8	-34.	3.040
444922	.3	24710.	331.	1211.	62.	-2.	8.2	2.8	-218.	-1.	-1.	4.5	2581.	97.	-1.3	193.	1.580
444923	.2	15720.	552.	1546.	76.	-2.	13.4	4.3	-186.	-1.	-1.	8.1	3728.	115.	2.6	62.	2.513
444924	.1	37240.	197.	850.	-24.	-2.	5.4	1.9	-148.	-1.	-1.	2.8	1080.	55.	-1.0	-26.	1.340
444925	.2	19280.	298.	1527.	107.	-2.	11.7	3.3	-139.	-1.	1.	6.9	3063.	115.	2.3	-40.	2.924
444926	.2	16960.	285.	1680.	84.	-2.	11.3	3.1	-177.	-1.	-1.	6.0	2804.	108.	2.9	-40.	2.833
444927	.1	17760.	261.	984.	36.	-1.	5.3	2.5	-146.	-1.	-1.	3.3	1439.	60.	2.0	70.	1.330
444928	.3	13990.	231.	1887.	73.	-3.	10.8	3.8	-209.	-1.	-1.	6.9	2768.	114.	3.2	229.	1.887
444929	.3	6782.	670.	1404.	57.	-2.	15.0	5.5	-161.	-1.	-1.	8.8	4766.	110.	3.3	-40.	2.625
444930	.3	6475.	604.	1501.	77.	-2.	13.0	3.7	-217.	-1.	-1.	9.4	4655.	112.	4.8	-28.	2.740
444931	.2	6968.	597.	1339.	69.	-2.	12.5	4.3	-186.	1.	-1.	7.8	3774.	107.	2.4	107.	2.463
444932	.1	31300.	467.	956.	-31.	-2.	5.6	2.1	-224.	-1.	-1.	3.1	1595.	60.	1.9	124.	1.235
444933	.4	8440.	708.	3052.	63.	-3.	14.6	5.6	-206.	-1.	-1.	10.1	5471.	126.	4.3	-49.	2.874
444934	.3	5275.	488.	2623.	50.	-2.	11.1	3.4	-204.	-1.	-1.	8.0	4407.	105.	3.2	106.	2.865
444935	.3	8622.	169.	7819.	128.	-2.	14.5	5.6	-170.	-1.	-1.	9.9	5317.	217.	4.1	155.	2.681
444936	.3	7381.	428.	1955.	79.	-3.	12.9	4.1	425.	-1.	-1.	7.4	3070.	120.	3.5	-64.	3.058
444937	.2	7065.	482.	1508.	74.	-2.	12.7	3.9	-164.	-1.	-1.	7.3	3364.	117.	3.1	165.	2.732
444938	.2	4814.	489.	894.	72.	-2.	9.8	2.9	337.	-1.	-1.	6.0	3290.	103.	2.7	-41.	1.923
444939	.2	10460.	399.	832.	-25.	-1.	7.4	3.3	291.	-1.	-1.	5.0	2202.	80.	1.5	-68.	2.137
444940	.3	7126.	754.	917.	73.	-3.	15.1	4.7	-237.	-1.	-1.	8.1	3811.	140.	2.9	-75.	2.353
444941	.2	8079.	500.	1444.	63.	-2.	9.1	3.3	235.	-1.	-1.	5.3	2469.	84.	-1.1	154.	2.105
444942	.2	3769.	691.	2716.	-44.	-3.	10.3	4.2	-295.	-1.	-1.	7.6	4074.	115.	-2.4	161.	2.427
444943	.3	8482.	1158.	5131.	103.	-2.	16.2	4.3	-341.	-1.	-1.	7.0	4239.	179.	3.3	118.	2.257
444944	.4	7005.	520.	4010.	101.	-2.	14.0	5.4	-210.	-1.	-1.	9.1	3875.	143.	3.5	-44.	2.825
444945	.3	11480.	974.	10410.	97.	-3.	17.7	3.4	-282.	-2.	-1.	6.6	4602.	186.	3.3	-54.	2.770
444946	.3	8853.	670.	5643.	85.	-3.	15.5	3.5	-276.	-1.	-1.	6.9	3874.	164.	-2.4	-53.	2.625
444947	.2	-4168.	4215.	5436.	-63.	-3.	10.5	3.0	-717.	-1.	-1.	5.1	-1681.	96.	2.6	201.	2.342
444948	.2	4840.	2145.	3015.	-64.	-4.	12.6	3.8	-539.	-2.	-1.	7.8	3233.	114.	3.9	159.	3.021
444949	.2	7765.	242.	1652.	60.	-2.	7.2	2.9	-129.	-1.	-1.	5.4	2484.	76.	3.0	206.	1.908
444950	.2	8160.	308.	1682.	-30.	-2.	5.6	2.0	-205.	-1.	-1.	4.5	2667.	58.	-1.3	211.	1.410

PHILIP SMITH MTS STREAM SEDIMENTS

PG. ONE - SAMPLE SET 4

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	MOLYBDENUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
444951	68.5811	148.8736	9.	-999.	11.	2.90	-5.	-5.	-5.	70.	-20.	47.	8.	-10.	-15.
444952	68.5789	148.8572	8.	-999.	11.	4.05	-5.	-5.	-5.	58.	-20.	58.	9.	-10.	-15.
444953	68.5981	148.7731	9.	152.	5.	3.59	-5.	-5.	-5.	30.	-20.	35.	-5.	-10.	-15.
444954	68.5961	148.7825	-999.	-999.	3.	3.46	-5.	-5.	-5.	25.	-20.	23.	-5.	-10.	-15.
444955	68.5947	148.6675	8.	154.	-999.	3.97	-5.	-5.	-5.	52.	-20.	37.	11.	-10.	-15.
444956	68.5917	148.6731	8.	213.	11.	4.35	-5.	-5.	-5.	42.	-20.	46.	7.	-10.	-15.
444957	68.5942	148.5925	8.	237.	7.	5.87	-5.	-5.	-5.	89.	-20.	85.	13.	-10.	-15.
444958	68.5950	148.5792	9.	78.	7.	5.46	-5.	-5.	-5.	104.	-20.	101.	23.	-10.	-15.
444959	68.6144	148.5586	8.	149.	2.	3.87	-5.	-5.	-5.	28.	-20.	47.	7.	-10.	-15.
444960	68.6381	148.5953	9.	44.	3.	3.02	-5.	-5.	-5.	41.	-20.	31.	7.	-10.	-15.
444961	68.9106	148.1714	7.	197.	6.	3.21	-5.	-5.	-5.	23.	-20.	39.	13.	-10.	-15.
444962	68.8881	148.0683	7.	148.	5.	2.13	-5.	-5.	-5.	13.	-20.	27.	8.	-10.	-15.
444963	68.8962	148.0322	7.	128.	5.	1.70	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444964	68.9289	148.0836	7.	185.	8.	3.87	-5.	-5.	-5.	30.	-20.	43.	5.	-10.	-15.
444965	68.9431	148.0311	8.	173.	8.	14.18	-5.	-5.	-5.	-10.	-20.	45.	9.	-10.	-15.
444966	68.9361	147.9908	8.	204.	8.	3.58	-5.	5.	-5.	34.	-20.	59.	10.	-10.	-15.
444967	68.9389	147.9694	7.	179.	8.	2.66	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444968	68.9286	147.9536	7.	180.	6.	3.19	-5.	-5.	-5.	12.	-20.	46.	11.	-10.	-15.
444969	68.9397	147.9486	8.	165.	6.	4.30	-5.	-5.	-5.	47.	-20.	65.	13.	-10.	20.
444970	68.9497	147.8239	8.	129.	8.	2.33	-5.	-5.	-5.	13.	-20.	22.	-5.	-10.	-15.
444971	68.9717	147.8589	8.	118.	8.	1.63	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444972	68.9928	147.9289	7.	171.	6.	1.50	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444973	68.9961	147.8856	7.	173.	5.	1.85	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444974	68.9603	147.8233	-999.	-999.	6.	1.48	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444975	68.9572	147.7819	8.	137.	8.	1.69	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444976	68.9636	147.7472	8.	120.	8.	1.67	-5.	-5.	-5.	-10.	-20.	21.	-5.	-10.	-15.
444977	68.9564	147.7233	8.	116.	5.	1.90	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444978	68.9597	147.6269	-999.	-999.	5.	2.42	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444979	68.9792	147.5844	8.	118.	8.	1.93	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444980	68.9872	147.5917	8.	104.	8.	3.12	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444981	68.9853	147.5617	8.	138.	1.	2.42	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444982	68.9914	147.4225	8.	141.	3.	2.29	-5.	-5.	-5.	-10.	-20.	15.	-5.	-10.	-15.
444983	68.9753	147.3845	8.	108.	8.	2.38	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444984	68.9503	147.4156	8.	133.	8.	2.49	-5.	-5.	-5.	-10.	-20.	24.	-5.	-10.	-15.
444985	68.9547	147.4047	8.	135.	8.	2.07	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	-15.
444986	68.9289	147.4444	8.	125.	6.	2.76	-5.	-5.	-5.	-10.	-20.	32.	-5.	-10.	-15.
444987	68.9217	147.4422	8.	120.	-999.	2.09	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444988	68.9211	147.4192	8.	106.	-999.	2.26	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444989	68.9411	147.5086	8.	135.	5.	1.92	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444990	68.9436	147.5942	8.	145.	5.	2.41	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
444991	68.9208	147.7064	8.	191.	1.	3.43	-5.	-5.	-5.	25.	-20.	46.	-5.	-10.	-15.
444992	68.9300	147.7008	8.	124.	1.	1.84	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444993	68.9089	147.7806	9.	128.	6.	3.24	-5.	-5.	-5.	25.	-20.	-15.	-5.	-10.	-15.
444994	68.9031	147.7592	8.	260.	6.	3.18	-5.	-5.	-5.	22.	-20.	45.	-5.	-10.	-15.
444995	68.9928	147.8975	-999.	-999.	20.	4.01	-5.	-5.	-5.	19.	-20.	42.	-5.	-10.	-15.
444996	68.9067	147.9067	8.	105.	-999.	1.76	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
444997	68.6956	148.2706	-999.	-999.	3.	2.45	-5.	-5.	-5.	10.	-20.	19.	-5.	-10.	-15.
444998	68.6878	148.2689	8.	225.	3.	2.18	-5.	5.	-5.	18.	-20.	-15.	-5.	-10.	27.
444999	68.6667	148.3242	7.	301.	3.	2.23	-5.	-5.	-5.	20.	-20.	-15.	-5.	-10.	-15.
445000	68.6758	148.3800	8.	241.	-999.	2.05	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
444951	-999.	-999.	71270.	-0.	1141.	6488.	58.	-139.	19.8	113.	5.5	5.	1.4	44960.	4.2	15810.	29.
444952	-999.	-999.	72700.	-0.	1206.	7392.	64.	-120.	17.9	131.	5.9	6.	1.3	38200.	4.4	18100.	36.
444953	-999.	-999.	42920.	-0.	694.	82640.	41.	-85.	9.3	81.	3.5	4.	1.2	29360.	3.1	11470.	26.
444954	-999.	-999.	32500.	-0.	581.	124000.	29.	-86.	9.1	59.	3.0	3.	.7	19240.	3.1	10350.	21.
444955	-999.	-999.	62760.	-0.	1098.	11700.	47.	-136.	11.6	109.	5.3	6.	1.4	38410.	3.5	15000.	33.
444956	-999.	-999.	64140.	-0.	1872.	9196.	55.	-122.	16.0	94.	6.3	5.	1.4	38640.	5.0	13590.	31.
444957	-999.	-999.	53050.	-0.	3267.	52560.	60.	-86.	18.4	142.	5.7	5.	1.4	32680.	4.1	15580.	36.
444958	-999.	-999.	67490.	-0.	3001.	5595.	72.	-148.	26.4	112.	8.5	5.	1.8	37560.	5.2	18300.	37.
444959	-999.	-999.	58830.	-0.	681.	44130.	48.	-96.	10.8	85.	5.2	5.	1.0	31010.	4.3	16580.	29.
444960	-999.	-999.	65180.	-0.	702.	10210.	60.	-109.	15.4	113.	4.6	7.	1.6	38720.	4.5	17390.	31.
444961	-999.	-999.	43270.	-0.	434.	68250.	55.	-70.	13.0	92.	4.9	5.	.9	28060.	3.9	14770.	23.
444962	-999.	-999.	19820.	-0.	189.	173400.	21.	-64.	5.2	36.	1.9	3.	.4	10880.	1.7	7187.	14.
444963	-999.	-999.	4530.	-0.	-65.	308400.	-2.	-63.	-999.0	13.	-.5	1.	.2	2771.	-.3	-1542.	7.
444964	-999.	-999.	50360.	-0.	471.	25110.	47.	-86.	19.4	94.	4.8	5.	1.3	35950.	4.2	13800.	29.
444965	-999.	-999.	42310.	-0.	533.	27220.	56.	-59.	-.7	89.	6.4	4.	.9	21710.	3.4	16880.	36.
444966	-999.	-999.	56300.	-0.	597.	33660.	49.	-109.	19.1	91.	5.1	6.	1.2	32020.	3.3	15500.	33.
444967	-999.	-999.	19600.	-0.	-98.	222300.	16.	-66.	3.6	36.	4.4	2.	.4	12370.	2.5	6988.	13.
444968	-999.	-999.	47380.	-0.	565.	93960.	37.	-69.	8.3	94.	4.5	4.	.9	27540.	4.1	12470.	23.
444969	-999.	-999.	63780.	-0.	918.	15500.	39.	-71.	18.0	120.	6.2	5.	1.1	35420.	3.8	18070.	25.
444970	-999.	-999.	20400.	-0.	237.	228000.	13.	-79.	2.3	48.	1.6	2.	.4	11560.	1.1	8219.	10.
444971	-999.	-999.	10450.	-0.	-92.	250500.	12.	-65.	1.6	20.	-1.0	2.	.4	7970.	-.7	3767.	-4.
444972	-999.	-999.	6485.	-0.	-56.	273600.	5.	-50.	-999.0	18.	-.7	1.	.1	5417.	.7	2099.	-3.
444973	-999.	-999.	17230.	-0.	94.	209100.	22.	-70.	7.9	40.	-1.1	2.	.7	15660.	1.3	5478.	12.
444974	-999.	-999.	9568.	-0.	-77.	266900.	9.	-72.	1.8	26.	-.7	2.	.3	10740.	.9	3011.	9.
444975	-999.	-999.	7724.	-0.	-66.	284000.	10.	-56.	-.8	16.	-.8	1.	.3	6841.	-.5	2931.	9.
444976	-999.	-999.	4234.	-0.	-48.	268100.	6.	-46.	-999.0	18.	-.6	1.	.1	6005.	-.4	-1114.	12.
444977	-999.	-999.	9203.	-0.	-85.	252500.	10.	-59.	2.4	24.	-.8	1.	-.2	6818.	.9	4887.	19.
444978	-999.	-999.	9626.	-0.	-75.	265100.	14.	-70.	-999.0	26.	1.0	2.	.3	6072.	.8	-1871.	8.
444979	-999.	-999.	10340.	-0.	78.	277900.	13.	-58.	1.4	25.	-.9	1.	.3	7371.	.9	3994.	-4.
444980	-999.	-999.	3133.	-0.	-48.	309400.	5.	-50.	-999.0	14.	-.5	1.	.1	2605.	-.4	-1143.	5.
444981	-999.	-999.	3808.	-0.	-81.	288400.	-3.	-58.	1.4	13.	-.7	1.	-.2	2160.	-.6	2280.	-5.
444982	-999.	-999.	6584.	-0.	-71.	304500.	-2.	-68.	-999.0	16.	-.6	1.	-.1	3874.	-.4	2524.	6.
444983	-999.	-999.	5363.	-0.	-73.	304300.	-3.	-60.	-.1	18.	-.8	-1.	-.2	3932.	-.6	2409.	-4.
444984	-999.	-999.	11220.	-0.	-67.	219700.	6.	-55.	-999.0	29.	1.5	1.	.1	7375.	-.6	4223.	10.
444985	-999.	-999.	6679.	-0.	-81.	255300.	-3.	-56.	2.3	14.	-.8	1.	.1	5289.	.7	2426.	-4.
444986	-999.	-999.	35220.	-0.	417.	171800.	33.	-66.	6.3	59.	2.8	3.	.6	21640.	2.1	11920.	24.
444987	-999.	-999.	5295.	-0.	-79.	273400.	-3.	-61.	-.8	24.	-.7	1.	-.2	4067.	-.6	-1434.	-5.
444988	-999.	-999.	2295.	-0.	-49.	314100.	-2.	-49.	-999.0	10.	-.5	1.	.1	2826.	-.4	-1165.	7.
444989	-999.	-999.	16320.	-0.	203.	206800.	12.	-58.	4.4	35.	1.0	2.	.2	11510.	1.4	5245.	10.
444990	-999.	-999.	9095.	-0.	-71.	257200.	9.	-65.	-999.0	24.	1.0	2.	.3	6564.	.8	3440.	9.
444991	-999.	-999.	35460.	-0.	348.	125100.	30.	-80.	13.6	61.	2.9	3.	.9	23650.	2.3	15120.	23.
44992	-999.	-999.	8049.	-0.	-59.	240600.	8.	-52.	-999.0	29.	1.1	2.	.2	7231.	1.1	3719.	-3.
444993	-999.	-999.	16850.	-0.	229.	213600.	17.	-89.	18.2	32.	-1.2	3.	.7	12600.	1.5	-3724.	15.
444994	-999.	-999.	17430.	-0.	-130.	247100.	14.	-96.	18.1	33.	1.8	3.	.6	14510.	1.1	6829.	12.
444995	-999.	-999.	74390.	-0.	683.	3606.	82.	-81.	13.8	111.	5.8	6.	1.5	39610.	7.5	21910.	43.
444996	-999.	-999.	4217.	-0.	-52.	283700.	5.	-51.	-999.0	15.	-.6	1.	.1	3834.	-.4	1671.	-3.
444997	-999.	-999.	22250.	-0.	251.	173000.	25.	-66.	4.7	46.	1.5	2.	.5	12530.	2.0	7715.	17.
444998	-999.	-999.	13240.	-0.	-91.	261200.	-3.	-78.	-999.0	26.	1.8	1.	.3	6419.	1.0	2971.	10.
444999	-999.	-999.	18120.	-0.	194.	219700.	22.	-73.	3.2	44.	-1.3	2.	.4	10560.	2.0	5739.	15.
445000	-999.	-999.	7233.	-0.	112.	278300.	7.	-51.	-999.0	18.	-.7	1.	.1	5589.	.8	2916.	8.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
444951	.3	10860.	1347.	10440.	94.	-3.	18.8	5.6	-365.	-1.	-1.	7.3	3716.	194.	2.6	95.	2.519
444952	.3	8645.	856.	9655.	81.	-4.	19.4	5.0	-363.	-2.	-2.	9.6	4513.	222.	-3.4	256.	2.370
444953	.2	15160.	696.	5280.	-38.	-2.	12.3	3.4	-226.	-1.	-1.	5.3	3170.	121.	2.4	138.	1.477
444954	.2	18770.	422.	3433.	-35.	-2.	7.9	2.1	-250.	-1.	-1.	3.7	2410.	100.	-1.4	-38.	1.070
444955	.3	6711.	1107.	8417.	99.	-3.	15.1	5.7	-374.	-1.	-1.	6.5	3675.	181.	2.5	140.	1.637
444956	.4	6772.	1333.	7168.	-52.	-3.	15.5	3.7	-411.	-2.	2.	6.5	2401.	203.	3.9	182.	1.495
444957	.4	9457.	1277.	5535.	96.	-2.	16.1	4.2	-260.	-1.	-1.	7.4	3018.	206.	-1.6	264.	1.261
444958	.4	4847.	2469.	7227.	111.	-3.	18.8	5.2	-554.	-1.	-1.	8.4	5145.	267.	-2.9	208.	1.538
444959	.3	9152.	712.	3683.	85.	-2.	12.2	4.5	-274.	-1.	-1.	7.6	4010.	151.	4.6	139.	1.965
444960	.3	7815.	685.	8098.	-53.	-4.	18.4	7.9	-320.	-1.	-1.	7.8	4270.	155.	3.7	197.	2.584
444961	.3	8604.	736.	2642.	88.	-2.	10.0	3.3	-215.	-1.	-1.	7.1	3331.	97.	3.5	152.	2.212
444962	.1	11940.	172.	1167.	-26.	-2.	4.4	1.4	330.	-1.	-1.	2.6	1502.	54.	-1.1	88.	1.221
444963	.1	18880.	75.	203.	-13.	-1.	1.3	.9	461.	-1.	-999.	.7	-259.	17.	-.5	38.	.412
444964	.3	8932.	781.	2772.	-55.	-3.	11.0	3.7	-340.	-2.	-1.	6.0	3385.	114.	3.8	227.	1.550
444965	.2	9365.	126.	2732.	68.	-3.	9.0	7.1	-145.	-1.	-1.	7.0	2944.	109.	2.6	128.	.494
444966	.3	7283.	1158.	3387.	68.	-2.	11.7	5.5	-349.	-1.	-1.	7.9	3335.	128.	3.9	166.	2.208
444967	-.1	7877.	120.	1047.	-30.	-2.	4.5	1.4	376.	-1.	-1.	2.9	1129.	54.	-1.4	99.	1.091
444968	.2	9137.	545.	3580.	85.	-2.	10.6	3.1	-180.	-1.	-1.	6.6	3288.	118.	3.1	-39.	2.070
444969	.3	8347.	300.	3304.	102.	-3.	12.5	3.3	-228.	-2.	-1.	7.7	3694.	166.	3.5	163.	1.792
444970	.2	16340.	136.	1019.	-26.	-1.	4.5	1.6	338.	-1.	-999.	2.6	1109.	53.	1.5	79.	1.116
444971	-.1	19350.	157.	811.	-26.	-1.	2.9	1.3	285.	-1.	-1.	1.3	858.	28.	-1.2	78.	.797
444972	.1	16810.	102.	277.	-19.	-1.	1.7	.9	282.	-1.	-999.	1.1	528.	19.	-.8	74.	.733
444973	-.1	13410.	193.	4485.	-27.	-2.	4.7	1.9	367.	-1.	-1.	1.3	3545.	44.	-1.2	67.	.703
444974	.1	21920.	149.	1798.	-19.	-1.	2.9	1.1	377.	-1.	-999.	.9	2713.	34.	1.4	68.	.608
444975	.1	10590.	71.	582.	-20.	-1.	2.0	.9	353.	-1.	-999.	1.1	405.	23.	-.9	59.	.651
444976	.1	10940.	70.	171.	-18.	-1.	1.5	1.0	253.	-1.	-999.	.6	400.	15.	-.7	89.	.359
444977	.1	18790.	88.	613.	-22.	-1.	2.2	.9	429.	-1.	-999.	1.2	-324.	26.	-1.0	61.	.632
444978	*****	17220.	115.	868.	-19.	-1.	2.4	1.5	466.	-1.	-999.	1.5	-298.	34.	1.1	94.	.620
444979	-.1	10950.	85.	561.	-24.	-1.	2.3	.7	519.	-1.	-999.	1.5	628.	31.	-.9	75.	.777
444980	*****	9239.	74.	183.	-15.	-1.	.9	.4	664.	-1.	-999.	.7	203.	16.	-.6	80.	.224
444981	-.1	16340.	52.	313.	-20.	-1.	.9	.7	617.	-1.	-999.	-.5	-300.	15.	-.8	56.	-999.000
444982	*****	27510.	51.	395.	-17.	-1.	1.4	.7	512.	-1.	-999.	1.0	-278.	24.	-.7	35.	.437
444983	-.1	9987.	69.	297.	-20.	-1.	1.3	-.5	485.	-1.	-999.	-.6	401.	23.	-.9	68.	-999.000
444984	-.1	18930.	220.	361.	-19.	-1.	2.3	.7	543.	-1.	-999.	1.5	573.	38.	-.9	139.	.602
444985	.1	15030.	71.	493.	-21.	-1.	1.7	.6	469.	-1.	-999.	1.2	-305.	18.	-.9	63.	.580
444986	.2	13380.	192.	1987.	-23.	-1.	7.0	2.8	342.	-1.	-1.	4.2	1892.	89.	1.5	138.	1.522
444987	-.1	21760.	74.	318.	-22.	-1.	1.5	.8	455.	-1.	-999.	1.2	-316.	20.	-.9	88.	.574
444988	*****	14990.	49.	146.	-16.	-1.	.7	-.3	452.	-1.	-999.	-.4	-201.	13.	-.6	75.	-999.000
444989	-.1	18650.	103.	1076.	-26.	-1.	3.6	1.0	274.	-1.	-999.	2.5	1065.	39.	-1.1	117.	1.302
444990	.1	14490.	58.	409.	-19.	-1.	2.2	1.0	607.	-1.	-999.	1.4	769.	31.	.6	57.	.581
444991	.3	18070.	660.	2263.	-37.	-2.	8.2	3.1	-265.	-1.	-1.	5.2	2175.	88.	2.7	-76.	1.515
444992	.1	11790.	98.	335.	-20.	-1.	2.5	1.1	292.	-1.	-999.	1.4	723.	29.	-.8	113.	.761
444993	.1	13880.	930.	1017.	-33.	-2.	3.4	1.8	420.	-1.	1.	1.6	892.	44.	1.6	182.	.494
444994	.2	17190.	947.	1091.	-25.	-1.	3.8	2.5	-250.	-1.	1.	2.1	1014.	43.	1.6	160.	.661
444995	.4	9717.	559.	6236.	134.	-3.	15.5	6.7	-243.	-1.	-1.	10.1	4604.	154.	5.0	-46.	2.519
444996	*****	13130.	94.	240.	-17.	-1.	1.3	.7	428.	-1.	-999.	.8	407.	16.	-.7	76.	.455
444997	.2	7982.	139.	1819.	-32.	-2.	4.7	1.6	695.	-1.	-1.	2.6	1487.	54.	-1.4	83.	1.062
444998	-.1	19430.	81.	940.	-22.	-1.	2.6	1.3	777.	-1.	-999.	1.6	-347.	41.	-.9	58.	.734
444999	-.1	9124.	158.	1299.	-31.	-2.	4.0	1.7	714.	-1.	-1.	2.8	1198.	49.	-1.4	92.	1.256
445000	*****	9594.	81.	558.	-18.	-1.	1.7	.7	709.	-1.	-999.	1.2	529.	23.	-.8	125.	.585

PHILIP SMITH MTS STREAM SEDIMENTS

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445001	68.4336	148.5608	8.	115.	6.	4.09	-5.	-5.	-5.	54.	-20.	46.	12.	-10.	-15.
445002	68.4372	148.5731	8.	206.	6.	3.00	-5.	-5.	-5.	31.	-20.	37.	-5.	-10.	-15.
445003	68.4172	148.6556	8.	104.	11.	3.75	-5.	-5.	-5.	50.	-20.	47.	14.	-10.	-15.
445004	68.4264	148.6550	8.	167.	11.	3.97	-5.	-5.	-5.	48.	-20.	60.	13.	-10.	-15.
445005	68.4303	149.6828	8.	167.	9.	3.91	-5.	6.	-5.	46.	-20.	54.	8.	-10.	-15.
445006	68.4439	148.6614	8.	575.	7.	2.65	-5.	-5.	-5.	33.	-20.	58.	11.	-10.	-15.
445007	68.4533	148.6803	8.	291.	5.	3.74	-5.	-5.	-5.	56.	-20.	44.	11.	-10.	-15.
445008	68.4797	148.7292	8.	202.	4.	3.30	-5.	-5.	-5.	31.	-20.	41.	-5.	-10.	-15.
445009	68.4553	148.7339	8.	145.	10.	3.43	-5.	-5.	-5.	45.	-20.	44.	7.	-10.	-15.
445010	68.4336	148.7719	8.	151.	6.	3.62	-5.	-5.	-5.	48.	-20.	40.	9.	-10.	-15.
445011	68.4317	148.7636	8.	193.	6.	4.76	-5.	-5.	-5.	52.	-20.	58.	21.	-10.	-15.
445012	68.4372	149.0108	8.	108.	10.	3.74	-5.	-5.	-5.	59.	-20.	49.	17.	-10.	-15.
445013	68.4331	148.9342	8.	47.	6.	3.84	-5.	-5.	-5.	49.	-20.	59.	17.	-10.	-15.
445014	68.4133	148.9217	8.	175.	10.	3.22	-5.	-5.	-5.	32.	-20.	37.	10.	-10.	-15.
445015	68.4003	149.0025	8.	143.	10.	3.56	-5.	-5.	-5.	52.	-20.	41.	7.	-10.	-15.
445016	68.3933	148.9803	8.	101.	6.	3.78	-5.	-5.	-5.	54.	-20.	39.	10.	-10.	-15.
445017	68.3753	148.9800	8.	106.	10.	4.00	-5.	-5.	-5.	46.	-20.	55.	13.	-10.	-15.
445018	68.3656	148.9647	7.	142.	10.	3.91	-5.	-5.	-5.	46.	-20.	38.	8.	-10.	-15.
445019	68.3908	149.1422	8.	62.	10.	4.07	-5.	-5.	-5.	54.	-20.	41.	-5.	-10.	-15.
445020	68.3861	149.1097	8.	66.	10.	3.74	-5.	-5.	-5.	80.	-20.	57.	22.	-10.	21.
445021	68.3481	149.1578	8.	120.	10.	3.96	-5.	-5.	-5.	48.	-20.	41.	11.	-10.	-15.
445022	68.3403	149.1633	8.	69.	-999.	3.75	-5.	-5.	-5.	56.	-20.	42.	9.	-10.	-15.
445023	68.3033	149.1325	8.	81.	6.	2.71	-5.	-5.	-5.	41.	-20.	28.	13.	-10.	-15.
445024	68.2964	149.1481	7.	176.	6.	3.69	-5.	-5.	-5.	58.	-20.	59.	19.	-10.	-15.
445025	68.1947	149.2683	8.	27.	10.	4.18	-5.	-5.	-5.	36.	-20.	50.	12.	-10.	-15.
445026	68.1975	149.2169	8.	118.	13.	4.08	-5.	-5.	-5.	48.	-20.	58.	13.	-10.	-15.
445027	68.2019	149.2022	7.	53.	6.	3.74	-5.	-5.	-5.	46.	-20.	42.	20.	-10.	-15.
445028	68.2153	149.2111	7.	107.	6.	3.63	-5.	-5.	-5.	43.	-20.	51.	19.	-10.	-15.
445029	68.1983	149.1592	7.	202.	6.	3.54	-5.	-5.	-5.	66.	-20.	66.	26.	-10.	-15.
445030	68.2289	149.1656	7.	392.	13.	7.08	-5.	-5.	-5.	65.	-20.	34.	34.	-10.	-15.
445031	68.2447	149.1306	7.	235.	6.	3.34	-5.	-5.	-5.	49.	-20.	50.	18.	-10.	-15.
445032	68.2525	149.0364	7.	271.	13.	3.61	-5.	-5.	-5.	67.	-20.	47.	18.	-10.	-15.
445033	68.2297	149.0764	7.	214.	13.	3.83	-5.	-5.	-5.	45.	-20.	49.	24.	-10.	-15.
445034	68.2603	149.0086	7.	41.	8.	4.77	-5.	-5.	-5.	79.	-20.	60.	34.	-10.	15.
445035	68.2706	148.9767	8.	25.	8.	4.71	-5.	-5.	-5.	75.	-20.	55.	22.	-10.	-15.
445036	68.2689	149.0839	8.	102.	6.	3.40	-5.	-5.	-5.	46.	-20.	77.	20.	-10.	-15.
445037	68.2678	149.0353	8.	138.	6.	3.29	-5.	-5.	-5.	49.	-20.	44.	15.	-10.	17.
445038	68.2858	148.9469	7.	145.	10.	3.62	-5.	-5.	-5.	56.	-20.	75.	22.	-10.	-15.
445039	68.3125	148.9881	8.	61.	8.	4.05	-5.	5.	-5.	64.	-20.	68.	17.	-10.	-15.
445040	68.3197	148.9869	7.	274.	8.	3.01	-5.	-5.	-5.	41.	-20.	45.	10.	-10.	-15.
445041	68.3339	149.0475	8.	152.	11.	4.30	-5.	-5.	-5.	63.	-20.	34.	14.	-10.	-15.
445042	68.3414	149.0406	8.	42.	11.	4.18	-5.	-5.	-5.	74.	-20.	68.	20.	-10.	-15.
445043	68.3464	148.9181	8.	92.	6.	3.81	-5.	-5.	-5.	57.	-20.	57.	8.	-10.	-15.
445044	68.3814	148.8969	7.	54.	10.	3.58	-5.	-5.	-5.	40.	-20.	47.	6.	-10.	-15.
445045	68.0567	149.2842	8.	93.	3.	3.84	-5.	-5.	-5.	48.	-20.	66.	9.	-10.	-15.
445046	68.0611	149.2428	8.	117.	11.	3.63	-5.	-5.	-5.	56.	-20.	63.	9.	-10.	-15.
445047	68.0714	149.2389	8.	407.	7.	3.58	-5.	-5.	-5.	73.	-20.	61.	17.	-10.	-15.
445048	68.0806	149.2647	8.	63.	3.	3.57	-5.	-5.	-5.	59.	-20.	51.	14.	-10.	-15.
445049	68.0797	149.2250	8.	139.	7.	4.03	-5.	-5.	-5.	53.	-20.	46.	14.	-10.	-15.
445050	68.0878	149.2081	8.	200.	7.	3.63	-5.	-5.	-5.	43.	-20.	51.	12.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445001	-999.	-999.	65750.	-0.	438.	2336.	62.	-62.	16.9	87.	5.2	6.	1.2	36100.	6.2	17990.	35.
445002	-999.	-999.	35870.	-0.	-87.	189200.	32.	-72.	7.0	55.	2.7	4.	.7	19640.	2.6	10010.	23.
445003	-999.	-999.	70940.	-0.	348.	5208.	74.	-69.	17.4	98.	5.4	5.	1.2	40310.	5.9	21810.	42.
445004	-999.	-999.	69350.	-0.	436.	12310.	72.	-58.	16.4	92.	5.3	5.	1.2	38040.	5.8	20610.	38.
445005	-999.	-999.	65400.	-0.	348.	-618.	62.	-65.	15.5	86.	5.7	5.	1.2	36770.	5.9	19020.	38.
445006	-999.	-999.	82440.	-0.	445.	60230.	57.	-88.	12.1	111.	7.1	6.	.9	37660.	3.0	22640.	31.
445007	-999.	-999.	59880.	-0.	1733.	24760.	56.	-59.	8.6	120.	8.0	4.	1.3	32570.	4.4	19790.	29.
445008	-999.	-999.	30900.	-0.	516.	188000.	28.	-52.	2.2	71.	3.2	3.	.6	19100.	.9	10380.	21.
445009	-999.	-999.	58050.	-0.	265.	3091.	57.	-60.	16.1	86.	4.5	5.	1.1	33440.	6.3	16810.	32.
445010	-999.	-999.	70590.	-0.	425.	-861.	67.	-72.	14.9	90.	6.4	5.	1.2	37460.	6.3	17350.	39.
445011	-999.	-999.	83690.	-0.	369.	6065.	85.	-90.	19.6	103.	9.1	7.	1.6	39460.	5.9	24560.	53.
445012	-999.	-999.	66670.	-0.	418.	3678.	59.	-50.	15.8	106.	6.9	5.	1.1	41300.	6.4	15160.	36.
445013	-999.	-999.	67340.	-0.	339.	-688.	58.	-61.	16.1	92.	5.3	5.	1.1	41240.	6.5	15990.	34.
445014	-999.	-999.	59730.	-0.	285.	-863.	55.	-66.	12.5	91.	5.3	5.	1.0	34480.	6.9	15420.	29.
445015	-999.	-999.	58140.	-0.	307.	-612.	58.	-54.	15.1	109.	4.4	5.	1.2	41500.	7.7	14020.	34.
445016	-999.	-999.	64490.	-0.	369.	-657.	56.	-54.	15.3	96.	7.0	6.	1.0	35870.	6.5	16560.	34.
445017	-999.	-999.	85670.	-0.	433.	-1035.	69.	-83.	13.4	105.	10.3	7.	1.4	40240.	5.3	24600.	39.
445018	-999.	-999.	78900.	-0.	322.	-929.	76.	-76.	16.7	101.	8.5	5.	1.3	39590.	4.5	22010.	36.
445019	-999.	-999.	66650.	-0.	402.	1679.	57.	-41.	13.7	94.	8.1	5.	1.3	38630.	5.7	16550.	37.
445020	-999.	-999.	55340.	-0.	305.	1843.	59.	-64.	18.6	95.	4.7	5.	1.1	41150.	5.8	12520.	25.
445021	-999.	-999.	67240.	-0.	502.	8734.	68.	-44.	16.1	93.	6.2	6.	1.3	37860.	7.2	14990.	41.
445022	-999.	-999.	70230.	-0.	255.	2920.	67.	-46.	15.3	97.	8.0	5.	1.2	40340.	6.3	19350.	37.
445023	-999.	-999.	53950.	-0.	556.	85410.	43.	-50.	11.8	97.	5.2	4.	.9	31100.	3.8	15860.	28.
445024	-999.	-999.	59280.	-0.	598.	36810.	68.	-61.	19.0	109.	5.7	5.	1.1	33760.	6.0	11460.	30.
445025	-999.	-999.	77140.	-0.	744.	-904.	62.	-87.	21.1	127.	7.1	6.	1.6	40940.	7.9	22390.	40.
445026	-999.	-999.	72450.	-0.	381.	-842.	85.	-85.	24.3	122.	7.4	6.	1.5	42310.	6.4	20650.	40.
445027	-999.	-999.	62350.	-0.	540.	3244.	84.	-70.	18.3	129.	6.2	6.	1.4	39260.	7.6	19640.	35.
445028	-999.	-999.	61770.	-0.	512.	-742.	67.	-72.	17.9	105.	5.2	5.	1.3	33860.	7.0	19040.	32.
445029	-999.	-999.	76110.	-0.	445.	2483.	72.	-91.	19.2	97.	6.0	6.	1.4	43720.	6.3	18510.	39.
445030	-999.	-999.	98600.	-0.	795.	7957.	72.	-122.	21.7	127.	27.0	6.	1.5	44310.	4.7	22510.	46.
445031	-999.	-999.	61690.	-0.	412.	-661.	72.	-65.	17.3	96.	4.8	5.	1.2	39010.	7.2	18500.	40.
445032	-999.	-999.	72920.	-0.	449.	-904.	68.	-73.	20.4	94.	4.3	6.	1.2	42000.	6.1	22770.	46.
445033	-999.	-999.	72490.	-0.	509.	3107.	73.	-98.	24.1	105.	7.7	5.	1.5	37670.	6.7	20460.	38.
445034	-999.	-999.	99310.	-0.	641.	-1454.	91.	-123.	25.8	147.	20.4	8.	2.1	46910.	6.2	22590.	36.
445035	-999.	-999.	82470.	-0.	729.	-583.	90.	-55.	19.3	134.	10.6	7.	1.6	45920.	9.5	18750.	44.
445036	-999.	-999.	73010.	-0.	601.	23100.	63.	-55.	18.2	107.	5.7	5.	1.3	36910.	6.2	17940.	33.
445037	-999.	-999.	82220.	-0.	703.	23430.	66.	-67.	18.1	111.	5.6	6.	1.3	38200.	5.6	21630.	36.
445038	-999.	-999.	69520.	-0.	491.	16410.	69.	-62.	20.7	107.	6.2	6.	1.1	43870.	6.1	15250.	46.
445039	-999.	-999.	79050.	-0.	605.	6530.	71.	-49.	11.6	117.	7.2	6.	1.4	32600.	5.2	15180.	36.
445040	-999.	-999.	53570.	-0.	481.	117500.	41.	-70.	15.1	78.	4.8	4.	.9	28960.	3.1	15760.	26.
445041	-999.	-999.	74080.	-0.	551.	-893.	70.	-62.	17.5	100.	9.5	6.	1.4	38410.	7.3	22980.	42.
445042	-999.	-999.	72750.	-0.	429.	-562.	70.	-47.	22.0	116.	6.8	5.	1.3	35730.	6.8	13420.	42.
445043	-999.	-999.	61570.	-0.	496.	-478.	74.	-37.	17.3	107.	6.2	5.	1.2	37780.	5.9	13540.	29.
445044	-999.	-999.	56010.	-0.	308.	-657.	57.	-59.	15.1	98.	4.7	4.	1.1	34430.	7.8	15290.	35.
445045	-999.	-999.	90360.	-0.	485.	-1429.	78.	-117.	17.5	120.	9.2	7.	1.6	42500.	5.8	24620.	52.
445046	-999.	-999.	80810.	-0.	387.	-928.	90.	-91.	22.0	117.	7.7	6.	1.7	51530.	7.2	19420.	45.
445047	-999.	-999.	77[illegible]0.	-0.	488.	2950.	82.	-77.	21.0	107.	8.3	6.	1.5	50820.	6.5	17370.	42.
445048	-999.	-999.	77960.	-0.	548.	2880.	67.	-70.	18.4	88.	8.3	6.	1.3	43920.	6.9	24390.	38.
445049	-999.	-999.	81670.	-0.	569.	-819.	77.	-87.	17.7	99.	10.3	7.	1.4	43150.	11.1	21500.	44.
445050	-999.	-999.	58380.	-0.	349.	-583.	77.	-61.	19.9	104.	7.5	5.	1.3	39990.	8.8	19090.	38.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445001	.3	6879.	556.	4474.	82.	-2.	14.5	5.2	-219.	-1.	-1.	10.9	5710.	116.	3.1	-42.	2.667
445002	.2	9047.	308.	2256.	44.	-1.	7.5	3.4	351.	-1.	-1.	5.2	2313.	73.	2.2	43.	1.733
445003	.4	7735.	502.	4758.	128.	-3.	15.7	5.5	-215.	-1.	-1.	10.5	4769.	128.	4.3	-47.	2.801
445004	.4	8540.	457.	4550.	118.	-2.	15.3	4.1	-159.	-1.	-1.	12.3	6026.	126.	3.5	-38.	3.096
445005	.3	5299.	490.	4629.	-42.	-3.	13.7	4.0	-226.	-1.	-1.	10.2	5212.	120.	3.1	151.	2.611
445006	.4	6802.	306.	2978.	97.	-3.	16.3	4.6	-222.	-1.	-1.	9.9	4371.	173.	2.1	146.	3.731
445007	.3	5352.	115.	3533.	129.	-3.	13.6	5.2	-160.	-1.	-1.	8.0	3381.	166.	2.6	-106.	2.137
445008	.2	8870.	146.	1589.	57.	-2.	7.6	2.3	262.	-1.	-1.	3.8	2155.	94.	2.7	108.	1.152
445009	.3	7758.	492.	4501.	71.	-2.	12.3	4.0	-208.	-1.	-1.	9.2	4846.	105.	4.4	-18.	2.681
445010	.3	7691.	582.	4685.	99.	-2.	14.2	5.2	-203.	-1.	-1.	11.7	4944.	127.	2.9	-18.	3.236
445011	.5	8690.	567.	5502.	138.	-4.	18.9	8.7	-287.	-1.	-2.	13.5	5320.	144.	4.3	178.	2.833
445012	.3	4431.	631.	1954.	70.	-2.	15.2	4.9	-181.	-1.	-1.	11.4	5840.	129.	4.3	-96.	3.049
445013	.4	5076.	676.	2833.	123.	-3.	14.3	4.0	-251.	-1.	-1.	10.0	5314.	128.	4.3	-33.	2.604
445014	.3	4195.	575.	2914.	68.	-2.	11.7	4.7	-213.	-1.	-1.	8.6	4853.	116.	3.8	98.	2.674
445015	.3	3999.	691.	3035.	63.	-2.	13.5	4.3	-176.	-1.	1.	8.8	4859.	104.	2.8	-35.	2.469
445016	.3	4301.	460.	2002.	76.	-3.	13.5	4.6	-222.	-1.	-1.	9.3	5355.	130.	4.3	-50.	2.463
445017	.4	7192.	514.	3270.	111.	-3.	17.3	5.6	-264.	-1.	-1.	13.1	5350.	158.	5.0	87.	3.279
445018	.4	6438.	438.	3712.	90.	-4.	16.6	7.8	-270.	-2.	-2.	10.8	4860.	151.	4.1	113.	2.762
445019	.4	4013.	464.	1472.	104.	-2.	15.0	5.0	-148.	-1.	-1.	11.0	5481.	130.	4.0	-38.	2.703
445020	.3	3740.	766.	2669.	86.	-3.	13.0	4.0	-263.	-1.	-1.	8.7	4743.	114.	3.3	-53.	2.326
445021	.4	4732.	365.	1089.	78.	-1.	15.1	5.5	-153.	-1.	-1.	11.1	5557.	161.	3.4	85.	2.801
445022	.3	5445.	321.	1671.	109.	-3.	15.2	4.6	-183.	-1.	-1.	11.3	4527.	148.	4.0	-47.	3.012
445023	.3	6362.	451.	1808.	77.	-2.	13.0	4.1	-139.	-1.	1.	7.2	3398.	121.	2.2	-35.	2.660
445024	.3	6553.	705.	1544.	-40.	-3.	13.6	4.6	-245.	-1.	-1.	8.3	4623.	136.	4.0	124.	2.247
445025	.4	8857.	811.	6470.	113.	-2.	17.3	7.0	-229.	-1.	-1.	11.8	6084.	161.	3.6	46.	2.825
445026	.4	8464.	858.	6454.	98.	-3.	17.1	5.4	-267.	-1.	-1.	11.8	5821.	142.	4.6	111.	2.890
445027	.3	7609.	842.	5777.	82.	-2.	15.6	6.1	-197.	-1.	2.	11.0	6360.	135.	4.7	-61.	2.941
445028	.3	5938.	724.	5393.	81.	-2.	13.5	4.1	-253.	-1.	-1.	9.5	5909.	130.	3.4	-28.	2.618
445029	.3	8791.	730.	6525.	93.	-2.	15.5	5.7	-239.	-1.	-1.	11.3	5860.	131.	3.6	121.	3.195
445030	.4	9228.	1169.	6218.	168.	-5.	23.5	5.8	-426.	-2.	-1.	12.1	3965.	183.	-3.4	-75.	1.709
445031	.4	6141.	758.	5691.	76.	-2.	14.2	6.4	-180.	-1.	-1.	11.3	5590.	115.	4.8	-37.	3.378
445032	.5	7307.	827.	4240.	85.	-3.	15.5	5.2	-270.	-1.	-1.	10.1	5511.	141.	4.1	93.	2.801
445033	.3	7682.	1182.	5929.	103.	-2.	16.5	6.3	-291.	-1.	-1.	10.6	5988.	145.	3.4	130.	2.770
445034	.4	3960.	1867.	3327.	150.	-5.	23.7	7.0	-517.	-2.	-2.	13.5	6017.	207.	5.0	-105.	2.833
445035	.5	4525.	746.	2190.	98.	-3.	20.0	7.4	-197.	-1.	2.	11.6	6695.	180.	4.4	220.	2.463
445036	.3	5071.	463.	2303.	96.	-3.	15.6	5.1	-204.	-1.	-1.	10.1	4943.	149.	3.7	-47.	2.967
445037	.3	6482.	523.	2494.	122.	-2.	16.2	5.7	-198.	-1.	-1.	10.9	5355.	169.	4.2	123.	3.311
445038	.4	6473.	804.	1798.	-43.	-3.	17.1	5.9	-255.	-1.	-1.	10.7	4463.	153.	3.6	-49.	2.959
445039	.3	3725.	425.	1865.	80.	-3.	17.8	5.3	-173.	-1.	-1.	10.3	5686.	176.	4.3	-44.	2.545
445040	.3	18620.	542.	2088.	-39.	-2.	11.7	3.5	331.	-1.	-1.	6.8	2862.	112.	3.5	-44.	2.257
445041	.4	6336.	539.	1911.	116.	-2.	15.5	5.7	-223.	-1.	-1.	11.5	5953.	161.	3.4	112.	2.674
445042	.4	4076.	552.	1270.	-40.	-3.	17.4	6.3	-203.	-1.	-1.	10.2	5146.	169.	3.1	-42.	2.439
445043	.3	2949.	526.	1088.	85.	-2.	15.4	5.1	-147.	-1.	2.	9.4	5043.	141.	4.6	-39.	2.469
445044	.3	5798.	493.	3907.	90.	-2.	12.0	3.7	-210.	-1.	-1.	9.3	4932.	105.	2.8	-85.	2.597
445045	.4	8362.	635.	7214.	152.	-3.	19.6	6.9	-302.	-1.	-1.	13.3	6082.	169.	3.8	124.	3.460
445046	.5	7618.	839.	6994.	149.	-3.	18.5	7.1	-283.	-1.	-1.	12.2	5859.	155.	2.6	178.	3.356
445047	.3	9219.	882.	6889.	100.	-3.	17.8	6.1	-219.	-1.	-1.	12.1	6512.	147.	3.4	-49.	3.378
445048	.3	8569.	301.	5450.	109.	-3.	16.1	5.0	-209.	-1.	-1.	12.6	5772.	160.	5.3	-31.	3.534
445049	.4	8003.	638.	5244.	105.	-2.	16.3	6.7	-239.	-1.	-1.	12.5	5080.	160.	4.7	126.	3.106
445050	.3	5699.	623.	3252.	81.	-2.	13.9	6.1	-219.	-1.	-1.	10.0	4567.	138.	4.0	-40.	2.755

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445051	68.1200	149.2956	8.	109.	7.	2.76	-5.	-5.	-5.	34.	-20.	29.	9.	-10.	-15.
445052	68.1122	149.2986	8.	180.	11.	3.40	-5.	-5.	-5.	58.	-20.	56.	14.	-10.	-15.
445053	68.1272	149.1875	8.	151.	3.	3.03	-5.	-5.	-5.	41.	-20.	41.	15.	-10.	-15.
445054	68.1306	149.2003	8.	128.	3.	3.31	-5.	-5.	-5.	48.	-20.	41.	13.	-10.	19.
445055	68.1517	149.2383	8.	152.	7.	3.68	-5.	-5.	-5.	53.	-20.	56.	8.	-10.	-15.
445056	68.1569	149.1906	8.	329.	7.	3.65	-5.	-5.	-5.	57.	-20.	45.	17.	-10.	-15.
445057	68.1567	149.0917	8.	180.	5.	3.64	-5.	-5.	-5.	59.	-20.	55.	23.	-10.	-15.
445058	68.1536	149.0742	8.	92.	7.	3.21	-5.	-5.	-5.	51.	-20.	45.	15.	-10.	-15.
445059	68.2114	149.0136	8.	311.	3.	3.44	-5.	-5.	-5.	59.	-20.	56.	18.	-10.	-15.
445060	68.2081	149.0283	8.	300.	3.	3.47	-5.	-5.	-5.	51.	-20.	44.	10.	-10.	-15.
445061	68.2161	148.9206	8.	165.	7.	3.64	-5.	-5.	-5.	66.	-20.	49.	19.	-10.	16.
445062	68.2131	148.9306	8.	331.	7.	3.94	-5.	-5.	-5.	69.	-20.	57.	11.	-10.	-15.
445063	68.2417	148.9044	8.	239.	3.	3.89	-5.	-5.	-5.	45.	-20.	48.	30.	-10.	-15.
445064	68.2758	148.7861	8.	134.	3.	3.47	-5.	-5.	-5.	37.	-20.	60.	21.	-10.	-15.
445065	68.2811	148.7822	8.	183.	7.	3.25	-5.	6.	-5.	55.	-20.	47.	15.	-10.	-15.
445066	68.3219	148.8117	8.	146.	9.	3.60	-5.	-5.	-5.	59.	-20.	43.	17.	-10.	-15.
445067	68.3122	148.8258	8.	119.	9.	3.40	-5.	-5.	-5.	47.	-20.	53.	14.	-10.	-15.
445068	68.3772	148.8972	8.	51.	12.	3.53	-5.	-5.	-5.	51.	-20.	39.	11.	-10.	-15.
445069	68.4072	148.9325	8.	111.	6.	3.42	-5.	-5.	6.	54.	-20.	47.	9.	-10.	-15.
445070	68.4175	148.9400	8.	207.	-999.	3.85	-5.	-5.	-5.	67.	-20.	40.	17.	-10.	-15.
445071	68.5436	148.4075	6.	137.	7.	3.30	-5.	-5.	-5.	35.	-20.	44.	-5.	-10.	-15.
445072	68.5375	148.4194	6.	138.	7.	3.77	-5.	-5.	-5.	59.	-20.	43.	6.	-10.	-15.
445073	68.5053	148.4322	6.	194.	7.	2.85	-5.	-5.	-5.	19.	-20.	44.	-5.	-10.	-15.
445074	68.5078	148.4453	-999.	-999.	7.	2.94	-5.	-5.	-5.	24.	-20.	22.	5.	-10.	-15.
445075	68.4839	148.4550	7.	197.	6.	2.99	-5.	-5.	-5.	27.	-20.	59.	-5.	-10.	-15.
445076	68.4844	148.4442	7.	181.	6.	2.88	-5.	-5.	-5.	24.	-20.	38.	-5.	-10.	-15.
445077	68.4919	148.5061	8.	181.	7.	3.01	-5.	-5.	-5.	25.	-20.	18.	6.	-10.	-15.
445078	68.4936	148.5161	8.	256.	7.	3.3[illegible]	-5.	-5.	-5.	32.	-20.	64.	6.	-10.	-15.
445079	68.4822	148.5703	8.	217.	3.	3.4[illegible]	-5.	-5.	-5.	28.	-20.	43.	10.	-10.	-15.
445080	68.4908	148.5614	8.	222.	3.	3.[illegible]2	-5.	-5.	-5.	22.	-20.	42.	-5.	-10.	-15.
445081	68.4717	148.5956	8.	235.	7.	3.50	6.	-5.	-5.	41.	-20.	43.	-5.	-10.	-15.
445082	68.4839	148.7842	8.	204.	15.	4.07	-5.	-5.	-5.	29.	-20.	37.	-5.	-10.	-15.
445083	68.4742	148.7869	-999.	-999.	3.	3.1[illegible]	-5.	-5.	-5.	38.	-20.	40.	8.	-10.	-15.
445084	68.4806	148.6939	8.	206.	15.	2.56	-5.	-5.	-5.	21.	-20.	20.	-5.	-10.	-15.
445085	68.4606	148.7033	8.	286.	17.	3.76	-5.	-5.	-5.	43.	-20.	65.	-5.	-10.	-15.
445086	68.4519	148.7317	8.	235.	7.	3.4[illegible]	-5.	8.	-5.	38.	-20.	38.	-5.	-10.	15.
445087	68.4286	148.8008	9.	1[illegible]2.	11.	3.6[illegible]	-5.	-5.	-5.	44.	-20.	34.	9.	-10.	15.
445088	68.4283	148.7792	-999.	-999.	11.	3.55	-5.	-5.	-5.	41.	-20.	31.	-5.	-10.	-15.
445089	68.4297	148.6914	8.	166.	10.	3.79	-5.	-5.	-5.	48.	-20.	50.	7.	-10.	-15.
445090	68.4286	148.6464	8.	166.	9.	3.92	-5.	-5.	-5.	48.	-20.	25.	8.	-10.	-15.
445091	68.4147	148.6556	8.	69.	14.	3.60	-5.	5.	-5.	46.	-20.	38.	6.	-10.	-15.
445092	68.3825	148.6267	8.	89.	1[illegible].	4.37	-5.	-5.	-5.	53.	-20.	43.	14.	-10.	-15.
445093	68.3869	148.6961	8.	66.	11.	3.96	-5.	-5.	-5.	36.	-20.	33.	-5.	-10.	-15.
445094	68.3669	148.7403	8.	36.	7.	3.61	-5.	-5.	-5.	49.	-20.	44.	-5.	-10.	-15.
445095	68.3683	148.7503	8.	111.	7.	3.66	-5.	-5.	-5.	39.	-20.	40.	-5.	-10.	18.
445096	68.3250	148.6686	8.	179.	7.	3.91	-5.	5.	-5.	38.	-20.	37.	13.	-10.	-15.
445097	68.2294	148.6714	8.	170.	7.	4.21	-5.	-5.	-5.	59.	-20.	35.	16.	-10.	16.
445098	68.2942	148.7625	8.	161.	23.	3.52	-5.	6.	-5.	44.	-20.	32.	14.	-10.	-15.
445099	68.2792	148.7392	8.	151.	23.	3.71	-5.	-5.	-5.	36.	-20.	39.	9.	-10.	-15.
445100	68.2481	148.8081	8.	109.	10.	3.15	-5.	6.	-5.	35.	-20.	42.	17.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445051	-999.	-999.	36570.	-0.	399.	1852.	41.	-45.	11.8	86.	3.4	4.	.9	33120.	5.7	10310.	25.
445052	-999.	-999.	44620.	-0.	336.	-638.	50.	-50.	17.4	95.	4.1	4.	1.0	33250.	10.3	13340.	29.
445053	-999.	-999.	49610.	-0.	392.	1630.	56.	-56.	15.4	83.	4.2	5.	1.1	34680.	8.5	13920.	29.
445054	-999.	-999.	47010.	-0.	236.	-564.	62.	-48.	16.7	96.	4.2	4.	1.2	35840.	10.2	15830.	34.
445055	-999.	-999.	70900.	-0.	443.	2162.	82.	-70.	19.9	108.	6.5	6.	1.3	46120.	5.9	21210.	39.
445056	-999.	-999.	64810.	-0.	391.	-787.	76.	-72.	20.9	103.	5.5	5.	1.1	40990.	5.8	17870.	32.
445057	-999.	-999.	53920.	-0.	427.	1969.	64.	-63.	18.2	96.	5.5	5.	1.2	38820.	9.0	16380.	33.
445058	-999.	-999.	53600.	-0.	274.	1158.	70.	-54.	20.2	94.	5.4	4.	1.2	37180.	7.2	16480.	34.
445059	-999.	-999.	67400.	-0.	455.	-804.	75.	-68.	18.8	109.	5.1	5.	1.3	46230.	7.1	18410.	33.
445060	-999.	-999.	64160.	-0.	398.	-740.	59.	-71.	18.3	102.	4.8	6.	1.2	40630.	7.4	15940.	31.
445061	-999.	-999.	72420.	-0.	391.	-1044.	72.	-91.	20.8	109.	5.9	6.	1.3	41280.	7.3	17620.	35.
445062	-999.	-999.	64520.	-0.	423.	3061.	69.	-68.	21.3	115.	6.2	5.	1.4	44190.	7.4	21410.	36.
445063	-999.	-999.	75190.	-0.	566.	-800.	80.	-75.	19.4	109.	7.8	6.	1.3	42470.	7.2	22430.	40.
445064	-999.	-999.	66570.	-0.	400.	-723.	70.	-75.	16.4	107.	5.6	6.	1.3	40040.	10.7	17920.	35.
445065	-999.	-999.	55400.	-0.	390.	-707.	63.	-57.	14.1	87.	5.4	5.	1.1	37460.	7.1	13290.	33.
445066	-999.	-999.	65510.	-0.	523.	-688.	74.	-62.	17.2	89.	5.0	5.	1.3	41690.	7.5	16050.	35.
445067	-999.	-999.	64230.	-0.	411.	1939.	60.	-67.	18.2	100.	4.5	6.	1.2	39650.	6.2	17290.	38.
445068	-999.	-999.	62880.	-0.	324.	-770.	60.	-67.	14.5	98.	4.9	5.	1.2	35730.	7.1	19080.	29.
445069	-999.	-999.	70100.	-0.	306.	3888.	77.	-71.	18.5	72.	5.8	5.	1.3	55120.	4.3	21600.	32.
445070	-999.	-999.	70620.	-0.	355.	3022.	57.	-54.	16.0	101.	6.7	5.	1.1	42960.	5.7	17950.	32.
445071	-999.	-999.	39880.	-0.	-139.	67380.	35.	-64.	7.6	73.	4.0	5.	.9	21380.	2.3	12320.	29.
445072	-999.	-999.	72300.	-0.	487.	13230.	66.	-71.	18.3	94.	6.5	5.	1.2	39690.	5.5	21650.	35.
445073	-999.	-999.	38040.	-0.	179.	207800.	37.	-67.	7.7	61.	2.8	3.	.7	21950.	2.2	11600.	22.
445074	-999.	-999.	29840.	-0.	387.	178400.	25.	-50.	4.5	62.	2.5	3.	.5	19190.	2.2	10150.	21.
445075	-999.	-999.	42510.	-0.	319.	172700.	37.	-67.	10.6	65.	3.2	3.	.8	20700.	2.2	9192.	19.
445076	-999.	-999.	41720.	-0.	318.	213100.	31.	-72.	6.8	59.	2.5	3.	.8	22180.	1.8	11540.	21.
445077	-999.	-999.	31640.	-0.	381.	196400.	26.	-58.	7.1	51.	2.4	3.	.7	18830.	2.1	11890.	19.
445078	-999.	-999.	58460.	-0.	795.	15690.	55.	-57.	9.6	105.	5.0	5.	.9	32660.	4.8	21380.	33.
445079	-999.	-999.	36750.	-0.	1043.	133200.	29.	-56.	8.3	62.	3.5	3.	.4	20100.	2.7	13450.	21.
445080	-999.	-999.	41360.	-0.	728.	137300.	27.	-68.	6.9	67.	3.7	4.	.7	21010.	2.7	15490.	21.
445081	-999.	-999.	29220.	-0.	331.	204200.	25.	-63.	5.2	59.	3.3	3.	.7	17110.	1.8	9605.	21.
445082	-999.	-999.	29910.	-0.	391.	165500.	29.	-60.	1.9	71.	3.3	3.	.7	17590.	1.9	10950.	25.
445083	-999.	-999.	40220.	-0.	358.	96710.	36.	-56.	10.3	58.	3.4	3.	.7	25830.	3.7	11360.	22.
445084	-999.	-999.	10820.	-0.	-90.	267600.	14.	-73.	-999.0	29.	1.1	1.	.2	4870.	-.5	-1952.	-5.
445085	-999.	-999.	58520.	-0.	1960.	26290.	53.	-65.	11.1	104.	7.7	4.	1.2	33910.	5.5	23280.	40.
445086	-999.	-999.	58340.	-0.	282.	6101.	70.	-53.	15.7	88.	4.7	5.	1.1	37900.	6.3	17590.	36.
445087	-999.	-999.	60720.	-0.	359.	-681.	56.	-61.	16.5	91.	4.2	5.	1.3	35620.	6.5	18770.	34.
445088	-999.	-999.	64110.	-0.	289.	1411.	59.	-69.	15.4	92.	3.9	5.	1.2	36140.	6.8	18130.	33.
445089	-999.	-999.	72200.	-0.	347.	-697.	67.	-71.	18.4	90.	5.6	5.	1.4	39820.	6.1	20260.	39.
445090	-999.	-999.	67870.	-0.	421.	8571.	76.	-59.	15.6	94.	5.9	5.	1.2	39630.	5.9	19130.	36.
445091	-999.	-999.	62260.	-0.	432.	-637.	59.	-62.	16.6	81.	4.4	5.	1.0	34710.	6.0	14760.	32.
445092	-999.	-999.	85520.	-0.	545.	-1054.	77.	-82.	15.8	113.	9.9	7.	1.5	41150.	6.0	23080.	42.
445093	-999.	-999.	64860.	-0.	278.	-567.	68.	-62.	14.8	102.	5.4	5.	1.2	34760.	7.6	18170.	39.
445094	-999.	-999.	53970.	-0.	331.	-681.	71.	-46.	16.0	112.	6.0	4.	1.1	41610.	6.4	13200.	31.
445095	-999.	-999.	76710.	-0.	500.	3523.	65.	-65.	14.9	100.	12.4	6.	1.4	40050.	4.5	18200.	35.
445096	-999.	[illegible]	72090.	-0.	415.	-925.	71.	-86.	16.8	109.	5.0	6.	1.5	40020.	11.3	17260.	37.
445097	-999.	[illegible]	68900.	-0.	404.	-584.	69.	-52.	20.8	101.	6.9	5.	1.5	44790.	7.6	18750.	38.
445098	-999.	[illegible]	56420.	-0.	406.	-549.	69.	-42.	14.5	99.	5.3	5.	1.1	37530.	6.9	14460.	32.
445099	-999.	[illegible]	63740.	-0.	415.	1958.	63.	-65.	15.4	99.	6.6	5.	1.1	32690.	6.1	17580.	29.
445100	-999.	-999.	57400.	-0.	447.	-753.	60.	-71.	16.2	87.	4.7	5.	1.2	38580.	5.8	14100.	33.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445051	.3	1705.	764.	1579.	46.	-2.	8.8	3.4	-165.	-1.	-1.	6.4	3441.	91.	2.5	82.	2.320
445052	.3	3133.	690.	1679.	-33.	-2.	10.4	3.7	-228.	-1.	-1.	7.5	4419.	103.	3.9	123.	2.208
445053	.3	4060.	561.	2019.	59.	-2.	11.2	4.9	-188.	1.	-1.	8.4	4417.	121.	2.5	102.	2.770
445054	.3	4098.	514.	1880.	48.	-2.	11.7	4.3	-192.	-1.	-1.	8.5	4173.	108.	3.4	-64.	2.571
445055	.5	9490.	869.	5202.	117.	-2.	16.4	5.9	-207.	-1.	-1.	11.3	6446.	139.	4.1	-47.	3.067
445056	.3	7429.	795.	4345.	87.	-3.	14.1	4.7	-267.	-1.	2.	9.0	5284.	140.	3.2	-48.	2.463
445057	.3	4832.	735.	2493.	73.	-2.	12.4	5.2	-211.	1.	-1.	9.9	4572.	126.	3.5	121.	2.717
445058	.3	4982.	653.	2316.	85.	-2.	12.6	5.1	-210.	-1.	-1.	9.0	4329.	120.	3.3	-42.	2.801
445059	.4	5857.	798.	5797.	106.	-2.	16.1	5.1	-196.	-1.	-1.	10.9	5860.	124.	3.6	-41.	3.165
445060	.3	6286.	688.	5673.	71.	-2.	13.7	4.6	-244.	-1.	-1.	9.2	4858.	120.	3.2	144.	2.653
445061	.4	6560.	946.	6495.	101.	-2.	15.2	6.4	-259.	-1.	-1.	10.6	5615.	139.	4.4	85.	2.915
445062	.4	4783.	732.	3596.	80.	-3.	15.7	6.0	-249.	-1.	-1.	13.7	5051.	131.	4.7	-36.	3.472
445063	.4	7799.	979.	6102.	128.	-3.	17.5	5.6	-224.	-1.	-1.	12.0	6008.	138.	3.4	-42.	3.086
445064	.4	5694.	661.	4624.	92.	-2.	13.7	5.4	-217.	-1.	-1.	11.0	6106.	130.	2.6	80.	3.175
445065	.3	4393.	741.	1837.	76.	-3.	12.9	4.3	-244.	-1.	-1.	8.7	4150.	114.	3.8	-70.	2.674
445066	.4	7400.	665.	4740.	94.	-2.	15.2	5.5	-179.	-1.	2.	11.3	5978.	127.	3.4	-41.	3.135
445067	.4	5251.	661.	4811.	85.	-3.	14.0	4.9	-252.	-1.	-1.	9.7	5778.	127.	3.8	-10.	2.849
445068	.3	6495.	514.	4021.	105.	-2.	12.7	4.9	-189.	-1.	-1.	9.2	4333.	120.	3.9	73.	2.604
445069	.3	7299.	348.	3762.	-55.	-4.	15.7	4.6	-235.	-1.	-2.	9.5	5375.	124.	4.9	-64.	2.778
445070	.4	6005.	608.	2802.	71.	-2.	16.0	5.0	-173.	-1.	-1.	11.3	5080.	130.	3.3	94.	2.933
445071	.3	18780.	283.	1754.	64.	-3.	8.6	3.2	-211.	-1.	-1.	5.6	3024.	97.	2.8	193.	1.698
445072	.4	5569.	743.	2503.	96.	-1.	14.8	5.6	-229.	2.	-1.	11.2	4818.	145.	3.6	125.	2.967
445073	.2	10160.	236.	1665.	59.	-2.	8.2	2.7	-164.	-1.	-1.	5.0	1795.	83.	-1.4	157.	1.754
445074	.2	11130.	159.	1870.	51.	-2.	7.0	2.0	342.	-1.	-1.	4.2	2026.	82.	-1.2	97.	1.429
445075	.2	10290.	238.	1769.	69.	-2.	8.4	2.5	223.	-1.	-1.	5.4	2184.	94.	2.4	74.	1.805
445076	.2	8998.	252.	1632.	72.	-2.	8.4	2.9	-144.	-1.	-1.	4.7	2043.	88.	1.8	94.	1.631
445077	.2	11890.	164.	1815.	-28.	-2.	6.9	2.2	346.	-1.	-1.	4.2	2132.	82.	1.5	93.	1.395
445078	.3	8789.	263.	4087.	103.	-2.	13.0	3.1	-141.	-1.	-1.	7.7	4145.	130.	-1.9	-42.	2.315
445079	.2	11570.	134.	2273.	-31.	-2.	7.6	2.1	256.	-1.	-1.	4.5	2213.	93.	2.6	61.	1.289
445080	.2	20040.	134.	2480.	78.	-2.	8.3	3.3	188.	-1.	-1.	4.5	2525.	109.	2.4	166.	1.244
445081	.2	9878.	134.	1392.	-30.	-2.	6.9	2.0	301.	-1.	-1.	3.6	1666.	84.	-1.4	116.	1.029
445082	.2	12040.	182.	1347.	-31.	-2.	7.2	2.2	271.	-1.	-1.	3.7	2050.	81.	2.1	149.	.909
445083	.2	7749.	379.	1992.	54.	-2.	8.5	3.4	-176.	-1.	-1.	5.8	3046.	84.	2.6	-18.	1.848
445084	*****	58530.	73.	739.	-20.	-1.	2.4	1.1	228.	-1.	-999.	1.5	697.	38.	-.8	105.	.586
445085	.4	6604.	160.	3976.	-43.	-3.	13.3	3.9	-169.	-1.	-1.	7.8	3535.	162.	-2.3	-94.	2.075
445086	.3	7753.	551.	4280.	79.	-2.	13.4	4.6	-151.	-1.	1.	9.5	4948.	106.	3.1	-88.	2.793
445087	.3	8099.	532.	4430.	63.	-2.	13.0	4.5	-211.	-1.	-1.	9.3	4918.	114.	3.8	61.	2.584
445088	.3	8036.	575.	4852.	87.	-2.	12.9	4.9	-185.	-1.	-1.	10.0	4717.	114.	3.5	94.	2.817
445089	.4	7143.	501.	5007.	86.	-3.	15.8	5.3	-224.	-1.	-1.	11.7	4648.	129.	3.8	-34.	3.086
445090	.4	6222.	550.	4722.	101.	-2.	15.3	5.3	-167.	-1.	-1.	12.[illegible]	5573.	120.	4.5	-40.	3.236
445091	.4	7531.	468.	4618.	103.	-2.	13.0	3.9	-212.	-1.	-1.	[illegible]	5190.	123.	3.2	53.	2.558
445092	.4	5581.	712.	3697.	94.	-3.	17.3	6.3	-278.	-1.	-1.	13.4	6120.	152.	2.1	76.	3.067
445093	.3	4278.	513.	3896.	90.	-3.	13.3	4.3	-214.	-1.	-1.	10.5	4689.	108.	4.7	-44.	2.633
445094	.3	2975	833.	1389.	79.	-2.	13.4	4.7	-174.	-1.	1.	9.5	4935.	114.	3.6	151.	2.666
445095	.4	5247.	547.	2549.	91.	-3.	[illegible]	5.4	-260.	-1.	-1.	10.7	6060.	140.	2.9	-36.	2.924
445096	.4	7403.	733.	5618.	97.	-2.	14.[illegible]	6.3	-238.	-1.	-1.	10.9	5495.	129.	4.0	149.	2.786
445097	.4	3413.	636.	1626.	101.	-2.	15.5	3.5	-216.	-1.	-1.	11.0	4904.	141.	4.0	-44.	2.611
445098	.3	2944.	629.	1679.	81.	-2.	12.9	5.1	-159.	-1.	1.	9.6	5098.	103.	3.6	-34.	2.725
445099	.3	4172.	834.	2000.	112.	-2.	13.0	4.7	-300.	-1.	-1.	9.5	5656.	118.	4.9	-31.	2.558
445100	.3	5324.	706.	3431.	64.	-2.	12.1	4.9	-216.	-1.	-1.	9.2	5030.	116.	2.8	87.	2.924

PHILIP SMITH MTS STREAM SEDIMENTS

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445101	68.6386	148.6203	8.	63.	12.	3.15	-5.	5.	-5.	49.	-20.	39.	-5.	-10.	-15.
445102	68.6481	148.6889	8.	34.	6.	2.35	-5.	-5.	-5.	34.	-20.	38.	5.	-10.	-15.
445103	68.6336	148.7403	8.	82.	1.	2.40	-5.	-5.	-5.	30.	-20.	46.	-5.	-10.	-15.
445104	68.6558	148.7661	8.	42.	7.	2.74	-5.	-5.	-5.	58.	-20.	44.	8.	-10.	-15.
445105	68.6322	148.8994	8.	49.	8.	2.72	-5.	-5.	-5.	46.	-20.	39.	8.	-10.	-15.
445106	68.6236	148.8925	8.	160.	8.	3.06	-5.	-5.	-5.	29.	-20.	26.	5.	-10.	-15.
445107	68.5825	149.0447	9.	149.	3.	3.50	-5.	-5.	-5.	29.	-20.	21.	9.	-10.	-15.
445109	68.5464	149.1242	8.	73.	11.	2.32	-5.	-5.	-5.	43.	-20.	18.	7.	-10.	-15.
445110	68.5408	149.1119	8.	30.	4.	2.58	-5.	-5.	-5.	27.	-20.	32.	9.	-10.	-15.
445111	68.5317	149.2267	8.	33.	4.	1.63	-5.	-5.	-5.	98.	-20.	42.	-5.	-10.	-15.
445112	68.5353	149.2133	8.	33.	4.	2.06	-5.	-5.	-5.	37.	-20.	-15.	-5.	-10.	-15.
445113	68.5186	149.2183	8.	27.	3.	2.04	-5.	-5.	-5.	37.	-20.	49.	5.	-10.	-15.
445114	68.5175	149.2481	8.	16.	4.	2.15	-5.	-5.	-5.	40.	-20.	33.	-5.	-10.	-15.
445115	68.5167	149.3603	8.	19.	5.	1.94	-5.	-5.	-5.	21.	-20.	27.	-5.	-10.	-15.
445116	68.5122	149.3447	8.	43.	5.	1.90	-5.	-5.	-5.	49.	-20.	43.	-5.	-10.	-15.
445117	68.4989	149.5175	8.	32.	11.	2.59	-5.	-5.	-5.	21.	-20.	32.	11.	-10.	-15.
445118	68.4908	149.5144	8.	195.	11.	2.37	-5.	-5.	-5.	11.	-20.	24.	7.	-10.	-15.
445119	68.4692	149.5650	8.	170.	7.	2.75	-5.	-5.	-5.	12.	-20.	20.	6.	-10.	-15.
445120	68.4647	149.5450	8.	171.	7.	4.57	-5.	-5.	-5.	24.	-20.	27.	5.	-10.	-15.
445121	68.4808	149.6700	9.	158.	8.	3.98	-5.	-5.	-5.	11.	-20.	25.	-5.	-10.	-15.
445122	68.4600	149.6778	8.	212.	6.	3.45	-5.	-5.	-5.	13.	-20.	18.	7.	-10.	-15.
445123	68.4567	149.8053	8.	170.	16.	2.56	-5.	-5.	-5.	12.	-20.	39.	7.	-10.	29.
445124	68.4806	149.7892	8.	151.	3.	2.85	-5.	-5.	-5.	21.	-20.	16.	-5.	-10.	-15.
445125	68.4219	149.9011	8.	224.	3.	2.84	-5.	-5.	-5.	20.	-20.	33.	6.	-10.	-15.
445126	68.4294	149.9733	8.	85.	14.	3.63	-5.	-5.	-5.	28.	-20.	40.	16.	-10.	-15.
445127	68.3758	149.9453	9.	168.	6.	2.07	-5.	-5.	-5.	10.	-20.	27.	-5.	-10.	-15.
445128	68.3522	149.9867	9.	197.	6.	2.46	-5.	-5.	-5.	15.	-20.	30.	-5.	-10.	-15.
445129	68.3569	149.9931	8.	204.	6.	2.51	-5.	-5.	-5.	16.	-20.	20.	-5.	-10.	-15.
445130	68.3264	149.9956	8.	218.	18.	2.91	-5.	-5.	-5.	19.	-20.	33.	-5.	-10.	-15.
445131	68.2947	149.9850	8.	325.	20.	3.34	-5.	-5.	-5.	30.	-20.	24.	-5.	-10.	-15.
445132	68.3025	149.9311	9.	65.	9.	3.30	-5.	7.	-5.	21.	-20.	29.	13.	-10.	-15.
445133	68.2514	149.8950	8.	363.	7.	2.87	-5.	-5.	-5.	38.	-20.	29.	7.	-10.	-15.
445134	68.2494	149.8372	9.	210.	10.	2.94	-5.	-5.	-5.	31.	-20.	34.	11.	-10.	-15.
445135	68.2544	149.8403	9.	239.	10.	3.17	-5.	-5.	-5.	42.	-20.	42.	13.	-10.	-15.
445136	68.1228	149.7356	8.	183.	7.	3.16	-5.	-5.	-5.	41.	-20.	29.	15.	-10.	15.
445137	68.1292	149.7494	9.	41.	15.	3.39	-5.	-5.	-5.	27.	-20.	43.	12.	-10.	-15.
445138	68.1372	149.6544	8.	324.	13.	3.26	-5.	-5.	-5.	31.	-20.	25.	13.	-10.	-15.
445139	68.1506	149.7219	9.	113.	15.	4.13	-5.	-5.	-5.	48.	-20.	28.	21.	-10.	-15.
445140	68.1472	149.7150	8.	85.	15.	3.49	-5.	-5.	-5.	40.	-20.	41.	17.	-10.	-15.
445141	68.1672	149.6997	8.	114.	3.	3.18	-5.	-5.	-5.	43.	-20.	26.	19.	-10.	-15.
445142	68.1625	149.6706	8.	268.	7.	3.58	-5.	-5.	-5.	23.	-20.	28.	12.	-10.	-15.
445143	68.1969	149.6678	8.	174.	-999.	3.48	-5.	-5.	-5.	23.	-20.	35.	8.	-10.	-15.
445144	68.2333	149.6700	9.	139.	15.	2.96	-5.	-5.	-5.	36.	-20.	61.	20.	-10.	-15.
445[illegible]	68.2372	149.6469	8.	232.	11.	3.69	-5.	-5.	-5.	58.	-20.	53.	19.	-10.	-15.
445146	68.2308	149.6069	8.	106.	11.	3.37	-5.	-5.	-5.	40.	-20.	-15.	9.	-10.	-15.
445147	68.2325	149.5925	8.	22[illegible]	9.	3.28	-5.	-5.	-5.	31.	-20.	36.	8.	-10.	-15.
445148	68.2456	149.5200	8.	308.	7.	3.54	-5.	-5.	-5.	26.	-20.	52.	15.	-10.	-15.
445149	68.2506	149.4917	9.	213.	3.	3.63	-5.	-5.	-5.	35.	-20.	36.	16.	-10.	-15.
445150	68.2664	149.5278	9.	80.	3.	3.09	-5.	-5.	-5.	34.	-20.	28.	-5.	-10.	-15.
445151	68.2686	149.4844	9.	68.	-999.	2.35	-5.	-5.	-5.	19.	-20.	-15.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445101	-999.	-999.	62860.	-0.	579.	10410.	63.	-126.	15.7	98.	4.4	6.	1.6	38440.	4.8	12900.	35.
445102	-999.	-999.	59850.	-0.	1134.	5619.	43.	-112.	13.5	131.	3.2	5.	1.5	45400.	4.4	9738.	26.
445103	-999.	-999.	60850.	-0.	823.	5234.	43.	-116.	15.7	94.	3.7	5.	1.1	41210.	3.8	13270.	23.
445104	-999.	-999.	60690.	-0.	1152.	13960.	44.	-127.	13.6	118.	3.5	5.	1.4	38580.	5.1	16670.	23.
445105	-999.	-999.	60290.	-0.	759.	8973.	50.	-119.	16.6	113.	3.4	5.	1.6	40790.	5.2	10030.	-10.
445106	-999.	-999.	36860.	-0.	827.	118300.	38.	-70.	6.8	74.	2.4	3.	.9	24940.	3.6	10780.	20.
445107	-999.	-999.	49010.	-0.	459.	35110.	49.	-77.	12.2	80.	4.3	4.	.9	26420.	4.4	12290.	28.
445109	-999.	-999.	58540.	-0.	804.	6593.	47.	-114.	14.5	110.	-2.2	5.	1.4	34480.	6.2	11010.	19.
445110	-999.	-999.	48660.	0.	668.	8230.	36.	-85.	12.1	100.	3.8	4.	1.1	38040.	4.6	12160.	26.
445111	-999.	-999.	22410.	-0.	-1342.	-8473.	73.	-696.	81.7	42.	-4.7	-8.	2.2	29600.	-3.3	-34200.	-28.
445112	-999.	-999.	49830.	-0.	-474.	-3751.	38.	-302.	28.2	100.	3.5	7.	1.4	91230.	-1.4	-14950.	-13.
445113	-999.	-999.	58170.	-0.	1350.	8855.	33.	-113.	17.8	162.	4.1	4.	1.4	42810.	4.4	11560.	24.
445114	-999.	-999.	58750.	-0.	1454.	9004.	34.	-131.	20.6	142.	-2.3	5.	1.4	42720.	3.8	11860.	21.
445115	-999.	-999.	60120.	-0.	1110.	7586.	36.	-154.	23.2	220.	1.8	5.	.8	47490.	5.3	11430.	19.
445116	-999.	-999.	62220.	-0.	1345.	12780.	45.	-136.	22.3	181.	-2.5	4.	1.5	46190.	3.7	14130.	20.
445117	-999.	-999.	38320.	-0.	396.	14090.	54.	-73.	15.0	90.	2.9	4.	.8	34840.	6.0	6800.	25.
445118	-999.	-999.	24370.	-0.	-113.	128000.	27.	-61.	5.3	42.	2.1	3.	.6	16620.	2.4	5962.	18.
445119	-999.	-999.	29490.	-0.	286.	140300.	29.	-68.	5.2	55.	2.6	3.	.6	19350.	2.8	6852.	18.
445120	-999.	-999.	36890.	-0.	312.	19860.	37.	-63.	8.8	84.	4.9	4.	.8	22230.	3.5	9456.	26.
445121	-999.	-999.	23030.	-0.	293.	191600.	19.	-74.	2.4	58.	1.7	2.	.6	17140.	2.0	4614.	15.
445122	-999.	-999.	39470.	-0.	-151.	59650.	41.	-64.	9.6	73.	3.6	3.	.8	20390.	3.6	8583.	30.
445123	-999.	-999.	42810.	0.	469.	14300.	41.	-101.	8.3	91.	3.7	4.	.9	28140.	5.1	9396.	25.
445124	-999.	-999.	-35430.	-0.	-5601.	-25740.	50.	-1880.	48.1	61.	-3.3	-32.	2.8	[illegible]1400.	-2.3	-999.	-12.
445125	-999.	-999.	43080.	-0.	518.	8112.	43.	-59.	7.[illegible]	89.	4.4	4.	1.1	20340.	5.7	11040.	30.
445126	-999.	-999.	64750.	-0.	506.	11300.	61.	-73.	19.1	92.	5.3	5.	1.3	36020.	5.8	17300.	35.
445127	-999.	-999.	30590.	-0.	255.	30540.	32.	-83.	4.[illegible]	54.	2.5	3.	.7	[illegible]6460.	3.7	7524.	19.
445128	-999.	-999.	27090.	-0.	460.	159800.	27.	-66.	5.8	58.	3.8	3.	.8	[illegible]4330.	2.8	8006.	15.
445129	-999.	-999.	35460.	-0.	389.	95360.	42.	-50.	8.0	57.	3.1	3.	[illegible]	24520.	3.6	11250.	20.
445130	-999.	-999.	40800.	-0.	313.	73110.	42.	-59.	12.1	74.	3.4	4.	.8	[illegible]0.	4.4	9425.	20.
445131	-999.	-999.	60160.	-0.	-277.	-2025.	55.	-154.	14.3	79.	5.2	4.	[illegible]	[illegible]800.	5.5	18680.	34.
445132	-999.	-999.	51350.	-0.	262.	2934.	61.	-55.	[illegible]	125.	4.9	4.	[illegible]	[illegible]	9.7	12710.	31.
445133	-999.	-999.	56890.	-0.	479.	74260.	55.	-51.	12.3	97.	5.1	4.	1.0	40370.	5.7	13940.	30.
445134	-999.	-999.	57360.	-0.	411.	67380.	44.	-60.	15.9	108.	4.7	5.	1.2	37990.	4.8	14550.	29.
445135	-999.	-999.	54390.	-0.	-101.	2241.	54.	-62.	15.5	106.	3.4	5.	1.0	38810.	6.3	15390.	26.
445136	-999.	-999.	51340.	-0.	365.	2645.	62.	-54.	18.4	92.	4.6	4.	1.2	37590.	7.4	15630.	34.
445137	-999.	-999.	54250.	-0.	473.	3085.	64.	-47.	18.7	112.	3.2	4.	1.1	39580.	8.0	16460.	34.
445138	-999.	-999.	56600.	-0.	546.	2180.	53.	-62.	16.3	89.	4.5	5.	1.2	34270.	5.8	12310.	31.
445139	-999.	-999.	60950.	-0.	436.	-601.	64.	-53.	20.1	105.	5.3	6.	1.4	37300.	10.8	15400.	32.
445140	-999.	-999.	60700.	-0.	300.	2210.	67.	-51.	22.9	85.	5.9	4.	1.2	40870.	7.3	13880.	37.
445141	-999.	-999.	50050.	-0.	311.	2896.	67.	-43.	16.0	97.	4.3	4.	1.1	37760.	7.6	11240.	32.
445142	-999.	-999.	61080.	-0.	491.	-631.	61.	-59.	19.1	107.	4.9	5.	1.2	36080.	6.6	14770.	31.
445143	-999.	-999.	58230.	-0.	403.	-665.	60.	-52.	17.9	88.	4.1	5.	1.1	37650.	6.5	12590.	29.
445144	-999.	-999.	81480.	-0.	440.	43050.	74.	-65.	23.9	110.	6.1	6.	1.3	50530.	5.0	20610.	40.
445145	-999.	-999.	83330.	-0.	658.	7817.	81.	-63.	22.3	123.	8.5	6.	1.3	52940.	6.0	18940.	33.
445146	-999.	-999.	55780.	-0.	479.	-576.	59.	-50.	16.8	85.	4.9	4.	1.0	35520.	4.5	11250.	27.
445147	-999.	-999.	59000.	-0.	333.	2498.	60.	-54.	18.0	97.	4.0	5.	1.2	35840.	6.8	13860.	28.
445148	-999.	-999.	75230.	-0.	387.	-758.	77.	-64.	23.0	111.	6.7	4.	1.4	46330.	6.3	14610.	38.
445149	-999.	-999.	72790.	-0.	550.	2324.	78.	-58.	19.4	124.	7.1	6.	1.2	43820.	6.8	20260.	39.
445150	-999.	-999.	49340.	-0.	349.	1737.	48.	-41.	1[illegible].3	88.	3.8	4.	.9	28190.	6.8	14600.	26.
445151	-999.	-999.	38720.	-0.	249.	1772.	42.	-42.	6.2	79.	2.7	4.	.9	21340.	5.2	9082.	21.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	PB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445101	.4	6069.	1054.	6938.	-64.	-4.	17.6	6.4	-418.	-2.	-2.	7.8	3559.	147.	3.6	236.	2.475
445102	.3	10820.	1139.	12490.	-44.	-3.	17.1	3.5	-290.	-2.	-1.	5.5	4608.	164.	-2.2	139.	2.342
445103	.3	11140.	756.	12430.	-48.	-3.	14.8	3.1	-331.	-1.	-1.	5.0	4142.	164.	2.9	139.	2.083
445104	.4	8429.	652.	10360.	82.	-3.	16.1	4.6	-322.	-1.	-1.	5.9	4251.	167.	3.9	-121.	2.155
445105	.4	9224.	618.	10980.	92.	-4.	15.5	3.2	-324.	-2.	-1.	7.2	4631.	153.	4.0	-60.	2.646
445106	.2	15380.	459.	5789.	-28.	-2.	9.4	2.7	-159.	-1.	-1.	3.7	2628.	106.	2.2	98.	1.209
445107	.3	7008.	288.	3415.	-47.	-3.	10.9	3.3	-236.	-1.	-1.	7.3	3793.	107.	3.9	-54.	2.088
445109	.2	6788.	430.	13390.	-46.	-3.	14.6	3.4	-272.	-2.	-1.	5.4	4781.	146.	-2.8	71.	2.326
445110	.3	5215.	892.	6188.	-42.	-3.	12.6	3.8	-249.	-1.	1.	6.2	4054.	113.	3.4	110.	2.404
445111	.4	-14210.	15450.	3685.	-119.	-7.	14.7	6.9	-999.	-5.	-2.	-3.0	-6308.	-72.	-5.2	-149.	-999.000
445112	.4	-5645.	5675.	7208.	-69.	-4.	15.6	5.5	-965.	-2.	-1.	5.7	-2264.	135.	3.4	128.	2.770
445113	.4	9433.	1070.	13740.	-43.	-3.	17.9	3.2	-275.	-1.	-1.	3.7	5120.	156.	-2.0	201.	1.815
445114	.3	9009.	1105.	12550.	-52.	-3.	18.0	3.0	-405.	-1.	-1.	3.7	5227.	176.	-2.1	-62.	1.721
445115	.3	7989.	1719.	13450.	-39.	-2.	16.6	3.5	-400.	-1.	-1.	3.8	4720.	169.	3.0	162.	1.957
445116	.3	10190.	1062.	14760.	-53.	-3.	20.2	3.1	-366.	-2.	-1.	3.8	4893.	185.	-2.1	116.	2.000
445117	.3	6326.	1358.	2333.	-33.	-2.	9.5	3.2	-267.	-1.	-1.	6.4	3972.	80.	2.8	82.	2.469
445118	.1	26600.	314.	1187.	-29.	-1.	5.3	1.6	256.	-1.	-1.	3.3	2252.	60.	-1.2	136.	1.393
445119	.2	35760.	229.	1236.	50.	-1.	6.3	2.8	-160.	-1.	-1.	4.2	2045.	71.	1.9	81.	1.527
445120	.2	4850.	412.	1480.	-44.	-2.	8.6	4.6	-248.	-1.	-1.	5.4	2360.	88.	2.9	215.	1.182
445121	.1	8729.	401.	3246.	-29.	-1.	5.3	1.7	-166.	-1.	-1.	3.6	2166.	49.	-1.2	108.	.904
445122	.3	29180.	182.	1901.	-43.	-2.	8.6	2.9	-216.	-1.	-1.	5.5	2655.	94.	2.9	200.	1.595
445123	.3	5458.	1165.	2693.	-38.	-2.	9.0	3.9	-358.	-1.	-1.	6.4	3299.	96.	2.8	124.	2.500
445124	-.2	-47840.	40370.	2525.	-88.	-4.	9.3	2.0	-999.	-3.	-2.	5.9	-999.	-267.	-3.2	278.	2.070
445125	.2	5692.	345.	3453.	-36.	-2.	10.3	3.3	-174.	-1.	-1.	6.4	3648.	96.	-1.5	-44.	2.252
445126	.4	7953.	664.	3404.	81.	-3.	13.6	3.9	-293.	-2.	-1.	9.5	5217.	128.	2.8	-110.	2.618
445127	.2	9132.	981.	1916.	-28.	-1.	6.3	2.7	-295.	-1.	-1.	5.3	2602.	56.	2.2	43.	2.558
445128	.2	26330.	247.	1700.	-31.	-2.	6.9	2.2	-177.	-1.	-1.	3.8	2121.	66.	-1.6	-28.	1.546
445129	.2	18910.	324.	2522.	62.	-1.	7.9	3.1	-128.	-1.	1.	5.2	2605.	67.	2.1	85.	2.070
445130	.2	14170.	316.	2569.	-32.	-2.	8.6	2.9	-188.	-1.	-1.	6.0	3459.	83.	2.0	138.	2.062
445131	.3	-3160.	2993.	2263.	-58.	-2.	12.7	4.7	-557.	-1.	-1.	9.1	3729.	114.	3.4	93.	2.725
445132	.3	3353.	624.	2094.	66.	-2.	12.5	4.2	-217.	-1.	-1.	8.3	3644.	109.	3.2	-86.	2.513
445133	.3	15740.	568.	1653.	98.	-2.	14.0	4.1	-155.	-1.	1.	8.1	3448.	117.	4.3	97.	2.825
445134	.2	13380.	618.	1691.	100.	-2.	12.8	3.5	-228.	-1.	-1.	7.5	3272.	117.	3.4	79.	2.551
445135	.3	4070.	577.	2773.	74.	-1.	12.1	4.7	-189.	-1.	-1.	8.0	4465.	103.	3.5	92.	2.525
445136	.3	3891.	678.	2327.	76.	-2.	12.3	4.9	-215.	-1.	-1.	8.6	4011.	112.	3.4	-33.	2.725
445137	.3	6694.	623.	2528.	68.	-2.	13.2	4.5	-156.	-1.	1.	9.4	4597.	118.	3.0	129.	2.770
445138	.3	4575.	748.	3219.	96.	2.	12.3	4.3	-249.	-1.	-1.	8.8	5044.	112.	2.6	112.	2.703
445139	.4	2707.	660.	1423.	69.	-2.	14.0	5.6	-196.	-1.	-1.	10.6	5276.	124.	4.0	120.	2.564
445140	.3	3167.	674.	1495.	91.	-2.	14.4	5.3	-216.	-1.	-1.	10.7	4689.	124.	3.2	159.	3.067
445141	.4	3626.	608.	1984.	83.	-2.	12.6	4.3	-149.	-1.	1.	10.6	4498.	103.	2.7	-35.	3.333
445142	.3	5314.	589.	3323.	88.	-2.	13.5	4.2	-228.	-1.	-1.	10.3	5634.	130.	4.5	128.	2.874
445143	.3	2250.	715.	1098.	66.	-1.	13.2	4.7	-199.	-1.	-1.	8.8	4651.	122.	2.5	97.	2.532
445144	.5	8590.	719.	2304.	138.	-3.	18.6	5.0	-245.	-2.	-1.	9.9	4059.	169.	4.4	167.	3.344
445145	.4	7652.	1039.	1952.	90.	-3.	20.4	5.5	-235.	-1.	-1.	11.8	5045.	164.	5.2	-57.	3.040
445146	.3	3037.	769.	1388.	65.	-2.	12.6	3.3	-235.	-1.	-1.	8.5	4662.	122.	3.1	133.	2.525
445147	.3	3270.	661.	1439.	76.	-1.	12.5	5.2	-194.	-1.	-1.	9.1	4680.	119.	2.9	101.	2.778
445148	.3	5615.	940.	2141.	98.	-2.	17.2	6.0	-269.	-1.	-1.	10.0	4636.	132.	4.5	181.	2.825
445149	.4	6188.	894.	2759.	103.	-2.	17.5	6.0	-206.	-1.	-1.	10.3	5902.	142.	3.7	-43.	2.841
445150	.2	3356.	378.	1490.	62.	-2.	9.6	3.6	-180.	-1.	-1.	7.2	4642.	99.	2.7	142.	2.531
445151	.2	2333.	211.	1431.	53.	-1.	7.0	3.4	-127.	-1.	-1.	6.3	3263.	78.	2.3	56.	2.681

PHILIP SMITH MTS STREAM SEDIMENTS

PG. ONE - SAMPLE SET B

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445152	68.3008	149.4011	8.	79.	11.	3.45	-5.	-5.	-5.	48.	-20.	27.	7.	-10.	-15.
445153	68.2897	149.3772	8.	242.	11.	3.38	-5.	-5.	-5.	33.	-20.	28.	9.	-10.	-15.
445154	68.3208	149.5028	9.	116.	11.	3.79	-5.	-5.	-5.	47.	-20.	29.	-5.	-10.	-15.
445155	68.3161	149.5028	9.	197.	-999.	3.81	-5.	-5.	-5.	42.	-20.	40.	-5.	-10.	-15.
445156	68.3283	149.3844	8.	102.	9.	3.41	-5.	-5.	-5.	23.	-20.	38.	11.	-10.	-15.
445157	68.3386	149.4000	8.	103.	9.	3.73	-5.	-5.	-5.	27.	-20.	38.	5.	-10.	-15.
445158	68.3750	149.3253	8.	120.	3.	3.27	-5.	-5.	-5.	45.	-20.	19.	15.	-10.	-15.
445159	68.3764	149.3647	8.	194.	3.	3.92	-5.	-5.	-5.	37.	-20.	47.	12.	-10.	-15.
445160	68.4053	149.3956	8.	212.	3.	2.89	-5.	-5.	-5.	35.	-20.	34.	6.	-10.	-15.
445161	68.4131	149.3208	8.	134.	15.	2.84	-5.	-5.	-5.	26.	-20.	25.	6.	-10.	-15.
445162	68.3894	149.5475	9.	77.	15.	3.77	-5.	-5.	-5.	49.	-20.	37.	16.	-10.	15.
445163	68.3822	149.5219	8.	171.	15.	2.30	-5.	-5.	-5.	-10.	-20.	19.	-5.	-10.	-15.
445164	68.3903	149.5086	8.	149.	-999.	2.97	-5.	-5.	-5.	26.	-20.	-15.	-5.	-10.	-15.
445165	68.7661	148.3775	8.	185.	7.	3.03	-5.	5.	-5.	15.	-20.	41.	-5.	-10.	-15.
445166	68.7753	148.3636	8.	219.	8.	2.06	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445167	68.7903	148.3517	8.	367.	8.	2.75	-5.	-5.	-5.	10.	-20.	27.	-5.	-10.	-15.
445168	68.8189	148.3778	8.	212.	8.	2.92	-5.	-5.	-5.	23.	-20.	27.	-5.	-10.	-15.
445169	68.8364	148.3428	8.	94.	8.	3.24	-5.	-5.	-5.	36.	-20.	51.	6.	-10.	-15.
445170	68.8269	148.3069	8.	228.	8.	2.32	-5.	-5.	-5.	16.	-20.	22.	-5.	-10.	-15.
445171	68.9231	148.2558	8.	255.	8.	2.78	-5.	-5.	-5.	-10.	-20.	19.	-5.	-10.	-15.
445172	68.8392	148.1942	8.	223.	8.	2.81	-5.	-5.	-5.	17.	-20.	31.	-5.	-10.	-15.
445173	68.8475	148.1178	8.	255.	8.	2.96	-5.	-5.	-5.	40.	-20.	35.	8.	-10.	-15.
445174	68.8394	148.1197	8.	184.	8.	2.57	-5.	-5.	-5.	10.	-20.	23.	6.	-10.	-15.
445175	68.8653	148.0389	8.	176.	8.	3.80	-5.	-5.	-5.	33.	-20.	45.	-5.	-10.	-15.
445176	68.8647	147.9939	8.	152.	10.	4.62	-5.	-5.	-5.	34.	-20.	64.	13.	-10.	-15.
445177	68.8497	148.0186	8.	289.	8.	3.47	-5.	-5.	-5.	46.	-20.	60.	-5.	-10.	-15.
445178	68.8319	147.9394	-999.	-999.	8.	2.03	-5.	5.	-5.	-10.	-20.	-15.	5.	-10.	-15.
445179	68.8047	147.9128	8.	126.	8.	1.98	-5.	-5.	-5.	20.	-20.	26.	-5.	-10.	-15.
445180	68.8086	147.9331	8.	107.	8.	1.85	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445181	68.8692	147.8336	8.	165.	8.	2.58	-5.	-5.	-5.	15.	-20.	22.	-5.	-10.	-15.
445182	68.8669	147.8536	8.	95.	6.	3.32	-5.	-5.	-5.	22.	-20.	47.	8.	-10.	-15.
445183	68.8608	147.7267	8.	118.	3.	2.12	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445184	68.8044	147.7214	8.	234.	6.	3.68	-5.	-5.	-5.	32.	-20.	68.	-5.	-10.	-15.
445185	68.8803	147.6933	8.	207.	8.	2.88	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445186	68.8867	147.6958	8.	215.	9.	2.47	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	16.
445187	68.8903	147.6075	8.	217.	9.	3.57	-5.	-5.	-5.	40.	-20.	52.	-5.	-10.	-15.
445188	68.8783	147.5667	-999.	-999.	3.	2.16	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445189	68.8561	147.5275	8.	109.	4.	2.75	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445190	68.8492	147.5386	8.	106.	-999.	2.43	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
445191	68.8600	147.6128	8.	99.	15.	2.15	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445192	68.8650	147.5886	8.	124.	-999.	2.29	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445193	68.8028	147.7008	-999.	-999.	3.	2.15	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445194	68.9133	147.6942	-999.	-999.	6.	2.02	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445195	68.8208	147.7631	-999.	-999.	6.	1.99	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	31.
445196	68.8078	147.7539	8.	151.	4.	2.10	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445197	68.7928	147.8642	8.	130.	5.	1.94	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445198	68.7819	147.8586	8.	147.	8.	2.55	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445199	68.7764	147.8694	8.	164.	3.	1.99	-5.	-5.	-5.	13.	-20.	-15.	-5.	-10.	27.
445200	68.7686	147.8944	8.	129.	3.	2.32	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445201	68.2464	148.8264	8.	125.	10.	3.48	-5.	-5.	-5.	30.	-20.	46.	9.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445152	-999.	-999.	53720.	-0.	210.	-638.	58.	-53.	14.3	82.	4.0	4.	1.0	34880.	6.3	13310.	30.
445153	-999.	-999.	61860.	-0.	630.	10540.	77.	-52.	16.8	116.	4.7	5.	1.2	39410.	6.2	18340.	29.
445154	-999.	-999.	57250.	-0.	311.	-623.	54.	-51.	17.7	96.	5.5	4.	.9	40300.	5.3	17890.	26.
445155	-999.	-999.	62680.	-0.	379.	-683.	66.	-66.	15.4	98.	4.7	6.	1.3	37900.	7.9	17720.	36.
445156	-999.	-999.	58390.	-0.	265.	1876.	62.	-76.	16.6	104.	4.8	5.	1.0	38800.	7.3	18390.	28.
445157	-999.	-999.	60190.	-0.	412.	-612.	70.	-50.	12.1	108.	4.8	5.	1.1	48470.	5.9	18140.	34.
445158	-999.	-999.	54270.	-0.	494.	44150.	47.	-48.	14.6	76.	4.4	5.	1.0	33040.	4.5	12790.	30.
445159	-999.	-999.	70240.	-0.	650.	3521.	65.	-61.	17.2	115.	6.5	6.	1.4	43380.	6.3	14600.	30.
445160	-999.	-999.	71120.	-0.	339.	37210.	63.	68.	15.5	116.	6.9	5.	1.2	37130.	4.2	19990.	35.
445161	-999.	-999.	48230.	-0.	382.	86460.	50.	-55.	9.6	77.	4.4	5.	.9	32010.	4.8	10820.	28.
445162	-999.	-999.	60540.	-0.	406.	19820.	57.	-57.	16.4	114.	4.8	5.	1.2	39370.	9.2	15350.	31.
445163	-999.	-999.	31320.	-0.	173.	175300.	25.	-56.	7.9	55.	2.7	2.	.5	20920.	1.5	8110.	18.
445164	-999.	-999.	38400.	-0.	332.	110600.	35.	-58.	9.9	67.	3.0	4.	.8	27440.	4.0	8289.	30.
445165	-999.	-999.	55700.	-0.	595.	14470.	37.	-80.	13.8	80.	5.2	4.	1.1	39410.	4.7	20170.	30.
445166	-999.	-999.	10020.	-0.	88.	267700.	7.	-58.	2.5	24.	-.9	1.	.2	7102.	1.1	4128.	-5.
445167	-999.	-999.	29960.	-0.	298.	194800.	38.	-73.	5.2	58.	2.5	3.	.7	17580.	2.2	10200.	23.
445168	-999.	-999.	35920.	-0.	377.	174800.	50.	-82.	10.3	64.	3.4	3.	1.0	24000.	2.5	9174.	22.
445169	-999.	-999.	70890.	-0.	1400.	5051.	68.	-104.	23.6	84.	5.5	4.	1.1	48890.	4.5	22640.	43.
445170	-999.	-999.	35100.	-0.	353.	157400.	34.	-85.	4.6	57.	2.6	3.	.7	20820.	2.2	9440.	24.
445171	-999.	-999.	45600.	-0.	467.	93980.	50.	-86.	5.4	72.	4.5	4.	1.0	29490.	3.3	13740.	28.
445172	-999.	-999.	33860.	-0.	380.	128300.	36.	-72.	7.8	59.	2.4	3.	.6	20750.	2.5	10400.	22.
445173	-999.	-999.	48290.	0.	510.	90250.	39.	-90.	10.0	84.	4.2	4.	.8	24190.	2.8	13350.	25.
445174	-999.	-999.	36100.	-0.	287.	54840.	38.	-59.	6.4	57.	3.0	4.	.9	21460.	4.0	10700.	27.
445175	-999.	-999.	55840.	-0.	670.	8767.	47.	-88.	18.6	96.	4.3	5.	1.3	37010.	4.8	15910.	34.
445176	-999.	-999.	66380.	-0.	824.	8635.	68.	-129.	26.1	96.	6.3	6.	1.5	37840.	6.1	20940.	39.
445177	-999.	-999.	47020.	-0.	403.	82150.	55.	-120.	55.1	88.	4.0	5.	1.3	35980.	4.0	12390.	28.
445178	-999.	-999.	3200.	-0.	-72.	294400.	-3.	-54.	-.6	14.	-.6	1.	.2	2610.	-.5	-1336.	8.
445179	-999.	-999.	7686.	-0.	-83.	288300.	-3.	-77.	-999.0	24.	-.8	1.	-.2	3833.	-.6	3058.	-6.
445180	-999.	-999.	3866.	-0.	-80.	341600.	-4.	-65.	-999.0	11.	-.8	-1.	.2	3570.	-.7	-1548.	-5.
445181	-999.	-999.	19010.	-0.	188.	153000.	27.	119.	5.5	48.	-1.5	3.	.4	11800.	1.5	5505.	-9.
445182	-999.	-999.	63610.	-0.	691.	24950.	56.	-100.	11.8	101.	4.6	7.	1.4	32260.	4.1	15520.	34.
445183	-999.	-999.	3989.	-0.	-79.	281200.	-4.	-62.	-999.0	15.	-.9	-1.	-.2	3768.	-.7	-1489.	-5.
445184	-999.	-999.	35060.	-0.	435.	137700.	32.	-118.	43.7	48.	3.0	4.	1.0	24970.	2.8	10790.	22.
445185	-999.	-999.	16130.	-0.	-103.	244600.	14.	-84.	10.0	31.	1.4	2.	.5	12900.	1.2	3772.	12.
445186	-999.	-999.	8053.	-0.	-80.	290800.	11.	-62.	2.1	24.	-.9	1.	-.2	7381.	-.6	2046.	10.
445187	-999.	-999.	30210.	-0.	352.	138300.	31.	-76.	19.8	61.	3.2	4.	.8	27410.	1.8	9079.	24.
445188	-999.	-999.	2152.	-0.	-64.	302300.	-2.	-60.	-999.0	9.	-.5	-1.	-.1	1265.	-.3	-1404.	9.
445189	-999.	-999.	3273.	-0.	-77.	306900.	-3.	-61.	-.2	14.	-.7	1.	.2	3150.	-.6	-1424.	-4.
445190	-999.	-999.	5081.	-0.	-94.	257200.	-4.	-62.	1.6	16.	-.9	1.	-.2	4044.	-.7	1954.	-6.
445191	-999.	-999.	2880.	-0.	-66.	311000.	-2.	-61.	-999.0	12.	-.5	1.	.1	2211.	-.4	-1440.	-4.
445192	-999.	-999.	2280.	-0.	-71.	309200.	-3.	-57.	-999.0	12.	-.7	-1.	-.2	2244.	-.5	-1350.	-4.
445193	-999.	-999.	2429.	-0.	-73.	319900.	-3.	-55.	-.7	12.	-.6	1.	-.2	2460.	-.5	-1254.	8.
445194	-999.	-999.	3628.	-0.	-65.	327100.	-2.	-66.	-999.0	14.	-.5	1.	.1	2287.	-.4	-1491.	6.
445195	-999.	-999.	3327.	-0.	-68.	334500.	-3.	-57.	-999.0	13.	-.7	-1.	-.2	2517.	-.5	-1352.	9.
445196	-999.	-999.	3595.	-0.	-81.	303500.	-3.	-58.	1.0	13.	-.7	1.	.2	2381.	-.6	-1355.	10.
445197	-999.	-999.	11990.	-0.	-66.	252900.	30.	-61.	.8	28.	1.6	2.	.4	9179.	.6	4162.	25.
445198	-999.	-999.	2745.	-0.	-74.	290000.	-3.	-55.	-999.0	15.	-.7	-1.	-.2	1531.	-.6	-1311.	-4.
445199	-999.	-999.	3911.	-0.	-68.	319300.	-2.	-62.	-999.0	13.	-.5	1.	-.1	2337.	-.4	-1441.	9.
445200	-999.	-999.	15220.	-0.	-74.	223800.	27.	-56.	1.1	46.	2.1	2.	.4	10560.	1.0	4392.	25.
445201	-999.	-999.	58930.	-0.	348.	-656.	76.	-60.	16.9	104.	4.1	5.	1.3	40540.	9.6	17830.	32.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445152	.3	3944.	627.	2010.	-38.	-2.	12.0	3.8	-214.	-1.	-1.	8.2	4401.	110.	3.9	-67.	2.375
445153	.4	4983.	680.	2673.	86.	-2.	14.7	5.6	-174.	-1.	-1.	9.7	5415.	122.	3.5	-39.	2.874
445154	.3	4087.	700.	1747.	75.	-2.	13.1	3.8	-225.	-1.	-1.	9.2	4418.	118.	4.1	65.	2.427
445155	.3	4125.	548.	3187.	88.	-2.	14.0	5.5	-196.	1.	-1.	10.7	5365.	124.	3.5	121.	2.809
445156	.3	4605.	1186.	2975.	78.	-2.	13.0	5.2	-294.	-1.	-1.	9.7	4207.	111.	4.1	-96.	2.841
445157	.4	5042.	566.	2331.	94.	-2.	14.0	4.8	-167.	-1.	-1.	11.3	5649.	123.	4.6	-43.	3.030
445158	.3	6565.	441.	1309.	89.	-2.	12.1	3.4	-193.	-1.	1.	7.7	4296.	127.	2.5	117.	2.353
445159	.3	4384.	780.	1464.	111.	-2.	15.9	5.5	-238.	-1.	-1.	9.6	5439.	150.	3.1	64.	2.451
445160	.3	7570.	457.	2130.	-64.	-4.	16.5	4.4	-313.	-2.	-2.	9.7	4996.	156.	-2.8	216.	3.356
445161	.3	5351.	446.	1674.	-32.	-2.	11.4	3.9	-161.	-1.	-1.	6.8	3409.	103.	2.8	127.	2.392
445162	.3	7319.	634.	1717.	87.	2.	14.1	5.2	-195.	1.	-1.	9.6	4887.	123.	2.7	72.	2.545
445163	.2	19100.	276.	886.	-32.	-2.	6.9	1.9	438.	-1.	-1.	4.2	1737.	70.	-1.5	-35.	1.825
445164	.2	12220.	447.	589.	-27.	-2.	8.6	3.5	-162.	-1.	-1.	5.5	2815.	97.	2.4	-76.	1.852
445165	.4	10020.	529.	4300.	112.	-3.	11.1	4.0	-267.	-2.	-1.	7.4	3316.	129.	-2.2	-90.	2.445
445166	-.1	11460.	90.	623.	-25.	-1.	2.1	.8	546.	-1.	-1.	1.6	617.	28.	-1.1	80.	.778
445167	.1	10620.	280.	2028.	-25.	-1.	5.9	3.4	332.	-1.	-999.	4.6	1661.	75.	2.2	89.	1.672
445168	.2	9903.	733.	2752.	-35.	-2.	7.6	3.7	-240.	-1.	-1.	5.8	2013.	108.	-1.6	-95.	1.988
445169	.3	8845.	1471.	4618.	166.	-3.	13.6	4.1	-428.	-2.	-1.	8.9	4326.	143.	3.3	181.	2.747
445170	-.1	8721.	339.	2206.	49.	-2.	6.9	3.3	414.	-1.	-1.	4.6	1992.	84.	2.3	43.	1.984
445171	.3	10200.	573.	3418.	-44.	-3.	9.9	4.8	280.	-2.	-1.	5.7	2912.	109.	2.8	91.	2.049
445172	.2	10120.	358.	2264.	-41.	-2.	6.8	2.6	399.	-1.	-1.	4.2	2042.	84.	-1.8	105.	1.495
445173	.2	9326.	314.	2724.	-41.	-2.	9.2	3.5	-208.	-1.	-1.	5.9	2521.	116.	2.2	151.	1.992
445174	.3	15780.	203.	1997.	-41.	-2.	7.8	3.2	-175.	-2.	-1.	5.8	2107.	84.	2.7	103.	2.257
445175	.3	8905.	989.	3722.	-55.	-3.	11.6	4.6	-357.	-1.	-1.	7.9	3624.	131.	-2.2	158.	2.079
445176	.4	8726.	1903.	5059.	106.	-2.	14.3	6.7	-411.	-1.	-1.	9.0	3922.	171.	4.9	220.	1.949
445177	.4	8491.	1983.	3528.	86.	-3.	10.9	4.4	-422.	-1.	-1.	7.7	1958.	111.	3.8	330.	2.217
445178	-.1	15150.	53.	330.	-19.	-1.	.7	.5	566.	-1.	-999.	-.5	-271.	15.	-.8	29.	-999.000
445179	-.1	14210.	45.	477.	-24.	-1.	1.4	.7	646.	-1.	-999.	.9	-319.	41.	-.9	103.	.455
445180	-.1	9209.	51.	453.	-25.	-1.	.9	-.5	415.	-1.	-999.	-.7	-306.	24.	-1.0	79.	-999.000
445181	-.1	10520.	229.	1385.	-38.	-2.	4.4	1.9	-202.	-2.	-1.	2.5	1577.	49.	-1.7	139.	.969
445182	.3	10550.	629.	4634.	67.	-2.	12.4	5.7	-266.	-1.	-1.	9.0	3815.	135.	3.7	214.	2.710
445183	-.1	18570.	65.	335.	-23.	-1.	1.5	-.5	455.	-1.	-999.	-.7	-313.	18.	-1.0	69.	-999.000
445184	.3	7305.	1903.	2675.	-43.	-2.	7.4	3.2	-436.	-1.	-1.	4.6	2056.	79.	2.7	231.	1.250
445185	.1	18370.	478.	1147.	-22.	-1.	3.4	1.8	458.	-1.	-999.	2.5	959.	44.	1.5	82.	.868
445186	-.1	18280.	132.	549.	-22.	-1.	1.9	.8	453.	-1.	-999.	1.0	-338.	24.	-1.0	89.	.405
445187	.2	13890.	580.	1596.	40.	-2.	6.3	3.0	493.	-1.	-1.	4.2	1616.	79.	-1.7	288.	1.176
445188	*****	31310.	49.	173.	-14.	-1.	.6	-.3	404.	-999.	-999.	-.3	-255.	14.	-.5	-16.	-999.000
445189	-.1	19600.	58.	234.	-22.	-1.	.9	-.5	489.	-1.	-999.	-.6	-304.	17.	-.9	80.	-999.000
445190	-.1	20120.	66.	378.	-25.	-1.	1.3	-.8	501.	-1.	-999.	1.0	-348.	24.	-1.0	72.	.412
445191	*****	23510.	30.	258.	-15.	-1.	.8	.6	629.	-1.	-999.	-.4	-251.	16.	-.5	40.	-999.000
445192	-.1	18350.	41.	230.	-19.	-1.	.7	-.9	563.	-1.	-999.	-.5	-276.	13.	-.8	72.	-999.000
445193	-.1	6084.	39.	345.	-19.	-1.	.8	.5	1040.	-1.	-999.	-.5	-268.	12.	-.8	49.	-999.000
445194	*****	15460.	45.	348.	-15.	-1.	1.0	.7	799.	-1.	-999.	.9	-254.	19.	-.6	48.	.446
445195	-.1	9074.	50.	294.	-19.	-1.	.8	-.4	526.	-1.	-999.	-.5	-270.	16.	-.8	44.	-999.000
445196	-.1	8204.	41.	396.	-21.	-1.	.8	.4	1034.	-1.	-999.	-.5	-286.	15.	-.8	75.	-999.000
445197	.1	10790.	72.	1052.	-18.	-1.	2.7	2.8	967.	-1.	-999.	3.0	-261.	41.	-.6	48.	1.546
445198	-.1	16640.	37.	288.	-19.	-1.	.6	-.5	1019.	-1.	-999.	-.5	-285.	16.	-.8	59.	-999.000
445199	*****	12620.	33.	465.	-15.	-1.	.9	.6	1044.	-1.	-999.	.6	-253.	20.	-.6	54.	.301
445200	-.1	5830.	86.	1159.	-22.	-1.	3.5	2.8	670.	-1.	-1.	3.8	856.	49.	-1.0	127.	1.637
445201	.4	5747.	644.	4947.	82.	-2.	14.1	5.5	-173.	-1.	-1.	9.7	5476.	116.	4.6	-39.	2.786

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445202	68.2039	148.8494	8.	235.	15.	3.31	-5.	-5.	-5.	36.	-20.	52.	10.	-10.	-15.
445203	68.2083	148.8556	8.	285.	15.	3.41	-5.	-5.	-5.	33.	-20.	39.	14.	-10.	-15.
445204	68.1731	148.8606	8.	156.	15.	3.16	-5.	-5.	-5.	41.	-20.	27.	12.	-10.	-15.
445205	68.1756	148.8481	8.	155.	15.	3.58	-5.	-5.	-5.	53.	-20.	53.	34.	-10.	18.
445206	68.1625	148.9069	8.	65.	11.	3.13	-5.	-5.	-5.	48.	-20.	40.	19.	-10.	-15.
445207	68.1633	148.9214	8.	135.	11.	3.16	-5.	-5.	-5.	40.	-20.	41.	15.	-10.	16.
445208	68.1244	148.9717	8.	185.	23.	3.32	-5.	7.	-5.	45.	-20.	41.	13.	-10.	-15.
445209	68.1111	148.9978	8.	104.	23.	4.10	-5.	-5.	-5.	52.	-20.	39.	17.	-10.	-15.
445210	68.1167	148.9711	-999.	-999.	23.	3.36	-5.	5.	-5.	47.	-20.	44.	18.	-10.	-15.
445211	68.0322	149.1800	8.	168.	10.	4.04	-5.	5.	-5.	58.	-20.	50.	18.	-10.	-15.
445212	68.0344	149.1700	8.	154.	-999.	3.72	-5.	5.	-5.	51.	-20.	42.	14.	-10.	-15.
445213	68.0239	149.0811	8.	97.	7.	3.65	-5.	8.	-5.	36.	-20.	39.	14.	-10.	-15.
445214	68.0286	149.0931	8.	150.	-999.	3.65	-5.	-5.	-5.	48.	-20.	47.	28.	-10.	-15.
445215	68.0708	149.0747	8.	127.	8.	3.52	-5.	-5.	-5.	59.	-20.	39.	13.	-10.	-15.
445216	68.0683	149.0533	8.	180.	8.	3.54	-5.	5.	-5.	5[illegible]	-20.	47.	7.	-10.	-15.
445217	68.0739	148.9086	8.	138.	13.	3.44	-5.	-5.	-5.	4[illegible]	-20.	45.	9.	-10.	-15.
445218	68.0731	148.8942	-999.	-999.	13.	3.60	-5.	-5.	-5.	42.	-20.	38.	14.	-10.	-15.
445219	68.0983	149.0211	8.	150.	9.	3.55	-5.	-5.	-5.	36.	-20.	49.	8.	-10.	-15.
445220	68.1169	148.8578	8.	84.	6.	3.63	-5.	6.	-5.	41.	-20.	33.	17.	-10.	-15.
445221	68.1211	148.8622	8.	112.	6.	3.81	-5.	-5.	-5.	44.	-20.	38.	18.	-10.	-15.
445222	68.1450	148.6858	8.	199.	16.	3.24	-5.	-5.	-5.	44.	-20.	29.	11.	-10.	-15.
445223	68.1489	148.6733	8.	299.	16.	3.35	-5.	-5.	-5.	51.	-20.	37.	13.	-10.	-15.
445224	68.1778	148.6500	8.	391.	18.	3.47	-5.	-5.	-5.	37.	-20.	42.	13.	-10.	-15.
445225	68.1817	148.6361	8.	321.	18.	3.21	-5.	-5.	-5.	42.	-20.	43.	16.	-10.	-15.
445226	68.2136	148.6847	8.	147.	12.	3.42	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445227	68.2328	148.6800	8.	168.	12.	3.64	-5.	-5.	-5.	47.	-20.	21.	14.	-10.	-15.
445228	68.2497	148.5617	-999.	-999.	14.	3.22	-5.	-5.	-5.	36.	-20.	29.	17.	-10.	-15.
445229	68.2419	148.5628	-999.	-999.	14.	3.64	-5.	-5.	-5.	58.	-20.	35.	21.	-10.	-15.
445230	68.2611	148.6389	-999.	-999.	4.	3.26	-5.	-5.	-5.	34.	-20.	34.	14.	-10.	-15.
445231	68.3403	148.6153	-999.	-999.	10.	4.25	-5.	7.	-5.	57.	-20.	44.	13.	-10.	-15.
445232	68.3433	148.6292	-999.	-999.	10.	4.43	-5.	6.	-5.	76.	-20.	52.	11.	-10.	-15.
445233	68.3061	148.6314	-999.	-999.	13.	3.82	-5.	-5.	-5.	56.	-20.	38.	11.	-10.	-15.
445234	68.3050	148.6006	-999.	-999.	13.	3.73	-5.	-5.	-5.	42.	-20.	37.	8.	-10.	19.
445235	68.3728	148.5497	-999.	-999.	9.	4.18	-5.	-5.	-5.	65.	-20.	52.	16.	-10.	16.
445236	68.3883	148.5622	-999.	-999.	7.	3.60	-5.	-5.	-5.	61.	-20.	47.	10.	-10.	-15.
445237	68.4047	148.5219	-999.	-999.	14.	4.12	-5.	6.	-5.	57.	-20.	51.	9.	-10.	-15.
445238	68.4097	148.5247	-999.	-999.	14.	3.78	-5.	5.	-5.	49.	-20.	48.	41.	-10.	-15.
445239	68.4278	148.4153	-999.	-999.	12.	4.00	-5.	5.	-5.	55.	-20.	47.	14.	-10.	-15.
445240	68.4303	148.4267	-999.	-999.	12.	3.91	-5.	-5.	-5.	56.	-20.	41.	11.	-10.	17.
445241	68.4664	148.2903	-999.	-999.	6.	4.21	-5.	9.	-5.	61.	-20.	52.	9.	-10.	-15.
445242	68.4683	148.3136	-999.	-999.	6.	4.01	-5.	-5.	-5.	61.	-20.	44.	11.	-10.	-15.
445243	68.8317	147.4281	8.	112.	5.	1.98	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445244	68.8261	147.4244	8.	178.	5.	2.54	-5.	-5.	-5.	17.	-20.	29.	-5.	-10.	-15.
445245	68.8308	147.3497	-999.	-999.	6.	2.80	-5.	-5.	-5.	25.	-20.	36.	6.	-10.	-15.
445246	68.8467	147.3189	8.	85.	5.	2.36	-5.	-5.	-5.	11.	-20.	20.	-5.	-10.	-15.
445247	68.8528	147.3286	-999.	-999.	3.	2.26	-5.	-5.	-5.	12.	-20.	15.	-5.	-10.	-15.
445248	68.8675	147.3658	8.	110.	5.	1.66	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
445249	68.8619	147.3783	8.	98.	3.	2.46	-5.	-5.	-5.	23.	-20.	18.	-5.	-10.	-15.
445250	68.8928	147.4519	8.	100.	3.	2.23	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445251	68.8939	147.4297	8.	118.	3.	2.10	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445202	-999.	-999.	58360.	-0.	555.	-832.	64.	-69.	20.6	102.	5.0	5.	1.2	38150.	6.5	16030.	30.
445203	-999.	-999.	63840.	-0.	491.	3393.	68.	-80.	20.0	112.	4.9	5.	1.3	40200.	6.9	19170.	37.
445204	-999.	-999.	49910.	-0.	361.	1279.	59.	-48.	17.9	80.	5.1	4.	1.1	37740.	6.6	15610.	33.
445205	-999.	-999.	53320.	-0.	509.	-662.	69.	-51.	19.0	103.	5.7	4.	1.2	40990.	7.3	14920.	36.
445206	-999.	-999.	49690.	-0.	420.	1606.	52.	-45.	15.8	77.	6.1	4.	1.1	33170.	6.0	14500.	27.
445207	-999.	-999.	51430.	-0.	386.	2050.	59.	-51.	16.0	91.	5.6	5.	1.2	36070.	7.3	15450.	29.
445208	-999.	-999.	54660.	-0.	393.	2132.	66.	-54.	15.6	91.	5.6	5.	1.2	38580.	8.7	16390.	33.
445209	-999.	-999.	72560.	-0.	562.	-761.	86.	-63.	20.7	105.	10.6	5.	1.3	45310.	7.1	22500.	44.
445210	-999.	-999.	55490.	-0.	508.	-627.	62.	-57.	16.3	84.	5.3	5.	1.1	35200.	6.7	16250.	31.
445211	-999.	-999.	81010.	-0.	479.	-1157.	73.	-96.	18.2	105.	7.6	6.	1.7	50490.	8.9	20430.	42.
445212	-999.	-999.	72250.	-0.	493.	2665.	79.	-71.	19.1	102.	7.8	5.	1.4	43100.	7.8	17840.	38.
445213	-999.	-999.	81510.	-0.	694.	-960.	79.	-84.	14.6	114.	8.0	6.	1.4	46000.	6.2	20630.	38.
445214	-999.	-999.	54810.	-0.	467.	-708.	62.	-61.	22.1	86.	5.9	5.	1.1	32940.	7.9	14930.	37.
445215	-999.	-999.	68780.	-0.	519.	2801.	60.	-76.	16.7	89.	4.6	6.	1.3	41120.	7.7	18750.	30.
445216	-999.	-999.	67190.	-0.	542.	3159.	73.	-71.	19.9	104.	5.5	5.	1.5	43280.	7.6	16700.	36.
445217	-999.	-999.	56200.	-0.	483.	-592.	77.	-49.	14.4	106.	5.4	5.	1.2	39380.	9.5	14800.	31.
445218	-999.	-999.	66350.	-0.	618.	-737.	68.	-66.	17.4	92.	6.9	6.	1.2	38060.	6.2	19850.	42.
445219	-999.	-999.	61970.	-0.	473.	2377.	65.	-67.	17.2	98.	5.0	5.	1.3	36700.	8.8	15510.	34.
445220	-999.	-999.	62400.	-0.	414.	2310.	73.	-54.	18.0	101.	4.8	6.	1.4	33270.	8.8	15600.	38.
445221	-999.	-999.	51730.	-0.	498.	-517.	72.	-38.	14.7	103.	3.6	6.	1.3	33600.	13.4	14470.	30.
445222	-999.	-999.	55610.	-0.	450.	2619.	57.	-59.	15.3	78.	5.3	5.	1.1	33630.	6.9	16490.	35.
445223	-999.	-999.	65300.	-0.	541.	7780.	62.	-74.	15.0	95.	6.2	6.	1.3	38340.	7.8	17210.	34.
445224	-999.	-999.	71990.	-0.	487.	3314.	77.	-68.	20.2	105.	6.0	5.	1.3	45320.	6.8	20590.	43.
445225	-999.	-999.	52970.	-0.	391.	3707.	68.	-52.	14.5	103.	5.3	4.	1.1	39620.	9.5	16220.	33.
445226	-999.	-999.	61860.	-0.	521.	-816.	56.	-63.	17.0	90.	4.5	6.	1.5	37180.	7.6	15420.	35.
445227	-999.	-999.	52810.	-0.	423.	-769.	59.	-62.	17.8	97.	5.0	5.	1.3	36910.	8.9	15510.	35.
445228	-999.	-999.	47600.	-0.	345.	-680.	60.	-54.	19.7	80.	5.3	4.	1.1	36740.	6.3	14830.	39.
445229	-999.	-999.	51090.	-0.	409.	1228.	74.	-42.	21.5	93.	4.5	5.	1.1	40260.	8.2	11550.	34.
445230	-999.	-999.	60380.	-0.	417.	-677.	62.	-65.	17.7	82.	5.9	5.	1.1	36420.	7.5	17160.	32.
445231	-999.	-999.	67600.	-0.	524.	-865.	71.	-63.	21.1	109.	7.8	6.	1.4	41510.	7.5	14810.	40.
445232	-999.	-999.	65770.	-0.	323.	-540.	71.	-47.	21.2	92.	7.9	6.	1.2	45800.	9.0	15700.	39.
445233	-999.	-999.	76310.	-0.	641.	-753.	90.	-71.	20.2	103.	7.1	5.	1.3	47590.	6.7	19770.	41.
445234	-999.	-999.	70000.	-0.	601.	-767.	72.	-75.	18.6	95.	5.9	5.	1.1	39000.	6.7	19940.	39.
445235	-999.	-999.	66260.	-0.	540.	-778.	68.	-67.	20.3	112.	7.8	6.	1.3	40400.	7.6	16810.	33.
445236	-999.	-999.	78630.	-0.	494.	2473.	79.	-74.	18.3	111.	9.4	6.	1.4	41900.	6.7	20350.	35.
445237	-999.	-999.	74760.	-0.	590.	2000.	82.	-60.	16.0	103.	6.4	6.	1.3	43290.	6.5	21070.	37.
445238	-999.	-999.	65340.	-0.	450.	1693.	58.	-67.	18.4	95.	4.9	5.	1.2	38490.	7.1	16020.	28.
445239	-999.	-999.	76970.	-0.	371.	-816.	72.	-64.	16.9	104.	7.1	6.	1.3	40690.	5.7	15810.	40.
445240	-999.	-999.	70110.	-0.	438.	-762.	83.	-65.	21.1	93.	5.3	6.	1.4	45470.	7.6	18440.	39.
445241	-999.	-999.	65330.	-0.	493.	1725.	83.	-44.	20.9	107.	6.6	6.	1.4	40530.	6.4	17820.	39.
445242	-999.	-999.	66000.	-0.	450.	7849.	65.	-59.	17.4	103.	5.3	5.	1.1	40060.	7.1	18970.	37.
445243	-999.	-999.	5040.	-0.	-69.	301900.	-2.	-65.	-999.0	18.	-.5	1.	.2	2682.	.5	3409.	7.
445244	-999.	-999.	9180.	-0.	-81.	245900.	9.	-60.	1.5	29.	-.9	1.	.4	6033.	1.0	3061.	-4.
445245	-999.	-999.	31690.	-0.	480.	119200.	40.	-49.	6.2	77.	3.3	3.	.7	23920.	4.1	11700.	23.
445246	-999.	-999.	10380.	-0.	-90.	255400.	9.	-59.	2.2	22.	1.3	1.	.4	6331.	.9	4163.	-4.
445247	-999.	-999.	2395.	-0.	-66.	320200.	-2.	-61.	-999.0	10.	-.4	1.	.1	1091.	-.3	-1427.	7.
445248	-999.	-999.	3203.	-0.	-58.	194900.	3.	-47.	-999.0	16.	-.7	1.	.1	3383.	-.5	-1152.	-3.
445249	-999.	-999.	5485.	-0.	-77.	292700.	4.	-60.	-999.0	19.	-.7	1.	-.1	3892.	-.5	-1415.	6.
445250	-999.	-999.	2942.	-0.	-63.	290000.	-3.	-53.	-.8	11.	-.7	1.	.2	4515.	-.6	-1313.	6.
445251	-999.	-999.	2534.	-0.	-79.	250600.	-2.	-54.	-999.0	11.	-.5	1.	-.1	1785.	-.4	-1300.	3.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	PB PPM	SM PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445202	.4	7270.	716.	4530.	108.	-2.	13.5	4.7	-247.	-1.	-1.	9.4	5239.	123.	3.2	-46.	2.841
445203	.3	8295.	796.	5172.	69.	-2.	14.4	5.6	-224.	-1.	-1.	10.3	5747.	135.	3.1	92.	3.021
445204	.3	3150.	562.	1865.	78.	-2.	12.1	4.8	-203.	-1.	-1.	8.7	3907.	112.	3.3	-28.	2.755
445205	.3	2944.	882.	1966.	84.	-2.	13.5	5.5	-186.	-1.	-1.	10.6	4721.	131.	3.7	136.	2.959
445206	.3	3840.	426.	1794.	88.	-2.	11.0	3.8	-187.	-1.	-1.	8.4	4755.	112.	2.6	130.	2.681
445207	.3	3891.	474.	1755.	67.	-1.	11.6	5.1	-172.	-1.	-1.	8.0	4333.	110.	2.4	90.	2.532
445208	.3	5065.	628.	2475.	78.	-2.	12.5	5.7	-211.	-1.	-1.	9.1	4170.	119.	3.2	-55.	2.740
445209	.4	7992.	953.	4208.	110.	-1.	16.9	6.4	-199.	-1.	2.	13.7	4968.	148.	4.2	-39.	3.344
445210	.3	4919.	598.	2524.	69.	-2.	12.4	4.9	-237.	-1.	-1.	9.6	4777.	121.	3.7	-21.	2.857
445211	.4	6646.	724.	5752.	104.	-2.	17.4	7.1	-269.	-1.	-1.	11.7	5636.	172.	4.4	101.	2.899
445212	.3	5488.	658.	4005.	120.	-3.	15.7	5.0	-249.	-1.	-1.	10.8	4850.	150.	3.5	-116.	2.907
445213	.4	6901.	648.	5528.	-50.	-3.	18.8	5.7	-238.	-1.	-1.	11.8	5304.	162.	3.2	-59.	3.236
445214	.3	2630.	924.	2106.	84.	-1.	11.9	4.4	-269.	-1.	-1.	9.3	5062.	117.	3.0	157.	2.551
445215	.3	6592.	700.	3578.	69.	-2.	14.7	5.9	-233.	-1.	-1.	9.9	4569.	141.	4.1	149.	2.809
445216	.4	6434.	773.	3659.	80.	-3.	15.4	6.2	-266.	2.	-1.	9.7	4436.	143.	3.7	102.	2.740
445217	.3	4279.	639.	2329.	88.	-2.	13.6	5.3	-171.	-1.	-1.	9.8	5182.	118.	4.4	-88.	2.849
445218	.3	5400.	678.	3956.	106.	-3.	13.9	4.8	-260.	-1.	-1.	10.1	5473.	138.	2.9	103.	2.809
445219	.4	4621.	640.	2504.	92.	2.	13.0	5.9	-210.	-1.	-1.	9.5	4899.	134.	3.0	100.	2.674
445220	.4	3279.	646.	1635.	92.	-2.	13.2	5.4	-234.	-1.	-1.	11.0	4858.	134.	4.4	-92.	3.030
445221	.5	2336.	615.	1246.	67.	-2.	11.7	5.1	-154.	-1.	-1.	10.4	5423.	112.	3.6	169.	2.732
445222	.3	5360.	571.	2700.	119.	-2.	12.0	3.9	-237.	-1.	-1.	9.2	4645.	119.	3.4	110.	2.841
445223	.3	5225.	701.	3565.	94.	-2.	13.2	5.5	-228.	-1.	-1.	10.3	5054.	125.	3.0	112.	3.077
445224	.5	595[illegible].	710.	3419.	92.	-3.	16.1	6.0	-256.	-1.	-1.	13.3	4626.	142.	4.0	-52.	3.831
445225	.3	3622.	792.	2576.	66.	-2.	12.7	4.9	-182.	-1.	-1.	9.4	4627.	110.	3.7	139.	2.933
445226	.3	7189.	602.	3297.	-41.	-3.	12.9	4.8	-251.	-1.	-1.	8.9	4963.	125.	4.2	81.	2.604
445227	.3	3266.	751.	1758.	72.	2.	12.0	5.3	-216.	1.	-1.	9.8	4308.	110.	3.7	106.	2.695
445228	.3	3330.	739.	1726.	66.	-2.	11.5	5.3	-221.	-1.	-1.	8.5	3416.	109.	2.9	-37.	2.639
445229	.3	2052.	799.	894.	74.	-2.	13.2	5.8	-169.	-1.	-1.	9.2	4963.	114.	3.1	207.	2.525
445230	.3	4395.	664.	3951.	90.	-2.	12.3	4.4	-242.	-1.	-1.	8.9	5251.	116.	4.1	77.	2.732
445231	.4	4484.	974.	1352.	101.	-2.	16.1	6.2	-251.	-1.	-1.	10.0	4898.	160.	3.8	135.	2.353
445232	.4	3312.	626.	1165.	131.	-2.	15.8	5.4	-209.	-1.	-1.	11.6	5490.	148.	4.3	-44.	2.618
445233	.4	10390.	862.	5790.	98.	-2.	17.4	5.7	-209.	-1.	2.	13.7	6353.	134.	3.9	-44.	3.584
445234	.3	6372.	677.	5481.	103.	-2.	14.3	5.1	-263.	-1.	-1.	10.9	5848.	131.	4.4	-44.	2.924
445235	.3	4250.	895.	1336.	108.	2.	15.1	6.0	-251.	-1.	-1.	11.0	5448.	158.	3.4	-93.	2.632
445236	.4	6598.	728.	4193.	112.	-3.	17.7	6.9	-262.	-1.	-1.	10.9	4627.	150.	3.9	-51.	2.865
445237	.4	6943.	591.	4911.	122.	-2.	17.1	5.4	-174.	-1.	2.	13.0	5760.	126.	3.4	-45.	3.155
445238	.3	6894.	589.	4578.	103.	-2.	14.2	4.3	-232.	-1.	-1.	9.6	5594.	119.	4.3	-56.	2.538
445239	.3	5018.	612.	3196.	115.	-1.	15.9	5.9	-199.	-1.	-1.	12.2	5112.	139.	2.7	113.	3.049
445240	.4	5166.	630.	4390.	77.	-2.	16.6	6.3	-221.	-1.	-1.	11.2	4846.	132.	4.6	127.	2.865
445241	.4	3720.	688.	1423.	78.	-2.	16.1	5.9	-176.	-1.	-1.	11.4	5778.	143.	3.9	-37.	2.710
445242	.4	5899.	595.	3368.	90.	-2.	14.7	4.4	-227.	-1.	-1.	10.3	5439.	122.	3.8	86.	2.571
445243	.1	10090.	64.	181.	-15.	-1.	1.4	.9	600.	-1.	-999.	.9	-265.	16.	-.6	35.	.455
445244	-.1	8152.	77.	448.	-22.	-1.	2.3	1.1	636.	-1.	-999.	1.4	550.	29.	-1.0	74.	.551
445245	.2	9804.	145.	2291.	41.	-2.	7.3	2.9	354.	-1.	-1.	4.9	2399.	84.	2.5	72.	1.751
445246	.1	7126.	79.	590.	-21.	-1.	2.4	.9	704.	-1.	-999.	1.4	748.	33.	.9	92.	.593
445247	*****	22550.	40.	113.	-13.	-1.	.8	.8	404.	-1.	-999.	-.3	-249.	15.	-.5	53.	-999.000
445248	*****	18220.	51.	135.	-18.	-1.	1.0	.4	256.	-1.	-999.	.6	299.	17.	-.7	116.	.361
445249	*****	13960.	59.	160.	-18.	-1.	1.3	-.7	330.	-1.	-999.	.9	-299.	24.	-.7	92.	.366
445250	.1	21020.	49.	107.	-20.	-1.	1.2	.6	352.	-1.	-999.	.9	-255.	14.	-.7	93.	.404
445251	*****	34090.	60.	142.	-15.	-1.	.6	.5	352.	-1.	-999.	.5	-306.	17.	-.5	31.	.238

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445252	68.9258	147.3161	8.	134.	5.	2.08	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445253	68.9194	147.3089	8.	114.	5.	2.33	-5.	-5.	-5.	19.	-20.	-15.	-5.	-10.	-15.
445254	68.9439	147.3000	8.	131.	5.	2.00	-5.	-5.	-5.	13.	-20.	-15.	-5.	-10.	-15.
445255	68.9544	147.2625	8.	145.	6.	1.95	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445256	68.9789	147.2742	8.	126.	6.	2.86	-5.	6.	-5.	14.	-20.	-15.	-5.	-10.	-15.
445257	68.9897	147.2850	8.	216.	6.	2.10	-5.	5.	-5.	11.	-20.	15.	-5.	-10.	16.
445258	68.9803	147.1603	8.	151.	6.	2.78	-5.	-5.	-5.	13.	-20.	17.	-5.	-10.	-15.
445259	68.9767	147.1383	8.	196.	6.	2.52	-5.	5.	-5.	14.	-20.	36.	6.	-10.	-15.
445260	68.9897	147.0150	8.	138.	3.	2.10	-5.	6.	-5.	15.	-20.	31.	-5.	-10.	-15.
445261	68.9797	147.1236	-999.	-999.	8.	2.72	-5.	-5.	-5.	-10.	-20.	39.	-5.	-10.	-15.
445262	68.9464	147.0939	8.	180.	8.	2.06	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445263	68.9364	147.1864	-999.	-999.	1.	1.70	-5.	-5.	-5.	19.	-20.	-15.	-5.	-10.	-15.
445264	68.9142	147.1872	8.	208.	4.	1.46	-5.	-5.	-5.	14.	-20.	20.	-5.	-10.	-15.
445265	68.8972	147.1914	-999.	-999.	10.	1.88	-5.	-5.	-5.	-10.	-20.	15.	-5.	-10.	-15.
445266	68.8769	147.2239	8.	173.	8.	2.31	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445267	68.8875	147.2553	7.	109.	6.	1.83	-5.	-5.	-5.	18.	-20.	20.	-5.	-10.	15.
445268	68.8625	147.2611	-999.	-999.	10.	2.23	-5.	-5.	-5.	17.	-20.	-15.	-5.	-10.	-15.
445269	68.8342	147.2561	-999.	-999.	9.	2.80	-5.	-5.	-5.	14.	-20.	22.	-5.	-10.	-15.
445270	68.8017	147.3006	-999.	-999.	5.	2.62	-5.	-5.	-5.	15.	-20.	20.	-5.	-10.	-15.
445271	68.7839	147.3522	-999.	-999.	4.	3.05	-5.	-5.	-5.	17.	-20.	33.	-5.	-10.	-15.
445272	68.7828	147.3144	-999.	-999.	10.	3.05	-5.	-5.	-5.	11.	-20.	19.	-5.	-10.	16.
445273	68.7528	147.2897	8.	159.	3.	2.81	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	23.
445274	68.7522	147.2678	7.	157.	6.	3.80	-5.	-5.	-5.	24.	-20.	27.	-5.	-10.	-15.
445275	68.7192	148.2033	8.	117.	8.	2.91	-5.	5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445276	68.7397	148.2089	8.	85.	8.	1.86	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445277	68.7478	148.1714	8.	115.	5.	1.94	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	-15.
445278	68.7808	148.1308	-999.	-999.	3.	2.19	-5.	5.	-5.	11.	-20.	20.	-5.	-10.	-15.
445279	68.7664	147.9994	-999.	-999.	5.	1.48	-5.	-5.	-5.	13.	-20.	-15.	-5.	-10.	-15.
445280	68.7625	147.9908	-999.	-999.	9.	2.20	-5.	-5.	-5.	10.	-20.	24.	11.	-10.	-15.
445281	68.7811	148.0456	8.	193.	8.	2.05	-5.	-5.	-5.	15.	-20.	23.	-5.	-10.	-15.
445282	68.7875	148.0444	-999.	-999.	18.	1.48	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	-15.
445283	68.7839	148.3103	8.	147.	16.	4.25	-5.	-5.	-5.	45.	-20.	59.	7.	-10.	-15.
445284	68.7761	148.2478	-999.	-999.	5.	1.94	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	-15.
445285	68.7417	148.4506	8.	201.	6.	2.30	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445286	68.7703	148.2844	8.	257.	16.	2.12	-5.	-5.	-5.	14.	-20.	19.	-5.	-10.	-15.
445294	68.9433	148.1692	9.	192.	16.	2.89	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445295	68.9556	148.1042	9.	168.	6.	3.96	-5.	-5.	-5.	22.	-20.	40.	7.	-10.	-15.
445301	68.6117	148.3156	8.	243.	5.	2.97	-5.	-5.	-5.	16.	-20.	23.	6.	-10.	-15.
445302	68.6186	148.2861	8.	223.	5.	2.70	-5.	-5.	-5.	16.	-20.	-15.	-5.	-10.	-15.
445303	68.6261	148.1433	8.	268.	6.	2.71	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445304	68.6489	148.2114	8.	215.	5.	3.15	-5.	-5.	-5.	10.	-20.	29.	5.	-10.	-15.
445305	68.6764	148.1069	8.	238.	13.	2.15	-5.	-5.	-5.	-10.	-20.	24.	5.	-10.	-15.
445307	68.6853	147.9675	8.	324.	13.	2.27	-5.	-5.	-5.	-10.	-20.	35.	-5.	-10.	-15.
445308	68.6731	147.9717	8.	283.	13.	2.42	-5.	-5.	-5.	21.	-20.	37.	9.	-10.	-15.
445309	68.6928	147.8797	8.	217.	6.	3.12	-5.	-5.	-5.	11.	-20.	55.	9.	-10.	-15.
445310	68.6878	147.8094	8.	217.	3.	2.42	-5.	-5.	-5.	15.	-20.	32.	-5.	-10.	-15.
445311	68.6931	147.8403	7.	255.	-999.	2.36	-5.	-5.	-5.	-10.	-20.	16.	5.	-10.	-15.
445312	68.7367	147.7906	8.	113.	-999.	1.78	-5.	-5.	-5.	11.	-20.	28.	-5.	-10.	-15.
445313	68.7378	147.8194	-999.	-999.	6.	1.47	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445314	68.7247	147.6738	8.	406.	13.	5.35	-5.	-5.	-5.	58.	-20.	75.	9.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445252	-999.	-999.	3187.	-0.	-61.	318000.	-999.	-63.	-999.0	-999.	-999.0	1.	*****	-999.	-999.0	-1416.	-999.
445253	-999.	-999.	7145.	-0.	-77.	320200.	6.	-64.	-999.0	19.	-.7	1.	-.1	4929.	-.5	2348.	5.
445254	-999.	-999.	11030.	-0.	110.	218300.	8.	-55.	2.9	29.	1.3	2.	.3	7202.	-.8	3989.	9.
445255	-999.	-999.	4102.	-0.	-75.	286300.	-2.	-56.	-999.0	13.	-.5	1.	-.1	3232.	-.4	-1339.	4.
445256	-999.	-999.	4073.	-0.	-63.	351300.	3.	-65.	-999.0	-5.	-.7	1.	-.2	2735.	-.5	-1529.	5.
445257	-999.	-999.	8741.	-0.	-83.	275400.	8.	-64.	-999.0	24.	1.3	1.	.2	5140.	-.5	2764.	8.
445258	-999.	-999.	7313.	-0.	-67.	252200.	7.	-54.	1.6	23.	-.8	1.	-.2	4536.	-.6	2581.	9.
445259	-999.	-999.	24160.	-0.	335.	192400.	28.	-57.	4.5	49.	2.8	3.	.6	17420.	2.7	7726.	18.
445260	-999.	-999.	11100.	-0.	-86.	235100.	18.	-74.	4.3	29.	2.1	2.	.5	9369.	1.3	3955.	14.
445261	-999.	-999.	17480.	-0.	153.	214400.	17.	-62.	-.7	43.	2.1	2.	.4	13510.	2.1	6427.	16.
445262	-999.	-999.	5712.	-0.	-63.	273000.	7.	-52.	1.3	14.	-.8	1.	-.2	3718.	-.6	1876.	7.
445263	-999.	-999.	9006.	-0.	-86.	174800.	11.	-52.	-999.0	36.	1.5	1.	.2	4564.	-.4	3970.	10.
445264	-999.	-999.	6580.	-0.	-62.	264200.	9.	-60.	-.1	20.	-.8	1.	-.2	5188.	-.6	2416.	9.
445265	-999.	-999.	4507.	-0.	-76.	245200.	4.	-53.	-999.0	22.	-.6	-1.	.1	3663.	-.4	-1332.	7.
445266	-999.	-999.	2657.	-0.	-62.	291700.	-3.	-52.	-.8	11.	-.7	-999.	-.2	2383.	-.5	-1232.	6.
445267	-999.	-999.	4119.	-0.	-84.	252000.	-2.	-57.	-999.0	15.	-.5	1.	.2	2562.	.4	-1415.	5.
445268	-999.	-999.	6849.	-0.	-68.	289400.	9.	-66.	-999.0	20.	-.9	1.	-.2	5279.	-.7	2710.	9.
445269	-999.	-999.	11950.	-0.	194.	256600.	16.	-59.	-999.0	38.	-.8	2.	.3	8658.	1.0	3219.	11.
445270	-999.	-999.	8315.	-0.	228.	258600.	10.	-55.	2.3	30.	1.5	1.	-.2	5452.	1.0	2754.	7.
445271	-999.	-999.	28300.	-0.	687.	145400.	34.	-63.	1.7	66.	3.9	3.	.8	18260.	2.2	8476.	20.
445272	-999.	-999.	19770.	-0.	377.	245100.	15.	-67.	2.9	43.	1.8	2.	.6	12990.	1.5	8663.	14.
445273	-999.	-999.	13210.	-0.	208.	259000.	16.	-61.	-999.0	38.	1.9	1.	.3	9264.	1.1	4274.	13.
445274	-999.	-999.	30580.	-0.	673.	187500.	22.	-57.	5.3	54.	2.5	3.	.6	15820.	1.7	11170.	17.
445275	-999.	-999.	5966.	-0.	-91.	279400.	-3.	-77.	-999.0	20.	1.6	1.	.2	3313.	-.5	-1881.	9.
445276	-999.	-999.	5088.	-0.	-87.	332200.	8.	-65.	-999.0	16.	-.8	-1.	-.2	3655.	-.6	-1591.	-3.
445277	-999.	-999.	3419.	-0.	-71.	296000.	4.	-58.	-999.0	15.	-.6	1.	.1	3512.	-.4	-1444.	5.
445278	-999.	-999.	8263.	-0.	-109.	229900.	9.	-65.	1.4	27.	-1.0	1.	.2	5417.	-.7	-1769.	9.
445279	-999.	-999.	3511.	-0.	-67.	266700.	-2.	-58.	-999.0	13.	-.5	1.	.1	1899.	-.4	-1396.	5.
445280	-999.	-999.	22960.	-0.	132.	200500.	67.	-61.	3.5	55.	3.7	2.	.9	18520.	1.6	6560.	46.
445281	-999.	-999.	15090.	-0.	130.	231600.	102.	-56.	1.3	38.	2.1	3.	1.2	13720.	-.6	4640.	72.
445282	-999.	-999.	5831.	-0.	-81.	238200.	-3.	-54.	1.5	19.	-.7	-1.	-.2	3960.	-.5	-1342.	7.
445283	-999.	-999.	72920.	-0.	976.	11390.	59.	-92.	11.3	102.	6.7	5.	1.3	39630.	4.8	22680.	33.
445284	-999.	-999.	9405.	-0.	-83.	305300.	10.	-65.	-.4	19.	-.9	1.	.3	6112.	-.7	-1741.	-3.
445285	-999.	-999.	9551.	-0.	-76.	239000.	10.	-59.	-999.0	25.	-.8	1.	.3	6551.	-.5	3068.	8.
445286	-999.	-999.	19950.	-0.	279.	172500.	22.	-78.	2.3	48.	2.3	2.	.4	7305.	-1.0	5868.	19.
445294	-999.	-999.	42620.	-0.	548.	80500.	77.	-82.	12.4	74.	3.3	4.	1.1	23110.	3.4	14520.	41.
445295	-999.	-999.	39480.	-0.	482.	119200.	50.	-82.	9.1	63.	3.7	4.	.9	22740.	3.8	12570.	30.
445301	-999.	-999.	37140.	-0.	1180.	118800.	30.	-65.	7.8	65.	2.8	3.	.9	19700.	3.0	14510.	22.
445302	-999.	-999.	23660.	-0.	295.	165300.	29.	-61.	4.2	47.	2.3	2.	.7	15180.	2.7	7506.	17.
445303	-999.	-999.	22480.	-0.	240.	211500.	26.	-67.	4.3	39.	2.3	2.	.5	13530.	1.6	8048.	17.
445304	-999.	-999.	33950.	-0.	614.	146400.	26.	-77.	-.5	75.	6.8	3.	.5	17570.	-.9	10760.	19.
445305	-999.	-999.	24280.	-0.	261.	206100.	30.	-66.	3.7	45.	1.9	2.	.6	15010.	1.5	6121.	20.
445307	-999.	-999.	33410.	-0.	274.	131000.	47.	-62.	2.4	80.	4.0	3.	.9	22590.	-.7	10010.	36.
445308	-999.	-999.	43870.	-0.	297.	99630.	71.	-62.	8.4	97.	5.3	4.	1.1	31290.	2.8	12480.	44.
445309	-999.	-999.	62960.	-0.	629.	58130.	43.	-98.	8.9	112.	6.1	5.	1.0	39470.	3.7	16240.	31.
445310	-999.	-999.	24360.	-0.	-105.	173900.	24.	-68.	3.5	55.	2.8	2.	.5	12070.	-1.0	8535.	19.
445311	-999.	-999.	21270.	-0.	184.	183200.	30.	-58.	-.4	54.	2.8	2.	.5	10240.	1.1	7715.	23.
445312	-999.	-999.	6598.	-0.	-93.	218600.	-4.	-59.	-999.0	26.	-.9	1.	.2	3502.	-.7	-1449.	-4.
445313	-999.	-999.	6799.	-0.	-66.	154000.	6.	-52.	-999.0	24.	-.7	1.	.2	5108.	-.5	-1372.	7.
445314	-999.	-999.	60130.	-0.	2143.	26710.	49.	-91.	11.1	113.	4.9	6.	1.3	28530.	4.1	18500.	36.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445252	*****	16830.	40.	94.	-999.	-999.	-999.0	-999.0	443.	-999.	-999.	-999.0	-244.	16.	-999.0	-999.	-999.000
445253	*****	9289.	69.	239.	-19.	-1.	1.5	-.5	315.	-1.	-999.	1.0	-304.	27.	-.7	105.	.429
445254	.1	19510.	93.	419.	-25.	-1.	2.7	.9	348.	-1.	-1.	1.4	744.	31.	-1.0	110.	.700
445255	*****	11270.	49.	233.	-16.	-1.	1.1	.7	406.	-1.	-999.	-.4	-279.	14.	.5	20.	-999.000
445256	*****	11400.	51.	163.	-19.	-1.	.9	-.7	606.	-1.	-999.	-.5	-249.	18.	-.7	-23.	-999.000
445257	.1	15570.	98.	406.	-20.	-1.	1.8	1.0	632.	-1.	-999.	1.2	491.	31.	-.8	64.	.571
445258	-.1	42070.	41.	319.	-22.	-1.	1.5	-1.1	401.	-1.	-999.	.8	495.	30.	-.8	71.	.288
445259	.2	12840.	132.	1574.	60.	-1.	5.8	2.3	-141.	-1.	-1.	3.9	1654.	61.	1.6	88.	1.548
445260	.1	12900.	254.	448.	-27.	-1.	3.8	1.9	348.	-1.	-1.	2.0	-374.	39.	-.9	-35.	.952
445261	.1	16270.	101.	1080.	-22.	-1.	4.1	1.6	169.	-1.	-999.	2.5	1218.	53.	-.8	159.	.919
445262	*****	34340.	42.	294.	-20.	-1.	1.3	.5	375.	-1.	-999.	-.5	477.	19.	-.7	63.	-999.000
445263	*****	21130.	66.	344.	-17.	-1.	2.1	1.1	404.	-1.	-999.	1.7	473.	30.	-.6	45.	1.000
445264	*****	21210.	62.	288.	-20.	-1.	1.7	.8	370.	-1.	-999.	1.2	-246.	23.	-.7	65.	.822
445265	*****	45540.	56.	208.	-17.	-1.	1.1	.7	271.	-999.	-999.	.8	-313.	23.	-.6	101.	.426
445266	*****	30700.	27.	167.	-20.	-1.	.8	.5	527.	-1.	-999.	-.5	361.	16.	-.7	64.	-999.000
445267	*****	27040.	66.	326.	-15.	-1.	1.1	.6	264.	-1.	-999.	-.5	-313.	18.	-.5	48.	-999.000
445268	-.1	11580.	51.	375.	-23.	-1.	1.9	-1.2	497.	-1.	-999.	.7	-262.	24.	-.9	60.	.314
445269	.1	9695.	71.	722.	-21.	-1.	2.7	1.3	529.	-1.	-999.	1.9	785.	35.	1.0	89.	.678
445270	-.1	14320.	49.	363.	-23.	-1.	1.9	1.0	509.	-1.	-999.	1.5	525.	28.	-.9	78.	.572
445271	.2	7861.	117.	1703.	-25.	2.	6.2	3.2	421.	-1.	-1.	4.5	1891.	72.	2.9	-72.	1.475
445272	.1	12790.	71.	1143.	-27.	-1.	4.4	1.9	418.	-1.	-1.	2.5	1138.	57.	1.4	85.	.820
445273	.1	10420.	73.	721.	-21.	-1.	3.0	1.2	253.	-1.	-999.	1.8	814.	43.	-.8	63.	.641
445274	.1	15190.	80.	1652.	-29.	-1.	5.7	1.7	295.	-1.	-1.	3.3	2012.	86.	2.1	84.	.868
445275	*****	12200.	69.	332.	-20.	-1.	1.5	.9	932.	-1.	-999.	.7	-336.	29.	-.7	73.	.241
445276	-.1	16010.	63.	217.	-23.	-1.	1.2	-.4	355.	-1.	-999.	-.6	-335.	25.	-.8	82.	-999.000
445277	*****	23370.	48.	207.	-17.	-1.	1.0	.4	506.	-1.	-999.	.7	-282.	16.	-.6	147.	.361
445278	.1	8724.	88.	435.	-26.	-1.	1.9	.8	371.	-1.	-1.	1.1	452.	34.	-1.0	99.	.502
445279	*****	16420.	27.	319.	-15.	-1.	.9	.7	804.	-1.	-999.	.7	-245.	20.	-.5	40.	.473
445280	.1	8850.	124.	1519.	38.	-1.	5.2	5.6	750.	-1.	-1.	6.0	969.	65.	1.3	124.	2.725
445281	.1	8456.	100.	1049.	-23.	-1.	3.6	8.6	913.	-1.	-1.	7.2	763.	47.	1.2	100.	3.509
445282	.1	10950.	44.	316.	-19.	-1.	1.2	-.8	648.	-1.	-999.	.9	360.	23.	-.7	90.	.608
445283	.3	7665.	588.	4892.	136.	-2.	14.5	5.5	-252.	-1.	-1.	9.2	4248.	177.	3.6	157.	2.165
445284	-.1	11470.	89.	521.	-24.	-1.	2.1	.8	603.	-1.	-999.	1.5	552.	33.	-.9	51.	.773
445285	.1	22630.	88.	569.	-20.	-1.	2.3	1.0	815.	-1.	-999.	1.7	641.	30.	-.7	108.	.739
445286	.1	6778.	90.	1473.	-36.	-2.	4.2	1.5	405.	-2.	-1.	3.2	1344.	58.	-1.4	111.	1.511
445294	-.1	9843.	494.	2630.	-45.	-2.	7.9	4.2	-278.	-2.	-1.	6.8	2742.	101.	-1.8	-46.	2.353
445295	.2	10350.	472.	3045.	54.	-1.	8.4	4.6	-201.	-1.	-1.	6.1	2730.	106.	2.0	116.	1.543
445301	.2	9577.	378.	2524.	-34.	-2.	7.5	2.3	386.	-1.	-1.	4.3	2550.	95.	-1.2	-43.	1.447
445302	.2	10580.	252.	1410.	37.	-1.	5.7	2.8	349.	-1.	-1.	3.9	1537.	55.	1.4	-66.	1.445
445303	.1	16800.	139.	1097.	51.	-1.	5.0	2.0	320.	-1.	-1.	2.6	1185.	58.	-1.1	71.	.960
445304	.1	11670.	52.	1517.	-37.	-2.	6.7	2.5	310.	-1.	-1.	3.2	1904.	95.	1.4	109.	1.016
445305	.1	10410.	130.	1464.	-32.	-1.	4.7	2.7	434.	-1.	-1.	3.0	1170.	60.	-1.3	82.	1.395
445307	.2	7709.	182.	1902.	82.	-1.	7.4	4.5	633.	-1.	-1.	5.8	2114.	95.	1.7	84.	2.558
445308	.2	6928.	286.	2230.	76.	-2.	10.1	5.8	394.	-1.	-1.	9.0	2635.	114.	3.3	126.	3.717
445309	.4	8579.	593.	2287.	82.	-2.	13.9	4.0	-282.	-1.	-1.	7.7	3621.	167.	2.9	253.	2.469
445310	-.1	15240.	91.	927.	-34.	-2.	4.2	1.7	533.	-1.	-1.	2.9	1001.	78.	-1.4	138.	1.199
445311	-.1	25000.	51.	900.	36.	-1.	4.1	2.7	542.	-1.	-1.	3.8	907.	69.	1.5	115.	1.610
445312	-.1	10710.	32.	253.	-23.	-1.	1.4	.9	491.	-1.	-999.	-.6	483.	28.	-.9	111.	-999.000
445313	*****	7780.	35.	338.	-17.	-1.	1.5	.8	299.	-1.	-999.	1.2	430.	23.	-.7	84.	.816
445314	.4	9406.	429.	5290.	109.	-3.	12.5	4.0	-212.	-1.	-1.	7.2	3027.	230.	-2.2	146.	1.348

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445315	68.7192	147.6292	8.	402.	15.	4.36	-5.	-5.	-5.	18.	-20.	25.	-5.	-10.	-15.
445316	68.7239	147.5847	8.	936.	10.	23.70	-5.	-5.	30.	386.	-20.	633.	-5.	-10.	37.
445317	68.7125	147.5133	8.	307.	4.	4.26	-5.	-5.	-5.	24.	-20.	45.	8.	-10.	-15.
445318	68.7511	147.5389	8.	292.	10.	2.96	-5.	-5.	-5.	12.	-20.	37.	6.	-10.	-15.
445319	68.7558	147.5108	-999.	-999.	10.	2.24	-5.	-5.	-5.	-10.	-20.	-15.	6.	-10.	-15.
445320	68.7558	147.4567	8.	345.	6.	3.63	-5.	-5.	-5.	17.	-20.	20.	-5.	-10.	-15.
445321	68.7581	147.4281	8.	329.	-999.	4.13	-5.	-5.	-5.	20.	-20.	57.	16.	-10.	-15.
445322	68.8211	147.5672	8.	104.	5.	2.89	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445323	68.8142	147.5378	8.	195.	-999.	2.36	-5.	-5.	-5.	-10.	-20.	17.	-5.	-10.	-15.
445324	68.7706	147.6153	8.	87.	10.	2.20	-5.	-5.	-5.	15.	-20.	20.	-5.	-10.	-15.
445325	68.7592	147.6792	8.	115.	6.	2.56	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445326	68.7617	147.7256	8.	114.	8.	2.11	-5.	-5.	-5.	-10.	-20.	24.	-5.	-10.	-15.
445327	68.7542	147.7703	8.	184.	8.	1.91	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445328	68.7281	147.9186	8.	164.	6.	1.79	-5.	-5.	5.	-10.	-20.	-15.	-5.	-10.	-15.
445329	68.7239	147.8914	8.	143.	6.	1.15	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	-15.
445330	68.7131	147.9867	8.	235.	10.	1.84	-5.	-5.	-5.	-10.	-20.	30.	-5.	-10.	-15.
445331	68.7358	148.0244	9.	171.	5.	2.67	-5.	-5.	-5.	16.	-20.	23.	-5.	-10.	-15.
445334	68.9689	148.2161	8.	372.	5.	3.53	-5.	-5.	-5.	34.	-20.	39.	5.	-10.	-15.
445335	68.9561	148.2128	8.	322.	8.	3.35	-5.	-5.	-5.	30.	-20.	49.	7.	-10.	-15.
445337	68.9119	148.3189	8.	315.	16.	3.21	-5.	-5.	-5.	38.	-20.	50.	9.	-10.	-15.
445338	68.9508	148.3681	8.	219.	11.	3.28	-5.	-5.	-5.	26.	-20.	51.	6.	-10.	-15.
445339	68.9356	148.4000	8.	214.	11.	2.54	-5.	-5.	-5.	14.	-20.	20.	-5.	-10.	-15.
445341	68.9000	148.4225	9.	94.	-999.	2.86	-5.	-5.	-5.	28.	-20.	28.	-5.	-10.	-15.
445343	68.8792	148.3278	8.	264.	6.	3.38	-5.	-5.	-5.	24.	-20.	50.	6.	-10.	-15.
445355	68.7250	149.0106	9.	66.	5.	2.74	-5.	-5.	-5.	23.	-20.	29.	6.	-10.	-15.
445360	68.6531	149.1142	8.	15.	1.	3.21	-5.	-5.	-5.	16.	-20.	29.	18.	-10.	-15.
445366	68.5956	149.3803	-999.	10.	-999.	2.30	-5.	-5.	-5.	20.	-20.	23.	5.	-10.	-15.
445367	68.5928	149.3608	-999.	-999.	6.	2.47	-5.	-5.	-5.	32.	-20.	30.	-5.	-10.	-15.
445385	68.6886	149.4494	-999.	-999.	-999.	1.97	-5.	-5.	-5.	27.	-20.	37.	-5.	-10.	-15.
445387	68.6789	149.3278	-999.	-999.	3.	2.56	-5.	-5.	-5.	32.	-20.	20.	-5.	-10.	-15.
445390	68.3611	148.3406	6.	219.	7.	4.04	-5.	-5.	-5.	49.	-20.	43.	10.	-10.	-15.
445391	68.3719	148.3261	6.	123.	7.	4.26	-5.	5.	-5.	29.	-20.	45.	26.	-10.	-15.
445392	68.3794	148.4261	6.	185.	10.	4.21	-5.	-5.	-5.	43.	-20.	37.	15.	-10.	-15.
445393	68.3431	148.4869	6.	221.	17.	4.36	-5.	-5.	-5.	38.	-20.	39.	16.	-10.	-15.
445394	68.3586	148.4011	6.	84.	15.	4.22	-5.	-5.	-5.	46.	-20.	33.	20.	-10.	-15.
445395	68.3161	148.3869	6.	193.	7.	3.82	-5.	-5.	-5.	40.	-20.	46.	15.	-10.	-15.
445396	68.3297	148.3756	6.	128.	7.	3.27	-5.	-5.	-5.	25.	-20.	16.	11.	-10.	-15.
445397	68.3167	148.4442	6.	145.	12.	3.78	-5.	-5.	-5.	36.	-20.	31.	13.	-10.	-15.
445398	68.2769	148.4600	7.	138.	7.	2.52	-5.	-5.	-5.	14.	-20.	36.	12.	-10.	-15.
445399	68.2717	148.4694	7.	19.	7.	2.45	-5.	-5.	-5.	21.	-20.	27.	6.	-10.	-15.
445400	68.2831	148.4875	6.	119.	15.	2.73	-5.	-5.	-5.	46.	-20.	73.	8.	-10.	-15.
445401	68.6339	148.0675	8.	279.	1.	4.56	-5.	-5.	-5.	20.	-20.	37.	5.	-10.	-15.
445402	68.6178	148.0717	8.	237.	5.	3.12	-5.	-5.	-5.	24.	-20.	32.	-5.	-10.	18.
445403	68.6069	148.0278	8.	182.	3.	3.18	-5.	-5.	-5.	14.	-20.	30.	-5.	-10.	-15.
445404	68.5989	148.0550	-999.	-999.	3.	3.10	-5.	-5.	-5.	24.	-20.	39.	6.	-10.	-15.
445405	68.5875	148.0222	8.	261.	3.	3.68	-5.	-5.	-5.	28.	-20.	47.	8.	-10.	18.
445406	68.5881	147.9886	8.	240.	7.	5.31	-5.	-5.	-5.	17.	-20.	52.	-5.	-10.	-15.
445407	68.5853	147.9442	8.	245.	11.	3.17	-5.	-5.	-5.	20.	-20.	49.	-5.	-10.	19.
445408	68.5811	147.8711	7.	205.	9.	3.32	-5.	-5.	-5.	11.	-20.	28.	-5.	-10.	-15.
445409	68.5733	147.8881	-999.	-999.	9.	3.22	-5.	-5.	-5.	33.	-20.	68.	6.	-10.	23.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445315	-999.	-999.	23480.	-0.	1251.	155000.	27.	-65.	1.5	74.	3.3	3.	.5	13730.	1.7	6757.	23.
445316	-999.	-999.	36030.	-0.	804.	63140.	136.	-136.	120.2	85.	3.4	27.	4.3	98440.	2.4	-7544.	63.
445317	-999.	-999.	53060.	-0.	909.	93800.	58.	-82.	9.3	111.	5.5	5.	1.2	31680.	3.1	12820.	37.
445318	-999.	-999.	29340.	-0.	200.	174300.	35.	-57.	3.4	63.	2.8	2.	.5	14810.	1.0	7928.	22.
445319	-999.	-999.	3235.	-0.	118.	318400.	-2.	-52.	-999.0	16.	-.5	-999.	-.1	1691.	.4	-1146.	7.
445320	-999.	-999.	25340.	-0.	739.	183600.	40.	-65.	5.4	89.	4.3	3.	.7	17780.	1.8	8323.	27.
445321	-999.	-999.	40500.	-0.	1035.	71720.	65.	-57.	10.4	92.	5.8	5.	1.2	36170.	5.8	15140.	36.
445322	-999.	-999.	4439.	-0.	-88.	251800.	-4.	-62.	1.8	23.	-.8	-1.	-.2	2567.	-.7	-1536.	-4.
445323	-999.	-999.	16030.	-0.	298.	196600.	23.	-55.	2.3	37.	2.0	2.	.5	10550.	2.2	5821.	12.
445324	-999.	-999.	6658.	-0.	186.	215800.	-4.	-60.	-.5	28.	-.9	1.	-.2	4242.	-.7	3580.	-3.
445325	-999.	-999.	2085.	-0.	-78.	264100.	4.	-56.	-999.0	15.	-.6	-1.	.1	2141.	-.5	-1325.	6.
445326	-999.	-999.	5736.	-0.	111.	301500.	-4.	-65.	1.2	24.	-.9	-1.	-.2	3056.	-.7	-1510.	-5.
445327	-999.	-999.	12750.	-0.	223.	157600.	14.	-62.	-999.0	40.	1.7	1.	.5	7318.	-.6	3387.	14.
445328	-999.	-999.	3790.	-0.	-69.	310500.	-3.	-62.	-999.0	14.	-.7	1.	.1	1882.	-.5	-1422.	-3.
445329	-999.	-999.	2298.	-0.	-78.	297300.	-2.	-59.	-999.0	15.	-.6	-1.	.1	2486.	-.4	-1336.	6.
445330	-999.	-999.	13290.	-0.	-141.	190100.	17.	-74.	2.6	29.	-1.2	2.	.5	8308.	-.9	4105.	14.
445331	-999.	-999.	26810.	-0.	548.	186000.	27.	-82.	2.2	57.	2.1	3.	.5	14490.	1.9	8238.	21.
445334	-999.	-999.	60960.	-0.	919.	10220.	61.	-78.	12.4	93.	4.3	6.	1.2	24690.	4.7	15300.	37.
445335	-999.	-999.	69640.	-0.	691.	14170.	55.	-102.	11.9	139.	4.9	7.	1.2	38140.	6.3	17000.	31.
445337	-999.	-999.	61270.	-0.	1011.	10940.	74.	-113.	15.6	89.	5.1	5.	1.3	36400.	5.0	8290.	37.
445338	-999.	-999.	73900.	-0.	784.	6710.	54.	-103.	11.8	137.	6.2	6.	1.6	41740.	5.3	14900.	27.
445339	-999.	-999.	42940.	-0.	452.	101000.	48.	-77.	9.0	63.	3.4	4.	1.0	29440.	3.0	10120.	23.
445341	-999.	-999.	48330.	-0.	625.	31960.	38.	-96.	10.5	74.	4.4	4.	1.3	26990.	3.7	11100.	25.
445343	-999.	-999.	62530.	-0.	993.	14430.	63.	-93.	16.8	100.	4.7	4.	1.3	37650.	4.5	16000.	33.
445355	-999.	-999.	39240.	-0.	823.	15970.	46.	-87.	-2.1	73.	3.3	4.	.9	17970.	3.6	10170.	26.
445360	-999.	-999.	71790.	-0.	870.	-1310.	51.	-124.	12.1	100.	4.2	6.	1.1	36380.	5.5	16060.	30.
445366	-999.	-999.	41870.	-0.	672.	6397.	44.	-99.	12.2	107.	3.7	4.	1.2	30550.	5.4	7100.	22.
445367	-999.	-999.	52450.	-0.	-2205.	-10880.	34.	-894.	60.1	80.	3.5	-11.	1.6	85280.	3.2	-56750.	20.
445385	-999.	-999.	54780.	-0.	855.	7848.	37.	-125.	15.9	170.	-1.7	3.	.8	38150.	6.0	8385.	22.
445387	-999.	-999.	44820.	-0.	563.	-878.	53.	-86.	6.1	122.	3.1	4.	.9	18760.	6.5	10060.	25.
445390	-999.	-999.	82210.	-0.	689.	-817.	79.	-66.	22.3	100.	8.5	6.	1.3	46130.	6.9	19950.	41.
445391	-999.	-999.	74160.	-0.	512.	2267.	85.	-67.	22.6	125.	6.9	6.	1.5	46260.	8.7	19880.	41.
445392	-999.	-999.	69190.	-0.	573.	-601.	82.	-57.	18.4	88.	6.1	6.	1.3	38670.	6.3	20260.	32.
445393	-999.	-999.	76150.	-0.	536.	1968.	84.	-68.	20.9	106.	8.2	6.	1.5	43900.	8.4	19180.	43.
445394	-999.	-999.	75900.	-0.	855.	-709.	78.	-62.	24.4	100.	8.0	7.	1.7	45490.	8.2	17990.	41.
445395	-999.	-999.	65270.	-0.	439.	5598.	63.	-68.	18.7	104.	5.1	6.	1.2	38540.	11.2	19200.	33.
445396	-999.	-999.	54030.	-0.	305.	3207.	61.	-53.	15.5	79.	4.5	5.	1.2	35190.	6.5	14480.	34.
445397	-999.	-999.	66540.	-0.	508.	-695.	67.	-61.	18.9	85.	4.4	5.	1.1	40200.	7.2	17040.	40.
445398	-999.	-999.	31850.	-0.	276.	2897.	39.	-37.	10.5	50.	3.0	4.	.9	30570.	4.9	9194.	24.
445399	-999.	-999.	29500.	-0.	215.	2625.	39.	-30.	11.7	55.	3.3	3.	.7	31530.	4.5	8732.	23.
445400	-999.	-999.	60850.	-0.	392.	3578.	48.	-56.	29.1	143.	5.8	6.	1.5	61650.	6.1	15640.	26.
445401	-999.	-999.	31810.	0.	434.	23790.	32.	-94.	3.3	62.	-2.7	3.	.7	19220.	3.1	13200.	21.
445402	-999.	-999.	30370.	-0.	387.	149100.	25.	-69.	3.5	54.	3.3	3.	.5	17380.	2.1	9207.	17.
445403	-999.	-999.	12220.	-0.	-93.	213200.	14.	-59.	1.5	40.	1.8	1.	.3	7772.	-.8	3125.	13.
445404	-999.	-999.	29230.	-0.	374.	162800.	30.	-56.	4.1	62.	2.8	3.	.6	19990.	2.6	11020.	20.
445405	-999.	-999.	51490.	-0.	371.	135400.	30.	-63.	6.1	62.	3.6	3.	.5	19080.	3.1	10990.	22.
445406	-999.	-999.	43780.	-0.	261.	134200.	28.	-70.	3.3	68.	4.5	4.	.8	16320.	2.0	9716.	22.
445407	-999.	-999.	30210.	-0.	[illegible]	187700.	26.	-63.	5.7	65.	3.5	3.	.7	20910.	-.9	8918.	20.
445408	-999.	-999.	14540.	-0.	[illegible]	[illegible]	14.	-57.	[illegible].5	48.	2.1	2.	.3	10180.	-.7	5090.	15.
445409	-999.	-999.	54240.	-0.	[illegible]	[illegible]	36.	-70.	10.3	87.	4.2	4.	1.0	31000.	2.8	17080.	24.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445315	.2	20020.	110.	1867.	-28.	2.	6.2	2.7	411.	-1.	-1.	3.0	1736.	128.	1.8	199.	.688
445316	1.4	7323.	2207.	2177.	-88.	-4.	11.4	18.7	-616.	-3.	3.	6.7	-1482.	98.	13.0	4695.	.283
445317	.3	9573.	355.	3736.	63.	-2.	10.9	4.5	-196.	-1.	-1.	8.4	2964.	152.	2.8	123.	1.972
445318	.1	9427.	87.	1559.	-28.	-1.	9.2	2.3	612.	-1.	-1.	4.5	1109.	83.	-1.1	99.	1.520
445319	*****	19000.	16.	152.	-14.	-999.	.8	.7	796.	-1.	-999.	-.2	237.	19.	-.4	50.	-999.000
445320	.1	11840.	101.	1357.	-32.	-2.	6.0	3.8	346.	-1.	-1.	4.4	1969.	81.	1.9	113.	1.212
445321	.2	6608.	145.	975.	65.	.	9.1	4.0	247.	-1.	-1.	7.8	3528.	91.	2.8	124.	1.890
445322	-.1	22760.	52.	217.	-23.	.	1.1	.6	1354.	-1.	-999.	-.6	-333.	21.	-.9	94.	-999.000
445323	.2	17340.	104.	1141.	-20.	-1.	3.9	2.5	672.	-1.	-999.	2.9	1237.	43.	.9	64.	1.229
445324	-.1	9703.	70.	255.	-25.	-1.	1.7	.6	391.	-1.	-999.	.9	419.	29.	-.9	112.	.409
445325	*****	3315.	45.	118.	-17.	-1.	.9	.5	602.	-1.	-999.	.5	-287.	17.	-.6	99.	.195
445326	-.1	21570.	31.	374.	-25.	-1.	1.1	.5	803.	-1.	-999.	-.7	-322.	36.	-1.0	84.	-999.000
445327	*****	15060.	70.	963.	-23.	-1.	2.9	1.7	571.	-1.	-999.	2.4	871.	40.	-.8	115.	1.256
445328	*****	8580.	34.	260.	-19.	-1.	.9	-.3	514.	-1.	-999.	-.5	-255.	13.	-.7	64.	-999.000
445329	*****	3067.	35.	128.	-16.	-1.	.7	.4	386.	-999.	-999.	-.4	-286.	12.	-.6	60.	-999.000
445330	-.1	10640.	225.	941.	-31.	-1.	2.7	1.3	432.	-1.	-1.	1.6	989.	40.	-1.3	189.	.870
445331	.1	13820.	160.	1990.	-28.	-1.	5.8	2.7	516.	-1.	-1.	4.2	1486.	82.	1.7	127.	1.572
445334	.3	6205.	159.	5139.	111.	-3.	11.4	4.6	-219.	-1.	-1.	8.1	4386.	149.	2.9	-81.	2.294
445335	.4	8399.	437.	7818.	-38.	-2.	13.9	5.2	-236.	-1.	-1.	7.5	4431.	182.	3.6	117.	2.237
445337	.3	7319.	1756.	4454.	-54.	-2.	13.0	4.7	-470.	-2.	-1.	8.5	3385.	172.	3.6	-81.	2.646
445338	.3	9305.	307.	8727.	-42.	-2.	15.1	5.2	-213.	-1.	-1.	7.3	4781.	189.	3.5	62.	2.227
445339	.2	12210.	378.	3507.	55.	-2.	9.6	4.9	275.	-1.	-1.	5.8	2177.	108.	2.2	-51.	2.283
445341	.2	6015.	679.	4089.	-57.	-2.	9.4	3.3	-338.	-2.	-1.	6.6	3280.	108.	3.0	172.	2.309
445343	.3	8393.	652.	4645.	84.	-2.	13.4	4.5	-320.	-2.	-2.	10.1	3889.	165.	-1.8	210.	2.985
445355	.2	3751.	514.	3265.	-43.	-2.	9.7	2.6	-337.	-1.	-1.	5.6	2967.	87.	-1.7	134.	2.045
445360	.3	7404.	383.	8533.	-61.	-3.	14.2	3.0	-274.	-2.	-1.	6.8	4739.	180.	-2.2	-72.	2.119
445366	.3	3619.	1000.	5399.	-44.	-2.	10.5	2.5	-341.	-1.	-1.	5.2	4041.	108.	-1.9	125.	2.262
445367	.4	-20840.	19570.	2535.	-66.	-3.	11.0	5.5	-999.	-2.	-1.	4.9	-999.	-117.	-2.3	326.	1.984
445385	.3	7434.	1011.	13250.	-37.	-2.	14.3	3.7	-359.	-1.	-1.	4.5	3803.	139.	3.0	110.	2.283
445387	.3	2905.	231.	6184.	-36.	-2.	11.2	2.8	-242.	-1.	-1.	7.3	4356.	90.	3.1	-41.	2.849
445390	.4	7349.	931.	3226.	108.	-2.	18.1	6.5	-251.	-1.	-1.	11.0	5878.	156.	3.5	-47.	2.725
445391	.5	6589.	870.	2987.	92.	-2.	18.3	7.1	-277.	-1.	-1.	13.5	5917.	144.	4.4	-40.	3.165
445392	.3	4891.	754.	1241.	106.	-2.	14.0	4.0	-208.	-1.	-1.	10.3	4818.	147.	-1.4	-46.	2.445
445393	.4	5066.	958.	3184.	106.	-2.	17.3	6.7	-262.	-1.	-1.	12.8	5824.	152.	3.4	116.	2.933
445394	.3	4054.	1011.	1747.	137.	-2.	17.9	3.8	-266.	-2.	-1.	10.3	6056.	161.	4.4	-24.	2.439
445395	.4	5609.	732.	2852.	82.	-2.	14.1	4.3	-222.	-1.	-1.	9.1	5764.	143.	4.3	-50.	2.381
445396	.3	5581.	570.	2372.	77.	-1.	11.7	5.3	-214.	-1.	-1.	8.9	4372.	109.	2.8	-50.	2.725
445397	.3	5688.	657.	4766.	103.	-2.	14.2	4.8	-223.	-1.	-1.	10.0	5428.	129.	4.0	-46.	2.646
445398	.2	3630.	487.	515.	-23.	1.	7.1	3.4	-146.	-1.	-1.	5.4	2800.	80.	1.7	85.	2.141
445399	.2	3528.	444.	546.	44.	-1.	7.4	3.8	-155.	-1.	-1.	6.1	2443.	74.	1.9	119.	2.488
445400	.4	8629.	704.	3003.	101.	-2.	20.6	5.7	-207.	-1.	1.	7.8	9127.	163.	4.3	-43.	2.857
445401	-.2	6318.	739.	2060.	-68.	-3.	7.0	1.9	-393.	-2.	-1.	4.2	1727.	87.	-2.6	-76.	.921
445402	.2	18520.	163.	1419.	41.	-1.	6.2	2.4	354.	-1.	-1.	3.4	2086.	78.	2.0	95.	1.009
445403	-.1	36880.	91.	451.	-29.	-1.	2.9	1.4	193.	-1.	-1.	1.3	869.	43.	-1.1	98.	.409
445404	.2	9239.	194.	1381.	53.	-1.	7.0	2.1	-132.	-1.	-1.	3.9	2133.	77.	2.1	-31.	1.258
445405	.2	9272.	199.	1530.	-37.	-2.	6.8	2.1	-186.	-1.	1.	3.3	1996.	85.	-1.2	149.	.897
445406	.2	16540.	135.	883.	-31.	-1.	6.8	3.1	-168.	-1.	-1.	3.4	1832.	88.	1.8	188.	.640
445407	.1	12740.	241.	1134.	-35.	-2.	7.0	2.5	377.	-1.	-1.	3.7	1930.	78.	1.9	125.	1.167
445408	.1	9759.	73.	637.	-23.	-1.	3.8	1.6	387.	-1.	-999.	1.7	723.	43.	1.4	202.	.512
445409	.2	10170.	252.	3136.	91.	-2.	9.8	2.6	-162.	-1.	-1.	5.4	3105.	145.	2.7	177.	1.678

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445410	68.5636	147.8928	8.	370.	14.	3.79	-5.	-5.	-5.	37.	-20.	53.	9.	-10.	-15.
445411	68.5533	147.8739	-999.	-999.	14.	4.68	-5.	-5.	-5.	25.	-20.	66.	8.	-10.	-15.
445412	68.5572	147.7528	8.	702.	4.	3.48	-5.	5.	-5.	42.	-20.	67.	18.	-10.	24.
445413	68.5442	147.7686	8.	272.	15.	2.69	-5.	-5.	-5.	18.	-20.	44.	14.	-10.	-15.
445414	68.5050	147.7258	9.	375.	9.	3.30	-5.	-5.	-5.	35.	-20.	53.	13.	-10.	-15.
445415	68.5147	147.7078	9.	162.	9.	3.31	-5.	6.	-5.	34.	-20.	25.	10.	-10.	-15.
445416	68.5189	147.8275	8.	575.	10.	2.64	-5.	-5.	-5.	31.	-20.	52.	10.	-10.	23.
445417	68.4997	147.8228	9.	240.	14.	2.66	-5.	-5.	-5.	23.	-20.	45.	5.	-10.	-15.
445418	68.4697	147.7372	8.	486.	15.	2.43	-5.	-5.	-5.	36.	-20.	56.	9.	-10.	-15.
445419	68.4608	147.7100	8.	356.	9.	2.28	-5.	-5.	-5.	11.	-20.	41.	-5.	-10.	18.
445420	68.4308	147.6628	9.	109.	3.	3.94	-5.	-5.	-5.	29.	-20.	37.	-5.	-10.	-15.
445421	68.4217	147.7078	8.	244.	1.	2.24	-5.	-5.	-5.	26.	-20.	32.	-5.	-10.	27.
445422	68.4142	147.6200	9.	378.	28.	2.57	-5.	5.	-5.	27.	-20.	58.	13.	-10.	16.
445423	68.4039	147.6844	8.	51.	19.	3.14	-5.	7.	5.	23.	-20.	60.	7.	-10.	16.
445424	68.3922	147.6428	8.	111.	-999.	4.07	-5.	-5.	-5.	48.	-20.	63.	26.	-10.	-15.
445425	68.3919	147.6258	8.	39.	-999.	3.69	-5.	5.	-5.	44.	-20.	31.	31.	-10.	17.
445426	68.3772	147.6897	8.	70.	9.	3.98	-5.	-5.	-5.	35.	-20.	49.	17.	-10.	-15.
445427	68.3681	147.7083	8.	154.	9.	4.23	-5.	-5.	-5.	51.	-20.	50.	26.	-10.	27.
445428	68.3397	147.7053	8.	243.	23.	3.51	-5.	7.	-5.	44.	-20.	36.	19.	-10.	18.
445429	68.3464	147.7094	7.	122.	-999.	3.46	-5.	-5.	-5.	38.	-20.	26.	18.	-10.	-15.
445430	68.3497	147.5553	9.	53.	7.	5.01	-5.	-5.	-5.	51.	-20.	41.	37.	-10.	17.
445431	68.3272	147.4986	8.	249.	23.	3.71	-5.	5.	-5.	47.	-20.	54.	21.	-10.	-15.
445432	68.3214	147.4689	9.	69.	23.	3.42	-5.	5.	-5.	49.	-20.	37.	18.	-10.	-15.
445433	68.3061	147.4642	8.	666.	7.	2.85	-5.	-5.	-5.	40.	-20.	31.	18.	-10.	17.
445434	68.2792	147.4744	8.	316.	11.	3.43	-5.	-5.	-5.	51.	-20.	46.	7.	-10.	-15.
445435	68.2550	147.4236	8.	621.	23.	4.01	-5.	5.	-5.	72.	-20.	47.	16.	-10.	16.
445436	68.2356	147.4778	8.	420.	15.	3.64	-5.	5.	-5.	76.	-20.	83.	26.	-10.	38.
445437	68.2486	147.3603	8.	332.	7.	3.72	-5.	-5.	-5.	54.	-20.	44.	17.	-10.	-15.
445438	68.2300	147.3606	8.	428.	22.	3.52	-5.	7.	-5.	52.	-20.	60.	22.	-10.	-15.
445439	68.2092	147.2933	7.	660.	6.	3.91	-5.	-5.	-5.	52.	-20.	60.	22.	-10.	-15.
445440	68.1992	147.2967	8.	130.	15.	3.62	-5.	8.	-5.	50.	-20.	36.	17.	-10.	-15.
445441	68.1550	147.3372	8.	381.	17.	3.81	-5.	-5.	-5.	58.	-20.	59.	10.	-10.	40.
445442	68.1669	147.3689	8.	269.	17.	3.72	-5.	-5.	-5.	57.	-20.	46.	19.	-10.	-15.
445443	68.0775	147.2536	8.	466.	10.	3.33	-5.	-5.	-5.	54.	-20.	51.	7.	-10.	16.
445444	68.0814	147.2533	9.	85.	18.	3.21	-5.	-5.	-5.	27.	-20.	61.	6.	-10.	20.
445445	68.0703	147.3369	9.	46.	6.	3.49	-5.	-5.	-5.	37.	-20.	53.	21.	-10.	-15.
445446	68.0544	147.3578	8.	289.	6.	3.95	-5.	10.	-5.	40.	-20.	56.	19.	-10.	23.
445447	68.0667	147.3197	8.	44.	6.	3.53	-5.	5.	-5.	47.	-20.	71.	15.	-10.	23.
445448	68.0686	147.3953	-999.	-999.	17.	3.69	-5.	-5.	-5.	49.	-20.	65.	16.	-10.	29.
445449	68.0764	147.4489	-999.	-999.	17.	3.90	-5.	-5.	-5.	42.	-20.	49.	17.	-10.	-15.
445450	68.0642	147.5194	-999.	-999.	15.	3.15	-5.	-5.	-5.	63.	-20.	41.	22.	-10.	19.
445451	68.0656	147.5392	-999.	-999.	10.	3.21	-5.	-5.	-5.	36.	-20.	40.	-5.	-10.	-15.
445452	68.0397	147.5636	-999.	-999.	9.	2.93	-5.	-5.	-5.	47.	-20.	61.	16.	-10.	-15.
445453	68.0256	147.5214	-999.	-999.	9.	2.91	-5.	6.	-5.	48.	-20.	70.	14.	-10.	-15.
445454	68.0169	147.4750	-999.	-999.	9.	3.67	-5.	7.	-5.	46.	-20.	49.	18.	-10.	18.
445455	68.0169	147.4108	-999.	-999.	9.	3.94	-5.	5.	-5.	41.	-20.	59.	9.	-10.	-15.
445456	68.0436	147.3228	-999.	-999.	3.	3.47	-5.	12.	-5.	44.	-20.	53.	19.	-10.	17.
445457	68.0403	147.3347	-999.	-999.	3.	4.06	-5.	-5.	-5.	21.	-20.	22.	5.	-10.	-15.
445458	68.0211	147.2075	-999.	-999.	4.	3.22	-5.	-5.	-5.	29.	-20.	40.	8.	-10.	17.
445459	68.0131	147.1908	-999.	-999.	4.	4.44	-5.	-5.	-5.	35.	-20.	31.	6.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445410	-999.	-999.	65390.	-0.	804.	11780.	51.	-62.	7.5	118.	7.3	5.	1.2	36600.	4.3	18060.	28.
445411	-999.	-999.	54820.	-0.	560.	15710.	53.	-63.	12.3	103.	6.1	5.	1.0	35590.	4.9	20630.	36.
445412	-999.	-999.	66800.	-0.	1455.	8535.	61.	-57.	10.5	120.	6.7	4.	1.1	40300.	4.6	18470.	30.
445413	-999.	-999.	61440.	-0.	390.	36100.	46.	-72.	9.2	101.	6.0	4.	.7	29220.	2.1	16120.	31.
445414	-999.	-999.	74370.	-0.	512.	12520.	65.	-66.	12.4	97.	6.6	6.	1.2	35400.	4.1	17210.	37.
445415	-999.	-999.	47650.	-0.	479.	100700.	46.	-59.	11.8	68.	5.0	4.	1.2	31950.	3.6	14510.	32.
445416	-999.	-999.	66530.	-0.	506.	63420.	57.	-66.	11.4	109.	7.3	5.	1.0	38380.	2.9	18780.	31.
445417	-999.	-999.	40080.	-0.	216.	188700.	24.	-64.	6.1	53.	2.7	3.	.6	18330.	1.8	9675.	19.
445418	-999.	-999.	67190.	-0.	489.	106200.	45.	-73.	13.0	94.	5.3	4.	1.0	36080.	2.8	15370.	27.
445419	-999.	-999.	46410.	-0.	287.	169400.	32.	-67.	9.3	62.	3.7	3.	.6	26600.	2.0	11490.	24.
445420	-999.	-999.	17990.	-0.	191.	231400.	18.	-58.	1.7	60.	1.7	3.	.4	11980.	.7	6177.	21.
445421	-999.	-999.	35360.	-0.	256.	179300.	24.	-61.	6.9	53.	3.0	3.	.6	22040.	1.5	11130.	19.
445422	-999.	-999.	61510.	-0.	391.	107900.	41.	-72.	14.9	95.	5.6	4.	1.0	36290.	2.4	16330.	26.
445423	-999.	-999.	25480.	-0.	-124.	158300.	27.	-75.	5.2	73.	-1.7	4.	.9	19590.	-1.1	10590.	24.
445424	-999.	-999.	55950.	-0.	428.	42570.	64.	-63.	17.2	100.	5.8	5.	1.3	35590.	6.4	13250.	36.
445425	-999.	-999.	54600.	-0.	701.	7491.	59.	-60.	15.1	90.	8.4	6.	1.2	31450.	6.6	14410.	36.
445426	-999.	-999.	56480.	-0.	584.	6678.	64.	-51.	16.3	86.	6.8	5.	1.3	31960.	6.8	12820.	38.
445427	-999.	-999.	66400.	-0.	535.	-895.	85.	-68.	22.5	93.	7.0	6.	1.5	39350.	8.4	12200.	37.
445428	-999.	-999.	54220.	-0.	240.	3169.	78.	-55.	16.1	94.	4.4	5.	1.2	38400.	8.9	14180.	29.
445429	-999.	-999.	51320.	-0.	315.	2667.	57.	-51.	16.9	85.	4.5	5.	1.1	35010.	8.3	13430.	34.
445430	-999.	-999.	79910.	-0.	487.	-971.	94.	-68.	16.6	102.	17.2	8.	1.7	39290.	8.5	19710.	50.
445431	-999.	-999.	73920.	-0.	527.	2735.	89.	-78.	22.0	91.	7.7	6.	1.5	40920.	8.6	19130.	42.
445432	-999.	-999.	55330.	-0.	359.	2998.	77.	-62.	17.0	97.	6.1	4.	1.3	40960.	9.0	14670.	36.
445433	-999.	-999.	65620.	-0.	655.	72000.	51.	-72.	14.5	65.	5.7	4.	1.1	37590.	4.0	16780.	31.
445434	-999.	-999.	79340.	-0.	572.	4016.	76.	-84.	23.1	120.	6.2	5.	1.4	51860.	5.6	17770.	40.
445435	-999.	-999.	90910.	-0.	542.	-1175.	93.	-109.	25.2	119.	8.2	7.	1.7	54930.	7.0	23380.	45.
445436	-999.	-999.	83520.	-0.	432.	5321.	88.	-105.	30.0	129.	8.8	5.	1.6	58610.	5.4	19520.	42.
445437	-999.	-999.	87920.	-0.	524.	4106.	73.	-97.	19.5	102.	10.7	6.	1.1	43430.	4.0	19970.	41.
445438	-999.	-999.	81480.	-0.	1282.	9530.	75.	-85.	17.4	100.	7.4	6.	1.4	49560.	6.3	21020.	39.
445439	-999.	-999.	97320.	-0.	633.	-1170.	84.	-108.	21.0	106.	11.4	6.	1.5	54050.	5.3	24580.	42.
445440	-999.	-999.	89240.	-0.	397.	4094.	89.	-90.	12.7	90.	9.7	6.	1.5	42630.	5.4	22540.	42.
445441	-999.	-999.	74930.	-0.	624.	2225.	69.	-63.	17.0	113.	9.4	6.	1.3	42000.	6.7	21950.	37.
445442	-999.	-999.	78240.	-0.	596.	13400.	67.	-77.	15.0	80.	9.6	5.	1.4	41730.	5.4	20470.	38.
445443	-999.	-999.	89280.	-0.	570.	31320.	74.	-104.	18.5	91.	9.5	6.	1.6	46580.	5.6	25920.	41.
445444	-999.	-999.	88150.	-0.	522.	2272.	59.	-67.	13.2	125.	6.3	6.	1.5	53140.	5.3	23370.	35.
445445	-999.	-999.	87680.	-0.	747.	3960.	76.	-90.	16.1	112.	7.9	7.	1.7	48260.	5.8	18860.	38.
445446	-999.	-999.	79640.	-0.	813.	-1586.	79.	-135.	18.5	125.	9.2	6.	1.6	51580.	6.7	14670.	45.
445447	-999.	-999.	96540.	-0.	588.	-1020.	90.	-86.	20.2	134.	5.3	7.	1.5	56440.	7.1	21800.	45.
445448	-999.	-999.	89880.	-0.	596.	-906.	88.	-78.	16.5	121.	7.9	6.	1.5	52290.	6.4	21550.	45.
445449	-999.	-999.	79430.	-0.	644.	-638.	68.	-67.	19.6	107.	6.5	7.	1.4	45100.	8.3	19540.	35.
445450	-999.	-999.	79540.	-0.	668.	-937.	73.	-89.	20.1	108.	4.7	5.	1.4	74460.	4.2	14880.	40.
445451	-999.	-999.	66620.	-0.	458.	16770.	76.	-82.	14.0	75.	5.2	7.	1.5	36430.	8.0	19460.	41.
445452	-999.	-999.	80420.	-0.	607.	31880.	70.	-66.	16.6	102.	5.6	5.	1.4	45980.	5.1	20940.	34.
445453	-999.	-999.	75870.	-0.	634.	39660.	79.	-90.	13.9	102.	7.2	4.	1.4	48670.	5.5	21880.	38.
445454	-999.	-999.	80440.	-0.	820.	29770.	100.	-69.	[illegible]	82.	7.7	7.	1.5	36720.	5.4	24850.	59.
445455	-999.	-999.	81010.	-0.	734.	2034.	121.	-66.	15.	102.	8.5	7.	2.1	42450.	6.7	24140.	67.
445456	-999.	-999.	78240.	-0.	695.	35120.	92.	-76.	14.1	87.	7.4	6.	1.6	39990.	5.6	21360.	46.
445457	-999.	-999.	15140.	-0.	671.	247000.	32.	-73.	3.6	22.	2.3	2.	.5	14720.	1.8	3917.	16.
445458	-999.	-999.	53300.	-0.	833.	16240.	58.	-151.	12.4	70.	5.0	5.	1.2	31820.	4.5	16000.	34.
445459	-999.	-999.	21090.	-0.	523.	191000.	29.	-72.	4.8	43.	2.9	2.	.7	16430.	2.6	7322.	13.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445410	.3	6805.	1170.	3852.	107.	-2.	13.8	4.6	-175.	-1.	-1.	8.1	3491.	195.	2.9	200.	2.137
445411	.4	8063.	334.	3704.	93.	-2.	13.0	4.5	-191.	-1.	-1.	8.6	3930.	131.	3.9	154.	1.838
445412	.4	7342.	221.	3957.	116.	-2.	15.0	3.1	-175.	-1.	1.	8.2	4015.	174.	3.7	-41.	2.358
445413	-.1	5928.	149.	2308.	-53.	-2.	11.0	3.1	-170.	-2.	-1.	5.9	3314.	156.	2.5	-80.	2.193
445414	.4	4200.	391.	2080.	91.	-2.	15.9	5.9	-239.	-1.	-1.	9.5	4717.	154.	3.0	108.	2.882
445415	.2	6055.	501.	1396.	94.	2.	11.2	5.1	-188.	-1.	-1.	8.4	3706.	108.	3.1	-115.	2.538
445416	.3	6766.	374.	2476.	73.	-2.	13.8	4.3	-214.	-1.	-1.	7.6	3468.	143.	3.6	126.	2.882
445417	.2	9821.	246.	1513.	-32.	-2.	6.8	2.2	289.	-1.	-1.	4.2	1907.	81.	1.2	116.	1.580
445418	.2	8956.	436.	2768.	102.	-1.	12.9	4.4	315.	-1.	-1.	7.1	3315.	134.	2.3	144.	2.924
445419	.1	9987.	292.	1894.	62.	-2.	9.3	3.3	401.	-1.	-1.	5.1	2023.	97.	2.2	105.	2.237
445420	.2	13050.	145.	776.	-21.	-1.	4.6	2.1	226.	-1.	-999.	2.6	904.	63.	1.3	105.	.660
445421	.1	10710.	263.	1783.	43.	-1.	7.4	2.2	347.	-1.	-1.	3.7	1780.	82.	-1.4	146.	1.653
445422	.3	9564.	497.	2623.	93.	-1.	12.4	4.0	-188.	-1.	-1.	6.9	3078.	141.	2.3	176.	2.688
445423	.2	8016.	318.	1620.	-39.	-2.	6.5	3.5	-211.	-2.	-1.	3.1	1465.	86.	2.1	190.	.987
445424	.5	3791.	910.	1336.	54.	-2.	14.4	5.1	-258.	-1.	-1.	10.2	4980.	118.	3.1	-44.	2.506
445425	.3	4008.	792.	1479.	80.	-2.	12.0	3.9	-279.	-1.	-1.	9.3	4647.	136.	3.5	-33.	2.392
445426	.3	3773.	674.	1516.	74.	-1.	12.7	5.4	-231.	-1.	1.	9.6	4244.	127.	3.2	-101.	2.410
445427	.4	3674.	1090.	1413.	81.	-2.	15.1	6.2	-248.	-1.	-1.	11.4	5260.	141.	4.2	-101.	2.695
445428	.3	3971.	839.	1461.	65.	-2.	12.4	5.4	-241.	-1.	-1.	10.5	4337.	118.	4.0	99.	2.994
445429	.3	3440.	862.	1160.	89.	-2.	10.7	4.4	-221.	-1.	-1.	9.0	4668.	104.	3.0	-42.	2.604
445430	.4	-1836.	949.	1659.	130.	-2.	17.2	8.1	-356.	-1.	-1.	15.8	6672.	139.	4.6	129.	3.155
445431	.4	4574.	978.	3933.	113.	-2.	15.4	6.7	-249.	2.	-1.	12.0	5450.	126.	4.3	134.	3.236
445432	.3	2994.	966.	1237.	79.	-2.	13.5	5.4	-265.	-1.	1.	11.4	4662.	107.	3.1	-39.	3.333
445433	.3	6917.	646.	3484.	92.	-2.	13.8	3.8	413.	-1.	-1.	10.5	3787.	101.	3.0	-84.	3.690
445434	.4	9487.	849.	6303.	99.	-2.	19.5	6.4	-291.	-1.	-1.	11.5	6051.	141.	3.4	66.	3.356
445435	.4	7883.	973.	6687.	143.	-3.	21.1	7.9	-305.	-1.	-2.	15.6	6046.	161.	5.7	-57.	3.891
445436	.4	13090.	1175.	7838.	117.	-2.	22.5	6.0	-343.	-1.	-1.	12.5	5192.	156.	4.4	-51.	3.436
445437	.3	9216.	945.	5988.	136.	-3.	17.6	4.9	-335.	-2.	-2.	12.3	5270.	150.	3.8	168.	3.311
445438	.3	8453.	688.	6349.	135.	-2.	17.4	6.4	-281.	1.	-1.	12.6	5319.	150.	3.2	90.	3.584
445439	.4	9001.	922.	6661.	153.	-3.	19.7	8.3	-308.	-2.	-2.	13.2	5469.	176.	4.0	125.	3.378
445440	.3	9255.	617.	6043.	142.	-2.	18.8	6.5	-288.	-1.	2.	13.0	4870.	173.	4.5	-54.	3.597
445441	.4	6135.	750.	3102.	120.	-1.	15.2	4.7	-233.	-1.	-1.	10.5	5624.	156.	5.0	-26.	2.755
445442	.3	7881.	529.	4890.	125.	-2.	15.8	5.9	-252.	-1.	-1.	11.6	4673.	180.	3.6	87.	3.115
445443	.4	8046.	641.	5494.	141.	-3.	18.3	6.8	-271.	-1.	-2.	9.4	4548.	174.	4.8	-53.	2.825
445444	.4	7609.	322.	4347.	128.	-2.	18.7	5.8	-208.	-1.	-1.	10.2	4408.	182.	3.4	150.	3.175
445445	.4	6648.	792.	3647.	130.	-2.	18.8	7.2	-349.	-1.	-1.	11.4	5688.	171.	3.5	118.	3.268
445446	.4	4766.	2232.	3600.	133.	-3.	18.7	6.7	-615.	-1.	-2.	12.7	5140.	181.	5.0	129.	3.215
445447	.5	6866.	827.	3304.	136.	-3.	20.6	6.5	-285.	-1.	-2.	12.9	5350.	178.	5.1	-63.	3.650
445448	.4	5741.	660.	3933.	137.	-2.	18.5	6.4	-281.	-1.	-1.	12.4	5132.	175.	3.8	202.	3.356
445449	.4	5832.	673.	3461.	96.	-3.	16.0	4.7	-251.	-2.	-1.	11.7	6082.	171.	4.1	-37.	3.003
445450	.3	7039.	661.	4193.	122.	-2.	18.3	5.6	-336.	-1.	-1.	9.9	4450.	162.	3.2	204.	3.145
445451	.4	5685.	556.	3583.	-52.	-3.	14.4	6.6	-237.	-1.	-1.	9.7	4555.	124.	4.5	110.	3.021
445452	.3	7380.	476.	3977.	89.	-2.	16.5	6.2	-214.	-1.	-1.	9.8	4770.	161.	3.1	120.	3.344
445453	.4	7057.	1107.	3694.	100.	-2.	16.8	5.6	-326.	-1.	-1.	9.8	3959.	151.	3.1	190.	3.367
445454	.3	7423.	363.	4514.	117.	-2.	14.5	6.4	-206.	-1.	-1.	15.2	5014.	175.	3.5	154.	4.149
445455	.4	5869.	286.	4326.	139.	2.	16.4	10.7	-210.	-1.	-1.	19.9	5226.	159.	4.1	146.	5.651
445456	.4	6796.	333.	3828.	120.	3.	15.6	7.7	-189.	-1.	-1.	12.9	4238.	155.	2.0	-123.	3.717
445457	.1	15520.	425.	642.	-22.	3.	4.3	2.0	-195.	-1.	-999.	2.7	818.	97.	1.2	-48.	.665
445458	.3	10010.	2663.	5895.	-56.	-3.	13.2	4.1	-579.	-2.	-1.	7.3	2870.	140.	-2.7	197.	2.268
445459	.1	39540.	374.	1344.	-24.	4.	5.4	3.1	-218.	-1.	-1.	4.8	1713.	99.	1.2	34.	1.081

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445460	68.0117	147.1108	-999.	-999.	4.	4.79	-5.	-5.	-5.	23.	-20.	28.	11.	-10.	-15.
445461	68.0481	147.0781	-999.	-999.	7.	5.15	-5.	7.	-5.	32.	-20.	39.	9.	-10.	17.
445462	68.0594	147.0553	-999.	-999.	10.	2.57	-5.	-5.	-5.	29.	-20.	38.	11.	-10.	-15.
445463	68.0833	147.1117	-999.	-999.	17.	3.40	-5.	-5.	-5.	34.	-20.	58.	11.	-10.	-15.
445464	68.5961	148.1975	8.	175.	4.	3.04	-5.	-5.	-5.	21.	-20.	67.	-5.	-10.	-15.
445465	68.5992	148.1558	-999.	-999.	19.	3.42	-5.	5.	-5.	19.	-20.	42.	6.	-10.	-15.
445466	68.5675	148.1947	8.	271.	9.	3.03	-5.	-5.	-5.	25.	-20.	30.	6.	-10.	-15.
445467	68.5433	148.1439	8.	236.	19.	4.30	-5.	-5.	-5.	27.	-20.	53.	7.	-10.	17.
445468	68.5394	148.0894	8.	207.	6.	3.76	-5.	-5.	-5.	58.	-20.	37.	15.	-10.	-15.
445469	68.5328	148.0417	8.	151.	36.	3.41	-5.	-5.	-5.	48.	-20.	38.	12.	-10.	-15.
445470	68.5533	148.0005	8.	272.	15.	3.93	-5.	-5.	-5.	21.	-20.	56.	-5.	-10.	-15.
445471	68.5300	147.9817	8.	168.	12.	3.86	-5.	-5.	-5.	39.	-20.	54.	17.	-10.	-15.
445472	68.5058	147.9578	8.	225.	20.	3.23	-5.	-5.	-5.	32.	-20.	54.	12.	-10.	21.
445473	68.4969	147.9639	8.	121.	20.	3.69	-5.	6.	-5.	50.	-20.	69.	16.	-10.	15.
445474	68.4636	147.8514	8.	222.	7.	2.44	-5.	-5.	-5.	26.	-20.	48.	7.	-10.	15.
445475	68.4594	147.8694	-999.	-999.	7.	3.69	-5.	7.	-5.	46.	-20.	56.	26.	-10.	-15.
445476	68.4542	147.9219	8.	216.	19.	3.30	-5.	-5.	-5.	41.	-20.	48.	13.	-10.	-15.
445477	68.4489	147.9300	8.	195.	-999.	3.09	-5.	-5.	-5.	37.	-20.	58.	19.	-10.	20.
445478	68.4242	147.8844	8.	186.	25.	3.85	-5.	8.	-5.	57.	-20.	57.	18.	-10.	-15.
445479	68.4322	147.8786	-999.	-999.	25.	2.16	-5.	-5.	-5.	17.	-20.	27.	-5.	-10.	-15.
445480	68.3947	147.8644	8.	243.	25.	4.00	-5.	-5.	-5.	49.	-20.	55.	20.	-10.	-15.
445481	68.3883	147.8192	8.	105.	12.	4.10	-5.	5.	-5.	65.	-20.	51.	32.	-10.	25.
445482	68.3875	147.8044	8.	216.	12.	4.13	-5.	9.	-5.	57.	-20.	61.	31.	-10.	-15.
445483	68.3142	147.8203	8.	150.	38.	3.75	-5.	9.	-5.	56.	-20.	39.	17.	-10.	-15.
445484	68.3247	147.8203	-999.	-999.	38.	3.59	-5.	-5.	-5.	46.	-20.	51.	18.	-10.	-15.
445485	68.3050	147.7717	8.	75.	38.	3.95	-5.	-5.	-5.	56.	-20.	41.	20.	-10.	17.
445486	68.2975	147.7622	8.	66.	-999.	3.55	-5.	-5.	-5.	36.	-20.	27.	13.	-10.	-15.
445487	68.2919	147.6600	-999.	-999.	25.	3.74	-5.	-5.	-5.	53.	-20.	39.	19.	-10.	-15.
445488	68.3014	147.6761	8.	165.	25.	3.77	-5.	6.	-5.	54.	-20.	30.	18.	-10.	-15.
445489	68.2583	147.5356	8.	490.	12.	3.55	-5.	-5.	-5.	53.	-20.	72.	13.	-10.	-15.
445490	68.2633	147.5561	8.	615.	12.	3.40	-5.	6.	-5.	65.	-20.	55.	15.	-10.	-15.
445491	68.2889	147.5206	8.	172.	19.	3.33	-5.	-5.	-5.	47.	-20.	30.	23.	-10.	-15.
445492	68.2792	147.5122	8.	517.	-999.	3.41	-5.	7.	-5.	47.	-20.	44.	17.	-10.	-15.
445493	68.1644	147.2394	8.	328.	19.	3.40	-5.	-5.	-5.	46.	-20.	60.	17.	-10.	-15.
445494	68.1589	147.1747	8.	369.	19.	3.66	-5.	-5.	-5.	44.	-20.	67.	18.	-10.	27.
445495	68.1672	147.3258	8.	328.	25.	3.43	-5.	-5.	-5.	48.	-20.	50.	18.	-10.	-15.
445496	68.1639	147.3422	8.	325.	25.	3.58	-5.	5.	-5.	43.	-20.	58.	19.	-10.	-15.
445497	68.1544	147.4444	8.	318.	19.	3.16	-5.	-5.	-5.	47.	-20.	40.	16.	-10.	-15.
445498	68.1483	147.4389	-999.	-999.	9.	3.61	-5.	-5.	-5.	53.	-20.	58.	20.	-10.	25.
445499	68.2025	147.4708	8.	384.	12.	3.75	-5.	-5.	-5.	56.	-20.	40.	14.	-10.	-15.
445500	68.1964	147.4883	8.	274.	12.	3.63	-5.	-5.	-5.	55.	-20.	62.	12.	-10.	-15.
445507	68.7708	149.0753	7.	13.	1.	2.58	-5.	-5.	-5.	16.	-20.	18.	5.	-10.	-15.
445532	68.8308	149.3069	7.	11.	-999.	2.12	-5.	-5.	-5.	11.	-20.	19.	-5.	-10.	-15.
445547	68.8783	149.2525	7.	9.	10.	2.22	-5.	-5.	-5.	17.	-20.	20.	-5.	-10.	-15.
445548	68.8836	149.2367	-999.	-999.	10.	2.01	-5.	-5.	-5.	14.	-20.	-15.	5.	-10.	-15.
445555	68.9217	149.6722	6.	14.	8.	1.01	-5.	-5.	6.	-10.	-20.	-15.	-5.	-10.	-15.
445556	68.9231	149.6936	7.	16.	5.	2.26	-5.	-5.	-5.	27.	-20.	42.	6.	-10.	-15.
445565	68.9242	149.2256	6.	18.	10.	2.94	-5.	-5.	-5.	26.	-20.	15.	13.	-10.	-15.
445566	68.9183	149.2400	6.	9.	10.	2.27	-5.	-5.	-5.	-10.	-20.	23.	5.	-10.	-15.
445613	68.5408	149.3147	8.	30.	5.	1.95	-5.	-5.	-5.	45.	-20.	45.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445460	-999.	-999.	36100.	-0.	459.	147400.	35.	-83.	7.3	43.	4.0	.3.	1.0	22910.	3.3	7229.	22.
445461	-999.	-999.	64990.	-0.	397.	12950.	69.	181.	10.7	86.	5.1	.5.	1.2	34810.	4.2	16120.	34.
445462	-999.	-999.	50530.	-0.	626.	90120.	41.	-67.	11.9	62.	3.9	4.	.9	27920.	4.3	13140.	26.
445463	-999.	-999.	71850.	-0.	828.	17460.	66.	-84.	10.6	114.	8.0	5.	1.4	48110.	5.2	22430.	35.
445464	-999.	-999.	23870.	-0.	-114.	105600.	25.	-75.	4.0	43.	3.8	2.	.6	17060.	2.8	5662.	16.
445465	-999.	-999.	34910.	-0.	398.	98910.	41.	-67.	3.6	77.	4.0	3.	.8	21810.	2.7	13690.	21.
445466	-999.	-999.	28240.	-0.	249.	169400.	24.	-63.	6.6	47.	3.0	3.	.5	15230.	1.7	10060.	18.
445467	-999.	-999.	49700.	-0.	1439.	82030.	45.	-74.	9.3	79.	5.8	4.	.7	28660.	3.9	19500.	29.
445468	-999.	-999.	69080.	-0.	465.	34920.	72.	-71.	17.5	97.	5.8	5.	1.4	45090.	6.0	18930.	37.
445469	-999.	-999.	49540.	-0.	365.	13450.	51.	-50.	14.6	87.	4.9	4.	1.1	39000.	6.7	11610.	31.
445470	-999.	-999.	32830.	-0.	279.	148700.	20.	-64.	8.1	60.	2.9	4.	.6	17070.	2.5	13290.	22.
445471	-999.	-999.	62770.	-0.	545.	19510.	59.	-70.	13.2	100.	6.8	5.	1.2	36570.	4.5	14700.	37.
445472	-999.	-999.	72270.	-0.	499.	9065.	59.	-67.	12.6	101.	6.7	5.	1.2	33010.	3.1	15960.	34.
445473	-999.	-999.	91910.	-0.	611.	6261.	90.	-79.	18.9	130.	10.2	5.	1.7	51970.	4.8	21250.	49.
445474	-999.	-999.	46100.	-0.	350.	117000.	69.	-58.	13.3	138.	7.5	4.	1.3	49280.	3.6	12950.	43.
445475	-999.	-999.	70330.	-0.	556.	3418.	56.	-58.	17.2	94.	5.6	6.	1.1	37470.	5.1	19350.	31.
445476	-999.	-999.	65770.	-0.	831.	3571.	62.	-66.	18.0	89.	7.0	5.	1.5	42330.	6.4	14480.	30.
445477	-999.	-999.	81210.	-0.	656.	26470.	76.	-75.	15.3	113.	7.9	6.	1.3	44940.	4.5	20010.	35.
445478	-999.	-999.	79810.	-0.	641.	-929.	74.	-72.	20.1	105.	7.1	7.	1.5	45560.	5.5	17000.	36.
445479	-999.	-999.	11530.	-0.	-78.	228500.	10.	-56.	-999.0	39.	.9	2.	.3	7608.	.8	3627.	15.
445480	-999.	-999.	59880.	-0.	574.	1804.	73.	-53.	18.5	95.	7.0	6.	1.0	31580.	6.1	13940.	37.
445481	-999.	-999.	71970.	-0.	622.	-881.	78.	-70.	20.5	109.	8.9	5.	1.6	43500.	8.0	15990.	41.
445482	-999.	-999.	72850.	-0.	476.	-1061.	83.	-77.	23.7	123.	8.4	6.	1.7	42610.	8.0	15280.	40.
445483	-999.	-999.	70710.	-0.	525.	4115.	89.	-88.	25.7	110.	6.9	5.	1.3	47180.	7.6	15550.	38.
445484	-999.	-999.	67160.	-0.	677.	4325.	63.	-78.	21.9	94.	6.4	5.	1.2	39890.	6.3	20740.	36.
445485	-999.	-999.	77230.	-0.	501.	-1035.	80.	-93.	21.8	100.	9.0	6.	1.6	46290.	7.2	21620.	39.
445486	-999.	-999.	66430.	-0.	596.	3130.	77.	-77.	20.6	101.	6.3	6.	1.3	41270.	8.1	20220.	39.
445487	-999.	-999.	77150.	-0.	454.	2837.	87.	-87.	19.4	105.	8.3	5.	1.4	47750.	6.4	20060.	40.
445488	-999.	-999.	72840.	-0.	556.	-936.	80.	-88.	21.4	97.	6.3	5.	1.4	46190.	7.8	16040.	40.
445489	-999.	-999.	84730.	-0.	466.	4290.	83.	-82.	21.4	100.	8.2	5.	1.5	49410.	5.7	16990.	41.
445490	-999.	-999.	90880.	-0.	510.	2462.	87.	-90.	18.6	94.	6.5	6.	1.5	48550.	5.2	25050.	41.
445491	-999.	-999.	59120.	-0.	312.	8158.	57.	-59.	16.2	81.	4.7	4.	1.0	35780.	7.1	16040.	31.
445492	-999.	-999.	77000.	-0.	490.	2484.	73.	-73.	19.5	98.	6.4	6.	1.4	46800.	6.8	17230.	41.
445493	-999.	-999.	86170.	-0.	697.	7534.	75.	-76.	16.6	90.	9.1	6.	1.4	44450.	4.6	24040.	34.
445494	-999.	-999.	77960.	-0.	629.	7002.	90.	-83.	16.1	104.	8.2	5.	1.5	48390.	7.0	17890.	41.
445495	-999.	-999.	80530.	-0.	451.	13180.	61.	-69.	16.9	74.	7.8	5.	1.3	38310.	5.3	20[illegible]0.	33.
445496	-999.	-999.	77210.	-0.	662.	12260.	69.	-67.	13.5	90.	9.9	6.	1.4	39930.	5.6	19240.	37.
445497	-999.	-999.	59230.	-0.	540.	-859.	74.	-67.	17.6	96.	5.7	5.	1.3	45970.	6.7	18750.	34.
445498	-999.	-999.	68940.	-0.	566.	2510.	86.	-77.	18.4	105.	6.8	6.	1.4	54650.	7.4	20090.	43.
445499	-999.	-999.	80470.	-0.	344.	4455.	64.	-84.	23.6	89.	7.9	5.	1.3	46720.	5.9	21490.	41.
445500	-999.	-999.	84640.	-0.	476.	6313.	77.	-77.	19.9	98.	7.5	6.	1.4	48700.	6.1	19710.	39.
445507	-999.	-999.	48520.	-0.	505.	-1203.	48.	-103.	30.6	85.	4.0	5.	1.1	66310.	4.8	10160.	25.
445532	-999.	-999.	35860.	-0.	315.	-1111.	42.	-86.	20.4	87.	-1.7	3.	1.0	28550.	5.5	7775.	20.
445547	-999.	-999.	40260.	-0.	332.	-685.	50.	-66.	13.9	75.	3.3	3.	1.1	29280.	5.5	7518.	24.
445548	-999.	-999.	25600.	-0.	262.	-510.	51.	-48.	7.1	118.	1.4	4.	.7	1[illegible]220.	8.6	[illegible]041.	23.
445555	-999.	-999.	15050.	-0.	-365.	-1943.	84.	-121.	13.8	-24.	-4.3	4.	1.9	252000.	-2.7	-4029.	12.
445556	-999.	-999.	39440.	-0.	609.	4614.	35.	-164.	24.5	90.	-1.9	4.	1.1	37480.	4.8	-8602.	19.
445565	-999.	-999.	45520.	-0.	603.	-806.	47.	-79.	18.9	107.	4.1	5.	1.1	27530.	7.9	10260.	28.
445566	-999.	-999.	32180.	-0.	307.	-701.	40.	-68.	7.7	108.	1.1	4.	.9	25100.	10.6	5082.	21.
445613	-999.	-999.	56720.	-0.	1330.	9797.	29.	-129.	18.5	185.	-2.2	4.	1.3	39400.	4.3	13470.	17.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445460	.2	22450.	423.	2147.	-33.	-2.	7.7	3.0	-200.	-1.	-1.	5.4	2308.	106.	2.3	-39.	1.127
445461	.3	7281.	421.	3920.	79.	-2.	13.9	6.1	-266.	-1.	-1.	9.3	4436.	123.	2.7	195.	1.805
445462	.2	20720.	408.	2979.	66.	-2.	9.6	3.5	-195.	-1.	-1.	6.5	3723.	108.	2.4	113.	2.532
445463	.4	6055.	458.	3253.	107.	-2.	15.3	6.1	-323.	-1.	-1.	13.8	5259.	147.	3.3	105.	4.065
445464	.2	4420.	395.	968.	-33.	-2.	5.2	1.9	-197.	-1.	-1.	3.4	1369.	64.	-1.2	191.	1.119
445465	.2	5047.	243.	1870.	55.	-2.	8.8	2.8	-193.	-1.	1.	4.5	2210.	94.	2.3	164.	1.316
445466	.1	6751.	263.	1206.	-33.	-2.	5.8	1.6	486.	-1.	-1.	3.3	1998.	69.	-1.3	100.	1.089
445467	.3	7438.	275.	3862.	106.	-2.	11.4	4.1	-208.	-1.	-1.	7.1	3059.	125.	2.5	190.	1.650
445468	.4	6067.	819.	1861.	110.	-2.	16.2	6.2	-230.	-1.	-1.	10.0	4257.	141.	3.4	-57.	2.660
445469	.3	4734.	706.	1311.	65.	-1.	13.0	4.6	-219.	-1.	1.	9.0	3877.	99.	2.8	-81.	2.639
445470	.2	11330.	234.	1725.	-31.	-2.	6.8	2.3	274.	-1.	-1.	4.5	2181.	83.	-1.3	190.	1.145
445471	.3	7558.	627.	2095.	115.	-2.	14.7	5.1	-292.	-1.	-1.	10.2	4135.	134.	4.4	107.	2.646
445472	.4	5382.	349.	2061.	118.	-3.	13.6	3.4	-260.	-2.	-1.	8.2	4631.	143.	3.5	261.	2.538
445473	.5	4678.	929.	2471.	177.	-4.	23.9	7.0	-341.	-2.	-2.	12.4	4339.	182.	5.1	-88.	3.356
445474	.4	12210.	314.	2086.	128.	-2.	18.1	5.4	356.	-1.	-2.	10.2	2896.	103.	3.8	202.	4.184
445475	.3	5247.	687.	1944.	92.	-2.	14.6	4.0	-256.	-1.	-1.	10.1	5748.	139.	3.3	-52.	2.740
445476	.3	4344.	773.	1732.	95.	-2.	14.3	5.7	-236.	-1.	-1.	9.7	4060.	129.	3.2	115.	2.941
445477	.4	7068.	673.	2749.	107.	-2.	17.1	5.4	-234.	-1.	1.	10.3	4945.	178.	3.8	138.	3.333
445478	.4	5222.	747.	2340.	123.	-2.	18.2	6.4	-242.	-1.	-1.	11.8	5832.	150.	3.9	-21.	3.067
445479	.1	12620.	91.	755.	-18.	-1.	3.0	1.3	161.	-1.	-999.	1.4	601.	35.	-.7	44.	.648
445480	.3	2823.	775.	1556.	69.	-2.	13.0	4.2	-240.	-1.	1.	9.6	5440.	134.	3.9	-49.	2.398
445481	.4	7614.	1010.	1869.	109.	-2.	16.7	6.6	-311.	-1.	-1.	11.7	5761.	142.	4.3	138.	2.857
445482	.4	3695.	1145.	1813.	106.	-2.	16.7	6.6	-287.	-1.	-1.	11.9	5131.	148.	5.2	-36.	2.882
445483	.4	9821.	1050.	6246.	106.	-2.	19.3	5.8	-285.	-1.	2.	11.4	4990.	134.	4.1	-42.	3.040
445484	.3	8353.	910.	5844.	-38.	-2.	16.0	4.3	-247.	-1.	-1.	9.8	6226.	134.	3.5	99.	2.732
445485	.4	7500.	1167.	5195.	124.	-2.	18.0	7.0	-362.	-1.	-1.	12.5	6322.	133.	4.1	94.	3.165
445486	.4	7853.	800.	4215.	109.	-2.	14.8	6.7	-235.	-1.	1.	9.6	5161.	124.	3.8	166.	2.703
445487	.4	6723.	1010.	5657.	102.	-2.	17.4	5.9	-295.	-1.	1.	11.9	5813.	138.	4.3	124.	3.185
445488	.4	7101.	947.	5556.	91.	-2.	17.0	6.4	-318.	-1.	-1.	12.4	6044.	124.	3.3	92.	3.289
445489	.3	9641.	882.	6073.	138.	-2.	18.9	6.4	-297.	-1.	-1.	10.9	5561.	145.	5.1	-83.	3.067
445490	.4	8626.	914.	5917.	117.	-2.	18.7	6.1	-256.	-1.	-1.	13.1	5451.	154.	5.2	-47.	3.846
445491	.3	4217.	713.	3114.	89.	-1.	11.9	4.1	-211.	-1.	-1.	8.9	4529.	117.	3.6	104.	2.674
445492	.3	8126.	837.	5660.	131.	-1.	17.3	6.3	-239.	-1.	-1.	12.2	5658.	128.	3.9	-85.	3.571
445493	.3	7808.	560.	5120.	125.	-2.	17.3	6.6	-264.	-1.	-1.	11.8	5295.	166.	3.8	-56.	3.472
445494	.4	5504.	842.	2698.	65.	-2.	17.0	7.0	-284.	-1.	-1.	13.1	5628.	169.	4.8	-52.	3.584
445495	.3	7217.	527.	4914.	95.	[illegible]	14.6	4.9	-216.	-1.	-1.	10.4	4603.	162.	3.5	-32.	3.030
445496	.3	7397.	572.	4788.	121.	-1.	15.7	5.8	-216.	-1.	-1.	11.9	4924.	171.	3.1	-93.	3.322
445497	.3	4989.	1038.	2421.	104.	-2.	13.9	6.0	-278.	-1.	-1.	9.8	4095.	145.	3.7	-42.	3.106
445498	.4	5309.	1224.	2405.	109.	-1.	15.8	5.9	-277.	-1.	-1.	12.5	4587.	143.	5.4	-46.	3.460
445499	.4	8501.	834.	6333.	134.	-2.	17.1	5.1	-269.	-1.	-1.	11.4	4977.	151.	3.5	97.	3.040
445500	.3	9105.	782.	6480.	126.	-1.	18.1	6.6	-245.	-1.	-1.	12.0	5583.	156.	3.5	125.	3.311
445507	.3	5251.	1320.	4383.	-59.	-2.	9.8	3.0	-407.	-1.	-1.	6.7	3817.	97.	2.1	171.	2.597
445532	.2	3588.	1313.	3364.	-40.	-2.	7.1	2.7	-351.	-1.	-1.	5.5	2879.	81.	2.9	-108.	2.597
445547	.2	3272.	473.	3970.	-38.	-1.	8.9	4.0	-222.	-1.	-1.	5.3	3133.	90.	2.4	-91.	2.387
445548	.2	2578.	488.	2880.	-22.	-1.	5.5	3.8	-171.	-1.	-1.	5.6	3398.	52.	1.9	-28.	2.786
445555	-.2	-3317.	2350.	785.	-123.	-4.	6.9	3.7	-717.	-4.	-2.	-2.6	-1724.	54.	-3.3	-131.	-999.000
445556	.2	-3420.	3308.	4537.	-42.	-2.	11.0	4.0	-622.	-1.	-1.	6.1	3057.	97.	2.8	131.	2.703
445565	.3	3817.	567.	5350.	-42.	-2.	9.9	3.5	-265.	-1.	-1.	8.6	3869.	109.	3.0	62.	2.924
445566	.3	2864.	163.	4728.	-27.	-1.	6.4	3.4	-145.	-1.	-1.	5.5	3482.	66.	2.5	41.	2.421
445613	.2	7875.	1165.	13230.	-49.	-2.	16.4	2.9	-394.	-2.	-1.	3.8	5200.	154.	1.5	-70.	1.949

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445614	68.5478	149.3303	8.	6.	-999.	1.97	-5.	-5.	-5.	33.	-20.	34.	5.	-10.	23.
445615	68.5492	149.4792	8.	58.	8.	3.27	-5.	6.	-5.	36.	-20.	44.	9.	-10.	-15.
445616	68.5625	149.5056	8.	69.	5.	2.69	-5.	-5.	-5.	24.	-20.	29.	-5.	-10.	-15.
445631	68.5603	149.9450	8.	141.	-999.	2.35	-5.	-5.	-5.	23.	-20.	33.	10.	-10.	-15.
445633	68.5878	149.9439	8.	144.	10.	2.30	-5.	6.	-5.	23.	-20.	22.	7.	-10.	-15.
445635	68.6356	149.9181	8.	156.	8.	2.89	-5.	5.	-5.	41.	-20.	86.	7.	-10.	-15.
445640	68.6286	149.7847	8.	163.	8.	3.05	-5.	6.	-5.	32.	-20.	45.	9.	-10.	15.
445642	68.1650	147.5869	8.	224.	15.	3.61	-5.	-5.	-5.	48.	-20.	46.	17.	-10.	-15.
445643	68.1575	147.5717	8.	247.	15.	3.71	-5.	5.	-5.	48.	-20.	46.	25.	-10.	-15.
445644	68.1497	147.6236	8.	263.	9.	3.26	-5.	-5.	-5.	56.	-20.	40.	13.	-10.	21.
445645	68.1544	147.6178	8.	122.	9.	3.29	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445646	68.1517	147.7517	-999.	-999.	9.	3.15	-5.	-5.	-5.	37.	-20.	40.	15.	-10.	-15.
445647	68.1503	147.8269	-999.	-999.	3.	2.83	-5.	5.	-5.	43.	-20.	43.	9.	-10.	-15.
445648	68.1411	147.9050	-999.	-999.	9.	3.68	-5.	6.	-5.	55.	-20.	53.	22.	-10.	-15.
445649	68.1453	147.8786	-999.	-999.	9.	3.21	-5.	-5.	-5.	69.	-20.	51.	17.	-10.	-15.
445650	68.1114	148.0344	-999.	-999.	12.	4.24	-5.	-5.	-5.	63.	-20.	57.	13.	-10	-15.
445651	68.1044	148.0303	-999.	-999.	12.	3.95	-5.	-5.	-5.	57.	-20.	56.	10.	-10.	-15.
445652	68.1481	148.0364	-999.	-999.	15.	3.58	-5.	9.	-5.	55.	-20.	60.	14.	-10.	-15.
445653	68.1589	148.0525	-999.	-999.	18.	3.40	-5.	-5.	-5.	54.	-20.	56.	11.	-10.	-15.
445654	68.1606	148.0164	-999.	-999.	-999.	3.80	-5.	-5.	-5.	68.	-20.	66.	27.	-10.	33.
445655	68.1642	148.1436	-999.	-999.	9.	3.54	-5.	-5.	-5.	46.	-20.	48.	8.	-10.	-15.
445656	68.1703	148.1261	-999.	-999.	9.	3.44	-5.	6.	-5.	50.	-20.	59.	15.	-10.	-15.
445657	68.1447	148.2781	-999.	-999.	12.	3.84	-5.	-5.	-5.	55.	-20.	44.	20.	-10.	-15.
445658	68.1553	148.2883	-999.	-999.	12.	3.38	-5.	-5.	-5.	37.	-20.	36.	12.	-10.	-15.
445660	68.1203	148.3247	-999.	-999.	-999.	3.80	-5.	-5.	-5.	58.	-20.	46.	16.	-10.	-15.
445661	68.6656	148.6614	5.	15.	3.	2.89	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445662	68.6831	148.7369	6.	20.	3.	2.57	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445663	68.6800	148.7267	6.	-999.	3.	2.62	-5.	-5.	-5.	73.	-20.	68.	5.	-10.	-15.
445664	68.7078	149.0689	6.	19.	-999.	2.43	-5.	-5.	-5.	33.	-20.	37.	12.	-10.	-15.
445665	68.7117	149.2700	6.	11.	-999.	2.10	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445689	68.7903	149.9461	8.	51.	-999.	2.56	-5.	6.	-5.	20.	-20.	29.	-5.	-10.	21.
445701	68.1108	148.7208	-999.	-999.	15.	3.52	-5.	-5.	-5.	31.	-20.	43.	12.	-10.	-15.
445702	68.1169	148.7297	7.	142.	15.	3.83	-5.	5.	-5.	40.	-20.	53.	20.	-10.	-15.
445703	68.1519	148.5958	6.	137.	7.	3.84	-5.	-5.	-5.	46.	-20.	35.	18.	-10.	-15.
445704	68.1725	148.5428	6.	212.	10.	3.38	-5.	-5.	-5.	39.	-20.	36.	11.	-10.	-15.
445705	68.1947	148.5272	7.	355.	7.	3.17	-5.	-5.	-5.	40.	-20.	37.	8.	-10.	-15.
445706	68.2050	148.4044	7.	501.	7.	3.56	-5.	7.	-5.	32.	-20.	18.	17.	-10.	-15.
445707	68.2111	148.3894	7.	912.	7.	3.21	-5.	-5.	-5.	23.	-20.	28.	9.	-10.	-15.
445708	68.2208	148.4614	7.	444.	10.	3.38	-5.	-5.	-5.	33.	-20.	43.	19.	-10.	-15.
445709	68.2331	148.4392	7.	295.	7.	3.26	-5.	-5.	-5.	27.	-20.	29.	14.	-10.	-15.
445710	68.2353	148.4067	7.	280.	13.	3.22	-5.	-5.	-5.	23.	-20.	36.	18.	-10.	-15.
445711	68.2311	148.3853	7.	235.	5.	3.19	-5.	-5.	-5.	45.	-20.	35.	12.	-10.	-15.
445712	68.0731	148.3944	7.	357.	15.	3.57	-5.	-5.	-5.	47.	-20.	46.	10.	-10.	-15.
445713	68.0622	148.3761	7.	312.	23.	3.78	-5.	-5.	-5.	39.	-20.	42.	12.	-10.	-15.
445714	68.0667	148.2886	7.	197.	4.	3.49	-5.	-5.	-5.	46.	-20.	28.	14.	-10.	-15.
445715	68.0856	148.7211	7.	290.	11.	3.54	-5.	-5.	-5.	27.	-20.	63.	-5.	-10.	-15.
445716	68.1022	148.1947	7.	407.	23.	4.02	-5.	6.	-5.	48.	-20.	44.	11.	-10.	-15.
445717	68.1067	148.2114	7.	346.	23.	3.66	-5.	-5.	-5.	55.	-20.	54.	12.	-10.	-15.
445718	68.1297	148.1817	7.	167.	7.	3.75	-5.	-5.	-5.	48.	-20.	49.	17.	-10.	-15.
445719	68.0550	148.1756	7.	144.	3.	3.97	-5.	-5.	-5.	47.	-20.	39.	9.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445614	-999.	-999.	51090.	-0.	753.	4376.	36.	-157.	24.6	128.	2.9	3.	1.1	43390.	5.9	12410.	19.
445615	-999.	-999.	67290.	-0.	411.	4213.	64.	-91.	13.4	99.	6.9	4.	1.2	40910.	4.9	9843.	28.
445616	-999.	-999.	50140.	-0.	545.	-662.	50.	-58.	4.2	95.	3.9	5.	1.0	29020.	6.5	10930.	23.
445631	-999.	-999.	40120.	-0.	313.	5286.	37.	-53.	6.2	73.	2.0	4.	.9	19670.	5.4	10860.	19.
445633	-999.	-999.	32990.	-0.	329.	5562.	38.	-95.	11.5	70.	2.2	3.	.9	27430.	6.8	-5167.	22.
445635	-999.	-999.	42300.	-0.	346.	8115.	49.	-65.	6.4	75.	3.1	4.	.9	24210.	7.0	11210.	24.
445640	-999.	-999.	56530.	-0.	699.	11980.	46.	-84.	15.4	83.	4.2	4.	1.1	31030.	5.4	11510.	28.
445642	-999.	-999.	84650.	-0.	441.	9942.	80.	-92.	18.1	111.	9.7	5.	1.3	45460.	5.8	25170.	36.
445643	-999.	-999.	73160.	-0.	618.	3969.	80.	-69.	15.5	105.	9.1	6.	1.2	43860.	7.4	24200.	34.
445644	-999.	-999.	67360.	-0.	594.	8546.	61.	-72.	17.8	89.	6.7	6.	1.2	40510.	6.6	20300.	33.
445645	-999.	-999.	76140.	-0.	555.	7324.	67.	-99.	14.9	90.	8.1	7.	1.4	42630.	6.9	16410.	33.
445646	-999.	-999.	65750.	-0.	331.	65660.	62.	-79.	16.4	100.	5.5	5.	1.1	40300.	5.0	15130.	30.
445647	-999.	-999.	56970.	0.	465.	18940.	42.	153.	5.8	68.	4.7	4.	1.0	37720.	3.8	13490.	22.
445648	-999.	-999.	78450.	-0.	593.	3034.	69.	-80.	18.9	89.	6.9	6.	1.3	44310.	5.4	20470.	36.
445649	-999.	-999.	74080.	-0.	451.	10070.	58.	-107.	13.3	83.	5.4	6.	1.4	40300.	4.6	21930.	31.
445650	-999.	-999.	90920.	-0.	515.	2805.	85.	-83.	22.2	100.	10.8	6.	1.7	52520.	6.2	23250.	41.
445651	-999.	-999.	90030.	-0.	632.	2288.	79.	-71.	17.1	103.	9.5	6.	1.3	49370.	5.2	23490.	40.
445652	-999.	-999.	80700.	-0.	617.	-755.	62.	-74.	19.0	82.	7.2	6.	1.2	44480.	5.2	18700.	34.
445653	-999.	-999.	83840.	-0.	481.	2385.	73.	-82.	19.9	103.	6.8	5.	1.5	49740.	6.6	21960.	37.
445654	-999.	-999.	86600.	-0.	552.	-1049.	86.	-94.	25.3	104.	9.4	6.	1.6	53990.	6.5	17590.	41.
445655	-999.	-999.	75440.	-0.	580.	2542.	77.	-70.	17.5	106.	7.5	5.	1.3	49610.	5.5	17180.	34.
445656	-999.	-999.	77330.	-0.	569.	2913.	64.	-76.	21.4	84.	8.6	6.	1.3	43320.	4.8	17600.	34.
445657	-999.	-999.	75020.	-0.	504.	-955.	72.	-82.	19.7	100.	10.0	6.	1.5	45930.	6.4	21760.	38.
445658	-999.	-999.	55990.	-0.	295.	1819.	76.	-56.	16.7	85.	6.2	5.	1.2	36430.	9.9	19250.	31.
445660	-999.	-999.	66990.	-0.	535.	2612.	76.	-63.	17.7	102.	6.7	6.	1.4	42430.	8.9	17880.	38.
445661	-999.	-999.	62420.	-0.	1021.	24720.	50.	-156.	18.3	80.	3.6	5.	1.2	36240.	3.4	11290.	23.
445662	-999.	-999.	63320.	-0.	1608.	5669.	47.	-123.	18.1	141.	4.1	5.	1.0	42560.	4.5	12610.	23.
445663	-999.	-999.	63320.	-0.	1392.	6664.	44.	-116.	19.5	131.	4.4	4.	1.4	45440.	5.3	13050.	29.
445664	-999.	-999.	43390.	-0.	590.	2657.	30.	-107.	22.6	79.	2.5	3.	1.1	44740.	4.8	-5784.	23.
445665	-999.	-999.	25860.	-0.	344.	-611.	44.	-54.	9.9	97.	-1.4	3.	.9	27700.	8.2	4138.	25.
445689	-999.	-999.	37690.	-0.	455.	3589.	60.	-99.	16.3	116.	-1.6	5.	1.2	36580.	7.2	-5029.	24.
445701	-999.	-999.	66630.	-0.	294.	2862.	84.	-66.	22.0	90.	7.9	5.	1.3	42890.	9.3	18670.	39.
445702	-999.	-999.	68400.	-0.	503.	-749.	82.	-64.	18.3	101.	8.9	6.	1.3	40100.	9.5	19310.	38.
445703	-999.	-999.	77430.	-0.	508.	7071.	79.	-86.	20.1	107.	13.3	5.	1.4	40510.	6.3	20070.	37.
445704	-999.	-999.	52320.	-0.	326.	-881.	61.	-55.	19.2	89.	6.7	5.	1.3	40520.	8.5	16410.	31.
445705	-999.	-999.	55070.	-0.	351.	3334.	67.	-65.	20.9	84.	5.4	4.	1.2	42450.	6.3	11400.	32.
445706	-999.	-999.	56300.	-0.	562.	2108.	55.	-55.	15.2	87.	6.7	5.	1.1	37180.	8.1	16130.	32.
445707	-999.	-999.	59010.	-0.	573.	21240.	60.	-64.	18.0	86.	5.7	5.	1.2	36810.	6.7	16600.	30.
445708	-999.	-999.	56670.	-0.	396.	2625.	67.	-64.	17.2	94.	5.5	5.	1.3	41230.	8.0	14070.	32.
445709	-999.	-999.	53160.	-0.	392.	3095.	67.	-56.	17.6	90.	5.0	4.	1.3	37340.	8.5	12350.	30.
445710	-999.	-999.	51350.	-0.	506.	-611.	65.	-50.	15.4	87.	4.5	5.	1.1	34700.	8.2	13100.	29.
445711	-999.	-999.	62190.	-0.	494.	11060.	62.	-66.	17.7	88.	5.8	5.	1.1	36100.	6.8	16410.	33.
445712	-999.	-999.	85610.	-0.	543.	3821.	77.	-90.	18.4	95.	8.8	7.	1.6	48530.	6.7	22800.	40.
445713	-999.	-999.	84980.	-0.	432.	3124.	82.	-77.	20.2	111.	9.4	6.	1.6	51660.	7.1	21810.	43.
445714	-999.	-999.	82350.	-0.	489.	-782.	81.	-75.	16.5	99.	8.0	6.	1.3	47900.	5.1	19190.	36.
445715	-999.	-999.	74830.	-0.	634.	5566.	66.	-92.	18.0	133.	6.1	5.	1.2	39780.	4.9	18650.	36.
445716	-999.	-999.	89350.	-0.	459.	-961.	76.	-92.	20.5	107.	10.4	7.	1.4	51370.	6.6	21900.	42.
445717	-999.	-999.	90090.	-0.	488.	1998.	85.	-82.	21.3	116.	8.5	6.	1.3	52960.	5.8	23530.	41.
445718	-999.	-999.	81940.	-0.	541.	18100.	75.	-75.	19.8	97.	8.5	5.	1.3	46960.	4.8	21750.	35.
445719	-999.	-999.	72220.	-0.	473.	2980.	97.	-72.	19.9	85.	5.7	6.	1.5	40660.	7.7	24570.	46.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445614	.2	5629.	1816.	11620.	-36.	-1.	12.1	3.3	-420.	-1.	-1.	9.0	3337.	123.	2.4	93.	2.538
445615	.3	4340.	1058.	3289.	-55.	-2.	15.7	5.1	-387.	-2.	-1.	9.0	4233.	125.	4.0	198.	2.755
445616	.3	3853.	231.	3079.	-36.	-2.	10.1	3.3	-187.	-1.	-1.	6.3	3870.	96.	2.5	98.	2.342
445631	.2	3715.	137.	3095.	70.	-1.	8.4	3.7	-141.	-1.	-1.	6.4	3734.	82.	2.5	154.	2.725
445633	.2	3364.	1467.	3020.	58.	-1.	7.0	3.4	-338.	-1.	-1.	5.5	2946.	65.	2.0	-42.	2.392
445635	.3	3613.	262.	3198.	-37.	-2.	9.2	3.6	-197.	-1.	-1.	6.3	4401.	91.	2.2	90.	2.179
445640	.3	6135.	519.	3727.	-49.	-2.	11.6	3.3	-293.	-1.	-1.	7.3	4623.	110.	3.0	-89.	2.392
445642	.3	10390.	700.	5946.	104.	-2.	18.6	7.2	-300.	-1.	-2.	11.6	4597.	167.	4.0	-64.	3.215
445643	.4	7124.	835.	3548.	95.	-2.	15.3	6.2	-265.	-1.	-1.	11.7	5400.	151.	3.3	-46.	3.155
445644	.3	8100.	727.	3882.	63.	2.	14.0	4.5	-277.	-1.	-1.	10.1	5055.	141.	3.7	-14.	3.096
445645	.3	9828.	761.	5907.	121.	3.	15.8	5.8	-271.	-1.	-1.	11.0	4725.	145.	3.4	132.	3.344
445646	.3	7955.	600.	5055.	116.	-2.	14.6	5.3	-236.	-1.	-1.	9.5	3966.	118.	3.2	-90.	3.012
445647	.2	9482.	402.	4258.	81.	-2.	11.9	3.7	-263.	-1.	-1.	7.3	4291.	117.	2.6	220.	2.577
445648	.3	9376.	600.	5532.	105.	-2.	16.0	4.9	-278.	-1.	-1.	10.2	5633.	147.	3.2	-59.	2.770
445649	.4	8895.	645.	4988.	-43.	3.	15.1	5.7	-292.	-1.	-1.	9.7	4505.	148.	3.2	132.	3.021
445650	.4	9300.	655.	6147.	88.	-2.	19.7	7.2	-265.	-1.	-2.	13.7	4953.	171.	4.0	-54.	3.236
445651	.4	8583.	557.	5995.	121.	-2.	19.0	6.1	-211.	-1.	-1.	12.9	5307.	170.	3.6	-43.	3.268
445652	.4	8690.	605.	5902.	97.	-1.	16.2	4.8	-248.	-1.	-1.	10.8	5561.	149.	3.9	-26.	3.021
445653	.3	9390.	695.	5750.	117.	-1.	17.1	6.5	-225.	-1.	-1.	12.1	5187.	156.	3.7	119.	3.559
445654	.4	10470.	997.	6254.	173.	-2.	19.7	7.5	-314.	-1.	-1.	13.3	4554.	150.	4.4	-56.	3.497
445655	.4	10780.	719.	5228.	102.	-1.	16.7	6.3	-230.	-1.	-1.	12.1	5479.	137.	3.5	-95.	3.413
445656	.4	9106.	729.	5376.	101.	-2.	15.5	4.8	-270.	-1.	-1.	11.6	4857.	143.	3.6	-42.	3.367
445657	.4	7143.	905.	4369.	128.	-1.	16.0	6.4	-248.	-1.	-1.	11.4	4900.	158.	3.6	124.	2.967
445658	.3	4278.	699.	2102.	98.	-1.	12.6	5.2	-225.	-1.	-1.	9.4	4190.	121.	3.4	-76.	2.778
445660	.4	6097.	793.	3008.	76.	-1.	14.8	6.5	-244.	-1.	1.	12.3	5964.	137.	3.7	-82.	3.236
445661	-.2	10750.	1115.	9675.	-70.	-3.	14.7	3.0	-531.	-3.	-1.	4.1	4493.	181.	-2.4	138.	1.418
445662	.3	12070.	849.	12220.	-36.	2.	17.7	4.6	-290.	-1.	-1.	5.0	4639.	183.	2.7	121.	1.946
445663	.4	10910.	809.	11820.	87.	-2.	19.9	4.7	-310.	-1.	-1.	6.5	4722.	187.	3.1	-53.	2.481
445664	.3	3126.	1687.	4861.	-44.	-2.	10.0	3.7	-421.	-1.	-1.	6.1	3884.	105.	2.6	128.	2.513
445665	.2	1945.	367.	2838.	-34.	-1.	5.4	3.0	-203.	-1.	-1.	5.3	3171.	66.	2.0	-104.	2.525
445689	.3	2667.	1424.	4542.	-37.	-1.	8.4	5.5	-370.	-1.	-1.	8.2	3907.	77.	3.1	105.	3.205
445701	.5	7394.	716.	3446.	89.	-2.	15.0	6.3	-229.	-1.	-1.	10.2	5169.	141.	3.1	139.	2.899
445702	.4	7503.	819.	3482.	91.	-1.	15.1	5.5	-240.	-1.	-1.	11.0	5928.	143.	3.2	-41.	2.874
445703	.3	7482.	714.	3800.	-58.	-2.	16.5	4.9	-340.	-2.	-2.	11.6	5798.	157.	3.2	-64.	3.021
445704	.3	4451.	683.	1512.	81.	-1.	12.4	5.3	-207.	-1.	-1.	9.4	4889.	116.	2.7	57.	2.778
445705	.3	4612.	851.	2730.	91.	-2.	13.5	5.3	-254.	-1.	-1.	8.2	4196.	123.	3.4	-40.	2.584
445706	.4	6115.	704.	2779.	68.	-1.	12.8	5.2	-207.	-1.	1.	10.0	4761.	118.	3.8	121.	2.809
445707	.3	6027.	637.	3536.	87.	1.	13.1	4.3	-231.	-1.	-1.	9.3	4496.	117.	3.2	-26.	2.899
445708	.3	3720.	781.	2434.	83.	2.	12.8	5.4	-218.	-1.	-1.	9.8	5312.	119.	2.3	93.	2.899
445709	.3	-1277.	840.	1491.	75.	-1.	12.8	5.6	-239.	-1.	-1.	9.9	3786.	116.	4.0	93.	3.040
445710	.3	2056.	699.	1496.	79.	1.	11.9	5.2	-208.	-1.	1.	9.0	5346.	116.	3.6	-38.	2.793
445711	.3	5880.	604.	3459.	94.	-2.	13.5	4.1	-242.	-1.	-1.	10.1	5415.	126.	2.4	107.	3.165
445712	.4	10270.	668.	5871.	114.	-2.	17.3	6.5	-244.	-1.	-1.	11.8	5185.	153.	3.5	126.	3.300
445713	.4	8182.	596.	6018.	139.	-2.	19.0	7.0	-244.	-1.	-1.	12.8	5213.	165.	3.9	-53.	3.390
445714	.4	8112.	670.	5900.	108.	-1.	17.6	6.1	-240.	-1.	-1.	11.9	5824.	149.	3.3	-44.	3.413
445715	.3	12850.	542.	7789.	69.	-2.	15.6	5.6	-283.	-1.	-1.	8.9	4840.	171.	3.6	-57.	2.513
445716	.4	9367.	714.	6239.	115.	2.	18.2	7.3	-242.	-1.	-1.	12.8	5464.	170.	3.3	118.	3.185
445717	.4	9033.	664.	6412.	137.	-2.	20.0	6.5	-246.	-1.	-1.	12.2	5021.	169.	4.2	-50.	3.333
445718	.3	11980.	681.	5996.	121.	-2.	17.5	6.2	-234.	-1.	2.	10.1	5422.	150.	3.2	-45.	2.695
445719	.3	9628.	533.	5395.	99.	-2.	15.8	5.5	-249.	-2.	-1.	11.6	5783.	141.	3.9	-29.	2.924

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445720	68.0758	148.1828	7.	280.	3.	3.73	-5.	-5.	-5.	36.	-20.	41.	10.	-10.	-15.
445721	68.1039	147.8825	7.	90.	7.	3.62	-5.	-5.	-5.	27.	-20.	29.	10.	-10.	-15.
445722	68.1014	147.9203	7.	85.	7.	3.62	-5.	-5.	-5.	41.	-20.	39.	13.	-10.	-15.
445723	68.0978	147.8125	7.	228.	12.	3.75	-5.	-5.	-5.	31.	-20.	20.	19.	-10.	-15.
445724	68.1061	147.8089	7.	213.	12.	4.03	-5.	-5.	-5.	44.	-20.	22.	22.	-10.	-15.
445725	68.1192	147.6317	9.	271.	9.	3.40	-5.	-5.	-5.	35.	-20.	43.	5.	-10.	-15.
445726	68.1072	147.6158	7.	239.	7.	3.35	-5.	-5.	-5.	23.	-20.	47.	5.	-10.	-15.
445727	68.1303	147.5311	7.	241.	15.	3.72	-5.	-5.	-5.	41.	-20.	36.	18.	-10.	-15.
445728	68.1078	147.4275	7.	163.	3.	4.08	-5.	-5.	-5.	25.	-20.	44.	17.	-10.	-15.
445729	68.0975	147.4100	7.	138.	3.	4.61	-5.	-5.	-5.	40.	-20.	53.	21.	-10.	-15.
445730	68.1128	147.3167	-999.	-999.	7.	3.46	-5.	-5.	-5.	29.	-20.	29.	8.	-10.	-15.
445731	68.1033	147.3200	-999.	-999.	7.	3.72	-5.	-5.	-5.	34.	-20.	49.	14.	-10.	-15.
445732	68.1325	147.2481	-999.	-999.	7.	3.13	-5.	-5.	-5.	17.	-20.	27.	6.	-10.	-15.
445733	68.1244	147.2367	-999.	-999.	4.	3.54	-5.	-5.	-5.	36.	-20.	15.	13.	-10.	-15.
445734	68.1892	147.6856	-999.	-999.	7.	3.25	-5.	-5.	-5.	44.	-20.	28.	21.	-10.	-15.
445735	68.1906	147.7169	-999.	-999.	7.	3.30	-5.	-5.	-5.	50.	-20.	32.	13.	-10.	-15.
445736	68.2161	147.5872	-999.	-999.	7.	3.46	-5.	-5.	-5.	41.	-20.	34.	-5.	-10.	-15.
445737	68.2381	147.6539	-999.	-999.	7.	3.45	-5.	-5.	-5.	32.	-20.	36.	-5.	-10.	-15.
445738	68.2394	147.6783	-999.	-999.	7.	3.71	-5.	-5.	-5.	44.	-20.	27.	6.	-10.	-15.
445739	68.2081	147.6747	-999.	-999.	4.	2.92	-5.	-5.	-5.	40.	-20.	16.	9.	-10.	-15.
445740	68.2203	147.7575	-999.	-999.	6.	3.12	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445741	68.2122	147.8289	-999.	-999.	10.	3.18	-5.	-5.	-5.	41.	-20.	17.	10.	-10.	-15.
445742	68.1896	147.8978	-999.	-999.	4.	2.67	-5.	5.	-5.	26.	-20.	23.	24.	-10.	-15.
445743	68.1997	147.9406	-999.	-999.	17.	3.31	-5.	-5.	-5.	31.	-20.	31.	-5.	-10.	-15.
445744	68.2278	147.9439	-999.	-999.	7.	3.34	-5.	-5.	-5.	27.	-20.	23.	9.	-10.	-15.
445745	68.2561	147.9119	-999.	-999.	15.	3.50	-5.	-5.	-5.	32.	-20.	31.	8.	-10.	-15.
445746	68.2775	147.8500	-999.	-999.	12.	3.70	-5.	-5.	-5.	31.	-20.	37.	8.	-10.	-15.
445747	68.2914	147.8792	-999.	-999.	6.	3.63	-5.	-5.	-5.	8.	-20.	47.	11.	-10.	-15.
445748	68.3189	147.8903	-999.	-999.	7.	3.43	-5.	-5.	-5.	1.	-20.	15.	9.	-10.	-15.
445749	68.2581	147.7908	-999.	-999.	19.	3.82	-5.	-5.	-5.	47.	-20.	35.	7.	-10.	-15.
445750	68.2656	147.7917	-999.	-999.	15.	3.71	-5.	-5.	-5.	50.	-20.	29.	10.	-10.	-15.
445751	68.5189	147.5111	8.	142.	6.	2.81	-5.	-5.	-5.	13.	-20.	38.	6.	-10.	-15.
445752	68.5244	147.4894	8.	129.	6.	2.67	-5.	-5.	-5.	14.	-20.	28.	-5.	-10.	-15.
445753	68.4117	147.2803	8.	189.	10.	4.75	-5.	-5.	5.	53.	-20.	50.	20.	-10.	-15.
445754	68.4231	147.3436	8.	161.	7.	4.27	-5.	-5.	-5.	45.	-20.	47.	14.	-10.	-15.
445755	68.4169	147.3808	-999.	-999.	9.	4.50	-5.	-5.	-5.	39.	-20.	50.	17.	-10.	-15.
445756	68.4089	147.4522	8.	163.	8.	3.18	-5.	-5.	-5.	26.	-20.	31.	21.	-10.	-15.
445757	68.4461	147.4967	8.	408.	17.	3.38	-5.	-5.	-5.	36.	-20.	27.	11.	-10.	-15.
445758	68.4536	147.5078	8.	120.	12.	4.64	-5.	-5.	-5.	48.	-20.	39.	14.	-10.	-15.
445759	68.4561	147.4872	8.	135.	12.	5.50	-5.	-5.	-5.	59.	-20.	40.	32.	-10.	-15.
445760	68.4475	147.5503	8.	103.	7.	3.32	-5.	-5.	-5.	24.	-20.	17.	-5.	-10.	-15.
445761	68.4436	147.5692	8.	105.	7.	3.17	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445762	68.4192	147.5217	8.	379.	17.	3.97	-5.	5.	-5.	43.	-20.	45.	15.	-10.	-15.
445763	68.4133	147.5200	8.	299.	17.	4.09	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445764	68.3889	147.4175	8.	123.	12.	4.76	-5.	-5.	-5.	35.	-20.	54.	24.	-10.	-15.
445765	68.3908	147.4803	8.	157.	9.	3.43	-5.	-5.	-5.	29.	-20.	24.	10.	-10.	-15.
445767	68.1394	147.0864	8.	104.	9.	3.76	-5.	-5.	-5.	30.	-20.	31.	10.	-10.	-15.
445768	68.1422	147.0608	8.	77.	-999.	3.66	-5.	-5.	-5.	28.	-20.	30.	6.	-10.	-15.
445769	68.2108	147.0739	8.	237.	10.	3.91	-5.	5.	-5.	27.	-20.	41.	16.	-10.	-15.
445770	68.2092	147.0511	8.	361.	10.	3.69	-5.	-5.	-5.	31.	-20.	23.	19.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445720	-999.	-999.	86060.	-0.	543.	6084.	72.	-86.	17.5	94.	9.9	7.	1.7	48270.	6.6	21070.	42.
445721	-999.	-999.	61940.	-0.	393.	5779.	71.	-67.	17.8	103.	6.7	6.	1.4	40330.	8.7	19650.	37.
445722	-999.	-999.	78470.	-0.	615.	-731.	80.	-67.	15.5	100.	8.7	6.	1.2	43770.	6.2	20720.	37.
445723	-999.	-999.	59890.	-0.	533.	3072.	64.	-61.	17.8	93.	5.0	6.	1.3	38860.	9.1	18120.	38.
445724	-999.	-999.	71820.	-0.	570.	4320.	79.	-57.	19.6	102.	5.8	6.	1.6	42250.	10.3	21190.	42.
445725	-999.	-999.	70480.	-0.	711.	-690.	83.	-60.	12.1	99.	6.2	6.	1.3	37280.	8.6	21550.	40.
445726	-999.	-999.	68850.	-0.	604.	26060.	61.	-97.	14.5	88.	8.7	5.	1.2	34670.	4.5	19410.	33.
445727	-999.	-999.	66280.	-0.	506.	-986.	76.	-82.	22.3	107.	7.3	5.	1.5	48120.	9.1	16970.	39.
445728	-999.	-999.	63160.	-0.	459.	2280.	93.	-63.	18.5	110.	5.6	6.	1.5	45510.	12.6	16230.	41.
445729	-999.	-999.	83750.	-0.	836.	4778.	109.	-85.	26.3	153.	8.7	7.	1.8	52810.	12.3	18400.	49.
445730	-999.	-999.	67000.	-0.	520.	6762.	54.	-68.	15.4	91.	5.6	5.	1.2	40460.	8.0	16340.	30.
445731	-999.	-999.	88630.	-0.	560.	2543.	84.	-81.	23.1	120.	7.6	7.	1.7	49740.	7.8	18140.	40.
445732	-999.	-999.	64500.	-0.	552.	10880.	71.	-59.	16.0	105.	6.7	5.	1.6	38200.	6.9	19390.	38.
445733	-999.	-999.	72890.	-0.	681.	13380.	91.	-77.	16.0	105.	7.8	6.	1.5	45180.	5.9	19390.	40.
445734	-999.	-999.	62560.	-0.	563.	78770.	47.	-71.	15.8	68.	4.5	5.	1.0	34520.	3.9	14250.	24.
445735	-999.	-999.	72600.	-0.	499.	37250.	64.	-97.	14.9	82.	5.7	6.	1.2	41030.	5.0	17780.	31.
445736	-999.	-999.	74960.	-0.	347.	24990.	74.	-83.	19.5	98.	5.5	4.	1.3	46050.	6.1	18490.	34.
445737	-999.	-999.	78060.	-0.	440.	24150.	73.	-80.	15.8	101.	5.3	5.	1.4	48590.	5.5	18320.	36.
445738	-999.	-999.	74370.	-0.	540.	-792.	67.	-76.	19.4	89.	5.2	6.	1.3	42200.	6.0	23220.	36.
445739	-999.	-999.	39310.	-0.	310.	197600.	31.	-85.	12.1	45.	3.5	3.	.7	25780.	2.4	12250.	18.
445740	-999.	-999.	65170.	-0.	539.	58940.	63.	-73.	17.6	84.	6.1	4.	1.2	40480.	5.0	16050.	31.
445741	-999.	-999.	50750.	-0.	658.	113800.	37.	-68.	15.6	68.	6.3	4.	1.1	32990.	3.9	16620.	24.
445742	-999.	-999.	34550.	-0.	393.	184300.	31.	-70.	11.5	49.	2.8	3.	.6	20290.	2.7	9199.	15.
445743	-999.	-999.	74150.	-0.	452.	9062.	67.	-85.	16.7	92.	6.7	6.	1.3	44590.	6.6	17680.	35.
445744	-999.	-999.	62470.	-0.	312.	8336.	83.	-67.	18.9	98.	7.6	5.	1.3	42280.	8.5	16260.	38.
445745	-999.	-999.	76780.	-0.	489.	2994.	86.	-72.	19.2	107.	8.1	6.	1.3	47080.	6.3	15820.	38.
445746	-999.	-999.	68550.	-0.	579.	6441.	60.	-74.	17.1	84.	7.6	5.	1.3	37190.	6.1	20570.	32.
445747	-999.	-999.	80260.	-0.	562.	8451.	62.	-117.	18.0	99.	13.1	8.	2.0	44120.	6.8	20370.	36.
445748	-999.	-999.	57760.	-0.	376.	2863.	77.	-62.	17.6	88.	5.2	5.	1.4	39180.	9.4	16540.	33.
445749	-999.	-999.	78110.	-0.	508.	2315.	93.	-75.	20.6	103.	6.3	6.	1.4	49450.	7.1	22230.	42.
445750	-999.	-999.	72610.	-0.	534.	3432.	64.	-77.	19.3	91.	6.2	6.	1.2	39300.	6.6	16750.	35.
445751	-999.	-999.	44370.	-0.	398.	88580.	28.	-58.	5.2	96.	4.1	4.	.8	24340.	1.6	16560.	22.
445752	-999.	-999.	43630.	-0.	283.	84350.	30.	-54.	6.5	102.	4.9	3.	.8	26260.	2.0	17690.	24.
445753	-999.	-999.	71980.	-0.	551.	8261.	90.	-63.	21.6	123.	9.0	7.	1.5	44400.	8.8	18640.	46.
445754	-999.	-999.	70700.	-0.	514.	2339.	65.	-61.	22.3	103.	6.7	6.	1.3	38390.	7.7	19640.	38.
445755	-999.	-999.	90510.	-0.	597.	4025.	81.	-78.	28.6	119.	7.8	7.	1.7	45610.	7.8	19520.	44.
445756	-999.	-999.	83250.	-0.	470.	13070.	79.	-73.	26.8	120.	8.2	5.	1.3	55310.	5.7	22610.	39.
445757	-999.	-999.	56730.	-0.	504.	48920.	63.	-56.	12.8	94.	5.8	5.	1.1	37830.	5.6	12130.	31.
445758	-999.	-999.	66320.	-0.	776.	-736.	80.	-63.	26.8	96.	7.9	5.	1.4	39210.	8.0	14650.	39.
445759	-999.	-999.	75710.	-0.	678.	-913.	90.	-73.	25.4	114.	11.0	8.	1.9	39600.	8.7	17700.	44.
445760	-999.	-999.	17330.	-0.	132.	199900.	16.	-58.	2.8	68.	2.1	3.	.5	11080.	-.7	4831.	20.
445761	-999.	-999.	20010.	-0.	211.	173700.	23.	-68.	-999.0	60.	1.7	3.	.5	13260.	-.8	4884.	19.
445762	-999.	-999.	82270.	-0.	655.	14710.	73.	-66.	22.2	104.	5.9	6.	1.2	44150.	5.3	18200.	35.
445763	-999.	-999.	98130.	-0.	674.	9024.	78.	-79.	23.9	126.	7.3	6.	1.6	51180.	6.1	20950.	40.
445764	-999.	-999.	85020.	-0.	574.	2121.	97.	-63.	16.9	118.	8.7	8.	1.7	42700.	9.3	20700.	45.
445765	-999.	-999.	63020.	-0.	542.	49990.	69.	-62.	13.8	100.	5.3	5.	1.2	41320.	5.1	15950.	34.
445767	-999.	-999.	62570.	-0.	589.	-698.	66.	-62.	20.3	94.	4.7	5.	1.2	41920.	8.6	14620.	35.
445768	-999.	-999.	74400.	-0.	637.	2393.	76.	-63.	19.7	105.	5.3	6.	1.5	55760.	8.4	17000.	40.
445769	-999.	-999.	67270.	-0.	440.	-774.	80.	-64.	19.1	95.	11.1	5.	1.4	41850.	10.8	20410.	40.
445770	-999.	-999.	58600.	-0.	517.	2358.	77.	-53.	14.4	95.	8.5	6.	1.2	40640.	11.8	16860.	38.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445720	.4	10050.	540.	6110.	144.	2.	17.8	6.7	-227.	-1.	-1.	12.3	5600.	180.	3.9	130.	3.300
445721	.4	5510.	880.	2421.	94.	-2.	14.0	6.8	-278.	-1.	-1.	11.2	4542.	139.	3.2	99.	3.096
445722	.4	8188.	593.	4102.	100.	2.	16.4	5.7	-231.	-1.	-1.	11.4	5451.	161.	3.3	104.	3.145
445723	.4	6800.	676.	3134.	75.	-2.	13.0	4.7	-245.	-1.	-1.	9.1	4839.	135.	3.2	-46.	2.427
445724	.4	5664.	685.	2425.	109.	-2.	16.1	6.2	-228.	-1.	-1.	12.2	4773.	153.	3.9	89.	3.030
445725	.3	6642.	661.	3187.	81.	-1.	14.2	6.5	-232.	-1.	2.	11.5	5516.	148.	3.5	-40.	3.378
445726	.3	6905.	1183.	3410.	-52.	-1.	13.3	3.7	-413.	-1.	-2.	10.4	4009.	135.	2.6	220.	3.106
445727	.4	6100.	1372.	2303.	105.	1.	15.1	6.1	-280.	-1.	-1.	12.2	5253.	137.	3.4	123.	3.279
445728	.4	2949.	910.	1774.	109.	-1.	15.4	7.1	-266.	-1.	-1.	13.3	5051.	159.	4.2	115.	3.257
445729	.5	3621.	1419.	2342.	105.	2.	20.1	8.2	-352.	-1.	2.	16.6	6614.	202.	5.4	-59.	3.597
445730	.3	7044.	716.	3966.	91.	-1.	13.8	3.8	-254.	-1.	-1.	9.4	4427.	137.	2.4	-26.	2.717
445731	.4	5492.	1076.	2705.	108.	-1.	18.7	6.9	-280.	-1.	-1.	12.3	5681.	171.	4.7	126.	3.311
445732	.4	6495.	456.	2823.	114.	-1.	14.3	6.1	-220.	-1.	-1.	9.7	4988.	145.	3.4	-50.	3.096
445733	.4	7712.	742.	4106.	88.	-1.	17.2	6.5	-283.	-1.	2.	12.6	5271.	133.	3.9	135.	3.559
445734	.2	9149.	570.	4308.	72.	1.	12.3	3.6	-231.	-1.	-1.	7.5	3636.	122.	2.8	159.	2.309
445735	.3	8279.	659.	6026.	98.	1.	15.1	5.7	-246.	-1.	-1.	9.9	4519.	138.	3.9	61.	3.003
445736	.4	9490.	656.	6439.	110.	-1.	17.3	7.0	-251.	-1.	-1.	11.4	4542.	143.	3.7	158.	3.289
445737	.4	10890.	666.	6873.	92.	-1.	17.9	6.3	-247.	-1.	2.	10.8	5373.	161.	3.1	-45.	3.135
445738	.3	6345.	718.	5196.	99.	-1.	15.7	4.5	-266.	-1.	-1.	12.0	4976.	124.	2.7	-52.	3.236
445739	.2	8514.	501.	3670.	49.	2.	8.4	3.3	-183.	-1.	-999.	4.4	2453.	87.	1.5	117.	1.506
445740	.3	7942.	635.	4234.	119.	-1.	14.4	5.2	-226.	-1.	-1.	8.5	3556.	124.	2.5	126.	2.725
445741	.3	8571.	464.	3201.	92.	4.	12.1	4.2	400.	-1.	-1.	6.7	3209.	108.	2.6	-55.	2.105
445742	.1	8867.	383.	2197.	-29.	2.	7.1	2.3	-196.	-1.	-1.	4.7	2333.	66.	2.1	109.	1.761
445743	.3	8466.	711.	5172.	91.	1.	14.7	5.8	-240.	-1.	-1.	11.4	5298.	146.	3.6	108.	3.448
445744	.4	6076.	656.	3876.	94.	-1.	14.7	5.7	-224.	-1.	-1.	10.6	5110.	123.	3.0	-116.	3.175
445745	.4	5877.	736.	5175.	116.	-1.	18.7	6.5	-232.	-1.	-1.	12.8	5907.	132.	4.0	-46.	3.663
445746	.3	7085.	539.	4047.	94.	-1.	14.5	4.1	-252.	-1.	-1.	9.6	5697.	123.	3.2	-53.	2.597
445747	.4	7766.	880.	5357.	106.	2.	19.4	7.4	-344.	-1.	-1.	11.0	5433.	153.	3.2	129.	3.030
445748	.4	5027.	708.	3693.	69.	-1.	13.4	5.3	-227.	-1.	-1.	10.5	4153.	108.	3.3	-75.	3.059
445749	.4	7257.	795.	5774.	107.	-1.	18.9	7.0	-249.	-1.	2.	13.5	6509.	138.	4.8	-44.	3.534
445750	.3	5937.	821.	5432.	90.	-1.	15.2	4.3	-275.	-1.	-1.	10.9	5160.	129.	3.6	-49.	2.941
445751	.2	10650.	139.	1398.	71.	-1.	9.5	3.5	322.	-1.	-1.	4.4	2008.	109.	1.8	76.	1.565
445752	.2	7285.	145.	1411.	65.	-1.	10.3	3.0	-143.	-1.	-1.	4.8	1754.	110.	1.9	-66.	1.799
445753	.4	3721.	910.	1988.	90.	3.	18.3	7.9	-275.	-1.	1.	13.0	6404.	167.	4.3	-49.	2.740
445754	.3	4029.	827.	2012.	122.	2.	15.6	4.4	-277.	-1.	-1.	10.5	5339.	140.	3.1	68.	2.457
445755	.4	5752.	1102.	2238.	110.	1.	19.7	7.0	-286.	-1.	-1.	12.3	6590.	185.	5.4	74.	2.732
445756	.3	5658.	899.	2761.	157.	-2.	18.8	6.8	-287.	-1.	-1.	11.2	4282.	178.	3.5	155.	3.521
445757	.3	5113.	574.	1473.	81.	2.	13.3	5.1	-208.	-1.	1.	9.4	3652.	124.	3.1	-112.	2.778
445758	.3	2934.	1082.	1313.	75.	2.	15.4	4.8	-291.	-1.	-1.	10.4	5750.	148.	3.3	-49.	2.242
445759	.4	3792.	976.	1676.	108.	3.	18.4	8.2	-278.	-1.	2.	13.8	6343.	167.	3.8	115.	2.575
445760	.1	8776.	152.	596.	-24.	-1.	4.3	2.1	-128.	-1.	-1.	2.4	966.	60.	1.6	169.	.723
445761	.2	7720.	218.	687.	-27.	-1.	4.8	2.5	-170.	-1.	-1.	3.2	1479.	62.	1.7	110.	1.009
445762	.3	6124.	927.	2347.	106.	2.	17.4	4.6	-281.	-1.	-1.	11.2	4977.	168.	3.4	129.	2.825
445763	.4	6709.	1026.	2739.	129.	2.	20.5	6.8	-265.	-1.	-1.	12.3	5400.	188.	3.6	143.	3.003
445764	.5	3701.	369.	2189.	134.	2.	19.2	8.1	-231.	-1.	-2.	13.5	6014.	170.	4.7	-159.	2.833
445765	.3	6627.	695.	1568.	103.	1.	15.4	5.4	-221.	-1.	-1.	10.2	4353.	134.	3.5	-39.	2.976
445767	.3	1910.	990.	1505.	81.	2.	13.1	5.1	-294.	-1.	-1.	11.1	4815.	144.	3.5	-52.	2.950
445768	.4	3241.	689.	1698.	106.	-1.	14.8	6.6	-235.	-1.	-1.	10.9	5652.	163.	4.4	167.	2.976
445769	.4	5791.	819.	2338.	88.	2.	15.0	6.0	-246.	-1.	-1.	11.4	4684.	128.	3.0	142.	2.915
445770	.4	3233.	703.	2310.	110.	2.	13.1	6.1	-216.	-1.	-1.	12.5	5353.	125.	4.0	159.	3.390

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445771	68.2703	147.0767	8.	12.	9.	3.54	-5.	-5.	-5.	41.	-20.	35.	15.	-10.	-15.
445772	68.3044	147.0564	8.	65.	17.	3.28	-5.	-5.	-5.	28.	-20.	31.	5.	-10.	-15.
445773	68.3314	147.0094	8.	22.	9.	3.50	-5.	-5.	-5.	33.	-20.	19.	8.	-10.	-15.
445774	68.3431	147.0506	8.	61.	-999.	3.15	-5.	-5.	-5.	29.	-20.	23.	14.	-10.	-15.
445775	68.3622	147.1328	8.	26.	3.	3.52	-5.	-5.	-5.	31.	-20.	21.	14.	-10.	-15.
445776	68.3647	147.1194	8.	15.	7.	3.90	-5.	-5.	-5.	20.	-20.	26.	18.	-10.	-15.
445777	68.4119	147.0422	8.	79.	7.	3.48	-5.	-5.	-5.	42.	-20.	30.	16.	-10.	-15.
445778	68.4339	147.0303	8.	22.	-999.	3.63	-5.	-5.	-5.	27.	-20.	30.	11.	-10.	-15.
445779	68.4172	147.1642	-999.	-999.	10.	3.97	-5.	-5.	-5.	46.	-20.	50.	22.	-10.	-15.
445780	68.4261	147.1578	-999.	-999.	10.	3.63	-5.	-5.	-5.	29.	-20.	45.	15.	-10.	-15.
445781	68.4550	147.0536	8.	138.	4.	2.52	-5.	-5.	-5.	10.	-20.	35.	-5.	-10.	-15.
445782	68.4617	147.0739	8.	156.	4.	3.11	-5.	-5.	-5.	-10.	-20.	39.	-5.	-10.	-15.
445783	68.4633	147.1164	8.	120.	4.	2.84	-5.	6.	-5.	-10.	-20.	25.	-5.	-10.	-15.
445784	68.4586	147.1286	8.	51.	4.	2.35	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445785	68.3775	147.4878	8.	53.	6.	3.32	-5.	-5.	5.	22.	-20.	45.	9.	-10.	-15.
445786	68.3728	147.4206	6.	22.	6.	3.31	-5.	-5.	-5.	22.	-20.	26.	10.	-10.	-15.
445787	68.3128	147.4914	7.	921.	12.	2.84	-5.	-5.	-5.	23.	-20.	25.	13.	-10.	-15.
445788	68.3225	147.4967	8.	167.	9.	3.06	-5.	-5.	-5.	33.	-20.	19.	18.	-10.	-15.
445789	68.2761	147.3219	7.	236.	7.	3.38	-5.	-5.	-5.	39.	-20.	37.	18.	-10.	-15.
445790	68.2908	147.3181	8.	238.	6.	3.11	-5.	-5.	-5.	36.	-20.	18.	13.	-10.	-15.
445791	68.3167	147.3039	8.	214.	9.	3.50	-5.	5.	-5.	30.	-20.	25.	17.	-10.	-15.
445792	68.3186	147.3231	8.	321.	-999.	4.76	-5.	-5.	-5.	23.	-20.	52.	-5.	-10.	-15.
445793	68.2842	147.1822	8.	336.	9.	3.08	-5.	-5.	-5.	27.	-20.	16.	10.	-10.	-15.
445794	68.2786	147.1619	8.	333.	9.	2.88	-5.	-5.	-5.	33.	-20.	19.	11.	-10.	-15.
445795	68.3236	147.1728	8.	284.	10.	3.58	-5.	-5.	-5.	35.	-20.	-15.	8.	-10.	-15.
445796	68.3178	147.1919	8.	285.	10.	3.28	-5.	-5.	-5.	38.	-20.	19.	18.	-10.	-15.
445797	68.2450	147.2081	8.	285.	4.	3.42	-5.	-5.	-5.	37.	-20.	36.	11.	-10.	-15.
445798	68.2336	147.2075	8.	264.	15.	3.45	-5.	-5.	-5.	45.	-20.	51.	16.	-10.	-15.
445799	68.2125	147.2114	8.	387.	9.	3.81	-5.	-5.	-5.	36.	-20.	35.	15.	-10.	-15.
445800	68.2006	147.2094	8.	284.	7.	3.61	-5.	-5.	-5.	24.	-20.	34.	7.	-10.	-15.
445809	68.6881	147.5022	-999.	-999.	6.	3.15	-5.	3.	-5.	32.	-20.	34.	0.	-10.	22.
445810	68.6947	147.4608	-999.	-999.	9.	2.55	-5.	-5.	-5.	18.	-20.	23.	5.	-10.	-15.
445811	68.6889	147.3694	-999.	-999.	4.	2.85	-5.	5.	-5.	19.	-20.	33.	10.	-10.	23.
445812	68.6900	147.3875	-999.	-999.	4.	3.36	-5.	-5.	-5.	23.	-20.	51.	6.	-10.	33.
445813	68.7292	147.4008	-999.	-999.	9.	3.20	-5.	-5.	-5.	23.	-20.	35.	8.	-10.	-15.
445814	68.7258	147.4225	-999.	-999.	9.	3.27	-5.	-5.	-5.	25.	-20.	33.	-5.	-10.	19.
445815	68.7111	147.3053	-999.	-999.	6.	2.89	5.	-5.	-5.	19.	-20.	34.	-5.	-10.	16.
445816	68.7181	147.3178	-999.	-999.	6.	2.26	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445817	68.7244	147.1558	6.	163.	3.	3.74	-5.	7.	-5.	30.	-20.	41.	9.	-10.	21.
445818	68.7322	147.1456	-999.	-999.	-999.	3.20	-5.	-5.	-5.	16.	-20.	30.	-5.	-10.	-15.
445819	68.7258	147.0714	-999.	-999.	7.	2.97	-5.	5.	-5.	24.	-20.	38.	6.	-10.	19.
445820	68.7358	147.0694	-999.	-999.	7.	3.12	-5.	-5.	-5.	22.	-20.	31.	5.	-10.	25.
445821	68.7475	147.0383	-999.	-999.	10.	2.94	-5.	-5.	-5.	16.	-20.	16.	-5.	-10.	25.
445822	68.7589	147.0172	-999.	-999.	4.	2.30	-5.	-5.	-5.	18.	-20.	-15.	7.	-10.	-15.
445823	68.8503	147.0319	7.	165.	1.	1.71	-5.	-5.	-5.	11.	-20.	27.	-5.	-10.	-15.
445824	68.8431	147.0511	-999.	-999.	1.	2.22	-5.	-5.	-5.	11.	-20.	42.	-5.	-10.	-15.
445825	68.8217	147.0433	-999.	-999.	7.	2.54	-5.	-5.	-5.	17.	-20.	28.	-5.	-10.	17.
445826	68.8139	147.0297	-999.	-999.	7.	2.05	-5.	-5.	-5.	14.	-20.	15.	-5.	-10.	25.
445827	68.8844	147.0186	8.	148.	1.	2.16	-5.	-5.	-5.	18.	-20.	18.	-5.	-10.	-15.
445828	68.9092	147.1092	8.	184.	3.	1.96	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	23.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445771	-999.	-999.	72260.	-0.	789.	7341.	63.	-52.	17.6	79.	8.8	6.	1.5	34860.	5.5	20540.	32.
445772	-999.	-999.	64780.	-0.	377.	-812.	70.	-70.	17.0	85.	5.6	6.	1.3	39850.	8.3	21340.	35.
445773	-999.	-999.	65410.	-0.	327.	2962.	79.	-70.	17.6	81.	8.8	5.	1.5	41470.	8.7	16270.	39.
445774	-999.	-999.	51960.	-0.	363.	-696.	58.	-55.	15.7	64.	5.8	4.	1.0	34030.	9.0	11910.	29.
445775	-999.	-999.	60330.	-0.	371.	3174.	64.	-70.	17.1	82.	7.6	5.	1.3	37390.	7.2	19180.	34.
445776	-999.	-999.	62010.	-0.	326.	5433.	86.	-51.	14.2	111.	10.1	6.	1.5	36640.	15.2	15950.	38.
445777	-999.	-999.	50670.	-0.	364.	2194.	75.	-52.	14.9	91.	7.1	5.	1.2	38550.	8.5	14560.	33.
445778	-999.	-999.	46040.	-0.	361.	-642.	63.	-53.	15.6	83.	4.7	5.	1.1	32670.	8.8	11920.	28.
445779	-999.	-999.	83080.	-0.	564.	-792.	68.	-67.	19.9	111.	7.9	6.	1.4	42220.	7.0	18360.	39.
445780	-999.	-999.	73120.	-0.	388.	35470.	74.	-76.	23.2	103.	6.8	5.	1.4	43380.	5.7	20170.	37.
445781	-999.	-999.	21960.	-0.	198.	224500.	20.	-61.	2.8	44.	1.9	2.	.4	13910.	1.4	5636.	16.
445782	-999.	-999.	39160.	-0.	322.	129500.	33.	-61.	8.0	66.	3.3	3.	.7	20970.	1.8	11340.	23.
445783	-999.	-999.	9318.	-0.	-83.	273000.	10.	-77.	-999.0	45.	-.8	2.	.3	4290.	-.5	-1880.	11.
445784	-999.	-999.	2803.	-0.	-71.	304600.	4.	-57.	-999.0	21.	-.6	1.	.1	1350.	-.5	-1316.	8.
445785	-999.	-999.	60240.	-0.	469.	7299.	47.	-73.	14.1	86.	10.3	5.	1.2	53510.	5.6	14720.	34.
445786	-999.	-999.	52220.	-0.	358.	-700.	57.	-45.	14.1	78.	6.7	4.	1.1	27810.	4.7	15920.	29.
445787	-999.	-999.	66420.	-0.	617.	81040.	59.	-82.	13.2	64.	4.7	4.	1.2	38600.	4.1	17940.	30.
445788	-999.	-999.	57330.	-0.	455.	24190.	68.	-61.	15.9	84.	3.8	4.	1.3	36940.	7.3	17680.	34.
445789	-999.	-999.	74460.	-0.	461.	7481.	81.	-102.	19.1	114.	12.1	6.	1.4	49120.	4.8	22070.	39.
445790	-999.	-999.	54530.	-0.	627.	18800.	57.	-59.	14.8	73.	5.2	5.	1.1	33060.	7.1	16160.	33.
445791	-999.	-999.	59220.	-0.	678.	11930.	70.	-61.	16.1	91.	5.5	6.	1.4	36640.	12.1	14790.	34.
445792	-999.	-999.	63790.	-0.	664.	36620.	76.	-63.	15.9	70.	5.8	5.	1.5	38240.	6.8	19990.	35.
445793	-999.	-999.	61000.	-0.	600.	13220.	76.	-60.	15.5	91.	5.1	5.	1.3	40350.	8.1	15270.	35.
445794	-999.	-999.	56370.	-0.	562.	14610.	56.	-59.	14.6	71.	4.4	5.	1.3	33580.	6.2	13610.	32.
445795	-999.	-999.	66540.	-0.	463.	4866.	73.	-72.	16.5	95.	5.4	6.	1.4	38800.	10.9	16680.	36.
445796	-999.	-999.	70560.	-0.	421.	19110.	78.	-73.	19.1	78.	5.5	5.	1.5	39050.	5.9	18950.	38.
445797	-999.	-999.	76540.	-0.	582.	7252.	80.	-71.	13.2	107.	11.4	6.	1.4	41030.	5.4	19400.	35.
445798	-999.	-999.	78790.	-0.	-239.	7367.	68.	-102.	22.2	76.	13.0	6.	1.4	39680.	4.3	20410.	33.
445799	-999.	-999.	84870.	-0.	582.	-1538.	74.	-126.	20.3	101.	11.0	6.	1.6	47240.	6.5	22210.	38.
445800	-999.	-999.	76000.	-0.	472.	7010.	76.	-74.	16.4	103.	8.1	5.	1.4	38920.	7.7	18220.	41.
445809	-999.	-999.	28660.	-0.	614.	141400.	32.	-49.	3.7	68.	3.3	3.	.6	18900.	2.0	10720.	19.
445810	-999.	-999.	15000.	-0.	291.	223600.	13.	-55.	3.0	27.	1.1	1.	.3	8638.	.9	5302.	11.
445811	-999.	-999.	27450.	-0.	362.	206400.	28.	-66.	4.7	47.	2.3	3.	.6	14460.	2.2	10480.	18.
445812	-999.	-999.	34780.	-0.	428.	119500.	45.	-60.	8.3	74.	4.1	3.	.9	22750.	3.4	11620.	22.
445813	-999.	-999.	26550.	-0.	768.	185300.	34.	-55.	2.8	71.	2.7	2.	.7	17240.	2.1	9501.	22.
445814	-999.	-999.	24190.	-0.	571.	174500.	22.	-62.	5.0	56.	2.5	2.	.6	13290.	1.5	7830.	14.
445815	-999.	-999.	21730.	-0.	449.	223300.	19.	-68.	1.6	42.	2.7	2.	.4	11310.	1.6	7515.	13.
445816	-999.	-999.	2888.	-0.	-74.	306800.	-3.	-58.	-999.0	17.	-.7	1.	.2	1247.	-.5	-1318.	7.
445817	-999.	-999.	40210.	-0.	1013.	149600.	39.	-52.	5.7	100.	4.7	3.	.9	24400.	2.7	13830.	22.
445818	-999.	-999.	12460.	-0.	236.	260000.	10.	-58.	2.9	27.	1.8	1.	.3	7457.	1.0	4380.	9.
445819	-999.	-999.	13350.	-0.	220.	278800.	14.	-61.	1.0	33.	1.4	2.	.3	6830.	.9	5075.	10.
445820	-999.	-999.	19120.	-0.	162.	209800.	22.	-56.	3.0	42.	2.4	2.	.5	11610.	2.3	6453.	15.
445821	-999.	-999.	15240.	-0.	265.	244100.	19.	-60.	-999.0	41.	1.7	2.	.4	10690.	1.4	4490.	13.
445822	-999.	-999.	4594.	-0.	-73.	316400.	-2.	-54.	.9	13.	-.6	1.	-.1	2850.	-.5	-1292.	4.
445823	-999.	-999.	4658.	-0.	-73.	241600.	-2.	-64.	-999.0	19.	-.6	2.	.2	3935.	1.0	-1539.	7.
445824	-999.	-999.	8170.	-0.	134.	245100.	10.	-54.	-999.0	22.	1.0	1.	.2	6771.	1.1	3110.	8.
445825	-999.	-999.	12430.	-0.	366.	202800.	12.	-51.	2.9	29.	-1.0	2.	.4	9441.	1.9	5640.	12.
445826	-999.	-999.	4013.	-0.	141.	322700.	6.	-57.	-999.0	15.	-.6	1.	.2	3312.	-.4	-1327.	5.
445827	-999.	-999.	2337.	-0.	-59.	324900.	-3.	-53.	-999.0	12.	-.7	-1.	-.2	2466.	-.5	-1162.	5.
445828	-999.	-999.	2819.	-0.	-54.	268700.	3.	-45.	-999.0	14.	-.5	-999.	.1	2419.	-.4	-1051.	5.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445771	.3	6464.	891.	4051.	-47.	1.	15.9	5.7	-327.	-1.	-1.	9.9	5135.	124.	3.0	-58.	2.793
445772	.3	6779.	810.	3344.	87.	-1.	13.6	5.7	-216.	-1.	-1.	10.0	4549.	119.	2.9	101.	3.049
445773	.4	3230.	900.	2702.	106.	-1.	14.6	7.2	-296.	-1.	-1.	11.5	4523.	112.	3.7	142.	3.289
445774	.3	3886.	793.	1828.	100.	1.	10.8	3.9	-257.	-1.	-1.	8.4	4490.	101.	2.5	-46.	2.667
445775	.3	4548.	931.	1910.	86.	[illegible]	12.7	5.4	-241.	-1.	-1.	9.7	4771.	123.	2.9	119.	2.755
445776	.5	4440.	401.	2130.	90.	-1.	14.2	7.0	-202.	-1.	-1.	10.2	5009.	126.	3.6	117.	2.618
445777	.4	3766.	788.	1586.	95.	2.	12.8	5.7	-220.	-1.	1.	10.2	4778.	105.	3.1	-78.	2.933
445778	.3	2422.	771.	1491.	63.	2.	10.5	4.2	-244.	-1.	-1.	8.7	4418.	111.	3.8	86.	2.398
445779	.3	5584.	806.	2368.	127.	1.	17.2	6.4	-239.	-1.	-1.	11.7	5093.	167.	3.4	153.	2.950
445780	.4	9140.	1035.	2302.	107.	-2.	17.4	6.5	-312.	-1.	-1.	11.2	3918.	151.	4.1	[illegible]	3.086
445781	.1	9182.	146.	955.	48.	-1.	5.0	1.7	391.	-1.	-1.	2.7	3209.	65.	1.4	[illegible]	1.072
445782	.2	7633.	237.	1702.	-31.	-1.	7.8	2.6	284.	-1.	-1.	4.4	1895.	97.	2.0	130.	1.414
445783	.1	9611.	74.	561.	-18.	-1.	2.2	1.5	285.	-1.	-999.	1.4	-317.	42.	.8	139.	.493
445784	*****	8736.	49.	161.	-17.	-999.	.8	1.0	293.	-1.	-999.	-.4	-270.	16.	-.5	103.	-999.000
445785	.4	3977.	1102.	1400.	-46.	-1.	13.5	5.8	-338.	-1.	-1.	10.3	4156.	112.	3.5	132.	3.106
445786	.3	3251.	322.	1560.	62.	-1.	10.5	3.8	-193.	-1.	-1.	9.0	4821.	117.	2.7	112.	2.717
445787	.3	6192.	612.	3861.	84.	-1.	13.8	5.0	365.	-1.	-1.	9.8	3716.	106.	2.9	138.	3.448
445788	.3	3105.	686.	2317.	82.	-1.	12.8	5.8	-224.	-1.	-1.	9.2	3679.	101.	3.2	120.	3.003
445789	.4	9351.	1327.	4540.	116.	-2.	18.6	6.4	-404.	-1.	-2.	13.6	5569.	132.	3.7	-56.	4.016
445790	.4	5304.	624.	2591.	70.	-1.	11.4	4.5	-229.	-1.	-1.	8.9	4383.	107.	2.8	98.	2.865
445791	.4	3943.	698.	2451.	73.	1.	11.9	5.7	-200.	-1.	-1.	10.3	4486.	113.	2.7	87.	2.941
445792	.3	5276.	578.	3214.	79.	2.	13.0	5.5	-214.	-1.	-1.	11.0	3933.	152.	3.6	-22.	2.309
445793	.3	3569.	683.	2981.	100.	-1.	14.1	6.2	-221.	-1.	-1.	12.1	5331.	119.	3.3	-40.	3.922
445794	.3	5166.	591.	2905.	45.	1.	11.3	3.7	-237.	-1.	-1.	8.9	4941.	106.	2.1	99.	3.086
445795	.4	5344.	719.	3759.	96.	-1.	13.4	6.1	-219.	-1.	-1.	10.3	5364.	121.	3.2	69.	2.874
445796	.3	3057.	809.	3025.	106.	-1.	15.7	6.8	-268.	-1.	-1.	11.6	4226.	122.	3.4	69.	3.534
445797	.4	7308.	670.	3753.	116.	-2.	17.3	6.5	-265.	-1.	2.	13.2	5878.	144.	3.9	-57.	3.861
445798	.4	8953.	870.	4149.	121.	-2.	17.0	4.7	-398.	-2.	-1.	11.1	5849.	151.	3.9	-161.	3.215
445799	.4	7574.	1897.	4476.	140.	-2.	17.9	6.3	-438.	-1.	-1.	12.2	4908.	156.	3.6	192.	3.205
445800	.4	6458.	473.	3912.	115.	-2.	16.0	6.5	-249.	-1.	-1.	11.2	4616.	140.	3.5	-101.	3.106
445809	.2	6788.	131.	1277.	56.	1.	6.7	2.4	257.	-1.	-1.	3.8	1989.	79.	2.4	93.	1.206
445810	.1	21690.	80.	867.	-21.	-1.	3.2	1.1	398.	-1.	-999.	1.8	968.	41.	.9	102.	.706
445811	.2	11580.	112.	1541.	37.	-1.	5.5	2.5	379.	-1.	-999.	3.5	1449.	64.	1.3	69.	1.229
445812	.2	5752.	176.	1880.	-32.	-1.	8.3	3.4	-149.	-1.	-1.	5.8	2118.	83.	2.3	110.	1.429
445813	.2	19210.	90.	1427.	67.	-1.	6.1	3.5	364.	-1.	-1.	4.1	1643.	78.	2.0	84.	1.282
445814	.1	12510.	97.	1254.	-27.	-1.	4.9	1.9	-149.	-1.	-1.	3.0	1572.	70.	1.3	119.	.917
445815	.2	11920.	76.	1097.	-18.	1.	4.4	2.2	270.	-1.	-999.	2.5	1228.	61.	1.4	93.	.865
445816	*****	15920.	35.	132.	-17.	1.	.9	.5	400.	-1.	-999.	-.5	-280.	16.	-.5	59.	-999.000
445817	.2	7909.	100.	2048.	73.	-1.	8.9	2.7	260.	-1.	-1.	4.9	2511.	119.	2.3	121.	1.311
445818	.1	5547.	62.	668.	-22.	-1.	2.7	1.0	348.	-1.	-999.	1.7	829.	35.	.7	76.	.531
445819	.1	9612.	56.	697.	-17.	1.	2.9	1.5	319.	-1.	-999.	1.8	824.	39.	.9	-34.	.606
445820	.1	7476.	83.	1093.	51.	-1.	4.5	2.5	225.	-1.	-999.	2.6	1245.	49.	1.6	92.	.833
445821	.1	10440.	91.	864.	-21.	1.	3.8	1.4	310.	-1.	-1.	2.3	928.	45.	1.1	71.	.782
445822	*****	9192.	32.	250.	-16.	-999.	1.0	.5	424.	-1.	-999.	.7	-263.	16.	-.4	54.	.304
445823	.1	11810.	48.	245.	-16.	-999.	1.8	1.0	547.	-1.	-999.	1.1	-266.	21.	.6	31.	.643
445824	.3	13370.	60.	480.	-17.	-1.	2.3	1.2	785.	-1.	-999.	1.2	644.	25.	.8	111.	.541
445825	.1	4819.	80.	461.	-25.	-1.	2.9	1.3	384.	-1.	-1.	2.1	1100.	32.	1.1	97.	.826
445826	.1	8798.	36.	93.	-16.	-999.	1.2	-1.0	474.	-1.	-999.	.5	-218.	17.	.5	26.	.244
445827	*****	18600.	31.	96.	-18.	-999.	.5	.4	413.	-1.	-999.	-.5	-239.	15.	-.5	57.	-999.000
445828	*****	42510.	23.	121.	-14.	-999.	.7	.7	454.	1.	-999.	.4	-228.	18.	-.4	52.	.204

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445829	68.8431	147.1522	8.	214.	6.	2.47	-5.	-5.	-5.	21.	-20.	-15.	-5.	-10.	18.
445830	68.8367	147.1347	8.	319.	6.	2.27	-5.	8.	-5.	24.	-20.	27.	-5.	-10.	30.
445831	68.8061	147.1744	-999.	-999.	1.	2.18	-5.	-5.	-5.	11.	-20.	21.	-5.	-10.	-15.
445832	68.8106	147.1644	-999.	-999.	-999.	2.14	-5.	-5.	-5.	28.	-20.	-15.	-5.	-10.	25.
445833	68.7728	147.1781	-999.	-999.	7.	2.36	-5.	9.	-5.	14.	-20.	24.	-5.	-10.	17.
445834	68.7744	147.2128	-999.	-999.	7.	2.22	-5.	-5.	-5.	12.	-20.	-15.	5.	-10.	-15.
445835	68.6736	147.1717	8.	144.	7.	4.22	-5.	-5.	-5.	43.	-20.	134.	14.	-10.	48.
445836	68.6792	147.1772	8.	468.	6.	3.66	-5.	-5.	-5.	27.	-20.	47.	-5.	-10.	18.
445837	68.6944	147.0436	8.	184.	3.	3.45	-5.	-5.	-5.	29.	-20.	40.	-5.	-10.	-15.
445838	68.6708	147.0258	8.	634.	6.	5.46	-5.	-5.	-5.	61.	-20.	54.	14.	-10.	-15.
445839	68.6503	147.0353	8.	556.	12.	3.47	-5.	12.	-5.	29.	-20.	45.	12.	-10.	26.
445840	68.6328	147.0044	8.	201.	6.	3.29	-5.	7.	-5.	32.	-20.	32.	-5.	-10.	-15.
445841	68.6169	147.1017	8.	127.	9.	3.25	-5.	8.	-5.	36.	-20.	52.	-5.	-10.	-15.
445842	68.6253	147.1056	-999.	-999.	9.	3.37	-5.	-5.	-5.	27.	-20.	40.	9.	-10.	-15.
445843	68.6914	147.2153	8.	258.	4.	3.60	-5.	-5.	-5.	37.	-20.	46.	-5.	-10.	-15.
445844	68.6964	147.2625	-999.	-999.	3.	3.39	-5.	10.	-5.	28.	-20.	42.	10.	-10.	-15.
445845	68.5875	148.2903	8.	169.	7.	3.21	-5.	-5.	-5.	26.	-20.	45.	9.	-10.	-15.
445846	68.6003	148.3217	8.	202.	7.	3.31	-5.	-5.	-5.	34.	-20.	46.	6.	-10.	-15.
445847	68.5842	148.3164	8.	139.	6.	2.45	-5.	-5.	-5.	-10.	-20.	19.	-5.	-10.	-15.
445848	68.6939	147.6336	-999.	-999.	7.	2.58	-5.	-5.	5.	19.	-20.	46.	6.	-10.	16.
445849	68.6567	147.6550	-999.	-999.	4.	2.85	-5.	5.	-5.	17.	-20.	51.	5.	-10.	-15.
445850	68.6794	147.7369	8.	80.	7.	2.04	-5.	-5.	-5.	14.	-20.	17.	-5.	-10.	-15.
445851	68.6706	147.7731	-999.	-999.	1.	2.52	-5.	-5.	-5.	-10.	-20.	27.	6.	-10.	-15.
445852	68.6144	147.7236	8.	93.	4.	2.87	-5.	-5.	-5.	25.	-20.	45.	7.	-10.	-15.
445853	68.6219	147.7144	-999.	-999.	6.	2.73	-5.	-5.	-5.	14.	-20.	21.	-5.	-10.	15.
445854	68.6339	147.7550	8.	166.	4.	3.43	-5.	5.	-5.	19.	-20.	43.	12.	10.	-15.
445855	68.6147	147.8247	9.	146.	4.	2.88	-5.	-5.	-5.	17.	-20.	36.	-5.	-10.	-15.
445856	68.6197	147.8211	9.	91.	4.	2.31	-5.	-5.	-5.	14.	-20.	22.	-5.	-10.	17.
445857	68.6556	147.8803	9.	124.	3.	2.06	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	22.
445858	68.6161	147.9669	9.	150.	1.	3.13	-5.	-5.	-5.	15.	-20.	32.	-5.	-10.	-15.
445859	68.6200	147.9792	9.	171.	1.	3.10	-5.	-5.	-5.	-10.	-20.	39.	5.	-10.	-15.
445860	68.5422	148.2775	8.	121.	4.	3.39	-5.	-5.	-5.	22.	-20.	36.	11.	-10.	-15.
445861	68.5497	148.2869	8.	134.	4.	3.41	-5.	-5.	-5.	30.	-20.	52.	7.	-10.	-15.
445862	68.5192	148.2811	8.	122.	7.	3.78	-5.	6.	-5.	15.	-20.	53.	8.	-10.	-15.
445863	68.5183	148.2664	8.	107.	7.	3.62	-5.	-5.	-5.	26.	-20.	36.	5.	-10.	-15.
445864	68.5144	148.1839	8.	145.	3.	4.27	-5.	-5.	-5.	60.	-20.	50.	19.	-10.	-15.
445865	68.5217	148.1867	8.	105.	3.	3.22	-5.	-5.	-5.	24.	-20.	31.	5.	-10.	-15.
445866	68.5142	148.0608	8.	138.	7.	3.11	-5.	-5.	-5.	43.	-20.	33.	10.	-10.	-15.
445867	68.5139	148.0422	8.	138.	7.	3.27	-5.	-5.	-5.	52.	-20.	35.	11.	-10.	-15.
445868	68.4158	147.9233	8.	219.	7.	2.32	-5.	-5.	-5.	34.	-20.	50.	8.	-10.	-15.
445869	68.4047	147.9736	-999.	-999.	9.	2.07	-5.	-5.	-5.	20.	-20.	42.	10.	-10.	-15.
445870	68.4014	148.0578	8.	5.	11.	4.10	-5.	8.	-5.	65.	-20.	64.	33.	-10.	-15.
445871	68.4006	148.0933	8.	1.	7.	3.88	-5.	-5.	-5.	58.	-20.	62.	19.	-10.	-15.
445872	68.3856	148.1122	8.	111.	11.	3.93	-5.	5.	-5.	50.	-20.	41.	19.	-10.	-15.
445873	68.3931	148.1108	8.	101.	11.	3.64	-5.	5.	-5.	66.	-20.	63.	27.	-10.	-15.
445874	68.3886	148.0500	8.	284.	11.	4.25	-5.	8.	-5.	61.	-20.	60.	23.	-10.	-15.
445875	68.3911	148.0158	8.	223.	10.	3.93	-5.	-5.	-5.	60.	-20.	54.	20.	-10.	-15.
445876	68.3992	147.9097	8.	207.	7.	3.47	-5.	-5.	-5.	49.	-20.	50.	18.	-10.	-15.
445877	68.4033	147.9242	8.	132.	7.	3.84	-5.	11.	-5.	63.	-20.	51.	19.	-10.	-15.
445878	68.5972	147.3511	8.	82.	11.	3.10	-5.	-5.	-5.	26.	-20.	35.	5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445829	-999.	-999.	3644.	-0.	-74.	263000.	-3.	-55.	1.1	15.	-.8	1.	.2	3154.	-.6	-1296.	6.
445830	-999.	-999.	12180.	-0.	251.	268100.	13.	-61.	1.0	29.	.9	2.	.3	8330.	1.1	3431.	10.
445831	-999.	-999.	7644.	-0.	149.	303400.	8.	-54.	-.3	23.	-.8	1.	.4	6760.	1.0	2280.	8.
445832	-999.	-999.	6957.	-0.	195.	285100.	9.	-51.	-999.0	25.	-.7	2.	.3	6555.	1.0	2773.	8.
445833	-999.	-999.	2431.	-0.	-68.	304700.	-3.	-54.	-.8	9.	-.7	1.	-.2	1878.	-.5	-1271.	6.
445834	-999.	-999.	2427.	-0.	-57.	348300.	-2.	-61.	-999.0	12.	-.5	1.	.1	2307.	-.4	-1374.	4.
445835	-999.	-999.	62630.	-0.	1145.	37490.	48.	-62.	34.7	116.	7.8	5.	1.3	37640.	4.0	19610.	30.
445836	-999.	-999.	36580.	-0.	1392.	144100.	37.	-53.	3.8	77.	4.3	3.	.8	22330.	3.2	10620.	20.
445837	-999.	-999.	36980.	-0.	1772.	133200.	28.	-57.	6.9	72.	3.4	3.	1.1	23510.	2.4	12880.	18.
445838	-999.	-999.	63200.	-0.	1758.	50080.	52.	-81.	10.2	123.	6.1	6.	1.0	32650.	4.8	17990.	29.
445839	-999.	-999.	52830.	-0.	1057.	56650.	43.	-56.	6.9	118.	8.3	3.	1.0	29940.	3.3	14450.	22.
445840	-999.	-999.	38670.	-0.	1133.	127600.	37.	-56.	3.7	80.	4.4	3.	.9	25410.	2.7	12420.	21.
445841	-999.	-999.	34900.	-0.	925.	136300.	29.	-54.	7.1	57.	2.6	3.	.7	21470.	2.5	11310.	18.
445842	-999.	-999.	42900.	-0.	920.	118000.	36.	-64.	4.1	76.	4.0	3.	.5	23470.	3.4	16890.	21.
445843	-999.	-999.	55510.	-0.	1045.	76040.	52.	-58.	9.5	102.	7.7	4.	1.1	31590.	4.3	17920.	28.
445844	-999.	-999.	40600.	-0.	671.	111900.	35.	-51.	5.0	76.	3.6	4.	.7	23790.	4.3	15660.	23.
445845	-999.	-999.	36890.	-0.	600.	105600.	33.	-73.	8.4	59.	3.7	3.	.7	22580.	2.5	14060.	22.
445846	-999.	-999.	50210.	-0.	909.	69640.	40.	-81.	7.8	90.	4.7	5.	.7	27290.	3.2	16020.	27.
445847	-999.	-999.	9042.	-0.	-74.	238700.	9.	-56.	-.4	27.	1.4	1.	.3	5907.	-.7	3064.	11.
445848	-999.	-999.	25490.	-0.	217.	146200.	33.	-62.	-.3	65.	3.4	3.	.6	18570.	1.9	7909.	25.
445849	-999.	-999.	39750.	-0.	673.	115700.	31.	-62.	7.3	69.	3.0	3.	.8	20930.	2.2	11840.	21.
445850	-999.	-999.	5231.	-0.	102.	310500.	5.	-70.	-999.0	23.	-.7	-1.	-.1	2621.	-.5	-1614.	6.
445851	-999.	-999.	18490.	-0.	102.	180500.	43.	-51.	4.0	43.	2.9	2.	.6	15380.	1.1	6637.	34.
445852	-999.	-999.	34010.	-0.	628.	158300.	36.	-58.	5.3	60.	3.1	3.	.7	21820.	2.4	12280.	20.
445853	-999.	-999.	21650.	-0.	302.	216300.	20.	-54.	3.7	43.	1.9	2.	.5	11890.	1.6	8089.	14.
445854	-999.	-999.	33830.	-0.	411.	132600.	30.	-62.	3.5	66.	4.2	4.	.7	19220.	1.8	11100.	21.
445855	-999.	-999.	17500.	-0.	126.	223700.	21.	-58.	2.2	41.	2.3	2.	.5	12080.	1.5	6654.	15.
445856	-999.	-999.	10770.	0.	93.	273800.	9.	-57.	-999.0	34.	-.8	1.	.3	7434.	-.5	27[illegible]8.	10.
445857	-999.	-999.	4000.	-0.	-77.	275200.	-3.	-56.	.9	15.	-.8	1.	-.2	2680.	-.6	-1548.	6.
445858	-999.	-999.	23630.	-0.	259.	200000.	21.	-73.	2.6	46.	-1.0	2.	.6	13400.	1.5	6466.	15.
445859	-999.	-999.	20180.	-0.	141.	224600.	18.	-64.	1.5	65.	2.6	1.	.4	10300.	1.2	5276.	18.
445860	-999.	-999.	34700.	-0.	284.	138300.	34.	-66.	4.0	69.	3.5	3.	.7	20620.	2.3	12490.	22.
445861	-999.	-999.	27220.	-0.	249.	171300.	23.	-61.	6.9	48.	2.3	3.	.5	16430.	1.9	9578.	16.
445862	-999.	-999.	33830.	-0.	-85.	203300.	23.	-74.	3.6	63.	3.7	3.	.7	17360.	1.2	11300.	20.
445863	-999.	-999.	25730.	-0.	114.	216500.	26.	-62.	4.9	53.	2.0	2.	.5	14790.	1.7	7430.	17.
445864	-999.	-999.	69270.	-0.	677.	14930.	81.	-57.	18.7	114.	7.7	6.	1.3	46590.	7.9	13600.	38.
445865	-999.	-999.	28560.	-0.	156.	166100.	27.	-62.	6.4	60.	2.8	3.	.6	15580.	1.5	9793.	19.
445866	-999.	-999.	56900.	-0.	320.	107000.	43.	-75.	11.2	76.	4.4	5.	1.0	32180.	2.5	11830.	25.
445867	-999.	-999.	49960.	-0.	514.	16920.	60.	-49.	15.8	83.	3.8	4.	1.0	39090.	6.2	10380.	29.
445868	-999.	-999.	58860.	-0.	473.	70790.	53.	-73.	6.4	112.	6.4	5.	1.1	32910.	2.6	14380.	29.
445869	-999.	-999.	48340.	-0.	276.	110900.	30.	-65.	10.7	74.	4.0	3.	.7	30440.	1.9	15100.	22.
445870	-999.	-999.	92440.	-0.	809.	15530.	60.	183.	17.7	125.	20.5	7.	2.1	37770.	4.0	20150.	32.
445871	-999.	-999.	71820.	-0.	389.	-627.	77.	-55.	20.1	110.	7.6	6.	1.5	43430.	7.5	16430.	38.
445872	-999.	-999.	64500.	-0.	550.	-619.	81.	-51.	16.8	115.	7.9	5.	1.4	47370.	8.6	15240.	39.
445873	-999.	-999.	80240.	-0.	547.	3618.	73.	-61.	21.5	106.	7.5	7.	1.6	44790.	6.5	17950.	36.
445874	-999.	-999.	81780.	-0.	435.	2304.	90.	-65.	24.9	114.	9.0	6.	1.5	49860.	7.5	17750.	44.
445875	-999.	-999.	73930.	-0.	598.	3508.	83.	-63.	23.4	120.	7.9	5.	1.4	48370.	6.7	17750.	39.
445876	-999.	-999.	61350.	-0.	475.	24000.	65.	-62.	18.0	80.	5.5	4.	1.1	36290.	5.8	15520.	33.
445877	-999.	-999.	76620.	-0.	488.	2899.	73.	-63.	20.1	111.	6.3	7.	1.5	44270.	6.5	19230.	39.
445878	-999.	-999.	17640.	-0.	250.	213300.	14.	-65.	1.9	48.	2.1	2.	.4	10820.	1.6	6369.	13.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445829	*****	15940.	31.	141.	-23.	1.	.9	.5	785.	-1.	-999.	-.6	-277.	19.	-.6	103.	-999.000
445830	.1	9232.	81.	586.	26.	-999.	2.9	1.6	341.	-1.	-999.	1.6	928.	32.	1.1	61.	.705
445831	.1	7378.	59.	379.	-20.	-1.	2.0	.9	424.	-1.	-999.	1.1	-247.	21.	-.5	59.	.505
445832	.1	9136.	57.	408.	-17.	-999.	1.9	1.2	425.	-999.	-999.	1.6	673.	25.	.7	87.	.747
445833	*****	13390.	20.	100.	-20.	-999.	.5	.3	411.	-1.	-999.	-.5	-252.	14.	-.5	53.	-999.000
445834	*****	14790.	26.	81.	-15.	-999.	.7	.6	451.	-999.	-999.	-.4	-222.	12.	-.4	42.	-999.000
445835	.3	6515.	300.	2930.	102.	-1.	13.7	4.8	-183.	-1.	-1.	8.1	3291.	176.	3.8	250.	1.919
445836	.2	19620.	102.	2200.	74.	-1.	8.2	2.5	270.	-1.	1.	4.8	2461.	106.	1.7	98.	1.311
445837	.2	9989.	115.	2108.	78.	-1.	7.3	2.0	254.	-1.	-1.	4.5	2515.	107.	1.6	-50.	1.304
445838	.3	9336.	321.	5547.	124.	1.	12.9	4.8	-178.	-1.	-1.	8.1	3606.	208.	2.8	-190.	1.484
445839	.2	18240.	56.	2662.	101.	-1.	11.3	4.0	-135.	-1.	-1.	7.9	3281.	161.	2.8	141.	2.278
445840	.2	7662.	130.	2549.	64.	-1.	8.8	2.7	341.	-1.	-1.	5.4	2663.	117.	2.4	186.	1.642
445841	.2	7541.	112.	2182.	31.	-1.	6.9	2.3	-126.	-1.	-1.	4.2	2394.	103.	2.4	127.	1.292
445842	.2	18710.	80.	2675.	78.	-1.	8.4	3.2	-118.	-1.	-1.	5.6	2640.	123.	1.8	123.	1.661
445843	.3	5646.	120.	2660.	107.	-1.	11.9	3.7	-140.	-1.	-1.	6.0	3350.	147.	2.2	168.	1.667
445844	.2	8627.	109.	2516.	71.	1.	9.0	3.0	-112.	-1.	-1.	6.1	2944.	102.	2.3	99.	1.799
445845	.2	8981.	369.	2393.	82.	-1.	7.8	2.4	-231.	-2.	-1.	4.0	2638.	89.	2.0	-53.	1.247
445846	.2	9751.	404.	3543.	96.	-1.	10.1	3.7	-197.	-1.	-1.	5.9	2879.	124.	2.4	113.	1.783
445847	*****	33280.	75.	454.	-23.	-1.	2.4	1.5	522.	-1.	-999.	1.3	656.	34.	.5	104.	.531
445848	.1	16750.	90.	1470.	-29.	-1.	5.8	3.1	664.	-1.	-1.	4.0	1399.	75.	-1.0	91.	1.550
445849	.2	7745.	198.	2076.	63.	-1.	7.5	2.2	-163.	-1.	-1.	4.1	2418.	100.	1.5	134.	1.439
445850	*****	13920.	24.	156.	-20.	-999.	1.2	.7	630.	-1.	-999.	.8	-268.	26.	-.5	59.	.392
445851	.1	16490.	73.	691.	32.	1.	4.3	3.8	555.	-1.	-1.	4.0	631.	59.	1.3	107.	1.587
445852	.2	14800.	174.	2168.	48.	-1.	7.6	2.2	387.	-1.	-1.	4.3	2154.	88.	1.8	138.	1.499
445853	.1	5366.	78.	890.	47.	-1.	4.3	1.4	447.	-1.	-999.	2.7	1186.	57.	1.2	98.	.989
445854	.1	29160.	103.	1140.	53.	2.	6.7	2.8	-131.	-1.	-1.	5.0	1761.	102.	1.7	137.	1.458
445855	.1	26090.	85.	732.	-24.	-1.	3.8	2.4	396.	-1.	-1.	2.5	654.	55.	1.3	54.	.868
445856	.1	16420.	82.	525.	-19.	-1.	2.5	1.3	515.	-1.	-999.	1.3	584.	36.	-.5	83.	.563
445857	*****	10370.	26.	160.	-21.	-1.	.9	.5	544.	-1.	-999.	-.5	-273.	17.	-.6	78.	-999.000
445858	.2	26430.	146.	1177.	-22.	1.	4.8	2.1	-138.	-1.	-999.	2.6	1274.	63.	1.7	111.	.831
445859	.1	18840.	68.	1075.	-27.	-1.	4.1	1.8	471.	-1.	-1.	3.0	1090.	66.	-.9	98.	.968
445860	.2	6606.	281.	1608.	-27.	-1.	8.0	2.6	441.	-1.	-1.	5.4	2460.	86.	2.2	115.	1.592
445861	.2	7375.	207.	1251.	-29.	-1.	5.8	2.3	279.	-1.	-1.	3.4	1713.	70.	1.4	-58.	.997
445862	.1	13630.	165.	1142.	44.	1.	6.5	2.6	466.	-1.	-1.	3.4	1702.	84.	1.6	255.	.899
445863	.1	11520.	152.	783.	-27.	-1.	5.8	2.8	411.	-1.	-1.	3.2	1320.	73.	1.6	90.	.884
445864	.4	5113.	823.	1843.	87.	-1.	17.9	6.0	-230.	-1.	-1.	13.1	5219.	142.	3.9	-41.	3.067
445865	.1	7333.	183.	990.	-31.	-1.	5.9	1.9	357.	-1.	-1.	3.5	1418.	77.	1.7	134.	1.087
445866	.2	9922.	508.	1670.	52.	-1.	11.4	4.0	395.	-1.	-1.	6.5	3269.	121.	2.2	132.	2.092
445867	.3	3567.	691.	1236.	73.	-1.	12.3	4.6	-215.	-1.	-1.	7.9	3217.	104.	2.8	93.	2.415
445868	.2	5778.	274.	2495.	86.	-1.	14.1	3.9	-203.	-1.	-1.	8.0	3457.	127.	2.6	167.	3.448
445869	.2	9538.	271.	2124.	82.	-1.	9.6	3.0	368.	-1.	-1.	5.3	2296.	111.	1.7	143.	2.558
445870	.4	-2142.	992.	2300.	119.	-2.	20.2	7.2	-357.	-2.	-1.	10.2	4494.	203.	3.8	142.	2.488
445871	.3	4483.	662.	2148.	105.	-1.	16.9	6.8	-228.	-1.	-1.	11.7	5056.	130.	3.9	-45.	3.012
445872	.4	3218.	814.	1536.	113.	2.	16.6	6.5	-226.	-1.	2.	11.6	4914.	145.	3.8	117.	2.950
445873	.3	6488.	734.	1956.	118.	-1.	17.6	6.2	-212.	-1.	-1.	10.7	5028.	159.	3.3	106.	2.941
445874	.5	5746.	1021.	1952.	87.	-1.	19.8	7.1	-281.	-1.	-1.	12.9	4804.	152.	4.0	142.	3.040
445875	.4	3882.	1004.	1772.	134.	1.	18.8	6.8	-258.	-1.	-1.	12.6	5833.	142.	4.2	141.	3.205
445876	.3	5226.	852.	1684.	77.	-1.	13.2	4.3	-266.	-1.	-1.	8.8	4523.	124.	2.7	-76.	2.538
445877	.4	6820.	733.	2028.	95.	1.	17.2	6.2	-223.	-1.	-1.	11.0	5310.	157.	3.7	119.	2.865
445878	.2	17210.	107.	1250.	-26.	-1.	4.4	2.2	315.	-1.	-1.	2.2	1176.	50.	1.5	116.	.710

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445879	68.6017	147.3703	8.	124.	11.	4.36	-5.	-5.	-5.	29.	-20.	61.	-5.	-10.	-15.
445880	68.6356	147.3614	8.	218.	4.	3.68	-5.	-5.	-5.	39.	-20.	36.	-5.	-10.	-15.
445881	68.6411	147.3672	8.	149.	7.	3.00	-5.	5.	-5.	18.	-20.	24.	-5.	-10.	-15.
445882	68.6367	147.4389	8.	547.	7.	3.93	-5.	5.	-5.	46.	-20.	87.	12.	-10.	-15.
445883	68.6350	147.4861	8.	328.	6.	4.00	-5.	6.	-5.	39.	-20.	67.	11.	-10.	23.
445884	68.6408	147.5703	8.	214.	7.	3.37	-5.	-5.	-5.	36.	-20.	51.	14.	-10.	-15.
445885	68.6239	147.5303	8.	39.	6.	2.88	-5.	-5.	-5.	27.	-20.	28.	10.	-10.	-15.
445886	68.6189	147.5597	8.	118.	1.	2.98	-5.	7.	-5.	18.	-20.	47.	7.	-10.	-15.
445887	68.6058	147.5319	8.	125.	4.	2.84	-5.	-5.	-5.	11.	-20.	20.	-5.	-10.	-15.
445888	68.5900	147.5256	-999.	-999.	4.	3.38	-5.	8.	-5.	32.	-20.	59.	11.	-10.	-15.
445889	68.5936	147.5103	8.	150.	4.	2.31	-5.	-5.	-5.	-10.	-20.	35.	-5.	-10.	-15.
445890	68.6019	147.5525	8.	91.	7.	3.06	-5.	6.	-5.	21.	-20.	30.	9.	-10.	-15.
445891	68.5764	147.6956	8.	299.	7.	3.36	-5.	-5.	-5.	32.	-20.	57.	8.	-10.	-15.
445892	68.5803	147.6556	-999.	-999.	6.	3.16	-5.	-5.	-5.	33.	-20.	53.	-5.	-10.	20.
445893	68.5981	147.6906	-999.	-999.	7.	3.07	-5.	-5.	-5.	19.	-20.	32.	-5.	-10.	-15.
445894	68.5981	147.7281	8.	106.	6.	2.65	-5.	-5.	-5.	14.	-20.	23.	-5.	-10.	-15.
445895	68.4986	147.6478	8.	103.	3.	2.82	-5.	-5.	-5.	22.	-20.	41.	-5.	-10.	-15.
445896	68.5181	147.6358	8.	125.	-999.	3.72	-5.	8.	-5.	54.	-20.	47.	14.	-10.	16.
445897	68.5303	147.6192	8.	81.	4.	2.31	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445898	68.5297	147.5872	8.	82.	-999.	3.63	-5.	-5.	-5.	40.	-20.	52.	8.	-10.	15.
445899	68.5292	147.5319	8.	108.	7.	2.89	-5.	-5.	-5.	21.	-20.	52.	10.	-10.	-15.
445900	68.5381	147.5289	8.	105.	7.	3.06	-5.	5.	-5.	14.	-20.	41.	9.	-10.	-15.
445921	68.4225	148.2875	8.	87.	-999.	3.98	-5.	-5.	-5.	25.	-20.	35.	7.	-10.	-15.
445922	68.4219	148.2719	8.	85.	-999.	3.93	-5.	-5.	-5.	58.	-20.	-15.	-5.	-10.	-15.
445923	68.4414	148.2319	9.	30.	13.	3.18	-5.	-5.	-5.	32.	-20.	16.	-5.	-10.	-15.
445924	68.4467	148.2511	8.	87.	13.	4.04	-5.	-5.	-5.	36.	-20.	53.	16.	-10.	-15.
445925	68.4481	148.1486	9.	39.	3.	4.48	-5.	-5.	-5.	49.	-20.	39.	19.	-10.	-15.
445926	68.4839	148.1167	8.	51.	3.	4.33	-5.	-5.	-5.	40.	-20.	21.	22.	-10.	-15.
445927	68.4061	148.1853	8.	876.	20.	4.40	-5.	-5.	-5.	62.	-20.	-15.	12.	-10.	-15.
445928	68.4008	148.1872	8.	211.	20.	4.16	-5.	-5.	-5.	43.	-20.	43.	15.	-10.	-15.
445929	68.3889	148.2081	8.	133.	10.	4.09	-5.	-5.	-5.	52.	-20.	33.	15.	-10.	-15.
445930	68.3914	148.2186	8.	215.	-999.	4.53	-5.	-5.	-5.	49.	-20.	37.	25.	-10.	-15.
445931	68.3297	148.2511	8.	141.	13.	4.26	-5.	-5.	-5.	31.	-20.	30.	13.	-10.	-15.
445932	68.3261	148.2706	8.	224.	-999.	4.00	-5.	-5.	-5.	46.	-20.	49.	10.	-10.	-15.
445933	68.3497	148.1564	8.	287.	8.	3.24	-5.	-5.	-5.	28.	-20.	21.	6.	-10.	-15.
445934	68.3167	148.1222	8.	126.	8.	3.15	-5.	-5.	-5.	37.	-20.	24.	13.	-10.	-15.
445935	68.2981	148.2731	8.	262.	8.	3.87	-5.	-5.	-5.	35.	-20.	28.	16.	-10.	-15.
445936	68.1114	148.5769	8.	375.	23.	3.73	-5.	-5.	-5.	40.	-20.	42.	17.	-10.	-15.
445937	68.1236	148.6217	8.	282.	10.	3.05	-5.	-5.	-5.	36.	-20.	26.	10.	-10.	-15.
445938	68.0967	149.6053	8.	228.	13.	3.77	-5.	-5.	-5.	46.	-20.	26.	11.	-10.	-15.
445939	68.0917	149.5764	8.	320.	13.	3.69	-5.	-5.	-5.	37.	-20.	46.	14.	-10.	-15.
445940	68.1169	148.4619	8.	125.	10.	3.78	-5.	-5.	-5.	23.	-20.	29.	-5.	-10.	-15.
445941	68.1281	148.4728	8.	273.	10.	4.22	-5.	-5.	-5.	52.	-20.	47.	12.	-10.	-15.
445942	68.1417	148.4606	8.	157.	10.	3.69	-5.	-5.	-5.	50.	-20.	32.	10.	-10.	-15.
445943	68.1606	148.4283	8.	171.	10.	3.59	-5.	-5.	-5.	28.	-20.	32.	8.	-10.	-15.
445944	68.0781	148.5172	8.	173.	10.	3.62	-5.	-5.	-5.	44.	-20.	33.	13.	-10.	-15.
445945	68.0531	148.4828	8.	67.	6.	3.75	-5.	-5.	-5.	34.	-20.	35.	7.	-10.	-15.
445946	68.0439	148.4769	8.	147.	6.	3.41	-5.	-5.	-5.	41.	-20.	25.	-5.	-10.	-15.
445947	68.0119	148.4519	8.	267.	6.	3.71	-5.	-5.	-5.	67.	-20.	36.	15.	-10.	-15.
445948	68.2764	148.3692	8.	52.	11.	2.94	-5.	-5.	-5.	19.	-20.	24.	13.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445879	-999.	-999.	13960.	-0.	153.	217100.	15.	-59.	-999.0	56.	2.8	2.	.4	9778.	1.2	5791.	16.
445880	-999.	-999.	36830.	-0.	1034.	141400.	33.	-57.	8.2	71.	3.2	3.	.9	19990.	2.3	11560.	18.
445881	-999.	-999.	26930.	-0.	388.	203400.	23.	-60.	2.6	49.	2.4	3.	.6	14570.	2.0	9562.	18.
445882	-999.	-999.	64570.	-0.	1337.	36800.	55.	-57.	18.1	152.	9.2	4.	1.2	32380.	3.8	20750.	30.
445883	-999.	-999.	66920.	-0.	1766.	32020.	57.	-58.	13.0	151.	8.8	5.	1.2	35110.	4.5	23580.	30.
445884	-999.	-999.	46820.	-0.	1298.	59650.	37.	-64.	10.5	88.	5.3	4.	1.0	26700.	2.9	15720.	24.
445885	-999.	-999.	38820.	-0.	371.	170600.	32.	-61.	4.6	88.	4.0	3.	.8	21260.	1.7	10940.	25.
445886	-999.	-999.	18350.	-0.	137.	230300.	16.	-52.	2.3	48.	3.0	2.	.4	9200.	1.4	6065.	18.
445887	-999.	-999.	18200.	-0.	152.	251400.	16.	-58.	-999.0	52.	1.7	2.	.3	10390.	1.0	4885.	16.
445888	-999.	-999.	38140.	-0.	690.	111500.	28.	-60.	7.3	66.	3.1	3.	.7	18710.	2.6	14730.	20.
445889	-999.	-999.	10150.	-0.	-61.	274600.	10.	-59.	-.1	27.	.9	1.	.3	5197.	-.4	5761.	11.
445890	-999.	-999.	33000.	-0.	186.	200400.	34.	-69.	6.0	82.	2.9	2.	.7	18320.	1.7	8984.	21.
445891	-999.	-999.	36900.	-0.	682.	128200.	36.	-61.	4.4	89.	4.2	3.	.8	23360.	2.5	12600.	24.
445892	-999.	-999.	30760.	-0.	565.	150600.	29.	-63.	6.0	61.	2.9	2.	.8	17080.	2.0	10080.	18.
445893	-999.	-999.	22550.	-0.	320.	250500.	19.	-65.	2.5	41.	2.2	2.	.5	10860.	1.2	8181.	14.
445894	-999.	-999.	15540.	-0.	192.	259300.	15.	-60.	1.9	35.	2.4	1.	.5	10010.	-.7	4940.	13.
445895	-999.	-999.	35290.	-0.	261.	128300.	43.	-58.	6.7	81.	4.2	3.	.7	24350.	2.8	10800.	23.
445896	-999.	-999.	46540.	-0.	507.	71920.	47.	-56.	14.0	65.	4.8	4.	.9	30170.	4.9	10650.	29.
445897	-999.	-999.	6728.	-0.	-57.	321700.	-2.	-60.	-999.0	20.	-.5	1.	1.2	3669.	-.4	2403.	9.
445898	-999.	-999.	43960.	-0.	350.	119000.	48.	-60.	10.7	68.	5.1	4.	1.0	28650.	3.7	13170.	29.
445899	-999.	-999.	43600.	-0.	359.	80830.	32.	-55.	6.7	100.	4.5	4.	.8	31540.	3.2	15720.	24.
445900	-999.	-999.	22930.	-0.	200.	200000.	15.	-56.	4.7	46.	2.1	2.	.5	13550.	1.2	8489.	17.
445921	-999.	-999.	70820.	-0.	459.	2936.	67.	-73.	16.9	94.	7.1	6.	1.3	40470.	7.3	16150.	35.
445922	-999.	-999.	63930.	-0.	440.	-512.	80.	-45.	21.4	107.	5.9	5.	1.4	46200.	6.0	15360.	36.
445923	-999.	-999.	51910.	-0.	476.	-578.	61.	-48.	16.1	80.	5.4	4.	1.1	43260.	5.5	15230.	27.
445924	-999.	-999.	73160.	-0.	608.	-775.	63.	-59.	22.4	98.	6.3	5.	1.3	40750.	5.3	17350.	34.
445925	-999.	-999.	66250.	-0.	780.	-1074.	62.	-74.	18.7	79.	5.7	6.	1.4	32990.	7.0	14470.	31.
445926	-999.	-999.	64210.	-0.	528.	-672.	74.	-57.	23.3	98.	6.5	5.	1.5	39540.	8.1	14290.	39.
445927	-999.	-999.	65250.	-0.	510.	-711.	94.	-53.	24.6	107.	9.4	6.	1.5	46500.	8.2	19170.	41.
445928	-999.	-999.	91190.	-0.	678.	-827.	71.	-67.	25.5	113.	6.9	6.	1.2	47540.	7.1	18970.	36.
445929	-999.	-999.	75070.	-0.	571.	-914.	57.	-62.	19.2	99.	5.6	6.	1.3	37640.	6.1	17850.	31.
445930	-999.	-999.	68340.	-0.	737.	2250.	89.	-62.	25.9	152.	6.8	6.	1.6	49130.	17.3	17200.	41.
445931	-999.	-999.	70880.	-0.	645.	1921.	90.	-59.	22.3	132.	8.4	6.	1.5	46740.	10.7	20290.	39.
445932	-999.	-999.	77500.	-0.	712.	-792.	69.	-68.	20.2	91.	6.9	6.	1.3	42230.	6.7	19140.	35.
445933	-999.	-999.	46990.	-0.	348.	2440.	46.	-50.	11.9	74.	3.7	5.	1.0	26410.	7.6	13360.	24.
445934	-999.	-999.	60230.	-0.	414.	4708.	69.	-56.	19.0	90.	5.2	5.	1.3	42110.	7.8	17110.	32.
445935	-999.	-999.	75960.	-0.	538.	-945.	94.	-75.	23.8	106.	7.6	6.	1.5	50680.	7.5	21380.	43.
445936	-999.	-999.	78040.	-0.	489.	-775.	62.	-75.	19.9	96.	8.8	6.	1.1	45830.	6.2	18880.	33.
445937	-999.	-999.	57450.	-0.	494.	7950.	47.	-64.	12.0	68.	4.6	5.	1.0	30550.	5.5	15100.	25.
445938	-999.	-999.	76840.	-0.	349.	2391.	77.	-80.	23.0	111.	7.9	6.	1.5	50910.	7.5	19840.	38.
445939	-999.	-999.	62140.	-0.	555.	3679.	63.	-61.	19.9	99.	8.3	5.	1.3	49710.	8.6	20440.	38.
445940	-999.	-999.	82800.	-0.	621.	-791.	71.	-79.	20.5	93.	8.7	5.	1.4	44750.	5.6	27580.	38.
445941	-999.	-999.	91670.	-0.	483.	1945.	68.	-98.	24.9	92.	11.4	6.	1.2	45210.	5.1	24070.	34.
445942	-999.	-999.	77660.	-0.	415.	2775.	73.	-78.	24.8	103.	7.5	6.	1.6	52340.	6.4	17940.	38.
445943	-999.	-999.	59670.	-0.	399.	-657.	76.	-52.	17.5	100.	7.1	6.	1.3	42220.	9.5	16240.	36.
445944	-999.	-999.	74740.	-0.	640.	-546.	63.	-64.	19.1	88.	5.8	6.	1.3	45570.	5.7	21230.	32.
445945	-999.	-999.	78840.	-0.	587.	3459.	63.	-74.	12.5	81.	5.8	7.	1.3	35300.	5.8	23940.	32.
445946	-999.	-999.	70570.	-0.	362.	14140.	72.	-79.	15.5	85.	8.8	6.	1.4	37630.	6.1	23060.	34.
445947	-999.	-999.	66380.	-0.	583.	4903.	83.	-64.	24.1	98.	6.1	5.	1.5	50910.	8.8	21870.	38.
445948	-999.	-999.	35510.	-0.	389.	2810.	49.	-43.	13.7	64.	3.6	4.	.8	33260.	4.7	12670.	22.

PHILIP SMITH MTS STREAM SEDIMENTS

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445879	.2	15090.	86.	472.	-22.	1.	3.8	1.8	391.	-1.	-1.	2.5	1020.	54.	1.3	263.	.573
445880	.1	8167.	122.	2043.	53.	-1.	7.3	2.0	265.	-1.	-1.	4.1	2356.	105.	1.5	144.	1.114
445881	.1	13690.	79.	1203.	56.	-1.	5.3	2.3	320.	-1.	-999.	3.2	1861.	71.	1.3	103.	1.067
445882	.3	7629.	147.	3686.	99.	-1.	13.7	5.5	213.	-1.	-1.	7.3	3473.	185.	3.3	208.	1.859
445883	.3	9238.	166.	3867.	101.	-1.	14.7	4.6	-152.	-1.	-1.	8.7	4352.	202.	2.6	215.	2.174
445884	.3	6648.	237.	2617.	55.	-1.	9.8	2.8	-190.	-1.	-1.	6.2	3267.	124.	2.1	223.	1.838
445885	.2	13910.	127.	1371.	61.	-1.	7.9	3.6	302.	-1.	-1.	5.3	1890.	111.	1.4	137.	1.842
445886	.1	6870.	63.	596.	-21.	-1.	4.1	1.7	470.	-1.	-1.	2.6	966.	60.	1.5	104.	.873
445887	.1	6337.	100.	679.	-21.	-1.	4.2	2.0	460.	-1.	-999.	3.1	1166.	56.	1.1	106.	1.092
445888	.2	12840.	180.	2514.	70.	-1.	7.4	2.2	-154.	-1.	-1.	4.9	2503.	103.	2.1	123.	1.449
445889	.1	18030.	57.	495.	-15.	-999.	2.3	1.4	373.	-1.	-999.	1.1	545.	32.	.7	61.	.476
445890	.2	10210.	238.	1220.	55.	-1.	7.4	2.9	404.	-1.	-1.	3.9	1615.	88.	1.7	123.	1.274
445891	.2	18760.	226.	2447.	60.	-1.	8.6	3.2	-155.	-1.	-1.	4.7	2467.	106.	1.8	132.	1.399
445892	.1	17060.	172.	2158.	71.	-1.	6.1	1.8	265.	-1.	-1.	3.7	1893.	84.	1.6	117.	1.171
445893	.1	10670.	73.	1154.	43.	-1.	4.5	2.1	450.	1.	-1.	2.5	1328.	58.	1.1	66.	.814
445894	.1	10320.	73.	940.	-22.	-1.	3.8	1.9	495.	-1.	-1.	2.1	947.	47.	1.2	99.	.792
445895	.2	7703.	337.	1409.	64.	-1.	8.5	3.0	307.	-1.	-1.	5.3	2307.	84.	1.9	132.	1.880
445896	.2	5191.	554.	1280.	81.	2.	10.3	3.6	-213.	-1.	-1.	7.9	3826.	101.	2.3	-62.	2.123
445897	.1	21040.	51.	303.	-14.	-999.	1.6	-1.2	382.	-999.	-999.	1.2	-232.	24.	.4	39.	.519
445898	.2	5245.	439.	1288.	71.	-1.	10.4	4.5	-186.	-1.	-1.	6.8	2752.	106.	2.4	113.	1.873
445899	.3	8703.	247.	1364.	80.	-1.	10.6	3.7	-163.	-1.	-1.	5.6	2317.	100.	2.6	131.	1.938
445900	.1	6089.	139.	835.	-24.	-1.	5.0	1.6	335.	-1.	-1.	2.3	1386.	58.	1.1	88.	.752
445921	.3	6588.	699.	4195.	119.	-1.	15.3	5.7	-211.	-1.	-1.	10.5	5549.	130.	3.7	84.	2.639
445922	.5	2539.	693.	1119.	87.	2.	16.1	6.1	-191.	-1.	-1.	11.6	5277.	149.	3.1	35.	2.950
445923	.3	3691.	856.	999.	67.	1.	13.2	4.6	-210.	-1.	1.	8.9	4597.	98.	2.8	-35.	2.801
445924	.3	5751.	965.	1507.	84.	1.	15.3	5.7	-275.	-1.	-1.	10.6	5787.	151.	3.2	-83.	2.625
445925	.3	2786.	1287.	1340.	66.	2.	12.3	5.1	-289.	-1.	-1.	9.3	5001.	137.	2.8	86.	2.075
445926	.4	2939.	969.	1319.	94.	3.	15.5	6.7	-241.	2.	-1.	11.9	4593.	139.	3.9	-23.	2.747
445927	.4	4188.	868.	1140.	109.	2.	17.3	6.8	-239.	2.	2.	12.8	5476.	142.	4.2	-41.	2.907
445928	.3	7257.	994.	2538.	106.	2.	19.5	4.4	-288.	-1.	-1.	10.5	5356.	174.	3.3	-51.	2.525
445929	.3	4559.	876.	1620.	88.	2.	14.0	5.2	-232.	-1.	-1.	9.3	5490.	170.	2.7	141.	2.273
445930	.5	6708.	828.	2919.	81.	-1.	16.7	7.8	-234.	-1.	-1.	12.1	5274.	136.	4.7	-47.	2.674
445931	.4	6063.	827.	2823.	107.	2.	17.9	6.9	-225.	-1.	1.	12.9	6110.	138.	4.4	-39.	3.030
445932	.4	5597.	915.	3022.	87.	2.	16.2	4.8	-277.	-1.	-1.	10.1	5892.	155.	3.4	-52.	2.525
445933	.2	4804.	504.	1972.	52.	1.	8.5	4.0	-163.	1.	-1.	6.8	4640.	101.	2.4	47.	2.101
445934	.3	6409.	666.	2632.	83.	-1.	14.2	5.6	-209.	-1.	-1.	9.1	4574.	124.	3.6	-66.	2.890
445935	.4	7156.	937.	5325.	113.	2.	18.6	7.4	-251.	-1.	2.	14.4	6620.	139.	3.6	-44.	3.717
445936	.3	8710.	724.	5045.	99.	-1.	15.7	4.9	-255.	-1.	2.	10.4	5052.	148.	3.0	-51.	2.786
445937	.2	5064.	619.	2944.	77.	-1.	10.1	4.2	-189.	-1.	-1.	7.6	4215.	117.	2.4	132.	2.494
445938	.3	10120.	867.	5073.	110.	-1.	17.7	7.0	-270.	-1.	-1.	11.9	5038.	153.	5.4	132.	3.155
445939	.4	7294.	772.	3315.	96.	1.	15.5	6.3	-230.	-1.	2.	11.5	4716.	136.	3.1	195.	3.115
445940	.4	8731.	697.	5720.	112.	-1.	17.1	5.4	-277.	-1.	-1.	10.5	5807.	159.	3.6	-57.	2.778
445941	.3	10720.	1129.	6334.	92.	-1.	16.4	6.0	-283.	-1.	-1.	10.7	5230.	173.	3.0	-57.	2.538
445942	.4	10060.	859.	5574.	165.	-1.	17.5	7.2	-265.	-1.	-1.	10.6	4721.	152.	3.5	119.	2.874
445943	.4	6012.	602.	3266.	73.	1.	14.6	6.5	-183.	-1.	-1.	11.5	5209.	122.	3.7	-33.	3.205
445944	.3	9570.	568.	4071.	71.	2.	15.3	4.3	-234.	-2.	-1.	9.3	4538.	157.	2.6	-49.	2.571
445945	.3	7678.	419.	3929.	85.	-1.	13.2	5.3	-205.	-1.	-1.	8.8	5309.	161.	2.7	-79.	2.347
445946	.3	6202.	558.	3703.	121.	-2.	15.8	7.1	-301.	-2.	-2.	11.4	4419.	142.	3.5	212.	3.344
445947	.4	8352.	855.	3630.	94.	-1.	17.0	6.5	-228.	-1.	-1.	11.6	5350.	132.	3.4	198.	3.125
445948	.2	3919.	587.	734.	70.	1.	7.9	3.0	-214.	-1.	-1.	5.9	3359.	89.	2.0	153.	2.008

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445949	68.2811	148.3533	8.	52.	11.	3.10	-5.	-5.	-5.	17.	-20.	25.	7.	-10.	-15.
445950	68.2806	148.2842	8.	136.	9.	2.88	-5.	-5.	-5.	25.	-20.	23.	6.	-10.	-15.
445951	68.2472	148.2883	8.	630.	31.	3.43	-5.	-5.	-5.	27.	-20.	30.	8.	-10.	-15.
445952	68.2522	148.3028	8.	470.	31.	3.00	-5.	-5.	-5.	38.	-20.	27.	9.	-10.	-15.
445953	68.2625	148.1111	8.	634.	3.	3.81	-5.	-5.	-5.	45.	-20.	41.	6.	-10.	-15.
445954	68.2533	148.1131	8.	646.	3.	3.53	-5.	-5.	-5.	42.	-20.	17.	11.	-10.	-15.
445955	68.2969	148.1103	9.	33.	13.	3.70	-5.	-5.	-5.	28.	-20.	22.	9.	-10.	-15.
445956	68.2761	148.1347	8.	420.	6.	3.60	-5.	-5.	-5.	30.	-20.	29.	10.	-10.	-15.
445957	68.3286	148.0681	8.	445.	13.	3.62	-5.	-5.	-5.	34.	-20.	15.	12.	-10.	-15.
445958	68.3272	148.0503	9.	126.	13.	4.51	-5.	-5.	-5.	45.	-20.	47.	19.	-10.	-15.
445959	68.2983	148.0369	8.	508.	16.	3.66	-5.	-5.	-5.	48.	-20.	20.	[illegible]	-10.	-15.
445960	68.3017	147.9772	8.	257.	16.	3.17	-5.	-5.	-5.	43.	-20.	44.	7.	-10.	-15.
445961	68.2425	147.9822	8.	571.	1.	4.16	-5.	-5.	-5.	56.	-20.	25.	27.	-10.	-15.
445962	68.2356	147.9967	8.	526.	10.	4.04	-5.	-5.	-5.	38.	-20.	40.	14.	-10.	-15.
445963	68.2081	148.0369	8.	258.	25.	3.32	-5.	-5.	-5.	40.	-20.	38.	10.	-10.	-15.
445964	68.2006	148.0519	8.	294.	25.	3.21	-5.	-5.	-5.	25.	-20.	41.	8.	-10.	-15.
445965	68.1994	148.0997	8.	729.	16.	3.89	-5.	-5.	-5.	30.	-20.	28.	17.	-20.	-15.
445966	68.2078	148.1844	8.	752.	16.	3.94	-5.	-5.	-5.	22.	-20.	27.	12.	-10.	-15.
445967	68.1967	148.2811	8.	671.	11.	3.94	-5.	-5.	-5.	46.	-20.	34.	8.	-10.	-15.
445968	68.2075	148.2761	8.	242.	11.	3.73	-5.	-5.	-5.	29.	-20.	34.	12.	-10.	-15.
445969	68.1675	148.4150	8.	774.	13.	3.65	-5.	-5.	-5.	37.	-20.	22.	12.	-10.	-15.
445970	68.1494	148.3736	8.	178.	8.	3.98	-5.	-5.	-5.	39.	-20.	-15.	10.	-10.	-15.
445971	68.0908	148.7797	9.	229.	21.	3.76	-5.	-5.	-5.	46.	-20.	33.	10.	-10.	-15.
445972	68.0722	148.7500	8.	463.	21.	4.12	-5.	5.	-5.	51.	-20.	36.	18.	-10.	-15.
445973	68.0614	148.7158	8.	95.	10.	3.46	-5.	-5.	-5.	43.	-20.	27.	13.	-10.	-15.
445974	68.0689	148.7194	8.	151.	10.	3.73	-5.	-5.	-5.	34.	-20.	30.	10.	-10.	-15.
445975	68.0450	148.6556	8.	517.	8.	3.57	-5.	-5.	-5.	35.	-20.	37.	7.	-10.	-15.
445976	68.0356	148.6392	8.	399.	8.	3.33	-5.	-5.	-5.	41.	-20.	49.	10.	-10.	-15.
445977	68.0250	148.6633	8.	150.	18.	5.03	-5.	-5.	-5.	43.	-20.	56.	22.	-10.	-15.
445978	68.0217	148.6817	8.	244.	18.	3.64	-5.	-5.	-5.	47.	-20.	43.	7.	-10.	-15.
445979	68.0167	148.8092	8.	148.	6.	3.53	-5.	-5.	-5.	28.	-20.	33.	-5.	-10.	-15.
445980	68.0103	148.8336	8.	153.	10.	3.65	-5.	-5.	-5.	41.	-20.	43.	5.	-10.	-15.
445981	68.0397	148.9014	8.	259.	8.	3.73	-5.	-5.	-5.	44.	-20.	46.	10.	-10.	-15.
445982	68.0308	148.8933	8.	181.	15.	3.50	-5.	-5.	-5.	26.	-20.	21.	10.	-10.	-15.
445983	68.0314	148.3717	8.	171.	15.	3.46	-5.	-5.	-5.	37.	-20.	40.	9.	-10.	-15.
445984	68.0458	148.3747	8.	216.	11.	4.16	-5.	-5.	-5.	41.	-20.	35.	-5.	-10.	-15.
445985	68.0533	148.2917	8.	237.	-999.	3.95	-5.	-5.	-5.	49.	-20.	27.	6.	-10.	-15.
445986	68.0156	148.2078	8.	184.	8.	3.78	-5.	7.	-5.	36.	-20.	34.	14.	-10.	-15.
445987	68.0078	148.1047	8.	164.	8.	3.58	-5.	-5.	-5.	43.	-20.	39.	9.	-10.	-15.
445988	68.0433	148.0825	8.	143.	6.	3.74	-5.	-5.	-5.	43.	-20.	30.	8.	-10.	-15.
445989	68.0375	148.0058	8.	161.	6.	3.44	-5.	-5.	-5.	49.	-20.	49.	9.	-10.	-15.
445990	68.0428	147.9925	8.	148.	8.	3.42	-5.	-5.	-5.	31.	-20.	35.	6.	-10.	-15.
445991	68.0564	148.0183	8.	128.	8.	3.38	-5.	-5.	-5.	27.	-20.	40.	-5.	-10.	-15.
445992	68.0586	148.0647	8.	169.	18.	3.26	-5.	-5.	-5.	31.	-20.	21.	6.	-10.	-15.
445993	68.0842	147.9306	8.	172.	18.	3.35	-5.	-5.	-5.	38.	-20.	54.	7.	-10.	-15.
445994	68.0786	147.8936	8.	279.	7.	3.02	-5.	-5.	-5.	31.	-20.	52.	6.	-10.	-15.
445995	68.0503	147.9003	8.	39.	9.	3.95	-5.	-5.	-5.	77.	-20.	41.	16.	-10.	-15.
445996	68.0447	147.8792	8.	84.	7.	3.38	-5.	-5.	-5.	30.	-20.	28.	13.	-10.	-15.
445997	68.0731	147.7992	8.	312.	7.	2.97	-5.	-5.	-5.	31.	-20.	15.	7.	-10.	-15.
445998	68.0692	147.7292	8.	223.	15.	2.60	-5.	-5.	-5.	33.	-20.	31.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445949	-999.	-999.	54880.	-0.	422.	4855.	47.	-57.	13.2	69.	4.5	5.	1.0	31600.	6.2	13040.	25.
445950	-999.	-999.	47210.	-0.	255.	2257.	61.	-44.	14.6	75.	5.2	4.	1.1	34490.	5.4	11610.	28.
445951	-999.	-999.	66220.	-0.	575.	6970.	77.	-64.	15.7	98.	8.1	6.	1.4	42910.	7.3	17470.	36.
445952	-999.	-999.	60130.	-0.	471.	17630.	64.	-63.	15.9	84.	5.7	4.	1.1	35570.	5.3	16070.	30.
445953	-999.	-999.	63660.	-0.	434.	9691.	56.	-67.	17.0	75.	5.4	6.	1.1	33570.	6.9	16230.	29.
445954	-999.	-999.	60460.	-0.	379.	10060.	67.	-57.	18.9	86.	6.3	4.	1.2	39970.	8.6	16560.	35.
445955	-999.	-999.	91010.	-0.	755.	10800.	81.	-85.	16.8	135.	24.4	8.	2.2	46260.	5.0	24860.	36.
445956	-999.	-999.	58880.	-0.	466.	-721.	59.	-64.	19.5	98.	7.1	6.	1.2	38730.	6.8	20240.	32.
445957	-999.	-999.	65900.	-0.	496.	2497.	58.	-70.	15.2	85.	3.9	6.	1.4	33830.	6.4	18880.	30.
445958	-999.	-999.	71650.	-0.	521.	-769.	75.	-64.	23.7	112.	7.2	6.	1.4	42920.	8.4	18620.	41.
445959	-999.	-999.	56790.	-0.	494.	-576.	80.	-49.	16.1	101.	6.7	5.	1.2	40610.	8.6	15290.	35.
445960	-999.	-999.	52190.	-0.	411.	-607.	61.	-52.	16.1	83.	3.7	4.	1.2	35320.	6.6	13260.	27.
445961	-999.	-999.	87740.	-0.	630.	-1234.	67.	-103.	20.0	88.	9.7	6.	1.4	40410.	5.6	19320.	34.
445962	-999.	-999.	79410.	-0.	439.	-964.	89.	-88.	28.6	109.	9.6	6.	1.5	50690.	6.3	20090.	43.
445963	-999.	-999.	68830.	-0.	492.	3213.	88.	-71.	20.6	124.	7.2	6.	1.3	47470.	7.4	20600.	38.
445964	-999.	-999.	59550.	-0.	428.	11620.	56.	-62.	16.1	72.	7.3	5.	1.2	35960.	7.0	17450.	30.
445965	-999.	-999.	78400.	-0.	621.	2385.	61.	-80.	14.2	74.	8.1	7.	1.2	35600.	6.5	21020.	31.
445966	-999.	-999.	60720.	-0.	368.	-724.	78.	-65.	20.5	98.	6.3	6.	1.3	41520.	10.9	17550.	35.
445967	-999.	-999.	76750.	-0.	510.	2705.	87.	-65.	19.1	104.	10.2	6.	1.4	46350.	10.1	18520.	40.
445968	-999.	-999.	64210.	-0.	372.	-679.	53.	-61.	15.7	88.	6.4	6.	1.1	35830.	7.6	17040.	32.
445969	-999.	-999.	65300.	-0.	512.	-853.	55.	-69.	13.0	81.	6.5	6.	1.0	31880.	6.5	18640.	28.
445970	-999.	-999.	52130.	-0.	274.	-670.	70.	-56.	18.7	99.	6.2	5.	1.2	38600.	13.3	15840.	34.
445971	-999.	-999.	67330.	-0.	493.	2005.	89.	-60.	19.7	101.	7.8	6.	1.5	43480.	8.3	17980.	39.
445972	-999.	-999.	79420.	-0.	748.	-783.	78.	-75.	20.8	92.	6.7	7.	1.6	44890.	6.1	23010.	34.
445973	-999.	-999.	70190.	-0.	494.	-722.	56.	-66.	13.6	75.	5.2	6.	1.1	32700.	5.6	16310.	28.
445974	-999.	-999.	64670.	-0.	351.	2473.	82.	-64.	21.1	104.	6.8	5.	1.3	45070.	9.7	18070.	38.
445975	-999.	-999.	70630.	-0.	525.	3492.	92.	-61.	17.9	107.	6.7	6.	1.5	46890.	8.6	18910.	39.
445976	-999.	-999.	63860.	-0.	569.	5272.	60.	-65.	16.3	89.	4.5	5.	1.3	38650.	6.2	15350.	34.
445977	-999.	-999.	71400.	-0.	617.	5497.	80.	-82.	17.7	122.	5.2	8.	2.0	40180.	19.7	21280.	40.
445978	-999.	-999.	83360.	-0.	345.	-765.	81.	-77.	21.9	99.	8.4	5.	1.9	51710.	7.4	21640.	40.
445979	-999.	-999.	64540.	-0.	479.	2972.	90.	-61.	17.7	111.	5.7	6.	1.5	44920.	8.6	17410.	36.
445980	-999.	-999.	81520.	-0.	571.	-876.	68.	-79.	16.5	98.	7.1	6.	1.4	42800.	5.5	21940.	36.
445981	-999.	-999.	86730.	-0.	561.	3168.	64.	-90.	15.0	87.	7.6	6.	1.4	40700.	5.7	22480.	33.
445982	-999.	-999.	84250.	-0.	494.	3906.	97.	-79.	19.1	106.	6.0	6.	1.6	50480.	7.0	22220.	48.
445983	-999.	-999.	82200.	-0.	561.	4502.	104.	-84.	18.5	115.	6.1	6.	1.7	55050.	7.4	19400	43.
445984	-999.	-999.	75900.	-0.	550.	2213.	74.	-77.	18.6	95.	6.8	7.	1.5	41640.	8.2	23030.	43.
445985	-999.	-999.	82180.	-0.	588.	-859.	77.	-81.	14.2	83.	7.0	7.	1.5	37080.	7.9	25600.	39.
445986	-999.	-999.	84480.	-0.	421.	-759.	87.	-78.	20.0	113.	7.7	6.	1.8	51170.	7.2	21670.	45.
445987	-999.	-999.	78080.	-0.	747.	2340.	97.	-71.	18.4	115.	7.6	6.	1.7	51650.	7.9	22040.	41.
445988	-999.	-999.	76940.	-0.	465.	-746.	80.	-73.	20.0	87.	6.8	7.	1.3	41590.	5.9	20190.	36.
445989	-999.	-999.	91150.	-0.	736.	2528.	62.	-84.	14.4	91.	6.3	6.	1.5	40110.	7.0	25780.	33.
445990	-999.	-999.	84300.	-0.	577.	-814.	85.	-75.	20.1	113.	6.2	5.	1.6	51230.	7.3	21120.	41.
445991	-999.	-999.	82400.	-0.	612.	2845.	82.	-72.	16.7	115.	6.0	7.	1.5	51910.	6.3	17040.	36.
445992	-999.	-999.	83850.	-0.	777.	2284.	59.	-66.	17.3	104.	4.8	6.	1.4	45430.	5.1	19580.	31.
445993	-999.	-999.	89450.	-0.	865.	-860.	59.	-81.	15.4	89.	5.7	7.	1.4	41140.	4.8	20880.	31.
445994	-999.	-999.	89980.	-0.	486.	4768.	75.	-64.	20.3	106.	4.0	6.	1.4	52830.	6.0	16190.	33.
445995	-999.	-999.	74900.	-0.	667.	6469.	67.	-107.	7.2	110.	7.9	5.	1.5	40030.	5.1	20430.	35.
445996	-999.	-999.	57500.	-0.	738.	9671.	56.	-86.	13.3	60.	10.2	6.	1.3	32170.	4.6	14180.	33.
445997	-999.	-999.	55740.	-0.	677.	6728.	49.	-73.	7.2	56.	4.8	6.	1.1	25640.	6.7	14760.	27.
445998	-999.	-999.	57710.	-0.	477.	8245.	67.	-70.	13.6	69.	7.6	4.	1.3	37460.	4.7	14390.	32.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445949	.3	4459.	653.	2781.	69.	1.	10.0	4.3	-196.	-1.	-1.	7.2	4822.	111.	2.2	91.	2.320
445950	.2	3482.	541.	1640.	47.	-1.	10.7	5.4	-189.	-1.	-1.	9.2	3797.	103.	2.5	-50.	3.195
445951	.4	6362.	619.	3382.	90.	-1.	15.7	6.0	-225.	-1.	2.	12.3	5948.	141.	3.8	-44.	3.584
445952	.3	6267.	570.	3615.	66.	-1.	12.6	4.1	-227.	-1.	1.	9.1	5355.	111.	3.2	-43.	3.030
445953	.2	6381.	787.	2910.	72.	-1.	11.6	4.5	-220.	-1.	-1.	8.6	5276.	130.	2.3	84.	2.257
445954	.3	6090.	584.	2849.	113.	1.	14.3	5.1	-205.	-1.	-1.	10.2	4715.	121.	3.1	-44.	2.890
445955	.5	8357.	782.	3534.	166.	-999.	23.7	8.8	-328.	-1.	-1.	13.1	4258.	177.	4.2	-60.	3.546
445956	.3	5459.	750.	3024.	62.	2.	13.2	3.9	-264.	-1.	-1.	9.3	5263.	132.	2.6	134.	2.584
445957	.2	4999.	721.	3618.	71.	-1.	12.4	5.4	-223.	-1.	-1.	8.6	5843.	126.	2.6	98.	2.375
445958	.4	3349.	990.	2105.	104.	2.	17.9	7.4	-264.	-1.	-1.	10.6	5400.	156.	3.6	-24.	2.353
445959	.3	4122.	632.	1725.	67.	1.	13.8	6.2	-200.	-1.	-1.	10.3	5035.	127.	3.5	225.	2.817
445960	.3	3868.	692.	2099.	76.	-1.	10.8	4.2	-227.	-1.	-1.	8.7	4779.	106.	2.5	130.	2.747
445961	.3	8705.	1177.	6316.	92.	-1.	16.4	5.8	-303.	-1.	-1.	11.9	5783.	156.	3.3	115.	2.857
445962	.5	9402.	1091.	5575.	142.	-2.	19.6	7.2	-313.	-1.	-1.	15.2	4804.	147.	4.5	204.	3.759
445963	.4	7004.	854.	4523.	88.	1.	17.2	6.4	-247.	-1.	2.	11.4	5988.	133.	3.5	40.	3.436
445964	.3	7117.	674.	3289.	70.	-1.	12.3	4.1	-230.	-1.	-1.	9.6	5173.	120.	3.2	91.	2.994
445965	.3	7355.	803.	4061.	104.	1.	13.2	5.4	-243.	-1.	-1.	9.8	5802.	158.	3.1	83.	2.519
445966	.4	4788.	806.	2740.	95.	-1.	14.2	7.0	-244.	-1.	-1.	11.2	5248.	122.	2.9	107.	2.841
445967	.4	6841.	748.	4433.	143.	1.	17.3	6.9	-226.	-1.	2.	13.7	5519.	146.	3.8	-42.	3.472
445968	.3	6636.	713.	3228.	99.	-1.	13.0	3.7	-241.	-1.	-1.	10.7	5092.	130.	3.1	116.	2.865
445969	.3	6698.	646.	3381.	66.	1.	11.3	4.8	-212.	-1.	-1.	8.6	4808.	134.	2.7	41.	2.358
445970	.4	3510.	803.	1949.	78.	2.	12.7	5.6	-232.	-1.	-1.	9.4	3936.	116.	3.0	-41.	2.364
445971	.4	6041.	763.	3113.	92.	-1.	16.0	6.9	-224.	-1.	2.	11.9	5972.	148.	3.6	-39.	3.165
445972	.3	7548.	798.	3852.	122.	-1.	15.9	5.2	-295.	-1.	-1.	12.5	5838.	163.	4.3	-30.	3.030
445973	.3	8515.	601.	3742.	89.	-1.	11.8	4.8	-199.	-1.	-1.	8.3	5076.	148.	3.1	144.	2.398
445974	.4	7674.	662.	3694.	108.	-1.	15.4	7.3	-224.	-1.	-1.	11.2	5295.	140.	4.2	122.	3.003
445975	.4	7661.	610.	4336.	95.	-1.	17.1	7.1	-209.	-1.	2.	12.6	5826.	140.	3.8	-43.	3.534
445976	.3	9327.	662.	4326.	-37.	1.	13.2	4.7	-243.	-1.	-1.	8.8	4754.	133.	3.0	-78.	2.646
445977	.4	8778.	722.	4848.	89.	1.	12.8	8.9	-244.	-2.	-1.	10.6	6594.	152.	3.9	50.	2.105
445978	.4	8417.	639.	6478.	127.	-1.	18.2	7.4	-238.	-1.	-1.	12.9	5741.	160.	3.8	70.	3.546
445979	.4	5892.	622.	4186.	84.	-1.	15.6	6.5	-208.	-1.	1.	11.0	5522.	131.	3.8	-41.	3.115
445980	.3	8934.	478.	6603.	112.	2.	16.3	5.3	-246.	-1.	-1.	11.2	5839.	165.	4.2	-20.	3.067
445981	.3	9694.	649.	6389.	106.	-1.	15.0	5.8	-236.	-1.	-1.	9.6	5438.	172.	3.6	107.	2.571
445982	.5	9304.	560.	7249.	117.	2.	19.1	8.5	-231.	-1.	-1.	12.5	4763.	161.	3.7	105.	3.571
445983	.5	9051.	683.	6793.	130.	-1.	20.1	8.0	-263.	-1.	2.	11.2	5890.	163.	4.2	-58.	3.236
445984	.4	9040.	596.	5473.	80.	1.	15.1	5.8	-262.	-1.	-1.	12.0	6092.	146.	3.8	148.	2.882
445985	.3	9354.	540.	5615.	104.	-1.	13.8	6.8	-211.	-1.	-1.	10.5	5888.	165.	3.1	91.	2.660
445986	.4	8799.	594.	6497.	121.	-1.	17.7	8.6	-234.	-1.	-1.	14.4	5461.	162.	3.8	-52.	3.802
445987	.4	9389.	586.	6328.	118.	-1.	18.5	7.8	-2[illegible]5.	-1.	-1.	14.2	6015.	157.	3.7	-45.	3.968
445988	.4	8621.	562.	5299.	104.	-1.	14.9	5.2	-249.	-1.	-1.	11.2	5287.	146.	3.6	130.	2.994
445989	.3	8554.	557.	6415.	104.	-1.	14.8	5.7	-210.	-1.	-1.	10.1	4862.	169.	3.1	115.	2.933
445990	.4	7864.	546.	4955.	114.	-2.	19.1	6.7	-239.	-1.	-1.	12.0	5183.	176.	3.0	-55.	3.509
445991	.4	6426.	550.	4787.	136.	-1.	18.9	6.5	-239.	-1.	-1.	11.1	5117.	164.	4.0	-117.	3.279
445992	.3	7687.	369.	4868.	81.	-1.	17.0	4.7	-212.	-1.	-1.	9.1	5200.	178.	2.8	-52.	2.793
445993	.3	7386.	469.	5279.	125.	-1.	15.2	5.3	-212.	-1.	-1.	8.6	4858.	175.	2.5	123.	2.564
445994	.3	5549.	396.	4307.	81.	-1.	19.7	5.3	-199.	-1.	-1.	8.8	4643.	179.	3.5	-39.	2.915
445995	.4	7137.	557.	4552.	168.	-2.	19.0	5.9	-361.	-2.	-1.	11.9	4815.	169.	5.2	-79.	3.012
445996	.3	5511.	836.	4246.	-45.	9.	12.3	4.4	-329.	[illegible]	-1.	9.4	4295.	116.	3.1	138.	2.778
445997	.3	5341.	634.	4097.	77.	7.	9.0	4.7	-215.	[illegible]	-1.	7.1	3871.	105.	2.4	52.	2.392
445998	.2	6394.	709.	4301.	93.	8.	12.7	5.1	-248.	-1.	-1.	9.3	3143.	114.	3.2	-47.	3.571

PHILIP SMITH MTS STREAM SEDIMENTS

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445999	68.0139	147.8428	8.	231.	11.	4.33	-5.	-5.	-5.	31.	-20.	27.	5.	-10.	-15.
446000	68.0331	147.7436	8.	128.	-999.	2.33	-5.	-5.	-5.	43.	-20.	-15.	-5.	-10.	-15.
446002	68.5086	147.4022	8.	135.	-999.	3.86	-5.	8.	-5.	47.	-20.	59.	28.	-10.	21.
446003	68.5589	147.3425	8.	100.	6.	3.31	-5.	-5.	-5.	21.	-20.	28.	-5.	-10.	-15.
446004	68.5575	147.3286	-999.	-999.	6.	3.58	-5.	-5.	-5.	13.	-20.	32.	-5.	-10.	-15.
446005	68.5172	147.2836	8.	229.	5.	3.22	-5.	-5.	-5.	17.	-20.	38.	-5.	-10.	-15.
446006	68.5164	147.3017	8.	140.	5.	3.23	-5.	-5.	-5.	20.	-20.	28.	-5.	-10.	-15.
446007	68.4772	147.2744	8.	262.	3.	3.00	-5.	-5.	-5.	32.	-20.	59.	13.	-10.	-15.
446008	68.4689	147.2597	-999.	-999.	-999.	2.82	-5.	6.	-5.	19.	-20.	48.	7.	-10.	-15.
446009	68.4903	147.2319	8.	240.	7.	2.72	-5.	-5.	-5.	23.	-20.	43.	-5.	-10.	18.
446010	68.5042	147.2147	8.	682.	1.	3.19	-5.	-5.	-5.	29.	-20.	69.	17.	-10.	-15.
446011	68.5319	147.2114	8.	309.	4.	7.23	-5.	-5.	-5.	37.	-20.	125.	7.	-10.	-15.
446012	68.5450	147.2197	-999.	-999.	-999.	6.34	-5.	-5.	-5.	49.	-20.	154.	16.	-10.	25.
446013	68.5125	147.1842	8.	451.	9.	3.05	-5.	-5.	-5.	27.	-20.	56.	9.	-10.	-15.
446014	68.5019	147.1731	8.	181.	6.	3.94	-5.	-5.	-5.	26.	-20.	77.	13.	-10.	19.
446015	68.5142	147.0858	8.	165.	6.	2.53	-5.	6.	-5.	31.	-20.	60.	11.	-10.	-15.
446016	68.5369	147.1019	8.	174.	6.	3.69	-5.	-5.	-5.	24.	-20.	58.	13.	-10.	-15.
446017	68.5308	147.1308	-999.	-999.	10.	3.99	-5.	-5.	-5.	25.	-20.	67.	13.	-10.	-15.
446018	68.5308	147.0925	8.	193.	10.	3.46	-5.	-5.	-5.	18.	-20.	40.	8.	-10.	-15.
446019	68.4794	147.3178	8.	173.	3.	2.93	-5.	-5.	-5.	18.	-20.	31.	-5.	-10.	15.
446020	68.4817	147.3347	8.	184.	3.	3.64	-5.	6.	-5.	52.	-20.	62.	19.	-10.	25.
446021	68.4344	147.2500	8.	266.	14.	4.08	-5.	7.	-5.	45.	-20.	69.	28.	-10.	-15.
446022	68.4289	147.2769	8.	755.	14.	4.21	-5.	5.	-5.	80.	-20.	91.	27.	-10.	20.
446023	68.4567	147.2961	8.	142.	9.	5.09	-5.	7.	-5.	44.	-20.	213.	13.	-10.	45.
446024	68.3936	147.2761	8.	224.	14.	3.55	-5.	8.	-5.	53.	-20.	32.	16.	-10.	-15.
446025	68.3917	147.2956	8.	122.	14.	3.81	-5.	6.	-5.	49.	-20.	43.	20.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445999	-999.	-999.	57400.	-0.	430.	16910.	87.	-57.	15.3	151.	5.4	6.	1.4	44140.	30.8	14710.	37.
446000	-999.	-999.	22590.	-0.	-240.	28180.	19.	-107.	8.2	27.	-2.4	2.	.4	31660.	-1.6	-4366.	15.
446002	-999.	-999.	76900.	-0.	373.	9911.	76.	-63.	17.7	115.	9.8	6.	1.6	40120.	6.1	19090.	39.
446003	-999.	-999.	17580.	-0.	312.	225500.	20.	-54.	1.3	43.	1.8	2.	.5	10650.	1.5	7303.	15.
446004	-999.	-999.	14480.	-0.	-91.	183800.	13.	-55.	2.5	36.	1.3	2.	.4	7868.	1.1	5365.	15.
446005	-999.	-999.	41820.	-0.	622.	126600.	28.	-62.	5.6	53.	2.8	4.	.8	17380.	2.7	13870.	20.
446006	-999.	-999.	19980.	-0.	184.	225200.	19.	-62.	3.8	48.	2.0	2.	.4	10620.	1.6	6855.	16.
446007	-999.	-999.	59310.	-0.	501.	84560.	57.	-62.	11.9	102.	5.4	4.	1.0	37460.	3.4	16470.	30.
446008	-999.	-999.	42740.	-0.	362.	110500.	33.	-59.	9.3	80.	3.6	3.	.6	25360.	2.1	13020.	22.
446009	-999.	-999.	28650.	-0.	258.	199900.	16.	-71.	2.3	55.	2.7	3.	.4	10840.	-.6	6543.	15.
446010	-999.	-999.	68300.	-0.	379.	45160.	63.	-58.	15.9	128.	5.7	4.	1.1	45000.	3.1	19250.	34.
446011	-999.	-999.	46610.	-0.	575.	33970.	34.	125.	-.1	219.	6.6	5.	1.1	25830.	-1.3	16090.	40.
446012	-999.	-999.	50320.	-0.	510.	46470.	40.	-61.	6.8	206.	6.5	6.	1.1	25440.	1.7	15500.	40.
446013	-999.	-999.	46000.	-0.	491.	131100.	28.	-67.	6.1	71.	3.0	4.	.7	21930.	1.7	12070.	19.
446014	-999.	-999.	54380.	-0.	302.	24280.	35.	93.	8.0	152.	6.4	5.	1.2	29090.	-1.4	14360.	35.
446015	-999.	-999.	35340.	-0.	254.	89710.	27.	-49.	3.6	90.	3.5	3.	.6	20690.	1.2	10850.	24.
446016	-999.	-999.	36960.	-0.	263.	116900.	22.	-57.	8.0	74.	3.3	3.	.7	20290.	1.1	11730.	23.
446017	-999.	-999.	37560.	-0.	284.	157100.	24.	-67.	4.0	64.	3.2	4.	.6	17100.	1.3	11950.	20.
446018	-999.	-999.	38010.	-0.	223.	159600.	34.	-58.	7.0	83.	2.9	3.	.8	21510.	2.1	11600.	23.
446019	-999.	-999.	29150.	-0.	417.	184900.	30.	-55.	4.4	55.	2.7	3.	.6	18720.	2.0	8522.	18.
446020	-999.	-999.	71400.	-0.	658.	22480.	55.	-61.	17.7	107.	6.9	5.	1.1	38380.	4.8	18350.	33.
446021	-999.	-999.	75970.	-0.	580.	39250.	63.	-66.	15.9	82.	5.2	7.	1.2	31190.	6.4	16340.	33.
446022	-999.	-999.	106100.	-0.	567.	-922.	96.	-77.	29.6	144.	10.3	6.	1.6	57930.	7.2	22520.	47.
446023	-999.	-999.	28030.	-0.	215.	81240.	19.	-72.	3.8	109.	3.8	4.	.7	20690.	-1.0	7864.	27.
446024	-999.	-999.	54850.	-0.	456.	4263.	56.	-51.	17.3	78.	7.4	4.	1.1	33120.	6.4	19050.	27.
446025	-999.	-999.	56310.	-0.	469.	2913.	57.	-68.	15.7	75.	5.4	5.	1.2	30500.	6.8	17430.	31.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445999	.5	6356.	606.	3845.	82.	1.	14.5	6.8	-191.	-1.	1.	11.8	4650.	112.	4.6	-37.	2.725
446000	-.1	4615.	482.	3849.	-57.	-2.	4.4	1.4	-365.	-3.	-1.	3.2	1669.	38.	-1.7	249.	1.374
446002	.4	5854.	590.	2105.	136.	-2.	17.2	7.0	-282.	-2.	-2.	10.9	4751.	176.	3.6	-127.	2.825
446003	.2	15700.	99.	925.	31.	-1.	4.5	2.5	270.	-1.	-999.	2.5	1046.	47.	1.5	72.	.755
446004	.1	7019.	103.	736.	-23.	-1.	3.5	1.4	275.	-1.	-1.	1.6	1022.	43.	.8	71.	.447
446005	.2	8827.	255.	1988.	39.	-1.	7.0	3.2	-139.	-1.	-1.	4.2	2369.	96.	1.8	83.	1.304
446006	.1	11570.	141.	977.	-26.	-1.	5.0	2.2	233.	-1.	-1.	3.2	1016.	55.	1.6	108.	.991
446007	.3	6203.	380.	2136.	80.	-1.	13.5	4.6	-188.	-1.	-1.	8.3	3478.	131.	2.8	122.	2.770
446008	.2	6142.	293.	1675.	62.	-1.	8.9	2.9	216.	-1.	-1.	5.0	2318.	114.	2.1	-63.	1.773
446009	.1	5447.	140.	1107.	-23.	-1.	5.1	2.0	199.	-1.	-999.	2.8	1587.	76.	1.2	97.	1.030
446010	.3	5471.	420.	2350.	125.	-1.	14.9	5.2	-191.	-1.	-1.	9.0	3561.	160.	3.2	108.	2.825
446011	.3	5159.	129.	1599.	112.	-2.	11.5	5.1	-186.	-2.	1.	5.6	2337.	162.	3.6	282.	.775
446012	.3	5813.	146.	1820.	78.	-1.	11.3	4.1	-186.	-1.	-1.	6.2	2532.	173.	2.7	130.	.978
446013	.2	7987.	232.	1843.	54.	-1.	7.7	3.0	277.	-1.	1.	4.3	2143.	111.	2.0	86.	1.410
446014	.3	6186.	238.	2110.	70.	-2.	12.8	5.0	-211.	-1.	-1.	6.3	2114.	150.	4.4	239.	1.600
446015	.2	4641.	141.	1568.	53.	-1.	7.7	2.7	242.	-1.	-1.	4.3	1635.	92.	1.6	149.	1.701
446016	.2	6479.	167.	1695.	65.	-1.	7.5	2.4	246.	-1.	-1.	4.5	1907.	100.	1.5	177.	1.220
446017	.2	7041.	166.	1899.	40.	-1.	6.6	3.0	350.	-1.	-1.	3.8	1849.	105.	1.6	83.	.952
446018	.2	5575.	153.	1851.	100.	-1.	8.3	3.9	217.	-1.	-1.	5.1	1538.	93.	1.8	102.	1.475
446019	.2	10670.	235.	1224.	37.	-1.	7.0	2.6	232.	-1.	-1.	4.3	1840.	69.	1.7	130.	1.468
446020	.3	5367.	688.	2044.	126.	2.	14.4	4.8	-254.	-1.	1.	9.7	5113.	153.	3.4	-101.	2.667
446021	.3	7498.	651.	2244.	101.	1.	13.6	5.2	-205.	-1.	-1.	9.2	5117.	156.	2.9	74.	2.257
446022	.5	8666.	1135.	3260.	138.	-2.	25.1	8.6	-299.	-1.	-1.	12.6	5447.	213.	4.5	-52.	2.994
446023	.3	13560.	430.	1291.	-37.	1.	8.6	3.5	-247.	-1.	-1.	3.5	1008.	160.	2.4	748.	.688
446024	.3	6885.	660.	1871.	99.	-1.	11.5	4.8	-221.	-1.	-1.	9.1	4159.	111.	2.9	-42.	2.564
446025	.3	4078.	923.	2119.	63.	2.	10.4	4.8	-239.	-1.	-1.	8.8	4623.	126.	2.[illegible]	101.	2.309

Appendix B. Lake Sediment Data

Appendix B. Lake Sediment Data

PHILIP SMITH MTS LAKE SEDIMENTS

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445108	68.5767	149.0097	8.	212.	4.	2.94	-5.	-5.	-5.	27.	-20.	28.	-5.	-10.	-15.
445287	68.8064	148.2206	8.	230.	-999.	3.30	-5.	6.	-5.	28.	-20.	41.	8.	-10.	-15.
445288	68.7978	148.1533	8.	122.	-999.	2.69	-5.	-5.	-5.	24.	-20.	37.	8.	-10.	-15.
445289	68.8181	148.1703	8.	170.	-999.	4.07	-5.	-5.	-5.	31.	-20.	44.	10.	-10.	-15.
445290	68.8356	148.2356	9.	83.	-999.	2.32	-5.	8.	-5.	46.	-20.	23.	-5.	-10.	-15.
445291	68.8464	148.2972	9.	119.	-999.	1.64	-5.	-5.	-5.	16.	-20.	25.	7.	-10.	-15.
445292	68.8817	148.2453	9.	71.	-999.	3.84	-5.	7.	-5.	41.	-20.	44.	26.	-10.	15.
445293	68.9031	148.2306	9.	120.	-999.	5.71	-5.	-5.	-5.	30.	-20.	22.	7.	-10.	-15.
445296	68.9808	147.9903	9.	121.	-999.	2.46	-5.	5.	-5.	22.	-20.	32.	10.	-10.	-15.
445297	68.9797	148.0539	9.	161.	-999.	4.31	-5.	-5.	-5.	38.	-20.	43.	5.	-10.	28.
445298	68.9750	148.0972	9.	196.	-999.	1.12	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445299	68.9781	148.1272	9.	162.	-999.	2.01	-5.	-5.	-5.	40.	-20.	-15.	7.	-10.	-15.
445300	68.9831	148.2239	9.	159.	-999.	3.60	-5.	-5.	-5.	44.	-20.	47.	11.	-10.	18.
445306	68.6883	148.0292	8.	120.	6.	2.97	-5.	5.	-5.	17.	-20.	48.	-5.	-10.	-15.
445332	68.9900	148.2425	9.	102.	-999.	3.81	-5.	-5.	-5.	29.	-20.	34.	6.	-10.	-15.
445333	68.9992	148.2475	9.	114.	-999.	2.66	-5.	-5.	-5.	23.	-20.	33.	-5.	-10.	-15.
445336	68.9367	148.2125	8.	268.	-999.	3.40	-5.	-5.	-5.	31.	-20.	42.	6.	-10.	-15.
445340	68.9108	148.4100	9.	92.	-999.	2.84	-5.	-5.	-5.	31.	-20.	38.	9.	-10.	-15.
445342	68.9711	148.3456	9.	44.	-999.	3.22	-5.	-5.	-5.	35.	-20.	40.	5.	-10.	-15.
445344	68.6764	148.5403	9.	122.	-999.	2.19	-5.	-5.	-5.	14.	-20.	-15.	-5.	-10.	-15.
445345	68.6642	148.5636	9.	110.	-999.	4.39	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445346	68.7369	148.6600	9.	157.	-999.	2.98	-5.	-5.	-5.	29.	-20.	31.	6.	-10.	-15.
[illegible]347	68.7306	148.6478	9.	160.	-999.	4.55	-5.	-5.	-5.	29.	-20.	-15.	8.	-10.	-15.
[illegible]	68.7656	148.7139	9.	93.	-999.	1.44	-5.	-5.	-5.	13.	-20.	-15.	5.	-10.	-15.
[illegible]47	68.7572	148.7158	9.	155.	-999.	2.16	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445350	68.7664	148.7950	9.	105.	-999.	1.61	-5.	-5.	-5.	12.	-20.	-15.	-5.	-10.	-15.
445351	68.7575	148.7914	9.	133.	-999.	3.21	-5.	-5.	-5.	30.	-20.	38.	5.	-10.	-15.
445352	68.7428	148.8606	9.	29.	-999.	4.42	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445353	68.7367	148.8889	9.	66.	-999.	2.11	-5.	-5.	-5.	23.	-20.	33.	5.	-10.	-15.
445354	68.7328	148.9269	10.	55.	-999.	2.95	-5.	-5.	-5.	35.	-20.	-15.	-5.	-10.	-15.
445356	68.6953	148.9861	9.	60.	-999.	2.09	-5.	-5.	-5.	31.	-20.	33.	5.	-10.	-15.
445357	68.6892	148.9886	9.	46.	-999.	2.55	-5.	-5.	-5.	24.	-20.	-15.	-5.	-10.	-15.
445358	68.6853	149.0844	9.	78.	-999.	3.35	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445359	68.6794	149.0775	8.	53.	-999.	2.71	-5.	-5.	-5.	33.	-20.	31.	6.	-10.	-15.
445361	68.6375	149.1458	8.	37.	-999.	2.63	-5.	-5.	-5.	52.	-20.	48.	-5.	-10.	-15.
445362	68.6367	149.2100	8.	19.	-999.	3.05	-5.	-5.	-5.	34.	-20.	42.	6.	-10.	-15.
445363	68.6319	149.2314	8.	11.	-999.	3.04	-5.	-5.	-5.	45.	-20.	43.	-5.	-10.	-15.
445364	68.6389	149.3878	6.	175.	-999.	1.94	-5.	-5.	-5.	23.	-20.	24.	-5.	-10.	-15.
445365	68.6422	149.3150	7.	16.	-999.	2.15	-5.	-5.	-5.	22.	-20.	32.	-5.	-10.	-15.
445368	68.6017	149.4422	-999.	-999.	-999.	2.39	-5.	-5.	-5.	10.	-20.	16.	5.	-10.	-15.
445369	68.5733	149.4369	-999.	-999.	-999.	2.69	-5.	-5.	-5.	44.	-20.	67.	8.	-10.	-15.
445370	68.5878	149.5883	-999.	-999.	-999.	2.94	-5.	-5.	-5.	34.	-20.	54.	9.	-10.	-15.
445371	68.5811	149.6228	-999.	-999.	-999.	3.21	-5.	-5.	-5.	31.	-20.	47.	13.	-10.	-15.
445372	68.5164	149.7769	-999.	-999.	-999.	2.74	-5.	-5.	-5.	26.	-20.	33.	8.	-10.	-15.
445373	68.5192	149.8025	-999.	-999.	-999.	1.74	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
445374	68.5339	149.8339	-999.	-999.	-999.	2.62	-5.	-5.	-5.	32.	-20.	18.	7.	-10.	-15.
445375	68.5406	149.8503	-999.	-999.	-999.	2.83	-5.	-5.	-5.	26.	-20.	20.	6.	-10.	-15.
445377	68.5958	149.8033	-999.	-999.	-999.	2.10	-5.	-5.	-5.	44.	-20.	24.	5.	-10.	-15.
445378	68.5883	149.7008	-999.	-999.	-999.	2.42	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445379	68.5806	149.6525	-999.	-999.	-999.	1.71	-5.	-5.	-5.	19.	-20.	-15.	6.	-10.	-15.

PHILIP SMITH MTS LAKE SEDIMENTS

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445108	-999.	-999.	37330.	-0.	399.	14550.	34.	477.	6.6	57.	2.8	4.	.9	26900.	2.4	8317.	27.
445287	-999.	-999.	32080.	-0.	479.	154100.	34.	-86.	1.5	52.	3.9	4.	.8	11600.	1.9	8065.	22.
445288	-999.	-999.	32490.	-0.	276.	97150.	25.	305.	2.7	72.	3.2	3.	.7	13270.	2.5	10070.	24.
445289	-999.	-999.	63930.	-0.	868.	10020.	66.	-62.	5.8	109.	6.3	5.	1.3	38710.	4.4	19400.	37.
445290	-999.	-999.	26710.	-0.	432.	171200.	23.	-81.	5.9	47.	3.5	2.	.6	15830.	2.3	7594.	24.
445291	-999.	-999.	25700.	-0.	305.	179400.	20.	-101.	-.1	43.	2.2	3.	.6	11260.	1.8	7922.	17.
445292	-999.	-999.	51300.	-0.	464.	42800.	36.	-88.	16.8	76.	8.3	5.	1.4	28290.	-1.9	12770.	29.
445293	-999.	-999.	55180.	-0.	779.	25870.	56.	-80.	-999.0	91.	4.3	6.	1.3	29370.	5.6	15370.	29.
445296	-999.	-999.	37050.	-0.	319.	191100.	31.	-79.	5.3	71.	3.0	3.	.7	17820.	2.7	10350.	23.
445297	-999.	-999.	47570.	-0.	702.	29730.	43.	-80.	9.0	70.	3.6	5.	1.1	20280.	4.8	11560.	24.
445298	-999.	-999.	8632.	-0.	-174.	257100.	-4.	253.	-.1	-7.	-1.2	-1.	-.2	6508.	-.8	-2715.	-6.
445299	-999.	-999.	10640.	-0.	-148.	312400.	-7.	266.	-.1	-11.	-1.7	-1.	-.4	5706.	-1.3	-3228.	-7.
445300	-999.	-999.	69430.	-0.	775.	15430.	71.	-81.	7.3	106.	5.1	6.	1.4	32250.	4.4	16410.	39.
445306	-999.	-999.	58220.	-0.	574.	51910.	37.	-79.	10.0	92.	4.7	4.	.9	26330.	2.6	20120.	25.
445332	-999.	-999.	61830.	-0.	645.	11200.	54.	-98.	12.0	97.	5.4	6.	1.1	28100.	4.0	14140.	28.
445333	-999.	-999.	50540.	-0.	507.	7135.	59.	-72.	12.0	98.	4.0	5.	1.1	34580.	5.1	10290.	27.
445336	-999.	-999.	67870.	-0.	789.	19220.	61.	-86.	12.5	127.	4.7	5.	1.3	34410.	5.0	19270.	29.
445340	-999.	-999.	51810.	-0.	725.	78090.	48.	-91.	6.2	78.	4.6	4.	.8	26260.	3.2	12870.	26.
445342	-999.	-999.	53940.	-0.	676.	19240.	46.	-95.	17.5	69.	3.7	5.	1.1	31820.	2.4	18230.	24.
445344	-999.	-999.	19460.	-0.	193.	172500.	17.	-67.	-.1	38.	1.8	2.	.5	13760.	2.9	4233.	15.
445345	-999.	-999.	19210.	-0.	-207.	45240.	23.	-80.	4.4	38.	-2.2	1.	-.5	18550.	-1.7	-3974.	8.
445346	-999.	-999.	56760.	-0.	894.	89050.	46.	-127.	13.1	93.	5.2	5.	1.2	37340.	2.9	14850.	27.
445347	-999.	-999.	28670.	-0.	342.	24550.	29.	244.	3.2	53.	-2.9	3.	.8	21000.	-1.9	-3720.	18.
445348	-999.	-999.	12770.	-0.	237.	316200.	-6.	-116.	2.6	17.	-1.5	-1.	-.3	5748.	-1.2	-3046.	-8.
445349	-999.	-999.	12190.	-0.	-180.	312600.	-4.	198.	-.6	23.	-1.2	-1.	.2	7855.	-.9	-3830.	-6.
445350	-999.	-999.	17080.	-0.	208.	196100.	15.	261.	2.2	35.	-1.7	2.	.5	9633.	-1.2	-2806.	-6.
445351	-999.	-999.	34690.	-0.	513.	26360.	35.	-89.	4.4	61.	2.0	3.	.9	23180.	3.1	5709.	21.
445352	-999.	-999.	44930.	-0.	477.	32370.	31.	300.	11.5	52.	4.1	5.	1.0	19630.	2.5	11220.	24.
445353	-999.	-999.	34200.	-0.	385.	39880.	30.	176.	8.6	55.	2.6	3.	.9	20500.	2.0	7884.	18.
445354	-999.	-999.	49700.	-0.	611.	4767.	48.	-81.	6.8	88.	3.6	5.	1.1	26870.	3.8	10410.	22.
445356	-999.	-999.	35710.	-0.	534.	9701.	25.	234.	15.8	52.	3.9	4.	.7	21130.	2.7	10800.	13.
445357	-999.	-999.	40650.	-0.	353.	3475.	44.	-69.	4.9	68.	2.7	4.	1.0	21190.	5.0	7857.	22.
445358	-999.	-999.	51410.	-0.	895.	9177.	44.	-97.	12.1	88.	5.0	5.	1.0	27560.	3.7	14920.	-7.
445359	-999.	-999.	50780.	-0.	698.	9644.	40.	-120.	-3.2	84.	4.4	3.	1.1	27950.	3.3	12370.	23.
445361	-999.	-999.	69560.	-0.	1045.	5621.	47.	-121.	17.6	121.	4.5	4.	1.0	45460.	4.0	16580.	22.
445362	-999.	-999.	49270.	-0.	736.	-994.	50.	167.	17.6	86.	-2.6	5.	1.1	29410.	5.3	11470.	27.
445363	-999.	-999.	54390.	-0.	908.	-1716.	65.	-141.	10.6	83.	3.4	7.	2.0	43560.	-2.0	11590.	24.
445364	-999.	-999.	49260.	-0.	713.	5460.	31.	-132.	9.7	94.	2.5	5.	1.0	53440.	4.5	10250.	15.
445365	-999.	-999.	56970.	-0.	1060.	8163.	40.	-129.	17.0	122.	3.6	5.	1.5	39390.	3.7	11060.	23.
445368	-999.	-999.	43160.	-0.	336.	-927.	36.	-72.	6.1	74.	-1.8	4.	.8	17010.	5.7	6434.	23.
445369	-999.	-999.	57260.	-0.	485.	4271.	48.	-102.	22.9	76.	5.1	7.	1.7	27820.	4.6	12410.	27.
445370	-999.	-999.	61070.	-0.	533.	2383.	53.	-67.	21.1	95.	5.4	6.	1.3	25250.	5.1	14870.	30.
445371	-999.	-999.	55650.	-0.	428.	-834.	60.	-77.	10.8	106.	3.9	5.	1.4	34030.	5.4	14420.	29.
445372	-999.	-999.	37510.	-0.	411.	21620.	32.	136.	13.3	69.	3.4	4.	.8	22660.	2.7	5937.	20.
445373	-999.	-999.	11660.	-0.	333.	272600.	-5.	-128.	-.1	20.	-1.4	-2.	-.3	6156.	-1.1	-4459.	-8.
445374	-999.	-999.	39600.	-0.	385.	13600.	33.	-71.	8.8	70.	-2.1	4.	1.2	24070.	4.7	8119.	26.
445375	-999.	-999.	32630.	-0.	297.	127100.	32.	-99.	5.7	60.	-1.7	3.	.9	22920.	3.9	8257.	20.
445377	-999.	-999.	36280.	-0.	476.	26250.	33.	240.	8.7	59.	2.3	3.	.8	21460.	3.6	9205.	18.
445378	-999.	-999.	37130.	-0.	494.	75190.	35.	166.	10.3	66.	-2.5	4.	1.0	23090.	4.3	8439.	23.
445379	-999.	-999.	24290.	-0.	251.	5904.	32.	-43.	2.0	58.	1.1	3.	.7	12590.	3.6	5184.	16.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	PB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445308	-.1	-1692.	206.	2938.	-48.	-3.	8.5	3.1	-236.	-1.	-1.	5.0	2485.	90.	-1.9	-114.	1.701
445287	.2	5927.	120.	2354.	46.	-1.	6.6	3.3	384.	-1.	-1.	4.7	1891.	103.	2.1	89.	1.425
445288	.2	7712.	100.	1736.	-46.	-2.	7.5	2.2	-191.	-2.	-1.	3.9	2016.	79.	2.4	168.	1.449
445289	.4	8809.	251.	4111.	120.	-2.	13.9	4.8	-180.	-1.	-1.	8.6	4184.	163.	3.3	-96.	2.114
445290	.2	8305.	241.	1786.	-39.	-2.	5.8	1.9	484.	-2.	-1.	3.6	1310.	70.	-1.4	165.	1.553
445291	.2	5268.	224.	1339.	-34.	-2.	5.4	1.7	-207.	-1.	-1.	3.6	1960.	64.	-1.2	108.	2.193
445292	.4	4699.	188.	2942.	-67.	-3.	12.3	4.7	-251.	-2.	-1.	6.8	2944.	113.	-2.6	186.	1.770
445293	.4	6602.	138.	5958.	86.	-2.	11.8	4.0	-195.	-1.	-1.	7.7	4232.	123.	4.0	-69.	1.348
445296	.2	5397.	174.	2230.	81.	-2.	7.8	3.0	-186.	-1.	-1.	4.6	2143.	91.	2.1	75.	1.869
445297	.3	5447.	243.	5167.	-49.	-2.	9.2	3.3	-212.	-2.	-1.	5.2	3913.	129.	3.8	-61.	1.206
445298	-.1	2390.	147.	741.	-32.	-1.	1.8	.5	-231.	-1.	-1.	1.4	-597.	18.	-1.1	-11.	1.250
445299	-.1	3704.	167.	660.	-45.	-2.	2.3	-.7	-217.	-1.	-1.	-1.2	-544.	30.	-1.7	-54.	-999.000
445300	.3	8041.	155.	4611.	-47.	-2.	14.4	4.4	-214.	-1.	-1.	9.2	4269.	150.	2.5	-57.	2.558
445306	.3	14180.	181.	2579.	-55.	-3.	10.6	2.5	-222.	-1.	-1.	7.3	3080.	147.	-2.0	283.	2.457
445332	.3	7217.	248.	6187.	-61.	-3.	14.2	4.0	-287.	-2.	-1.	8.3	3709.	154.	3.6	124.	2.179
445333	.4	5186.	425.	5452.	56.	-2.	11.9	3.6	-156.	-1.	2.	6.8	3487.	115.	2.2	167.	2.558
445336	.4	9006.	305.	5270.	-51.	-3.	15.0	4.9	-254.	-1.	-2.	9.8	3971.	167.	3.8	-68.	2.882
445340	.3	7046.	675.	4085.	-41.	-2.	9.8	3.3	-282.	-1.	1.	6.3	3411.	125.	2.9	133.	2.217
445342	.2	8534.	431.	3501.	-46.	-2.	12.1	4.4	-254.	-2.	-1.	8.1	3051.	131.	2.4	208.	2.513
445344	.2	6513.	196.	856.	-29.	-1.	4.6	1.7	295.	-1.	-1.	2.7	1437.	48.	-.9	105.	1.233
445345	-.1	2505.	487.	1468.	-58.	-2.	4.3	1.4	-318.	-3.	-1.	3.1	1660.	47.	-1.8	-82.	.706
445346	.3	8143.	535.	6190.	-50.	-2.	14.9	3.9	-290.	-1.	-1.	6.4	3595.	169.	1.7	171.	2.146
445347	-.2	-1824.	246.	3198.	-61.	-3.	8.1	1.7	-282.	-3.	-1.	3.1	2056.	71.	-2.4	-95.	.681
445348	-.1	3085.	182.	1114.	-40.	-2.	2.7	1.0	-210.	-2.	-1.	-1.1	-541.	30.	-1.5	-60.	-999.000
445349	-.1	-1647.	456.	1890.	-32.	-1.	3.3	1.0	-303.	-1.	-1.	1.5	-754.	28.	-1.1	-37.	.694
445350	-.1	2130.	261.	1357.	-40.	-2.	4.4	1.4	-216.	-2.	-1.	1.8	1502.	42.	-1.6	107.	1.119
445351	.2	5948.	388.	4118.	-38.	-2.	9.3	3.0	-289.	-1.	-1.	4.6	2677.	83.	-1.6	133.	1.433
445352	.3	4640.	379.	3598.	-71.	-3.	9.2	3.3	-328.	-2.	-1.	6.3	3161.	87.	-2.8	168.	1.425
445353	.2	4702.	265.	3123.	-36.	-2.	8.1	3.0	-237.	-1.	-1.	4.8	2242.	74.	1.9	111.	2.273
445354	.2	4143.	405.	3837.	-61.	-3.	13.0	2.4	-275.	-2.	-1.	6.2	4539.	103.	4.8	-130.	2.101
445356	.2	3899.	435.	2930.	-55.	-3.	8.2	2.1	-273.	-2.	-1.	5.4	2258.	89.	-2.1	245.	2.584
445357	.2	4337.	146.	4519.	-33.	-2.	9.2	4.5	-177.	-1.	-1.	6.0	3734.	86.	2.7	51.	2.353
445358	-.1	6566.	380.	5556.	-59.	-3.	12.7	2.7	-280.	-2.	-1.	6.8	3555.	129.	-2.4	-117.	2.028
445359	.4	7355.	372.	7248.	47.	-3.	13.2	2.9	-358.	-2.	-1.	5.7	3987.	126.	-2.0	-61.	2.105
445361	.3	12920.	583.	12980.	-42.	-2.	18.7	5.0	-304.	-2.	-1.	6.9	4267.	195.	3.1	134.	2.625
445362	.3	5604.	843.	4451.	-58.	-3.	12.8	4.3	-348.	-2.	-1.	6.5	4108.	107.	-2.4	208.	2.132
445363	.4	6110.	1300.	2759.	-76.	-4.	16.9	5.1	-648.	-2.	-2.	7.6	-1603.	111.	3.8	-102.	2.500
445364	.3	7149.	387.	10790.	-60.	-3.	10.4	2.6	-270.	-2.	-1.	3.5	4727.	138.	-2.2	-75.	1.805
445365	.3	6613.	1169.	11440.	-41.	-2.	16.7	4.8	-396.	-1.	-1.	4.1	3384.	143.	2.5	269.	1.908
445368	.3	2997.	135.	3452.	-41.	-2.	8.0	3.0	-161.	-1.	-1.	6.2	3591.	88.	2.8	104.	2.597
445369	.3	5296.	471.	3268.	-62.	-3.	14.2	6.3	-366.	-2.	-1.	8.4	3213.	115.	3.4	281.	3.125
445370	.4	4695.	287.	2773.	90.	-3.	14.3	5.1	-223.	-1.	-1.	8.8	5041.	121.	3.2	-128.	2.994
445371	.4	4854.	484.	3137.	70.	-2.	14.2	4.8	-289.	-1.	-1.	9.5	4807.	119.	3.6	-52.	2.959
445372	.2	7319.	1157.	3718.	-40.	-2.	8.4	2.6	-323.	-2.	-1.	4.8	3476.	89.	2.5	145.	1.751
445373	-.1	2873.	518.	1033.	-44.	-2.	2.7	1.3	-362.	-2.	-1.	1.7	-907.	22.	-1.4	-53.	.977
445374	.3	4247.	301.	3681.	-45.	-2.	9.2	4.0	-215.	-1.	-1.	5.8	3902.	88.	-2.0	81.	2.212
445375	.2	6007.	717.	2931.	-37.	-2.	9.5	2.4	-333.	-1.	1.	4.7	2877.	69.	2.7	-68.	1.661
445377	.2	6350.	279.	3887.	-31.	-2.	9.3	3.3	-198.	-1.	-1.	5.0	2777.	86.	2.4	121.	2.381
445378	.3	3494.	469.	2385.	-56.	-3.	9.3	3.6	-293.	-2.	-1.	5.6	3162.	73.	-2.1	-23.	2.315
445379	.1	2610.	76.	2426.	-22.	-1.	5.3	2.4	-126.	-1.	-1.	4.5	2135.	54.	-1.0	-30.	2.632

PHILIP SMITH MTS LAKE SEDIMENTS

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445380	68.6300	149.6486	-999.	-999.	-999.	2.41	-5.	-5.	-5.	12.	-20.	22.	-5.	-10.	-15.
445381	68.6289	149.6250	-999.	-999.	-999.	1.37	-5.	-5.	-5.	13.	-20.	-15.	-5.	-10.	-15.
445382	68.6278	149.4936	-999.	-999.	-999.	3.37	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445383	68.6419	149.4567	-999.	-999.	-999.	2.44	-5.	-5.	-5.	39.	-20.	45.	6.	-10.	-15.
445384	68.6806	149.4431	9.	2.	-999.	2.21	-5.	-5.	-5.	27.	-20.	31.	10.	-10.	-15.
445386	68.6650	149.3586	-999.	-999.	-999.	3.13	-5.	-5.	-5.	20.	-20.	30.	9.	-10.	-15.
445388	68.6814	149.2447	-999.	-999.	-999.	2.40	-5.	-5.	-5.	17.	-20.	19.	-5.	-10.	-15.
445389	68.6811	149.2242	-999.	5.	-999.	2.62	-5.	-5.	-5.	24.	-20.	29.	6.	-10.	-15.
445501	68.8028	148.7472	7.	159.	-999.	1.16	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445502	68.7981	148.6969	8.	195.	-999.	.27	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445503	68.7956	148.8050	8.	170.	-999.	2.84	-5.	-5.	-5.	36.	-20.	30.	10.	-10.	-15.
445504	68.7967	148.8428	8.	79.	-999.	2.11	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445505	68.7661	148.9228	7.	8.	-999.	2.74	-5.	-5.	-5.	27.	-20.	39.	10.	-10.	-15.
445506	68.7475	148.9294	7.	7.	-999.	2.99	-5.	-5.	-5.	27.	-20.	35.	15.	-10.	-15.
445508	68.7756	149.1014	7.	73.	-999.	2.57	-5.	-5.	-5.	28.	-20.	26.	-5.	-10.	-15.
445509	68.7697	149.1731	7.	10.	-999.	2.90	-5.	-5.	-5.	47.	-20.	22.	8.	-10.	-15.
445510	68.7786	149.2117	7.	4.	-999.	2.78	-5.	-5.	-5.	25.	-20.	41.	6.	-10.	-15.
445511	68.5444	149.7242	7.	27.	-999.	3.28	-5.	-5.	-5.	18.	-20.	26.	7.	-10.	-15.
445512	68.5594	149.7242	7.	21.	-999.	2.50	-5.	-5.	-5.	36.	-20.	44.	15.	-10.	-15.
445513	68.6467	149.6753	7.	117.	-999.	1.23	-5.	-5.	-5.	17.	-20.	25.	5.	-10.	-15.
445514	68.6658	149.7247	8.	65.	-999.	2.46	-5.	-5.	-5.	18.	-20.	23.	6.	-10.	-15.
445516	68.7056	149.6661	8.	47.	-999.	3.06	-5.	-5.	-5.	28.	-20.	32.	13.	-10.	-15.
445517	68.7236	149.6678	8.	51.	-999.	5.24	-5.	-5.	-5.	25.	-20.	-15.	-5.	-10.	-15.
445518	68.7489	149.6772	8.	25.	-999.	3.40	-5.	-5.	-5.	33.	-20.	28.	6.	-10.	-15.
445519	68.7644	149.7017	8.	7.	-999.	2.02	-5.	-5.	-5.	34.	-20.	33.	-5.	-10.	-15.
445520	68.8200	149.7019	8.	6.	-999.	2.71	-5.	-5.	-5.	37.	-20.	49.	10.	-10.	-15.
445521	68.8208	149.7319	7.	9.	-999.	1.07	-5.	-5.	-5.	20.	-20.	-15.	14.	-10.	25.
445522	68.8581	149.6856	7.	5.	-999.	2.59	-5.	-5.	-5.	22.	-20.	25.	9.	-10.	-15.
445523	68.8678	149.6681	7.	11.	-999.	2.84	-5.	-5.	-5.	28.	-20.	29.	9.	-10.	-15.
445524	68.8825	149.6817	7.	68.	-999.	1.94	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445525	68.8919	149.6444	7.	17.	-999.	2.18	-5.	-5.	-5.	28.	-20.	31.	-5.	-10.	-15.
445526	68.8878	149.5914	7.	4.	-999.	2.78	-5.	-5.	-5.	33.	-20.	21.	11.	-10.	-15.
445527	68.8822	149.4331	7.	6.	-999.	2.47	-5.	-5.	-5.	23.	-20.	22.	6.	-10.	-15.
445528	68.8917	149.4400	7.	5.	-999.	2.28	-5.	-5.	-5.	18.	-20.	-15.	-5.	-10.	-15.
445529	68.8908	149.3078	6.	3.	-999.	2.36	-5.	-5.	-5.	32.	-20.	27.	10.	-10.	-15.
445530	68.8897	149.2872	7.	3.	-999.	2.66	-5.	-5.	-5.	18.	-20.	23.	-5.	-10.	-15.
445531	68.8481	149.2997	7.	37.	-999.	2.60	-5.	-5.	-5.	12.	-20.	33.	-5.	-10.	-15.
445533	68.8100	149.2986	6.	7.	-999.	1.07	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445534	68.7936	149.3194	7.	26.	-999.	3.30	-5.	-5.	-5.	26.	-20.	33.	7.	-10.	-15.
445535	68.7769	149.3447	7.	12.	-999.	1.85	-5.	-5.	-5.	11.	-20.	28.	-5.	-10.	-15.
445536	68.8158	149.2497	7.	5.	-999.	1.83	-5.	-5.	5.	36.	-20.	18.	-5.	-10.	-15.
445537	68.8100	149.2064	7.	7.	-999.	2.79	-5.	-5.	-5.	24.	-20.	29.	9.	-10.	-15.
445538	68.8225	149.0608	7.	6.	-999.	2.93	-5.	-5.	-5.	36.	-20.	39.	13.	-10.	-15.
445539	68.7956	148.9722	7.	15.	-999.	2.52	-5.	-5.	-5.	27.	-20.	23.	7.	-10.	-15.
445540	68.8244	148.9353	7.	56.	-999.	2.15	-5.	-5.	-5.	36.	-20.	38.	-5.	-10.	-15.
445541	68.8486	148.9908	7.	26.	-999.	2.58	-5.	-5.	-5.	30.	-20.	37.	9.	-10.	-15.
445542	68.8589	148.8328	7.	26.	-999.	2.98	-5.	-5.	-5.	19.	-20.	37.	-5.	-10.	-15.
445543	68.8514	148.7281	8.	37.	-999.	1.60	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445544	68.8681	148.7272	8.	55.	-999.	3.19	-5.	-5.	-5.	30.	-20.	31.	11.	-10.	-15.
445545	68.8533	149.1817	8.	4.	-999.	2.49	-5.	-5.	-5.	22.	-20.	30.	-5.	-10.	-15.

PHILIP SMITH MTS LAKE SEDIMENTS

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445380	-999.	-999.	31970.	-0.	479.	75470.	28.	304.	11.2	53.	-1.8	4.	.8	18620.	2.2	7108.	16.
445381	-999.	-999.	13370.	-0.	-276.	93900.	-4.	201.	2.4	25.	-1.4	-2.	.4	20750.	1.7	-6949.	-6.
445382	-999.	-999.	41690.	-0.	633.	46160.	42.	243.	10.3	74.	4.4	6.	1.3	21370.	3.3	8215.	25.
445383	-999.	-999.	48880.	-0.	558.	48070.	45.	-109.	9.5	77.	3.5	6.	1.7	35800.	-1.4	7338.	21.
445384	-999.	-999.	58550.	-0.	1104.	6369.	39.	-133.	15.4	120.	-2.3	6.	1.4	32170.	4.2	10920.	19.
445386	-999.	-999.	62850.	-0.	769.	3468.	61.	-88.	9.3	91.	4.8	5.	1.3	23720.	4.8	13330.	32.
445388	-999.	-999.	52410.	-0.	563.	-1571.	49.	-109.	14.7	48.	3.5	6.	1.0	24120.	3.2	11480.	18.
445389	-999.	-999.	50130.	-0.	602.	-1250.	46.	121.	7.7	72.	5.0	5.	1.3	23150.	3.0	9297.	30.
445501	-999.	-999.	11340.	-0.	-168.	284200.	14.	-104.	-.1	23.	-1.6	-1.	-.4	5202.	-1.3	-2781.	-5.
445502	-999.	-999.	1780.	-0.	-110.	371300.	-4.	188.	-999.0	-6.	-.9	-1.	-.2	2452.	.7	-2376.	-3.
445503	-999.	-999.	51680.	-0.	423.	75400.	41.	-84.	11.8	80.	4.1	4.	1.0	27510.	5.0	13380.	26.
445504	-999.	-999.	27250.	-0.	-607.	23750.	-14.	-199.	-.2	-27.	-4.5	-4.	-.9	15570.	-3.1	-12250.	-18.
445505	-999.	-999.	51910.	-0.	570.	4129.	44.	-116.	19.9	87.	3.7	4.	1.2	30960.	5.2	16960.	24.
445506	-999.	-999.	63960.	-0.	719.	-874.	58.	-94.	10.1	101.	3.9	6.	1.5	36120.	5.7	13450.	29.
445508	-999.	-999.	39250.	-0.	461.	17890.	40.	-102.	8.0	61.	3.3	3.	1.0	22330.	2.8	-5495.	17.
445509	-999.	-999.	60400.	-0.	832.	-1052.	56.	-84.	9.2	76.	4.8	5.	1.6	26630.	4.2	14530.	27.
445510	-999.	-999.	61860.	-0.	693.	-1245.	61.	-93.	15.6	91.	4.1	8.	1.5	29060.	5.1	11620.	35.
445511	-999.	-999.	47890.	-0.	483.	5578.	42.	-69.	11.5	72.	2.6	5.	1.1	26210.	4.9	11980.	20.
445512	-999.	-999.	51740.	-0.	428.	6651.	47.	-63.	18.1	85.	3.1	5.	1.0	29770.	3.6	11780.	22.
445513	-999.	-999.	19080.	-0.	-181.	17740.	25.	597.	5.6	41.	-2.2	-1.	.4	13050.	-1.5	4595.	11.
445514	-999.	-999.	43400.	-0.	453.	30480.	44.	-77.	6.7	76.	3.3	4.	1.0	23940.	4.8	8884.	22.
445516	-999.	-999.	50990.	-0.	-259.	-1717.	47.	-139.	14.4	87.	3.6	3.	1.0	37610.	5.3	-7263.	25.
445517	-999.	-999.	26110.	-0.	328.	19030.	31.	233.	-.1	52.	-2.3	3.	.4	9772.	3.8	5737.	-8.
445518	-999.	-999.	51390.	-0.	-348.	-1885.	34.	-122.	6.8	76.	-4.5	8.	1.5	28520.	-3.0	-6100.	-10.
445519	-999.	-999.	36570.	-0.	-232.	-1714.	36.	-115.	9.4	57.	-2.6	5.	1.1	22780.	2.6	-5800.	-7.
445520	-999.	-999.	48790.	-0.	479.	4197.	43.	-87.	22.9	74.	2.9	5.	1.1	26120.	3.2	8886.	25.
445521	-999.	-999.	15300.	-0.	334.	41750.	19.	264.	-.1	40.	-1.9	2.	.4	11710.	2.1	-3344.	-6.
445522	-999.	-999.	44480.	-0.	476.	-1110.	37.	-77.	11.1	66.	3.1	5.	.9	22420.	4.5	10230.	27.
445523	-999.	-999.	50860.	-0.	562.	4937.	43.	-106.	12.8	98.	4.2	6.	1.2	31120.	6.2	8317.	27.
445524	-999.	-999.	28430.	-0.	330.	50190.	24.	-80.	9.0	41.	2.0	3.	.6	46360.	2.5	-4029.	17.
445525	-999.	-999.	36870.	-0.	446.	5241.	38.	-83.	15.0	70.	2.9	5.	1.1	28190.	3.6	5082.	23.
445526	-999.	-999.	41550.	-0.	460.	-775.	47.	-67.	11.3	87.	2.6	5.	1.2	26410.	6.1	7221.	22.
445527	-999.	-999.	47780.	-0.	465.	-1191.	51.	-104.	5.9	77.	3.5	5.	1.0	30690.	5.6	8221.	27.
445528	-999.	-999.	35860.	-0.	235.	-603.	37.	-64.	6.4	79.	-1.6	3.	.7	14900.	6.7	5567.	18.
445529	-999.	-999.	44210.	-0.	480.	-968.	45.	-88.	5.8	80.	4.2	5.	1.4	24600.	4.8	9238.	19.
445530	-999.	-999.	50230.	-0.	667.	-1006.	49.	-88.	11.4	87.	3.0	5.	1.2	24830.	4.6	7217.	27.
445531	-999.	-999.	42290.	-0.	634.	-1584.	44.	-137.	37.2	104.	2.7	4.	1.2	49330.	9.7	-7322.	26.
445533	-999.	-999.	20870.	0.	-356.	-2095.	-10.	354.	-.2	55.	-3.1	2.	-.6	25770.	-2.2	-5127.	-12.
445534	-999.	-999.	39580.	-0.	522.	8905.	42.	-91.	6.6	67.	2.5	4.	.9	20760.	3.9	8896.	24.
445535	-999.	-999.	31430.	-0.	305.	-1309.	33.	-89.	-.9	68.	2.0	3.	.7	22050.	4.7	7046.	17.
445536	-999.	-999.	34780.	-0.	512.	-1880.	32.	-154.	48.0	69.	-2.7	4.	1.1	94890.	2.6	-9343.	17.
445537	-999.	-999.	52850.	-0.	703.	-1042.	45.	-82.	15.1	73.	4.1	5.	1.2	22300.	4.3	11730.	26.
445538	-999.	-999.	63920.	-0.	573.	-915.	57.	-82.	17.8	87.	4.2	6.	1.4	27970.	4.0	12800.	28.
445539	-999.	-999.	37570.	-0.	289.	14240.	42.	-70.	12.1	73.	-1.7	3.	1.0	29530.	4.7	8696.	22.
445540	-999.	-999.	30270.	-0.	359.	23300.	22.	-119.	11.6	43.	-2.2	3.	.8	31050.	2.6	-7280.	15.
445541	-999.	-999.	35610.	-0.	480.	6317.	39.	-75.	11.3	72.	-2.0	4.	1.0	21240.	4.1	8706.	17.
445542	-999.	-999.	50480.	-0.	522.	4888.	49.	-83.	11.9	80.	3.1	5.	1.3	33890.	6.2	12140.	25.
445543	-999.	-999.	22470.	-0.	-474.	15660.	-22.	-155.	-.2	59.	-5.9	-4.	-1.3	32530.	-4.3	-7423.	-16.
445544	-999.	-999.	55100.	-0.	759.	9177.	54.	-81.	10.1	89.	3.6	5.	1.2	33930.	4.2	11650.	26.
445545	-999.	-999.	46000.	-0.	631.	-807.	50.	-72.	10.9	89.	3.1	5.	1.0	19490.	4.6	8272.	24.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	PB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445380	.2	3323.	551.	2431.	-40.	-2.	7.0	2.1	-248.	-1.	-1.	4.0	2295.	71.	-1.6	118.	1.661
445381	-.1	-2539.	1794.	1017.	-40.	-2.	3.9	1.3	-539.	-1.	-1.	2.5	-1316.	36.	-1.3	110.	1.825
445382	.2	4712.	478.	2967.	-50.	-3.	12.1	5.9	-257.	-1.	-1.	7.4	2701.	85.	3.2	225.	2.198
445383	.3	4507.	1149.	2443.	-51.	-3.	14.8	6.0	-468.	-1.	-1.	6.4	2375.	100.	5.0	-62.	2.625
445384	.3	8640.	705.	12020.	-52.	-3.	13.5	3.1	-310.	-2.	-1.	4.5	4483.	147.	-2.1	227.	2.037
445386	.3	4912.	262.	5856.	-50.	-3.	13.6	4.5	-237.	-1.	-2.	9.0	5470.	129.	-2.4	110.	2.874
445388	.3	-1978.	265.	3424.	-68.	-3.	10.5	3.3	-293.	-3.	-1.	5.9	3529.	112.	-2.7	-87.	2.457
445389	.3	3637.	258.	3334.	-57.	-3.	11.8	4.8	-335.	-2.	-1.	7.7	3624.	108.	4.4	-29.	2.941
445501	-.1	3638.	155.	1126.	-40.	-2.	2.8	-1.0	-230.	-1.	-1.	1.8	920.	29.	-1.5	-42.	1.553
445502	-.1	-1072.	78.	193.	-25.	-1.	.4	-.3	-152.	-1.	-999.	-.7	-403.	-5.	-.8	-32.	-999.000
445503	.3	7173.	819.	3751.	66.	-2.	10.2	2.9	-287.	-1.	-1.	6.1	3369.	110.	2.5	146.	2.146
445504	-.2	-5036.	1595.	2130.	-112.	-4.	6.0	-1.3	-999.	-4.	-2.	-2.9	-2496.	74.	-3.8	171.	-999.000
445505	.3	-2456.	1416.	5636.	-55.	-2.	11.6	3.6	-468.	-1.	-1.	6.9	3943.	106.	2.8	-113.	2.519
445506	.4	6634.	387.	7163.	58.	-2.	13.8	5.3	-220.	-1.	-1.	7.6	4486.	135.	3.7	-67.	2.545
445508	.2	3624.	1032.	2760.	-46.	-2.	9.2	3.5	-410.	-2.	-1.	4.9	2677.	83.	2.7	152.	1.908
445509	.3	5771.	216.	3542.	-63.	-3.	14.9	5.3	-270.	-2.	-1.	8.0	3969.	131.	4.1	-73.	2.755
445510	.3	5615.	319.	4362.	-52.	-2.	14.5	4.9	-254.	-1.	-1.	8.6	4462.	121.	5.7	183.	3.096
445511	.2	4319.	419.	3230.	-46.	-2.	11.0	3.0	-240.	-2.	-1.	6.0	3663.	108.	-1.6	-133.	1.828
445512	.3	4175.	199.	2409.	-45.	-2.	12.2	4.9	-203.	-1.	-1.	7.4	4290.	98.	2.2	214.	2.959
445513	-.1	2421.	149.	1505.	-48.	-2.	4.8	1.4	-231.	-2.	-1.	-1.4	1512.	46.	-1.9	1147.	-999.000
445514	.2	4488.	292.	3133.	68.	-2.	9.4	3.2	-186.	-1.	1.	6.5	3289.	95.	2.6	-65.	2.646
445516	.3	-2858.	2697.	3272.	-47.	-2.	10.9	3.5	-536.	-1.	-1.	7.5	2596.	108.	2.7	142.	2.451
445517	-.1	-1789.	152.	1790.	-56.	-2.	6.5	2.7	-282.	-3.	-1.	3.8	2231.	57.	-1.9	-79.	.725
445518	-.2	3966.	500.	1776.	-92.	-4.	16.0	5.3	-486.	-3.	-2.	6.0	2124.	100.	-3.8	200.	1.764
445519	-.1	4436.	709.	2380.	-54.	-2.	10.1	3.4	-384.	-2.	-1.	6.0	-947.	68.	2.9	256.	2.967
445520	.3	4020.	493.	3604.	-61.	-3.	11.1	3.6	-320.	-2.	-1.	7.5	3333.	99.	-2.0	206.	2.770
445521	-.1	-1622.	239.	1481.	-46.	-2.	3.8	2.1	-279.	-2.	-1.	3.1	1773.	27.	-1.6	1342.	2.899
445522	.2	3501.	175.	4005.	-52.	-2.	9.9	4.5	-237.	-2.	-1.	6.8	4082.	94.	3.0	-71.	2.625
445523	.3	4488.	678.	4760.	64.	-2.	11.3	4.7	-295.	-1.	-1.	8.9	4956.	106.	3.2	184.	3.135
445524	-.1	3382.	809.	2054.	-48.	-2.	6.1	1.9	-302.	-2.	-1.	3.8	1373.	64.	-1.5	130.	1.957
445525	.3	3926.	487.	2912.	-50.	-2.	9.2	4.3	-310.	-2.	-1.	6.0	3413.	73.	4.5	168.	2.755
445526	.3	5253.	349.	4535.	-38.	-2.	9.6	5.1	-213.	-1.	-1.	7.0	4978.	87.	2.4	-12.	2.519
445527	.3	3663.	402.	4861.	-46.	-2.	10.3	3.7	-258.	-1.	-1.	7.3	4189.	97.	3.0	-101.	2.959
445528	.2	2495.	102.	4371.	60.	-2.	6.2	2.1	-161.	-2.	-1.	5.0	3604.	74.	-1.3	113.	2.193
445529	.3	3321.	190.	4276.	-49.	-2.	10.5	4.7	-239.	-1.	-1.	7.8	4144.	93.	3.2	113.	3.300
445530	.2	3979.	176.	5150.	-51.	-2.	11.7	3.9	-240.	-1.	-1.	7.0	4050.	101.	-2.5	-61.	2.632
445531	.4	-2723.	2344.	4049.	47.	-2.	9.7	4.3	-481.	-1.	-1.	7.2	3958.	88.	-2.8	-80.	2.770
445533	-.2	-2681.	269.	1505.	-87.	-3.	4.5	2.1	-447.	-3.	-2.	3.9	1480.	31.	-2.8	-61.	3.550
445534	.2	2925.	468.	3530.	-52.	-2.	9.6	3.5	-316.	-2.	-1.	5.8	3117.	83.	-2.2	342.	1.757
445535	.2	-1532.	368.	3542.	-35.	-2.	6.6	2.6	-226.	-1.	-1.	4.9	3066.	70.	-1.6	-61.	2.646
445536	-.1	-3471.	3022.	2792.	-71.	-2.	8.6	3.4	-696.	-2.	-1.	4.4	2763.	79.	4.6	251.	2.404
445537	.3	4504.	254.	4088.	-64.	-2.	11.0	3.8	-268.	-2.	-1.	5.8	3867.	103.	-1.9	241.	2.079
445538	.2	6928.	446.	4116.	71.	-2.	14.6	5.4	-229.	-1.	-1.	8.5	4310.	134.	3.3	192.	2.899
445539	.2	4390.	528.	4620.	-36.	-1.	9.5	3.7	-228.	-1.	-1.	5.4	3043.	86.	3.0	110.	2.141
445540	-.1	-2284.	1891.	1969.	-51.	-2.	8.1	2.1	-547.	-2.	-1.	4.4	2139.	60.	-1.8	155.	2.045
445541	.2	4803.	371.	4491.	-43.	-2.	8.7	2.7	-243.	-2.	-1.	5.0	3519.	85.	-1.4	135.	1.938
445542	.3	4866.	376.	5216.	69.	-1.	11.2	4.5	-210.	-1.	-1.	7.2	4177.	114.	2.5	89.	2.415
445543	-.4	-3262.	456.	1645.	-145.	-5.	4.9	-1.6	-650.	-5.	-3.	-4.1	-1645.	56.	-5.0	-198.	-999.000
445544	.3	5807.	485.	5726.	68.	-2.	12.4	4.4	-254.	-1.	-1.	7.0	4335.	126.	3.2	119.	2.193
445545	.3	3343.	181.	4284.	-46.	-2.	9.9	3.7	-196.	-1.	-1.	6.9	3796.	98.	2.6	163.	2.770

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	ARSENIC PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445546	68.8606	149.2292	8.	3.	-999.	2.19	-5.	-5.	-5.	25.	-20.	23.	7.	-10.	-15.
445549	68.9564	149.2711	7.	9.	-999.	1.32	-5.	-5.	8.	-10.	-20.	57.	-5.	-10.	-15.
445550	68.9572	149.3108	7.	5.	-999.	2.38	-5.	-5.	-5.	18.	-20.	31.	5.	-10.	-15.
445551	68.9292	149.4708	7.	5.	-999.	2.37	-5.	-5.	-5.	24.	-20.	19.	8.	-10.	-15.
445552	68.9019	149.4961	7.	6.	-999.	2.46	-5.	-5.	-5.	25.	-20.	-15.	-5.	-10.	-15.
445553	68.9197	149.5764	7.	12.	-999.	.72	-5.	-5.	-5.	22.	-20.	31.	-5.	-10.	-15.
445554	68.9347	149.6050	6.	5.	-999.	2.67	-5.	-5.	-5.	10.	-20.	15.	9.	-10.	-15.
445557	68.9725	149.6239	6.	5.	-999.	2.42	-5.	-5.	-5.	-10.	-20.	15.	5.	-10.	-15.
445558	68.9653	149.6358	6.	5.	-999.	2.42	-5.	-5.	-5.	21.	-20.	25.	-5.	-10.	-15.
445559	68.9831	149.5428	6.	12.	-999.	2.24	-5.	-5.	-5.	18.	-20.	-15.	7.	-10.	-15.
445560	68.9778	149.5581	6.	6.	-999.	2.51	-5.	-5.	-5.	12.	-20.	20.	6.	-10.	-15.
445561	68.9833	149.4489	6.	7.	-999.	2.60	-5.	-5.	-5.	19.	-20.	24.	6.	-10.	-15.
445562	68.9739	149.4722	7.	7.	-999.	2.64	-5.	-5.	-5.	-10.	-20.	33.	8.	-10.	-15.
445563	68.9858	149.2956	6.	15.	-999.	2.59	-5.	-5.	-5.	14.	-20.	26.	7.	-10.	-15.
445564	68.9786	149.2939	7.	11.	-999.	2.05	-5.	-5.	-5.	13.	-20.	-15.	8.	-10.	-15.
445567	68.8839	149.0308	6.	13.	-999.	2.96	-5.	-5.	-5.	23.	-20.	27.	10.	-10.	-15.
445568	68.8761	149.0658	7.	35.	-999.	3.43	-5.	-5.	-5.	35.	-20.	41.	9.	-10.	-15.
445569	68.8497	149.0325	7.	83.	-999.	3.35	-5.	-5.	-5.	47.	-20.	38.	10.	-10.	-15.
445570	68.8383	149.0706	7.	69.	-999.	3.00	-5.	-5.	-5.	44.	-20.	35.	11.	-10.	-15.
445571	68.8536	148.9753	8.	15.	-999.	2.94	-5.	-5.	-5.	26.	-20.	44.	12.	-10.	-15.
445572	68.8461	148.9922	8.	32.	-999.	2.92	-5.	-5.	-5.	34.	-20.	31.	6.	-10.	-15.
445573	68.8825	149.0047	8.	83.	-999.	3.52	-5.	-5.	-5.	53.	-20.	50.	11.	-10.	-15.
445574	68.9122	148.9889	8.	11.	-999.	3.04	-5.	-5.	-5.	30.	-20.	53.	13.	-10.	-15.
445575	68.9403	148.9833	8.	50.	-999.	1.84	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
445576	68.9336	148.9850	8.	42.	-999.	2.40	-5.	-5.	-5.	24.	-20.	28.	5.	-10.	-15.
445577	68.9285	149.0581	8.	3.	-999.	2.93	-5.	-5.	-5.	26.	-20.	26.	8.	-10.	-15.
445578	68.9456	149.1031	8.	4.	-999.	2.22	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445579	68.9600	149.1131	7.	8.	-999.	2.89	-5.	6.	-5.	22.	-20.	30.	6.	-10.	-15.
445580	68.9733	149.0397	7.	50.	-999.	1.44	-5.	-5.	-5.	36.	-20.	37.	-5.	-10.	-15.
445581	68.9956	148.9364	8.	22.	-999.	3.36	-5.	-5.	-5.	20.	-20.	40.	12.	-10.	-15.
445582	68.9864	148.9542	8.	77.	-999.	2.48	-5.	-5.	-5.	41.	-20.	42.	-5.	-10.	-15.
445583	68.9894	148.8936	8.	62.	-999.	2.57	-5.	-5.	-5.	47.	-20.	45.	7.	-10.	-15.
445584	68.9786	148.8844	8.	78.	-999.	2.48	-5.	-5.	-5.	25.	-20.	23.	-5.	-10.	-15.
445585	68.9731	148.7678	8.	119.	-999.	3.40	-5.	-5.	-5.	24.	-20.	27.	7.	-10.	-15.
445586	68.9928	148.6825	8.	7.	-999.	1.97	-5.	-5.	-5.	29.	-20.	27.	-5.	-10.	-15.
445587	68.9878	148.5675	8.	24.	-999.	2.36	-5.	-5.	-5.	39.	-20.	61.	-5.	-10.	-15.
445588	68.9939	148.5989	8.	30.	-999.	2.51	-5.	-5.	-5.	24.	-20.	41.	9.	-10.	-15.
445589	68.9811	148.5128	9.	43.	-999.	3.20	-5.	-5.	-5.	24.	-20.	39.	9.	-10.	-15.
445590	68.9683	148.4403	9.	69.	-999.	2.50	-5.	-5.	-5.	18.	-20.	21.	10.	-10.	-15.
445591	68.9619	148.3833	8.	94.	-999.	1.16	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	-15.
445592	68.9714	148.3981	8.	120.	-999.	3.03	-5.	-5.	-5.	33.	-20.	31.	12.	-10.	-15.
445593	68.9364	148.4347	8.	19.	-999.	1.77	-5.	-5.	-5.	43.	-20.	43.	-5.	-10.	-15.
445594	68.9178	148.4311	8.	19.	-999.	3.22	-5.	-5.	-5.	28.	-20.	49.	8.	-10.	-15.
445595	68.9458	148.5717	8.	10.	-999.	2.64	-5.	-5.	-5.	21.	-20.	23.	-5.	-10.	-15.
445596	68.9564	148.5792	8.	94.	-999.	2.84	-5.	-5.	-5.	-10.	-20.	25.	-5.	-10.	-15.
445597	68.9297	148.7264	8.	13.	-999.	1.81	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445599	68.9333	148.8208	8.	54.	-999.	2.95	-5.	-5.	-5.	37.	-20.	32.	5.	-10.	-15.
445600	68.9256	148.8219	8.	149.	-999.	3.15	-5.	-5.	-5.	22.	-20.	34.	10.	-10.	-15.
445601	68.7392	148.5608	8.	131.	-999.	.72	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445602	68.7369	148.6483	8.	192.	-999.	1.70	-5.	-5.	-5.	25.	-20.	-15.	-5.	-10.	15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445546	-999.	-999.	45870.	-0.	536.	-2018.	38.	-125.	9.2	61.	3.2	6.	1.3	28990.	-1.7	11800.	20.
445549	-999.	-999.	-11760.	-0.	-1599.	-8675.	19.	-726.	110.2	41.	-3.3	-10.	.7	188400.	2.9	-43080.	-7.
445550	-999.	-999.	44010.	-0.	543.	-1135.	43.	-97.	3.3	68.	-1.8	5.	1.1	18730.	5.9	9122.	21.
445551	-999.	-999.	48760.	-0.	455.	-924.	53.	-81.	5.4	78.	4.3	5.	.8	23400.	5.0	11060.	26.
445552	-999.	-999.	46590.	-0.	540.	-814.	47.	-75.	-.6	71.	3.0	5.	.9	22930.	5.4	12150.	21.
445553	-999.	-999.	16040.	-0.	-260.	-1569.	23.	210.	7.5	-20.	-3.0	2.	-.7	11350.	-2.3	-3229.	-10.
445554	-999.	-999.	51640.	-0.	520.	-815.	50.	-79.	5.5	85.	4.1	5.	1.0	26650.	5.0	10680.	24.
445557	-999.	-999.	40190.	-0.	516.	-891.	45.	-83.	11.3	72.	-2.2	4.	1.0	25350.	4.9	8394.	21.
445558	-999.	-999.	49220.	-0.	465.	-1409.	44.	-125.	21.5	66.	3.9	5.	1.1	50290.	4.7	10800.	21.
445559	-999.	-999.	39490.	-0.	337.	-1265.	43.	-96.	25.2	79.	-2.4	4.	.9	43740.	5.1	-4987.	21.
445560	-999.	-999.	45040.	-0.	523.	-765.	35.	-73.	9.5	89.	2.5	4.	1.0	32290.	6.1	8805.	22.
445561	-999.	-999.	54240.	-0.	642.	-996.	45.	-85.	9.8	79.	3.2	5.	1.0	25890.	4.2	9781.	24.
445562	-999.	-999.	48380.	-0.	471.	-912.	51.	-87.	4.5	84.	3.2	5.	1.1	25530.	6.6	9421.	25.
445563	-999.	-999.	44860.	-0.	512.	-820.	45.	-83.	19.2	76.	-2.1	4.	1.0	27710.	6.0	7664.	25.
445564	-999.	-999.	33670.	-0.	545.	-3153.	34.	-263.	34.1	70.	-2.1	-2.	.8	46460.	4.3	-13200.	17.
445567	-999.	-999.	61290.	-0.	448.	-928.	56.	-90.	16.2	82.	4.1	5.	1.4	33870.	5.7	14940.	34.
445568	-999.	-999.	44830.	-0.	533.	6810.	38.	-75.	4.5	75.	3.7	5.	1.2	33280.	3.0	12590.	20.
445569	-999.	-999.	67770.	-0.	744.	13990.	56.	-100.	18.3	93.	5.5	5.	1.1	41020.	3.5	15870.	32.
445570	-999.	-999.	60470.	-0.	664.	10700.	56.	-91.	12.4	88.	4.5	5.	1.5	37650.	3.8	13720.	29.
445571	-999.	-999.	46120.	-0.	439.	5438.	47.	-98.	13.0	72.	-2.9	4.	1.2	27430.	5.0	9055.	26.
445572	-999.	-999.	43190.	-0.	-252.	-1262.	37.	-98.	15.5	65.	-2.7	5.	1.0	39500.	4.6	9098.	20.
445573	-999.	-999.	78090.	-0.	799.	14810.	67.	-106.	20.0	107.	7.5	6.	1.5	45350.	4.6	18830.	37.
445574	-999.	-999.	50050.	-0.	490.	4577.	50.	-88.	16.3	74.	3.6	5.	1.4	31790.	4.6	10320.	26.
445575	-999.	-999.	25890.	-0.	462.	8085.	20.	-112.	6.7	46.	3.0	2.	.8	97860.	-1.7	-6684.	13.
445576	-999.	-999.	39200.	-0.	397.	8389.	31.	-88.	9.3	63.	3.5	4.	1.0	23420.	3.6	9743.	15.
445577	-999.	-999.	57420.	-0.	605.	-995.	56.	-88.	8.6	95.	4.9	6.	1.4	22330.	6.8	10340.	27.
445578	-999.	-999.	39820.	-0.	368.	-888.	42.	-87.	6.2	76.	-2.4	4.	1.0	18640.	6.7	6512.	23.
445579	-999.	-999.	59510.	-0.	783.	-701.	64.	-64.	6.5	96.	3.8	5.	1.1	22860.	5.4	12510.	28.
445580	-999.	-999.	19430.	-0.	-413.	12900.	-8.	-151.	19.1	24.	-2.6	4.	.4	44990.	-1.8	-9449.	8.
445581	-999.	-999.	50540.	-0.	526.	7384.	49.	-105.	19.9	86.	3.3	5.	1.2	29860.	4.9	8950.	24.
445582	-999.	-999.	31610.	-0.	415.	15340.	25.	182.	11.2	47.	-2.5	3.	.8	18160.	3.2	6254.	18.
445583	-999.	-999.	39860.	-0.	433.	10890.	35.	193.	3.4	71.	3.1	4.	.9	21830.	3.4	4352.	20.
445584	-999.	-999.	34770.	-0.	459.	6711.	36.	-83.	7.4	70.	3.8	4.	.8	16850.	4.2	8289.	19.
445585	-999.	-999.	29280.	-0.	280.	27670.	-6.	209.	-.6	43.	-2.1	3.	.7	27210.	-1.4	-4902.	15.
445586	-999.	-999.	37260.	-0.	319.	7404.	41.	-104.	5.6	71.	-3.1	4.	1.0	20600.	3.8	10040.	15.
445587	-999.	-999.	31340.	-0.	530.	12040.	35.	310.	-4.8	59.	-2.9	5.	.8	20310.	-2.0	-5595.	-7.
445588	-999.	-999.	46410.	-0.	757.	7541.	37.	-86.	11.7	69.	-2.4	4.	.8	21300.	2.8	9705.	18.
445589	-999.	-999.	54700.	-0.	765.	9602.	52.	-82.	9.2	75.	3.9	5.	1.0	25290.	4.1	11700.	28.
445590	-999.	-999.	31070.	-0.	320.	141600.	29.	127.	7.5	46.	-2.0	3.	1.0	19190.	2.4	7503.	19.
445591	-999.	-999.	10520.	-0.	-185.	197500.	12.	242.	-.1	20.	-1.7	-1.	-.3	15180.	-1.1	-3910.	7.
445592	-999.	-999.	52470.	-0.	767.	14790.	51.	-97.	11.4	73.	3.6	3.	1.0	27270.	3.9	10600.	23.
445593	-999.	-999.	30960.	-0.	516.	14010.	30.	-129.	-.1	51.	-2.6	3.	.7	13890.	-1.7	10290.	14.
445594	-999.	-999.	66270.	-0.	727.	5901.	54.	-96.	11.4	97.	5.2	5.	1.1	30210.	4.8	14160.	31.
445595	-999.	-999.	46320.	-0.	597.	4376.	35.	-110.	15.2	84.	3.5	5.	1.0	46170.	5.0	11120.	26.
445596	-999.	-999.	50260.	-0.	505.	3682.	44.	-78.	14.4	96.	4.0	5.	.9	22980.	5.8	9978.	25.
445597	-999.	-999.	23950.	-0.	445.	18960.	-5.	-96.	6.4	50.	3.3	3.	.6	13450.	-1.2	7099.	13.
445599	-999.	-999.	42930.	-0.	390.	84550.	41.	-73.	9.1	76.	4.2	3.	1.0	28250.	5.0	9963.	23.
445600	-999.	-999.	43080.	-0.	409.	104900.	39.	-75.	5.1	72.	4.6	4.	.8	23270.	3.3	11580.	21.
445601	-999.	-999.	3529.	-0.	-243.	322100.	-5.	-131.	-.6	-9.	-1.3	-2.	-.3	5098.	-1.0	-5226.	-5.
445602	-999.	-999.	9806.	-0.	419.	294500.	-5.	311.	-.1	23.	-1.5	-2.	-.3	4956.	-1.0	-6602.	-4.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445546	.2	4252.	444.	3042.	-70.	-2.	10.6	3.8	-370.	-3.	-1.	6.3	-940.	106.	3.3	-39.	2.890
445549	-.2	-16060.	15750.	2084.	-105.	-3.	4.4	1.9	-999.	-3.	-2.	3.9	-7920.	-90.	-2.5	175.	2.959
445550	.4	2878.	150.	5534.	-41.	-2.	8.9	3.9	-202.	-1.	-1.	6.2	3847.	90.	2.4	-50.	2.604
445551	.3	3545.	110.	4981.	-52.	-2.	10.6	4.4	-198.	-2.	-1.	6.8	3514.	102.	2.4	-58.	2.865
445552	.3	3816.	114.	6003.	-39.	-2.	9.0	3.4	-178.	-1.	-1.	5.8	4277.	93.	2.1	-48.	2.358
445553	-.2	-1669.	109.	1073.	-82.	-3.	3.4	1.9	-291.	-3.	-2.	-2.2	-774.	31.	-2.6	-59.	-999.000
445554	.2	5174.	136.	5422.	-34.	-1.	10.4	4.0	-164.	-1.	-1.	7.6	4701.	112.	2.8	63.	2.849
445557	.2	3523.	249.	4380.	-50.	-2.	8.3	2.9	-243.	-2.	-1.	5.3	4034.	88.	-1.9	-48.	2.188
445558	.3	4115.	1078.	4375.	-55.	-2.	9.9	3.9	-406.	-2.	-1.	7.6	4330.	109.	2.8	-48.	3.145
445559	.3	2341.	974.	4604.	-57.	-2.	8.6	3.4	-374.	-2.	-1.	6.3	2930.	78.	2.6	87.	2.809
445560	.2	3152.	425.	4966.	55.	-1.	8.7	3.4	-229.	-1.	-1.	6.7	4240.	94.	1.8	-52.	2.667
445561	.3	3717.	127.	5968.	-51.	-2.	10.1	3.2	-215.	-2.	-1.	5.6	4105.	105.	-1.7	172.	2.155
445562	.4	4855.	121.	6500.	57.	-1.	9.7	4.4	-167.	-1.	-1.	6.8	4339.	99.	2.4	62.	2.577
445563	.3	2965.	753.	4051.	-46.	-2.	10.3	4.2	-300.	-1.	-1.	6.0	3392.	102.	3.0	-22.	2.398
445564	.2	-5321.	5640.	3213.	-51.	-2.	8.2	2.9	-962.	-1.	-1.	6.1	-2302.	52.	2.7	274.	2.976
445567	.3	4324.	428.	5578.	-55.	-2.	13.7	4.7	-278.	-2.	-1.	9.0	4612.	126.	3.1	-66.	3.040
445568	.3	4000.	460.	3168.	-44.	-2.	12.5	3.8	-259.	-1.	-1.	6.4	3605.	99.	3.0	194.	1.866
445569	.3	8106.	701.	4455.	-60.	-2.	15.1	4.0	-359.	-2.	-1.	8.7	4796.	175.	2.8	159.	2.597
445570	.3	6439.	681.	4486.	58.	-2.	13.5	4.8	-284.	-1.	-1.	9.0	4201.	135.	3.1	162.	3.003
445571	.3	4088.	445.	4496.	113.	-2.	11.3	4.2	-339.	-3.	-1.	7.0	3048.	98.	-2.7	-146.	2.381
445572	.3	2890.	671.	4445.	-67.	-2.	10.2	2.8	-389.	-3.	-1.	5.7	3754.	98.	-2.2	204.	1.953
445573	.3	9630.	931.	4658.	81.	-1.	17.9	5.9	-336.	-1.	-1.	9.6	4766.	193.	3.8	141.	2.725
445574	.3	5449.	547.	4916.	-48.	-2.	12.5	4.8	-286.	-1.	-1.	7.0	3619.	109.	-1.5	-74.	2.304
445575	-.1	3451.	1360.	2059.	-71.	-2.	6.2	1.6	-514.	-2.	-1.	2.8	1993.	61.	-2.4	226.	1.522
445576	.2	4769.	259.	4165.	-56.	-2.	9.0	2.4	-283.	-2.	-1.	4.8	2653.	90.	-1.9	146.	2.000
445577	.4	4294.	180.	5743.	56.	-1.	11.8	5.3	-191.	-1.	-1.	7.7	4720.	115.	3.8	-82.	2.625
445578	.3	3146.	135.	4708.	-49.	-2.	9.1	4.0	-235.	-1.	-1.	6.6	2805.	84.	-1.7	-68.	2.976
445579	.3	4451.	164.	6002.	55.	-1.	12.3	5.4	-157.	-1.	1.	8.0	5144.	124.	2.9	135.	2.770
445580	.1	-3582.	2976.	1317.	-67.	-2.	5.8	2.0	-778.	-3.	-1.	3.2	-1073.	34.	-2.0	398.	2.222
445581	.3	5168.	643.	5360.	-42.	-2.	11.8	4.8	-295.	-1.	-1.	9.1	4094.	118.	3.6	215.	2.710
445582	-.1	2304.	414.	2840.	-54.	-2.	9.8	2.7	-300.	-2.	-1.	4.3	1632.	64.	2.3	455.	1.733
445583	.3	4292.	461.	4275.	-42.	-2.	10.9	3.4	-282.	-1.	-1.	6.2	3382.	106.	2.8	149.	2.410
445584	.2	3908.	254.	4889.	-47.	-2.	7.1	2.3	-246.	-1.	-1.	5.6	3339.	74.	-1.6	90.	2.257
445585	-.1	-2126.	454.	2301.	-53.	-2.	6.9	2.4	-339.	-2.	-1.	3.5	1670.	9.	-1.6	162.	1.030
445586	.4	3562.	274.	3482.	-66.	-3.	9.1	2.6	-326.	-3.	-1.	5.6	2136.	84.	-2.2	-73.	2.841
445587	.2	6117.	642.	2550.	-65.	-2.	9.5	2.6	-442.	-2.	-1.	5.2	-1113.	74.	-2.4	411.	2.203
445588	.2	5043.	230.	4164.	62.	-2.	10.1	2.6	-264.	-2.	-1.	6.6	3386.	108.	-1.9	518.	2.632
445589	.3	4895.	327.	5185.	61.	-1.	11.8	4.9	-197.	-1.	-1.	7.5	3549.	128.	3.3	112.	2.342
445590	.2	4383.	254.	2845.	-42.	-2.	7.0	2.5	-226.	-2.	-1.	4.1	2009.	66.	2.1	-119.	1.639
445591	-.1	-1626.	440.	973.	-42.	-1.	3.1	.9	-298.	-2.	-1.	1.8	-746.	28.	-1.6	87.	1.553
445592	.2	6012.	468.	5156.	-59.	-2.	10.6	3.2	-330.	-2.	-1.	6.9	3494.	123.	2.5	237.	2.278
445593	-.1	-2128.	180.	2503.	-60.	-2.	8.2	2.6	-307.	-2.	-1.	5.4	1966.	62.	2.5	264.	3.049
445594	.3	6421.	419.	6104.	122.	-2.	14.0	5.0	-285.	-2.	-1.	7.7	4123.	149.	3.6	-110.	2.392
445595	.3	5004.	1465.	5780.	-43.	-2.	10.4	3.7	-404.	-1.	-1.	8.6	3885.	115.	3.2	151.	2.500
445596	.3	3873.	320.	6210.	-40.	-2.	10.3	3.2	-231.	-1.	-1.	6.8	4088.	111.	2.6	172.	2.392
445597	.2	-1541.	303.	1809.	-44.	-2.	7.1	2.5	-258.	-2.	-1.	4.7	1979.	59.	-1.3	204.	2.597
445599	.3	8168.	482.	3440.	64.	-1.	10.4	3.6	-220.	-1.	-1.	5.5	3008.	105.	1.9	117.	1.866
445600	.3	7857.	412.	2940.	76.	-1.	9.2	3.3	-210.	-1.	-1.	5.5	3124.	107.	2.4	138.	1.745
445601	-.1	-1969.	1101.	447.	-36.	-1.	1.1	-.4	-429.	-1.	-1.	-1.0	-1041.	-11.	-1.2	-45.	-999.000
445602	-.1	-2388.	1081.	851.	-39.	-1.	2.7	.9	-437.	-2.	-1.	1.7	-1054.	28.	-1.2	-49.	1.000

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445603	68.7394	148.7394	8.	153.	-999.	3.10	-5.	-5.	-5.	49.	-20.	43.	12.	-10.	-15.
445604	68.7417	148.7644	8.	150.	-999.	.95	-5.	-5.	-5.	11.	-20.	-15.	-5.	-10.	16.
445605	68.6725	148.8736	8.	88.	-999.	2.10	-5.	5.	-5.	43.	-20.	48.	-5.	-10.	-15.
445606	68.6883	148.9061	8.	33.	-999.	2.72	-5.	-5.	-5.	35.	-20.	34.	6.	-10.	-15.
445607	68.6400	149.0408	8.	44.	-999.	2.97	-5.	-5.	-5.	33.	-20.	40.	14.	-10.	-15.
445608	68.6208	149.0350	8.	136.	-999.	3.88	-5.	6.	-5.	49.	-20.	58.	18.	-10.	-15.
445609	68.6033	149.1364	8.	76.	-999.	2.98	-5.	-5.	-5.	39.	-20.	57.	12.	-10.	20.
445610	68.5881	149.1392	8.	17.	-999.	2.91	-5.	-5.	-5.	49.	-20.	51.	7.	-10.	-15.
445611	68.5856	149.1969	8.	25.	-999.	2.72	-5.	-5.	-5.	36.	-20.	47.	6.	-10.	-15.
445612	68.5917	149.2000	8.	12.	-999.	2.97	-5.	-5.	-5.	50.	-20.	31.	9.	-10.	21.
445617	68.5572	149.5625	8.	31.	-999.	2.66	-5.	6.	-5.	40.	-20.	51.	10.	-10.	-15.
445618	68.5611	149.6336	7.	47.	-999.	3.38	-5.	5.	-5.	41.	-20.	41.	11.	-10.	-15.
445619	68.4894	149.6078	8.	65.	-999.	3.70	-5.	-5.	-5.	44.	-20.	48.	9.	-10.	-15.
445620	68.4958	149.6017	8.	39.	-999.	3.29	-5.	-5.	-5.	34.	-20.	60.	12.	-10.	-15.
445621	68.4875	149.6089	8.	21.	-999.	2.67	-5.	5.	-5.	36.	-20.	38.	12.	-10.	-15.
445622	68.4900	149.7278	8.	145.	-999.	4.13	-5.	-5.	-5.	21.	-20.	19.	6.	-10.	-15.
445623	68.5153	149.7861	8.	148.	-999.	3.72	-5.	-5.	-5.	33.	-20.	35.	6.	-10.	-15.
445624	68.5211	149.8106	8.	155.	-999.	3.09	-5.	-5.	-5.	38.	-20.	46.	15.	-10.	-15.
445625	68.4469	149.9169	8.	96.	-999.	2.80	-5.	7.	-5.	41.	-20.	39.	12.	-10.	-15.
445626	68.4542	149.9769	8.	192.	-999.	2.72	-5.	-5.	-5.	25.	-20.	42.	11.	-10.	-15.
445627	68.5058	149.9031	8.	120.	-999.	2.95	-5.	5.	-5.	24.	-20.	42.	-5.	-10.	-15.
445628	68.5114	149.9069	8.	123.	-999.	3.54	-5.	-5.	-5.	29.	-20.	33.	19.	-10.	-15.
445629	68.5189	149.9086	8.	159.	-999.	2.54	-5.	-5.	-5.	29.	-20.	52.	10.	-10.	-15.
445630	68.5336	149.9119	8.	105.	-999.	2.85	-5.	-5.	-5.	34.	-20.	45.	7.	-10.	18.
445632	68.5742	149.9664	8.	153.	-999.	2.78	-5.	5.	-5.	32.	-20.	22.	10.	-10.	24.
445634	68.6144	149.9356	6.	183.	-999.	2.92	-5.	-5.	-5.	34.	-20.	34.	5.	-10.	-15.
445636	68.6633	149.9489	8.	36.	-999.	2.00	-5.	-5.	-5.	22.	-20.	23.	-5.	-10.	-15.
445637	68.6833	149.9469	7.	105.	-999.	3.45	-5.	-5.	-5.	40.	-20.	38.	8.	-10.	-15.
445638	68.6683	149.8533	7.	84.	10.	2.53	-5.	-5.	-5.	31.	-20.	40.	-5.	-10.	-15.
445639	68.6603	149.8181	8.	49.	-999.	2.97	-5.	5.	-5.	31.	-20.	27.	5.	10.	-15.
445641	68.6183	149.7981	8.	59.	-999.	2.46	-5.	-5.	-5.	40.	-20.	48.	-5.	-10.	-15.
445667	68.7225	149.4522	7.	5.	-999.	2.30	-5.	-5.	-5.	30.	-20.	38.	8.	-10.	23.
445668	68.7525	149.4764	7.	-999.	-999.	2.46	-5.	7.	-5.	22.	-20.	27.	-5.	-10.	-15.
445669	68.7981	149.4833	6.	7.	-999.	1.69	-5.	5.	-5.	12.	-20.	23.	-5.	-10.	-15.
445670	68.8031	149.4628	6.	6.	-999.	2.32	-5.	-5.	-5.	34.	-20.	54.	-5.	-10.	-15.
445671	68.8814	149.5131	6.	7.	-999.	2.63	-5.	6.	-5.	27.	-20.	33.	9.	-10.	-15.
445672	68.8700	149.5383	6.	6.	-999.	2.63	-5.	5.	-5.	22.	-20.	26.	-5.	-10.	-15.
445673	68.8575	149.5383	6.	7.	-999.	1.93	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445674	68.8464	149.5178	7.	8.	-999.	2.49	-5.	-5.	-5.	31.	-20.	39.	6.	-10.	32.
445675	68.8317	149.5108	7.	8.	-999.	2.41	-5.	-5.	-5.	24.	-20.	26.	5.	-10.	18.
445676	68.9031	149.5944	7.	10.	-999.	3.41	-5.	5.	-5.	23.	-20.	23.	8.	-10.	-15.
445677	68.7411	149.5781	7.	60.	-999.	1.78	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445679	68.7158	149.5569	7.	32.	-999.	2.27	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445680	68.7019	149.6283	7.	34.	-999.	3.02	-5.	-5.	-5.	41.	-20.	51.	10.	-10.	-15.
445681	68.6792	149.6236	7.	217.	-999.	3.81	-5.	6.	-5.	64.	-20.	67.	14.	-10.	-15.
445682	68.6572	149.5858	8.	83.	-999.	2.96	-5.	-5.	-5.	18.	-20.	20.	-5.	-10.	-15.
445683	68.7128	149.9522	8.	117.	-999.	1.98	-5.	-5.	-5.	27.	-20.	23.	8.	-10.	-15.
445684	68.7139	149.8853	8.	78.	-999.	3.18	-5.	-5.	-5.	25.	-20.	34.	11.	-10.	-15.
445685	68.7364	149.9061	8.	32.	-999.	2.62	-5.	-5.	-5.	29.	-20.	32.	-5.	-10.	-15.
445686	68.7269	149.9964	9.	134.	-999.	1.32	-5.	-5.	-5.	19.	-20.	16.	-5.	-10.	-15.

PHILIP SMITH MTS LAKE SEDIMENTS

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445603	-999.	-999.	59750.	-0.	789.	22250.	45.	-121.	18.8	93.	4.6	6.	1.3	42290.	4.2	14370.	27.
445604	-999.	-999.	10340.	-0.	225.	313800.	16.	186.	-999.0	23.	-1.3	1.	.2	8782.	-.9	-3216.	5.
445605	-999.	-999.	32650.	-0.	436.	12940.	19.	311.	11.1	50.	-2.4	3.	.7	18740.	3.1	8202.	16.
445606	-999.	-999.	43240.	-0.	591.	13380.	40.	-93.	7.7	83.	2.5	4.	1.1	24760.	5.9	7392.	21.
445607	-999.	-999.	47130.	-0.	461.	5662.	50.	-88.	11.3	80.	-2.3	4.	1.2	30800.	6.4	11060.	30.
445608	-999.	-999.	73950.	-0.	756.	25220.	77.	-89.	14.9	111.	7.6	5.	1.4	43590.	5.5	17430.	35.
445609	-999.	-999.	54320.	-0.	492.	4920.	47.	-76.	14.5	76.	4.1	5.	1.0	30250.	4.5	12400.	24.
445610	-999.	-999.	49260.	-0.	540.	6043.	48.	-103.	12.8	83.	3.6	5.	1.2	40450.	4.5	13760.	23.
445611	-999.	-999.	49680.	-0.	429.	-853.	48.	119.	13.8	86.	3.8	4.	1.1	35390.	3.4	11940.	26.
445612	-999.	-999.	48580.	-0.	584.	5418.	45.	-77.	-.1	79.	3.1	5.	1.2	23750.	3.8	12510.	20.
445617	-999.	-999.	49180.	-0.	414.	4047.	44.	-63.	11.8	84.	3.1	5.	.9	27380.	4.8	10890.	22.
445618	-999.	-999.	57210.	-0.	642.	18290.	46.	-97.	12.3	91.	4.6	5.	1.3	29900.	4.9	12820.	26.
445619	-999.	-999.	70510.	-0.	413.	4500.	66.	-67.	15.7	121.	5.8	6.	1.4	35420.	5.7	18980.	34.
445620	-999.	-999.	58990.	-0.	598.	4218.	47.	-80.	12.6	87.	5.2	4.	1.1	38760.	5.5	14580.	27.
445621	-999.	-999.	41950.	-0.	358.	-789.	47.	-54.	12.8	73.	3.7	4.	.8	23350.	5.6	7839.	20.
445622	-999.	-999.	32780.	-0.	431.	188000.	26.	-105.	4.5	63.	2.5	3.	.7	18170.	2.1	6763.	15.
445623	-999.	-999.	50980.	-0.	632.	7069.	51.	-63.	8.6	80.	2.9	4.	1.1	23240.	4.9	12700.	27.
445624	-999.	-999.	43320.	-0.	3530.	5998.	44.	-79.	10.4	87.	-2.0	4.	1.3	24480.	4.3	9465.	22.
445625	-999.	-999.	39370.	-0.	398.	70710.	37.	-103.	11.4	68.	3.2	4.	1.0	19820.	2.6	-4020.	21.
445626	-999.	-999.	52620.	-0.	202.	31610.	52.	-75.	14.7	83.	3.7	4.	1.0	32460.	5.4	11680.	26.
445627	-999.	-999.	49780.	-0.	325.	48600.	59.	-74.	11.3	88.	3.8	4.	1.0	30690.	5.5	10320.	27.
445628	-999.	-999.	63870.	-0.	493.	37520.	65.	-83.	14.8	86.	5.0	5.	1.3	33210.	4.3	17800.	28.
445629	-999.	-999.	46810.	-0.	339.	32930.	46.	-115.	13.8	80.	3.6	3.	1.1	36750.	5.1	9807.	25.
445630	-999.	-999.	54120.	-0.	356.	13430.	56.	-70.	13.8	86.	3.7	4.	1.0	36140.	5.9	13970.	26.
445632	-999.	-999.	34470.	-0.	349.	30330.	37.	-74.	7.9	73.	3.1	3.	.7	17130.	4.6	8229.	19.
445634	-999.	-999.	42360.	-0.	272.	25480.	46.	98.	9.6	74.	2.5	5.	1.1	22860.	5.3	8533.	21.
445636	-999.	-999.	39080.	-0.	441.	2357.	33.	-64.	8.0	64.	1.8	3.	.7	20220.	2.6	5957.	19.
445637	-999.	-999.	65900.	-0.	488.	8596.	51.	-115.	9.1	85.	5.1	6.	1.5	25000.	4.3	13120.	29.
445638	-999.	-999.	36870.	-0.	-331.	12870.	36.	-170.	17.1	79.	4.3	2.	.9	41900.	5.0	-9252.	24.
445639	-999.	-999.	36860.	-0.	329.	9187.	33.	-79.	3.7	62.	3.5	3.	.7	28070.	4.4	9278.	18.
445641	-999.	-999.	41090.	-0.	393.	14760.	39.	-101.	3.4	66.	2.7	4.	.8	14910.	5.2	-5110.	21.
445667	-999.	-999.	41750.	-0.	500.	2291.	46.	-95.	14.3	88.	2.2	4.	1.0	22520.	6.2	9276.	19.
445668	-999.	-999.	45750.	-0.	461.	-728.	49.	-64.	7.2	91.	4.0	5.	1.4	21600.	5.5	11630.	25.
445669	-999.	-999.	30960.	-0.	367.	-436.	49.	-42.	2.3	74.	2.0	4.	.9	15490.	4.9	5922.	23.
445670	-999.	-999.	43340.	-0.	488.	-1168.	45.	-95.	14.5	69.	-2.5	5.	1.1	25070.	4.7	-3915.	21.
445671	-999.	-999.	52820.	-0.	470.	-1519.	49.	-106.	4.6	84.	3.8	5.	1.2	27080.	4.7	10930.	24.
445672	-999.	-999.	43230.	-0.	404.	2548.	47.	-86.	11.2	94.	2.5	5.	1.1	30630.	6.0	9314.	20.
445673	-999.	-999.	32980.	-0.	424.	9626.	32.	193.	-2.6	48.	-2.1	4.	1.0	19320.	3.3	9679.	15.
445674	-999.	-999.	45820.	-0.	504.	-1229.	43.	-85.	6.6	79.	2.5	5.	1.2	22110.	5.9	9853.	22.
445675	-999.	-999.	36080.	-0.	262.	2455.	44.	-65.	7.0	92.	1.6	4.	.8	22210.	7.5	8228.	23.
445676	-999.	-999.	54240.	-0.	686.	-861.	53.	-83.	14.7	91.	3.2	6.	1.2	29990.	4.4	11000.	26.
445677	-999.	-999.	25490.	-0.	412.	72830.	28.	142.	9.2	52.	-2.2	3.	-.4	16330.	2.0	-4295.	15.
445679	-999.	-999.	40750.	-0.	568.	9446.	29.	-122.	5.4	56.	-2.5	5.	.9	24690.	-1.5	-5337.	19.
445680	-999.	-999.	56640.	-0.	387.	8125.	63.	-68.	16.0	94.	5.1	5.	1.2	36480.	5.2	12830.	30.
445681	-999.	-999.	73240.	-0.	755.	31430.	66.	-78.	11.4	104.	6.8	6.	1.4	38620.	4.2	20760.	33.
445682	-999.	-999.	45070.	-0.	454.	4954.	39.	-56.	8.5	72.	2.8	4.	.8	25800.	4.7	9251.	23.
445683	-999.	-999.	39230.	-0.	-164.	135600.	35.	-111.	6.2	51.	3.3	3.	.8	20950.	1.9	9866.	16.
445684	-999.	-999.	59460.	-0.	460.	8646.	58.	-70.	12.0	99.	6.1	4.	1.4	29730.	5.4	16250.	34.
445685	-999.	-999.	43320.	-0.	491.	3481.	48.	-64.	6.0	70.	2.6	5.	1.0	27260.	4.6	8129.	22.
445686	-999.	-999.	10030.	-0.	-220.	213400.	-6.	-113.	2.1	14.	-1.6	-2.	-.4	7253.	-1.3	-4165.	-5.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445603	.2	8391.	717.	7388.	-59.	-3.	16.4	4.8	-364.	-2.	-1.	7.0	3869.	162.	4.3	-141.	2.257
445604	-.1	1916.	327.	1058.	-31.	-1.	2.7	.6	-236.	-1.	-1.	1.6	881.	26.	-1.1	128.	1.684
445605	-.1	4246.	315.	4305.	-52.	-2.	8.4	2.1	-300.	-2.	-1.	3.6	2658.	85.	-1.9	203.	1.715
445606	.2	6621.	302.	7864.	-31.	-1.	10.2	3.9	-199.	-1.	-1.	5.3	4011.	120.	2.4	-87.	1.949
445607	.3	4487.	484.	5185.	-50.	-2.	10.8	2.6	-281.	-2.	-1.	6.2	3537.	113.	-1.8	97.	2.088
445608	.3	6457.	937.	4007.	95.	-2.	16.2	5.6	-327.	-1.	-1.	11.2	5593.	155.	4.2	-61.	2.899
445609	.2	4955.	420.	3852.	-49.	-2.	11.8	3.4	-260.	-1.	-1.	7.1	4131.	114.	2.2	182.	2.381
445610	.3	5275.	1322.	4129.	76.	-1.	11.5	4.5	-352.	-1.	-1.	7.1	4342.	112.	2.8	95.	2.439
445611	.3	2622.	314.	3191.	-57.	-2.	12.4	4.2	-254.	-2.	-1.	7.1	3360.	109.	-2.0	219.	2.611
445612	.3	4573.	222.	3585.	62.	-2.	11.7	4.0	-238.	-1.	-1.	7.3	3883.	114.	-1.9	-60.	2.457
445617	.2	3963.	317.	2959.	-44.	-2.	11.4	3.4	-222.	-2.	-1.	7.7	4176.	108.	2.7	-67.	2.899
445618	.2	7149.	542.	3719.	-44.	-2.	12.8	4.4	-284.	-2.	-1.	7.6	4405.	123.	2.0	152.	2.247
445619	.3	4982.	399.	2840.	99.	-2.	16.3	5.1	-251.	-2.	-1.	9.6	4203.	150.	3.7	-65.	2.597
445620	.3	4737.	1172.	2582.	95.	-2.	13.4	4.6	-342.	-1.	-1.	9.8	4161.	127.	4.1	-104.	2.976
445621	.2	2325.	280.	2129.	-43.	-2.	9.3	2.9	-214.	-2.	-1.	6.2	3272.	90.	-1.4	90.	2.320
445622	.2	6924.	397.	3151.	-33.	-1.	7.1	2.7	333.	-1.	-1.	3.9	2223.	65.	1.5	65.	.944
445623	.3	4967.	193.	3698.	-34.	-2.	11.3	4.4	-177.	-1.	-1.	6.0	4079.	116.	2.9	164.	1.613
445624	.2	4799.	322.	5352.	-42.	-2.	9.3	3.0	-246.	-2.	-1.	5.3	3579.	123.	-1.4	171.	1.715
445625	.2	3470.	496.	3023.	-38.	-1.	9.4	3.7	-264.	-1.	-1.	6.1	2796.	86.	2.1	80.	2.179
445626	.3	7352.	445.	3366.	83.	-2.	11.5	4.3	-246.	-1.	-1.	7.4	3769.	103.	4.7	-51.	2.717
445627	.3	13680.	770.	2451.	98.	-1.	11.0	4.1	-280.	-1.	-1.	8.7	4725.	97.	2.9	-45.	2.950
445628	.3	8925.	720.	3237.	72.	-2.	13.4	4.3	-324.	-1.	-1.	8.9	5882.	124.	2.8	-62.	2.513
445629	.2	9275.	1910.	2857.	58.	-1.	10.4	4.2	-357.	-1.	-1.	7.2	3621.	105.	2.1	72.	2.833
445630	.3	5225.	608.	3412.	-42.	-2.	11.4	5.0	-253.	-1.	-1.	7.4	3996.	102.	1.2	-97.	2.597
445632	.1	5188.	257.	3164.	-42.	-2.	7.3	2.3	-238.	-2.	-1.	5.0	3395.	72.	2.0	119.	1.799
445634	.3	6119.	337.	3233.	-44.	-2.	9.5	4.5	-233.	-1.	-1.	6.9	3638.	85.	2.8	126.	2.364
445636	.2	4063.	164.	5320.	-37.	-1.	7.6	2.6	-179.	-1.	-1.	4.7	2971.	80.	2.3	84.	2.347
445637	.3	4489.	437.	3762.	112.	-2.	14.4	4.9	-312.	-2.	-1.	8.8	5289.	126.	3.3	150.	2.551
445638	.2	-3558.	3364.	2697.	-52.	-2.	9.1	3.2	-683.	-2.	-1.	6.8	2161.	87.	2.2	-64.	2.688
445639	.3	2947.	874.	2675.	-38.	-2.	8.3	2.8	-326.	-1.	-1.	5.4	3052.	75.	2.7	116.	1.818
445641	.2	3694.	921.	3370.	-35.	-1.	8.4	3.4	-320.	-1.	-1.	5.5	3223.	78.	2.2	123.	2.237
445667	.3	-1651.	431.	6031.	-34.	-1.	8.8	3.6	-235.	-1.	-1.	5.7	4024.	85.	2.8	-81.	2.475
445668	.3	4330.	118.	4223.	-42.	-2.	10.7	5.1	-166.	-1.	-1.	6.4	3725.	101.	2.6	-44.	2.604
445669	.2	2938.	78.	3052.	-22.	-1.	6.3	3.7	-110.	-1.	-1.	5.9	3274.	68.	2.0	-26.	3.125
445670	.3	4880.	329.	3975.	-57.	-2.	9.2	3.1	-305.	-2.	-1.	6.2	3845.	90.	2.9	131.	2.674
445671	.2	3485.	160.	4543.	-48.	-2.	11.3	3.7	-234.	-1.	-1.	6.5	3895.	112.	3.2	-73.	2.469
445672	.3	4674.	524.	5252.	-47.	-2.	10.1	4.3	-273.	-1.	-1.	7.9	4377.	89.	2.6	114.	3.003
445673	-.1	-1532.	348.	2267.	-44.	-2.	8.9	3.3	-264.	-1.	-1.	4.6	2422.	70.	3.4	287.	2.381
445674	.2	4504.	309.	4554.	-35.	-1.	10.1	4.4	-222.	-1.	-1.	6.6	3947.	91.	3.5	149.	2.653
445675	.2	3190.	210.	5192.	-32.	-1.	7.6	3.5	-171.	-1.	1.	6.5	3784.	75.	2.7	-36.	2.695
445676	.3	4584.	486.	4577.	-45.	-2.	12.8	4.5	-288.	-1.	-1.	7.2	4170.	118.	3.2	-96.	2.110
445677	.1	3307.	547.	1769.	-52.	-2.	7.0	2.3	-354.	-2.	-1.	3.8	1930.	94.	-2.1	-76.	2.137
445679	-.1	-2374.	392.	2656.	-58.	-2.	8.9	2.9	-375.	-3.	-1.	4.7	2795.	76.	[illegible]	-68.	2.070
445680	.4	5459.	510.	3924.	-40.	-2.	13.9	5.1	-226.	-1.	-1.	8.2	4108.	121.	[illegible]	-118.	2.717
445681	.3	7589.	344.	3638.	98.	-2.	16.6	4.8	-249.	-1.	-2.	9.5	4911.	171.	[illegible]	-60.	2.494
445682	.2	3544.	277.	3301.	-36.	-2.	10.0	3.4	-187.	-1.	-1.	6.0	4455.	96.	[illegible]	-89.	2.028
445683	.3	4327.	491.	2308.	-37.	-1.	8.3	3.1	-276.	-1.	-1.	5.2	2819.	75.	2.0	-96.	2.625
445684	.3	5630.	287.	4084.	-43.	-2.	14.1	4.7	-210.	-1.	-1.	8.4	4045.	118.	3.6	-66.	2.639
445685	.2	3887.	275.	4057.	15.	-2.	9.9	3.4	-201.	-1.	-1.	6.6	4033.	101.	2.2	-44.	2.519
445686	-.1	-1773.	525.	1045.	-43.	-2.	2.4	.8	-343.	-2.	-1.	1.5	-858.	23.	-1.5	97.	1.136

SAMPLE NO.	LAT.	LONG.	PH.	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	MOLYBDENUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
445687	68.7381	149.9864	9.	59.	-999.	3.77	-5.	-5.	-5.	42.	-20.	33.	20.	-10.	-15.
445688	68.7458	149.9439	8.	24.	-999.	3.04	-5.	-5.	-5.	39.	-20.	41.	9.	-10.	-15.
445691	68.8794	149.9500	8.	10.	-999.	3.34	-5.	-5.	-5.	36.	-20.	40.	12.	-10.	26.
445692	68.8750	149.9294	8.	8.	-999.	3.08	-5.	-5.	-5.	37.	-20.	33.	16.	-10.	-15.
445693	68.9225	149.7636	8.	7.	-999.	2.93	-5.	-5.	-5.	25.	-20.	42.	13.	-10.	16.
445694	68.9708	149.7964	8.	13.	-999.	2.70	-5.	-5.	-5.	16.	-20.	17.	-5.	-10.	-15.
445695	68.9936	149.7903	7.	11.	-999.	1.81	-5.	-5.	-5.	29.	-20.	30.	-5.	-10.	-15.
445696	68.9739	149.9111	7.	12.	-999.	2.58	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445697	68.9353	149.8017	8.	9.	-999.	2.83	-5.	7.	-5.	22.	-20.	31.	8.	-10.	-15.
445698	68.8456	149.7772	7.	11.	-999.	2.43	-5.	-5.	-5.	43.	-20.	50.	9.	-10.	-15.
445699	68.8281	149.7486	7.	21.	-999.	2.37	-5.	-5.	-5.	35.	-20.	31.	7.	-10.	-15.
445700	68.8056	149.7769	7.	7.	-999.	2.83	-5.	-5.	-5.	50.	-20.	57.	8.	-10.	-15.
445801	68.8083	149.8314	7.	8.	-999.	2.40	-5.	-5.	-5.	32.	-20.	50.	-5.	-10.	-15.
445802	68.7761	149.8261	7.	5.	-999.	2.56	-5.	-5.	-5.	27.	-20.	33.	7.	-10.	-15.
445803	68.7308	149.8194	7.	7.	-999.	3.75	-5.	5.	-5.	36.	-20.	73.	15.	-10.	-15.
445804	68.6353	149.7341	8.	103.	-999.	2.23	-5.	-5.	-5.	27.	-20.	33.	-5.	-10.	15.
445805	68.7017	149.3236	8.	6.	-999.	2.34	-5.	5.	-5.	29.	-20.	18.	6.	-10.	-15.
445806	68.7367	149.3333	7.	7.	-999.	2.23	-5.	-5.	-5.	36.	-20.	47.	8.	-10.	25.
445807	68.7572	149.2961	7.	15.	-999.	2.90	-5.	-5.	-5.	37.	-20.	60.	12.	-10.	19.
445808	68.7964	149.0489	7.	13.	-999.	2.84	-5.	-5.	-5.	47.	-20.	50.	13.	-10.	-15.
445901	68.8953	148.6506	8.	63.	-999.	3.19	-5.	-5.	-5.	32.	-20.	48.	7.	-10.	-15.
445902	68.8808	148.8644	8.	42.	-999.	2.58	-5.	-5.	-5.	27.	-20.	21.	-5.	-10.	-15.
445903	68.8842	148.7258	8.	113.	-999.	2.91	-5.	-5.	-5.	21.	-20.	21.	-5.	-10.	-15.
445904	68.8947	148.7317	8.	69.	-999.	1.70	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445905	68.7583	148.5322	7.	81.	-999.	2.53	-5.	-5.	-5.	14.	-20.	-15.	-5.	-10.	-15.
445906	68.7844	148.5256	7.	230.	-999.	1.59	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445907	68.8006	148.4789	8.	127.	-999.	2.51	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.
445908	68.8175	148.4956	8.	161.	-999.	1.66	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445909	68.8411	148.4889	8.	93.	-999.	3.48	-5.	-5.	-5.	42.	-20.	33.	11.	-10.	-15.
445910	68.8578	148.4650	8.	102.	-999.	1.17	-5.	-5.	-5.	15.	-20.	-15.	-5.	-10.	-15.
445911	68.8861	148.4350	9.	58.	-999.	1.40	-5.	-5.	-5.	11.	-20.	-15.	14.	-10.	-15.
445912	68.8964	148.4442	8.	69.	-999.	3.04	-5.	-5.	-5.	19.	-20.	24.	-5.	-10.	-15.
445913	68.8975	148.5003	8.	15.	-999.	2.95	-5.	-5.	-5.	32.	-20.	21.	-5.	-10.	-15.
445914	68.8492	148.5897	8.	11.	-999.	2.72	-5.	-5.	-5.	28.	-20.	27.	6.	-10.	-15.
445915	68.8358	148.5839	8.	50.	-999.	3.06	-5.	-5.	-5.	31.	-20.	24.	9.	-10.	-15.
445916	68.8283	148.5383	8.	108.	-999.	2.45	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
445917	68.8083	148.5956	8.	172.	-999.	1.53	-5.	-5.	-5.	-13.	-20.	-15.	-5.	[illegible]	-15.
445918	68.7914	148.5947	9.	58.	-999.	1.87	-5.	-5.	-5.	13.	-20.	-15.	-5.	-10.	-15.
445919	68.7683	148.5831	8.	95.	-999.	1.49	-5.	-5.	-5.	10.	-20.	-15.	-5.	-10.	-15.
445920	68.7547	148.5917	8.	47.	-999.	1.24	-5.	-5.	-5.	-10.	-20.	-15.	-5.	-10.	-15.

SAMPLE NO.	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM
445687	-999.	-999.	59760.	-0.	509.	7767.	51.	-79.	11.0	93.	3.6	5.	1.4	22510.	5.1	14140.	30.
445688	-999.	-999.	70530.	-0.	563.	-842.	57.	-89.	13.4	111.	6.1	6.	1.5	36730.	5.1	14650.	35.
445691	-999.	-999.	64160.	-0.	700.	-879.	57.	-89.	14.6	89.	4.3	6.	1.5	23870.	4.5	12980.	33.
445692	-999.	-999.	65650.	-0.	797.	3535.	69.	-103.	12.4	92.	4.2	6.	1.4	25920.	5.5	12920.	31.
445693	-999.	-999.	51260.	-0.	515.	3729.	59.	-84.	11.0	87.	2.7	[illegible]	1.2	26730.	6.6	10990.	25.
445694	-999.	-999.	45640.	-0.	579.	-696.	44.	-68.	-.4	83.	3.9	4.	.9	12220.	6.2	9426.	23.
445695	-999.	-999.	39810.	-0.	585.	-1437.	33.	-106.	11.3	63.	-2.9	5.	1.3	23120.	3.1	6308.	18.
445696	-999.	-999.	47810.	-0.	513.	4204.	50.	-102.	11.9	73.	3.0	5.	1.2	27650.	4.4	9284.	25.
445697	-999.	-999.	45980.	-0.	-175.	-1015.	51.	-90.	21.2	95.	4.7	5.	1.2	35690.	8.3	9842.	24.
445698	-999.	-999.	46560.	-0.	463.	14000.	50.	-73.	17.7	85.	2.9	5.	1.2	35850.	4.2	10410.	22.
445699	-999.	-999.	37030.	-0.	526.	6004.	36.	-90.	8.7	64.	-2.6	4.	1.1	15380.	4.7	5649.	21.
445700	-999.	-999.	55810.	-0.	663.	-1978.	52.	-129.	19.0	83.	-2.5	7.	1.7	25060.	5.0	12950.	27.
445801	-999.	-999.	44390.	-0.	551.	5325.	52.	-86.	14.9	86.	3.3	5.	1.2	35430.	4.3	8440.	24.
445802	-999.	-999.	45370.	-0.	394.	-922.	43.	-77.	11.9	76.	2.3	4.	.9	20540.	4.8	8501.	22.
445803	-999.	-999.	89250.	-0.	941.	-1585.	68.	-127.	16.7	132.	5.5	7.	1.8	44430.	4.4	19440.	38.
445804	-999.	-999.	33040.	-0.	374.	129600.	24.	310.	6.3	57.	3.3	2.	.5	21990.	-1.5	6016.	16.
445805	-999.	-999.	37250.	-0.	306.	-902.	47.	76.	-.1	90.	-2.2	5.	1.2	26860.	4.8	6953.	20.
445806	-999.	-999.	39650.	-0.	678.	-1810.	35.	-116.	17.7	55.	-3.1	4.	1.1	20700.	3.3	-5500.	16.
445807	-999.	-999.	62400.	-0.	697.	-1437.	54.	-109.	21.8	83.	4.7	5.	1.4	39170.	5.5	17290.	26.
445808	-999.	-999.	54820.	-0.	495.	-933.	55.	-83.	9.2	95.	3.0	5.	1.4	25350.	6.3	11800.	28.
445901	-999.	-999.	53650.	0.	450.	32040.	50.	-87.	13.7	92.	3.8	4.	1.1	33070.	6.3	12540.	25.
445902	-999.	-999.	43430.	-0.	350.	10980.	45.	-72.	9.7	76.	2.7	4.	1.0	23830.	6.5	10440.	23.
445903	-999.	-999.	25680.	-0.	432.	34550.	28.	-87.	-3.1	46.	-1.9	3.	.6	27000.	1.6	4856.	13.
445904	-999.	-999.	12610.	-0.	-166.	34760.	-6.	-68.	4.6	23.	-1.8	1.	-.4	8650.	-1.3	-2469.	-3.
445905	-999.	-999.	14340.	-0.	-123.	270700.	-4.	-99.	-.1	32.	1.3	1.	-.2	4614.	-.8	-2602.	8.
445906	-999.	-999.	15710.	-0.	140.	253700.	18.	-77.	1.9	34.	-1.3	1.	-.2	12920.	-.9	-2295.	9.
445907	-999.	-999.	19030.	-0.	292.	85950.	17.	-91.	-.1	39.	-1.5	2.	.5	14850.	1.3	-4854.	12.
445908	-999.	-999.	9345.	-0.	-187.	294400.	-6.	193.	3.0	-10.	-1.7	1.	-.4	6622.	-1.3	-3340.	-4.
445909	-999.	-999.	51170.	-0.	424.	19480.	50.	208.	8.9	78.	7.4	5.	1.1	27790.	3.1	11840.	24.
445910	-999.	-999.	6873.	-0.	-238.	296500.	-5.	200.	2.2	-9.	-1.5	-2.	-.3	17300.	-1.0	-6021.	3.
445911	-999.	-999.	5413.	-0.	-173.	29750.	-6.	-65.	-.1	-11.	-1.8	-1.	-.4	7561.	-1.3	-2365.	-3.
445912	-999.	-999.	48690.	-0.	557.	10990.	41.	-95.	13.7	85.	3.3	4.	.9	47250.	3.8	9729.	25.
445913	-999.	-999.	67340.	-0.	717.	4593.	53.	-91.	11.9	85.	5.3	5.	1.5	27500.	4.7	10890.	30.
445914	-999.	-999.	44070.	-0.	347.	42790.	38.	-83.	6.3	62.	3.6	4.	1.1	23190.	3.3	7241.	24.
445915	-999.	-999.	50750.	-0.	596.	12580.	58.	-71.	8.3	85.	3.1	5.	1.2	32640.	4.1	11630.	27.
445916	-999.	-999.	18120.	-0.	-183.	221200.	-6.	-101.	4.8	26.	-1.8	2.	.3	10350.	-1.2	-3179.	10.
445917	-999.	-999.	4912.	-0.	-129.	372200.	-3.	-113.	-.1	-6.	-.9	-1.	-.2	-30.	-.7	-2898.	-2.
445918	-999.	-999.	15250.	-0.	-116.	237200.	16.	-79.	3.1	26.	-1.3	1.	.4	14790.	1.7	4456.	12.
445919	-999.	-999.	9241.	-0.	164.	311400.	11.	-73.	-999.0	19.	-.9	1.	-.2	6235.	-.9	-1967.	6.
445920	-999.	-999.	6794.	-0.	-167.	309200.	-5.	-100.	-2.1	-8.	-1.3	-1.	-.3	5160.	-.9	-2918.	5.

SAMPLE NO.	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	U/TH RATIO
445687	.3	6294.	202.	4249.	-35.	-1.	12.9	5.0	-187.	-1.	-1.	8.4	4876.	119.	3.2	122.	2.227
445688	.4	7180.	200.	6276.	-54.	-2.	17.1	4.8	-228.	-2.	-1.	10.0	4761.	149.	4.2	-62.	3.289
445691	.3	6195.	374.	5276.	-52.	-2.	13.2	3.9	-290.	-2.	-1.	7.5	5156.	132.	3.2	-114.	2.247
445692	.4	5495.	336.	5540.	-42.	-2.	13.4	5.7	-250.	-1.	-1.	8.2	4546.	131.	3.3	-57.	2.660
445693	.3	4549.	319.	5777.	95.	-2.	11.9	4.8	-238.	-1.	-1.	8.5	3969.	111.	4.1	-111.	2.899
445694	.3	3349.	123.	5346.	72.	-1.	9.6	3.3	-167.	-1.	-1.	7.1	4657.	87.	3.8	99.	2.632
445695	.2	5062.	243.	3782.	-67.	-3.	7.9	2.9	-339.	-3.	-1.	6.3	3177.	79.	-2.4	194.	3.484
445696	.3	4651.	291.	4142.	-47.	-2.	11.0	4.2	-258.	-1.	-1.	7.7	3161.	107.	2.6	124.	2.985
445697	.4	4857.	943.	5257.	-44.	-2.	10.2	4.6	-331.	-1.	-1.	7.9	4165.	97.	2.9	109.	2.793
445698	.3	2507.	357.	3052.	68.	-2.	11.5	4.6	-246.	-1.	-1.	8.3	3743.	93.	2.2	134.	3.413
445699	-.1	3098.	204.	3080.	-59.	-2.	8.7	2.6	-204.	-2.	-1.	4.8	2629.	73.	2.3	-71.	2.024
445700	.4	5529.	945.	3915.	-53.	-2.	14.0	6.1	-416.	-2.	-1.	7.7	4273.	104.	3.5	120.	2.717
445801	.4	-1940.	737.	2884.	-53.	-2.	12.4	4.8	-355.	-2.	-1.	7.1	3585.	94.	3.2	177.	2.959
445802	.2	3854.	176.	4053.	-45.	-2.	9.5	3.5	-218.	-1.	1.	6.6	4145.	91.	3.0	-49.	2.577
445803	.4	9823.	516.	6844.	144.	-2.	19.4	6.4	-317.	-2.	-1.	9.0	5706.	198.	3.1	142.	2.398
445804	-.1	3839.	540.	2097.	-52.	-2.	8.2	2.6	-327.	-2.	-1.	4.7	1795.	73.	-1.7	-63.	2.110
445805	.4	3448.	117.	3554.	-50.	-2.	9.7	4.1	-208.	-1.	-1.	8.0	3980.	85.	3.9	-68.	3.425
445806	-.1	-2369.	624.	3397.	-65.	-2.	8.8	2.9	-452.	-2.	-1.	4.8	2697.	82.	-2.0	234.	2.151
445807	.3	5815.	1029.	4460.	75.	-1.	13.5	5.2	-371.	-2.	-1.	6.9	4885.	131.	3.8	132.	2.381
445808	.3	4790.	224.	3992.	-54.	-2.	12.7	5.2	-245.	-2.	-1.	8.8	3658.	111.	3.0	-94.	3.096
445901	.3	6469.	950.	4305.	74.	1.	11.3	4.6	-254.	-1.	-1.	7.4	3947.	116.	2.6	102.	2.320
445902	.3	4096.	243.	4389.	-39.	-1.	10.1	4.1	-191.	-1.	-1.	6.9	3514.	101.	2.6	109.	2.674
445903	.1	-1741.	719.	2039.	-44.	-1.	6.7	2.0	-337.	-2.	-1.	4.0	2378.	54.	1.4	266.	1.376
445904	-.1	2946.	160.	988.	-44.	-1.	3.1	.7	-222.	-2.	-1.	-0.2	938.	26.	-1.3	-59.	-999.000
445905	-.1	3885.	70.	588.	-30.	-1.	2.8	.9	1081.	-1.	-1.	1.2	814.	31.	-.8	80.	.474
445906	.1	5492.	199.	1090.	-27.	-1.	3.7	1.1	387.	-1.	-1.	1.9	733.	36.	-.9	7[illegible]	1.195
445907	.1	6452.	1061.	1450.	-35.	-1.	4.5	2.3	-376.	-1.	-1.	2.6	1250.	51.	1.8	259.	1.036
445908	-.1	1446.	245.	796.	-43.	-1.	2.1	.8	-270.	-1.	-1.	1.5	1314.	19.	-1.2	-64.	.903
445909	.3	6768.	592.	2934.	74.	-1.	11.6	4.0	-295.	-1.	-1.	7.5	3457.	92.	2.1	147.	2.155
445910	-.1	-2192.	1485.	503.	-38.	-1.	1.4	.8	-463.	-1.	-1.	-1.0	-1121.	-12.	-1.1	65.	-999.000
445911	-.1	-1259.	101.	480.	-41.	-1.	1.5	.4	-215.	-2.	-1.	-1.2	-565.	11.	-1.3	-49.	-999.000
445912	.2	5369.	1160.	4186.	-52.	-2.	10.9	3.0	-408.	-2.	-1.	6.6	3892.	114.	2.5	172.	2.15[illegible]
445913	.3	5429.	246.	4877.	-41.	-1.	13.5	5.2	-214.	-1.	-1.	8.5	4094.	141.	2.4	201.	2.832
445914	-.1	3380.	319.	3086.	-50.	-2.	10.5	4.0	-258.	-2.	-1.	5.6	3250.	91.	2.5	195.	2.058
445915	.3	4733.	287.	4201.	61.	-1.	12.2	5.1	-206.	-1.	-1.	7.8	4245.	111.	2.7	119.	2.551
445916	-.1	3187.	243.	1344.	-39.	-1.	3.9	1.0	-257.	-2.	-1.	1.9	1156.	35.	-1.3	207.	.776
445917	*****	-1276.	165.	222.	-27.	-1.	.9	.4	-191.	-1.	-999.	-.6	-488.	-6.	-.6	-35.	-999.000
445918	.1	6536.	400.	919.	-28.	-1.	3.7	1.8	350.	-1.	-1.	2.2	1034.	42.	-.8	49.	1.176
445919	*****	3580.	112.	532.	-22.	-1.	2.3	.8	670.	-1.	-999.	1.3	490.	27.	-.7	-32.	.873
445920	-.1	-1289.	251.	424.	-34.	-1.	1.4	-.3	-236.	-1.	-1.	-.9	-609.	11.	-1.0	-45.	-999.000

END