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National Uranium Resource Evaluation

**URANIUM HYDROGEOCHEMICAL AND
STREAM SEDIMENT RECONNAISSANCE OF THE
BETTLES NTMS QUADRANGLE, ALASKA**

Data Compiled by

Bendix Field Engineering Corporation
Grand Junction, Colorado

Data Collection and Chemical Analysis by

Los Alamos National Laboratory
Los Alamos, New Mexico

February 1982

PREPARED FOR THE U.S. DEPARTMENT OF ENERGY
Assistant Secretary for Nuclear Energy
Grand Junction Area Office, Colorado

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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.

URANIUM HYDROGEOCHEMICAL AND STREAM-SEDIMENT RECONNAISSANCE
OF THE
BETTLES NTMS QUADRANGLE, ALASKA

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INTRODUCTION

This report presents results of a Hydrogeochemical and Stream Sediment Reconnaissance (HSSR) of the Bettles NTMS quadrangle, Alaska. In addition to this abbreviated data release, more complete data are available to the public in machine-readable form. These machine-readable data, as well as quarterly or semiannual program progress reports containing further information on the HSSR program in general, or on the Los Alamos National Laboratory (LANL) portion of the program in particular, are available from DOE's Technical Library at its Grand Junction Area Office. Inquiries should be directed to:

Technical Library
Bendix Field Engineering Corporation
P.O. Box 1569
Grand Junction, CO 81502-1569
(303) 242-8621, Ext. 279

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 have been subdivided by one of the Los Alamos National Laboratory 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 1:1,000,000 scale maps of pertinent elements have been included in this report. Also included are maps showing results of multivariate statistical analyses.

The Bettles NTMS quadrangle hydrogeochemical reconnaissance was performed by the Los Alamos National Laboratory, under contract to the Grand Junction Area Office of the United States Department of Energy (DOE), as part of the National Uranium Resource Evaluation (NURE) program. Los Alamos National Laboratory was responsible for conducting the HSSR program in the states of New Mexico, Colorado, Wyoming, Montana, and Alaska. This data release was prepared by Bendix Field Engineering Corporation in order to make the data available to members of the public wishing to use the information but having no access to computing facilities.

Information on the field and analytical procedures used by the Los Alamos National Laboratory during sample collection and analysis may be found in any HSSR data release prepared by the Laboratory (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 (NADDL), 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 Area Office as GJBX-198(81).

BETTLES STREAM SEDIMENT

Table 1. Population Statistics for Stream Sediment Data

VAR					FOR TOTAL ANALYSES:				FOR ABOVE DETECTION LIMIT ANALYSES:				MAXIMUM	MIN(ADL)	DET.LIM.
	TOTAL	NADL	NROD	MISS	MEAN	STD.DEV.	SKEWNESS	KURTOSIS	MEAN	STD.DEV.	SKEWNESS	KURTOSIS			
1 PH	298	298	0	0	5.98	.77	.52	4.33	5.98	.77	.53	4.33	10.00	4.10	99999.00
2 MU	297	297	0	1	18.76	45.27	13.43	206.01	18.76	45.27	13.43	206.01	729.00	1.00	99999.00
3 UR	298	298	0	10	11.02	8.63	2.11	7.83	11.02	8.63	2.11	7.83	46.00	1.00	99999.00
4 U	298	298	0	0	9.51	20.47	10.29	140.65	9.51	20.47	10.29	140.65	301.60	.20	99999.00
5 AG	279	1	278	19	2.51	.21	16.61	277.00	6.00	0.00	0.00	0.00	6.00	6.00	5.00
6 BT	279	105	174	19	4.76	3.78	2.09	7.58	8.50	3.93	1.52	4.91	23.00	5.00	5.00
7 CD	279	3	276	19	2.53	.30	9.91	102.00	5.33	.47	.71	1.50	6.00	5.00	5.00
8 CU	279	258	21	19	27.14	19.13	3.66	26.56	26.94	18.78	4.03	29.17	188.00	10.00	10.00
9 NB	279	0	279	19	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	20.00
10 NI	279	238	41	19	38.84	111.53	14.92	238.14	44.24	119.93	13.94	206.26	1829.00	15.00	15.00
11 PB	279	230	49	19	11.88	8.88	1.88	8.20	13.87	8.54	2.13	8.99	61.00	5.00	5.00
12 SM	279	16	263	19	6.19	5.78	5.62	35.70	25.81	13.19	.50	1.76	50.00	10.00	10.00
13 W	279	49	230	19	10.37	7.44	3.48	18.63	23.84	9.77	2.14	8.91	67.00	15.00	15.00
14 AS	279	247	32	19	16.04	14.42	2.25	9.50	17.80	14.42	2.28	9.42	93.00	5.00	5.00
15 SE	279	0	279	19	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.50	5.00
16 ZR	279	279	0	19	278.63	225.01	2.98	13.96	278.63	225.01	2.98	11.96	1717.00	8.00	99999.00
17 MD	0	0	0	298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
18 BE	0	0	0	298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
19 LI	0	0	0	298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
20 AL	298	296	2	0	64522.03	11052.06	-2.51	13.52	64954.62	9751.36	-1.90	10.22	81100.00	7178.00	89.00
21 AU	298	2	296	0	.05	.03	10.29	142.05	.27	.16	0.00	1.00	.43	.11	-10
22 BA	298	282	16	0	727.94	241.74	-.32	4.14	762.32	198.96	.50	3.91	1560.00	251.00	201.00
23 CA	298	272	26	0	12153.29	8127.87	.97	3.89	13256.53	7643.00	1.17	4.15	40640.00	3126.00	1688.00
24 CE	298	297	1	0	124.15	81.16	2.00	7.38	124.55	81.02	2.02	7.41	496.00	11.00	9.00
25 CL	298	14	284	0	61.43	36.92	3.77	18.44	209.86	41.13	.20	1.78	284.00	147.00	85.00
26 CD	298	295	3	0	19.78	14.12	6.53	69.29	19.96	14.06	6.65	70.65	185.80	5.70	2.90
27 CR	298	296	2	0	120.84	207.40	13.17	202.40	121.59	207.89	13.16	201.64	3368.00	27.00	22.00
28 CS	298	255	43	0	5.90	5.21	4.51	34.60	6.70	5.23	4.89	36.94	53.40	1.70	2.20
29 DY	297	293	4	1	7.36	3.93	2.05	7.76	7.45	3.88	2.14	7.95	25.00	1.00	1.00
30 EU	298	292	6	0	1.54	.55	1.64	8.84	1.57	.53	2.13	9.82	4.10	.40	.30
31 FE	298	298	0	0	41757.55	14608.93	1.91	9.32	41757.55	14608.93	1.91	9.32	122000.00	11350.00	99999.00
32 HF	298	289	9	0	11.52	9.88	2.62	11.92	11.86	9.85	2.67	12.03	72.50	2.80	1.90
33 K	298	269	29	0	12520.16	4750.83	-.22	3.15	13554.22	3720.15	.59	2.90	25020.00	6187.00	10910.00
34 LA	298	285	13	0	54.17	36.55	2.00	7.98	56.33	35.90	2.14	8.29	253.00	20.00	9.00
35 LU	298	286	12	0	.57	.40	2.55	10.25	.59	.40	2.67	10.50	2.40	.20	.20
36 MG	298	279	19	0	9634.39	10321.57	13.44	213.27	10197.66	10430.28	13.79	215.43	173500.00	3157.00	2682.00
37 PH	297	297	0	1	888.58	786.62	4.21	26.66	888.58	786.62	4.21	26.66	7049.00	156.00	99999.00
38 NA	296	297	1	0	11815.65	4688.34	.29	3.05	11855.42	4645.77	.33	3.02	27740.00	144.00	7.00
39 RB	298	110	188	0	51.66	50.91	1.98	7.07	104.68	50.30	1.67	4.92	262.00	36.00	60.00
40 SB	298	1	297	0	1.49	.89	11.85	176.63	15.00	0.00	0.00	0.00	15.00	15.00	3.00
41 SC	298	298	0	0	14.77	4.19	.36	3.58	14.77	4.19	.36	3.58	28.60	.50	99999.00
42 SM	298	292	6	0	9.79	7.42	2.01	6.79	9.98	7.38	2.06	6.83	42.00	1.50	1.00
43 SR	297	9	288	1	166.01	89.25	3.67	20.29	547.33	136.35	.44	2.44	814.00	338.00	201.00
44 TA	298	21	277	0	1.20	1.13	4.35	27.24	4.76	1.50	1.79	7.46	11.00	2.00	1.00
45 TB	293	22	271	5	.57	.28	4.44	22.43	1.41	.49	.37	1.14	2.00	1.00	1.00
46 TH	298	296	2	0	22.90	26.96	2.70	10.63	23.05	26.99	2.70	10.59	178.80	1.70	1.50
47 TI	288	288	0	10	5061.51	1448.38	1.48	10.02	5061.51	1448.38	1.48	10.02	14390.00	1857.00	99999.00
48 V	298	296	2	0	130.09	42.41	.16	3.51	130.95	41.26	.31	3.32	263.00	23.00	1.00
49 YB	298	260	38	0	5.54	4.15	2.18	8.67	6.29	4.05	2.39	9.02	23.60	2.00	2.50
50 ZN	298	139	159	0	82.08	62.40	.93	2.95	136.81	49.48	.65	2.81	279.00	53.00	114.00
51 IU	296	296	0	2	3.23	4.07	15.88	266.01	3.23	4.07	15.88	266.01	71.43	.12	99999.00

NUMBER OF SAMPLES = 298

NETTLES LAKE SEDIMENT Table 2. Population Statistics for Lake Sediment Data

VAR	TOTAL ANALYSES				FOR ABOVE DETECTION LIMIT ANALYSES				FOR ABOVE DETECTION LIMIT ANALYSES				MAXIMUM	MINIMUM	DET. LIM.
	TOTAL	NADL	NADL	MISS	MEAN	STD.DEV.	SKEWNESS	KURTOSIS	MEAN	STD.DEV.	SKEWNESS	KURTOSIS			
1 PH	600	600	0	0	6.21	.82	-.57	3.31	6.21	.82	-.57	3.31	8.20	3.80	99999.00
2 MU	593	593	0	7	36.07	52.83	4.42	31.13	36.07	52.83	4.42	31.13	536.00	1.00	99999.00
3 UR	1	1	0	599	9.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	9.00	9.00	99999.00
4 U	600	600	0	0	3.52	3.43	6.97	64.88	3.52	3.43	6.97	64.88	42.37	.22	99999.00
5 AG	590	1	589	10	2.50	.10	24.23	588.00	5.03	0.00	0.00	0.00	5.00	5.00	9.00
6 BT	590	131	459	10	3.31	1.69	2.25	8.18	6.16	1.56	1.79	6.19	12.00	5.00	5.00
7 CD	590	2	588	10	2.52	.36	21.93	501.67	8.00	3.00	0.00	1.00	11.00	5.00	5.00
8 CU	590	545	5	10	39.07	14.96	1.16	6.62	39.36	14.69	1.28	6.83	136.00	10.00	10.00
9 NB	590	0	590	10	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	20.00
10 NI	590	535	55	10	33.83	18.16	2.74	15.42	36.53	16.89	2.98	20.08	188.00	15.00	15.00
11 PB	590	441	149	10	7.87	4.51	.88	4.28	9.69	3.77	1.43	6.18	29.00	5.00	5.00
12 SM	590	3	587	10	5.06	.84	14.41	212.06	16.67	1.89	-.71	1.50	18.00	14.00	10.00
13 W	590	22	568	10	8.17	5.59	17.65	371.98	25.45	22.96	4.14	16.81	129.00	15.00	15.00
14 AS	590	529	61	10	13.40	23.35	16.99	354.27	14.66	24.35	16.57	330.79	512.00	5.00	5.00
15 SE	590	1	589	10	2.54	.97	24.23	588.00	26.00	0.00	0.00	0.00	26.00	26.00	3.00
16 ZR	590	590	0	10	135.14	55.93	.59	9.34	135.14	55.93	.59	9.34	534.00	16.00	99999.00
17 MN	0	0	0	600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
18 RE	0	0	0	600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
19 LI	0	0	0	600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
20 AL	600	597	3	0	58645.29	20470.42	-.99	3.83	58936.82	20103.37	-.97	3.85	113900.00	3227.00	1817.00
21 AU	600	0	600	0	.07	.03	3.11	16.82	0.00	0.00	0.00	0.00	.07	.07	.12
22 HA	600	545	55	0	763.48	291.51	-.66	3.68	830.21	211.81	.21	3.93	1878.00	171.00	357.00
23 CA	600	488	112	0	8421.55	5252.14	1.04	8.77	10185.84	4149.59	2.72	19.22	46900.00	3225.00	1053.00
24 CE	600	563	37	0	69.39	29.02	1.06	12.12	73.58	24.76	2.42	19.66	287.00	15.00	11.00
25 CL	600	75	525	0	84.09	90.11	2.76	9.50	306.73	89.43	.05	2.11	499.00	134.00	115.00
26 CN	600	555	45	0	16.26	7.47	.77	7.04	17.45	6.43	1.72	10.15	62.20	3.70	3.00
27 CR	600	552	48	0	89.98	43.64	3.59	46.29	96.98	38.18	6.09	79.54	640.00	24.00	20.00
28 CS	600	383	217	0	3.80	2.77	4.16	47.66	5.22	2.53	7.26	88.53	38.90	1.80	3.10
29 DT	600	566	34	0	5.21	1.77	-.48	5.93	5.48	1.41	-.45	8.29	15.00	1.00	1.00
30 EU	600	526	74	0	1.22	.43	-1.11	3.88	1.35	.25	-.08	5.55	2.70	.30	.50
31 FE	600	579	21	0	34034.00	16998.30	2.25	19.82	35232.51	16074.09	2.84	24.16	179600.00	3155.00	2831.00
32 HF	600	482	118	0	4.58	2.29	.78	11.42	5.48	1.57	4.31	45.95	23.50	2.10	2.00
33 K	600	492	108	0	11172.06	5527.43	-.03	3.61	13209.89	3757.20	1.43	7.32	34230.00	5619.00	7192.00
34 LA	600	456	144	0	29.95	16.97	2.22	21.31	36.74	13.28	5.98	58.15	187.00	14.00	15.00
35 LU	600	480	120	0	.33	.15	.12	4.40	.34	.10	1.81	11.59	1.10	.20	.20
36 MG	600	517	83	0	8606.20	3698.43	-.46	2.85	9134.10	2582.13	.29	3.37	18490.00	2511.00	3252.00
37 MN	600	600	0	0	444.52	249.37	2.69	16.90	444.52	249.37	2.69	16.90	2580.00	38.00	99999.00
38 NA	600	600	0	0	8577.55	3442.10	-.92	2.90	8577.55	3442.10	-.92	2.90	17440.00	327.00	99999.00
39 PB	600	108	492	0	35.19	27.50	2.23	7.86	88.61	24.45	-.31	6.49	199.00	43.00	37.00
40 SB	600	1	599	0	1.89	.69	2.72	13.20	4.00	0.00	0.00	0.00	4.30	4.00	3.00
41 SC	600	599	1	0	13.84	4.92	-.60	3.71	13.86	4.86	-.59	3.70	30.30	.70	.20
42 SP	600	537	63	0	5.24	2.56	3.07	39.66	5.76	2.17	5.92	77.71	36.40	1.70	1.40
43 SR	600	0	600	0	141.02	32.22	2.59	21.41	0.00	0.00	0.00	0.00	141.02	141.02	291.00
44 TA	600	1	599	0	1.13	.45	2.05	14.59	4.00	0.00	0.00	0.00	4.00	4.00	1.00
45 TB	596	3	593	4	.50	.05	10.78	117.21	1.00	0.00	0.00	0.00	1.00	1.00	1.00
46 TH	600	558	42	0	10.12	7.07	5.84	56.32	10.80	6.87	6.72	65.04	89.50	2.50	2.20
47 TI	543	543	0	57	4437.46	1121.50	-.92	3.91	4437.46	1121.50	-.92	3.91	7732.00	797.00	99999.00
48 V	600	581	19	0	124.76	46.68	-.62	3.69	128.72	41.88	-.38	3.67	260.00	19.00	8.00
49 YB	600	321	279	0	2.88	1.72	.92	4.62	4.23	1.20	2.34	12.93	12.10	2.40	3.40
50 ZN	600	199	401	0	76.35	62.00	1.86	8.11	146.02	60.02	1.81	8.98	483.00	56.00	50.00
51 TU	598	598	0	42	3.16	.65	-.57	5.44	3.16	.65	-.57	5.44	5.85	.27	99999.00

NUMBER OF SAMPLES • 600

BETTLES STREAM SEDIMENT

Figure 1. Uranium versus Thorium, Stream Sediments

BETTLES LAKE SEDIMENT

Figure 2. Uranium versus Thorium, Lake Sediments

BETTLES STREAM SEDIMENT - VANADIUM (PPM)

Figure 3. Vanadium (ppm) in Stream Sediments

BETTLES STREAM SEDIMENT - COPPER (PPM)

Figure 4. Copper (ppm) in Stream Sediments

BETTLES LAKE SEDIMENT - VANADIUM (PPM)

Figure 5. Vanadium (ppm) in Lake Sediments

BETTLES LAKE SEDIMENT - COPPER (PPM)

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 are 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

VAR	# MISSING	%	# BDL	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	5.98	.77
2 MU	1	.34	0	0.00	18.76	45.27
3 UR	10	3.36	0	0.00	11.02	9.63
4 U	0	0.00	0	0.00	9.51	20.47
5 AG	19	6.38	278	93.29	2.51	.21
6 BI	19	6.38	174	58.39	4.76	3.78
7 CD	19	6.38	276	92.62	2.53	.30
8 CU	19	6.38	21	7.05	27.14	19.13
9 NB	19	6.38	279	93.62	10.00	0.00
10 NI	19	6.38	41	13.76	38.84	111.53
11 PB	19	6.38	49	16.44	11.88	8.88
12 SN	19	6.38	263	88.26	6.19	5.78
13 W	19	6.38	230	77.18	10.37	7.44
14 AS	19	6.38	32	10.74	16.04	14.42
15 SE	19	6.38	279	93.62	2.50	0.00
16 ZR	19	6.38	0	0.00	278.63	225.01
17 MO	298	100.00	0	0.00	0.00	0.00
18 BE	298	100.00	0	0.00	0.00	0.00
19 LI	298	100.00	0	0.00	0.00	0.00
20 AL	0	0.00	2	.67	64522.03	11052.06
21 AU	0	0.00	296	99.33	.05	.03
22 BA	0	0.00	16	5.37	707.94	241.74
23 CA	0	0.00	26	8.72	12153.29	8127.87
24 CE	0	0.00	1	.34	124.15	81.18
25 CL	0	0.00	284	95.30	61.45	36.92
26 CO	0	0.00	3	1.01	19.78	14.12
27 CR	0	0.00	2	.67	120.84	207.40
28 CS	0	0.00	43	14.43	5.40	5.21
29 DY	1	.34	4	1.34	7.36	3.93
30 EU	0	0.00	6	2.01	1.54	.55
31 FE	0	0.00	0	0.00	41757.55	14608.93
32 HF	0	0.00	9	3.02	11.92	9.88
33 K	0	0.00	29	9.73	12520.16	4750.83
34 LA	0	0.00	13	4.36	54.17	36.55
35 LU	0	0.00	12	4.03	.57	.40
36 MG	0	0.00	19	6.38	9634.39	10321.57
37 MN	1	.34	0	0.00	888.58	786.62
38 NA	0	0.00	1	.34	11815.65	4688.34
39 QB	0	0.00	188	63.09	51.66	50.91
40 SB	0	0.00	297	99.66	1.49	.89
41 SC	0	0.00	0	0.00	14.77	4.19
42 SM	0	0.00	6	2.01	9.79	7.42
43 SR	1	.34	288	96.64	166.01	89.25
44 TA	0	0.00	277	92.95	1.20	1.13
45 TB	5	1.68	271	90.94	.57	.28
46 TH	0	0.00	2	.67	22.90	26.96
47 TI	10	3.36	0	0.00	5061.51	1449.38
48 V	0	0.00	2	.67	130.09	42.41
49 Y9	0	0.00	38	12.75	5.64	4.15
50 ZN	0	0.00	199	53.36	82.08	62.40
51 TU	2	.67	0	0.00	3.23	4.07

TOTAL NUMBER OF SAMPLES = 298

Table 4. Stream Sediment Data After Editing

VAR	# MISSING	%	# BDL	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	5.95	.78
2 MU	0	0.00	0	0.00	17.86	46.02
3 UR	0	0.00	0	0.00	10.59	8.04
4 U	0	0.00	0	0.00	7.90	10.75
5 CU	0	0.00	19	7.34	27.17	19.33
6 NI	0	0.00	38	14.67	29.63	17.36
7 PG	0	0.00	42	16.22	12.02	8.79
8 AS	0	0.00	30	11.58	15.98	14.38
9 ZR	0	0.00	0	0.00	277.19	210.11
10 AL	0	0.00	0	0.00	65199.42	8324.43
11 BA	0	0.00	7	2.70	753.83	221.65
12 CA	0	0.00	16	6.18	12101.23	7482.10
13 CE	0	0.00	0	0.00	118.78	72.72
14 CD	0	0.00	2	.77	18.81	9.94
15 CR	0	0.00	0	0.00	109.81	75.91
16 CS	0	0.00	36	13.90	5.65	4.71
17 DY	0	0.00	0	0.00	7.07	3.19
18 EU	0	0.00	1	.39	1.53	.45
19 FE	0	0.00	0	0.00	41252.01	12898.97
20 HF	0	0.00	4	1.54	11.05	8.98
21 K	0	0.00	20	7.72	12438.57	4342.24
22 LA	0	0.00	8	3.09	52.04	32.77
23 LU	0	0.00	7	2.70	.93	.30
24 MG	0	0.00	7	2.70	9141.55	3634.21
25 MN	0	0.00	0	0.00	831.01	624.65
26 NA	0	0.00	0	0.00	11765.92	4421.70
27 SC	0	0.00	0	0.00	14.85	3.75
28 SM	0	0.00	4	1.54	9.05	6.18
29 TH	0	0.00	0	0.00	21.01	24.09
30 TI	0	0.00	0	0.00	5086.76	1446.33
31 V	0	0.00	0	0.00	131.51	35.95
32 YR	0	0.00	30	11.58	5.35	3.53
33 TU	0	0.00	0	0.00	3.02	.90

TOTAL NUMBER OF SAMPLES = 259

Table 5. Lake Sediment Data Before Editing

VAR	# MISSING	%	# ADL	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	6.21	.82
2 MU	7	1.17	0	0.00	36.07	52.93
3 UR	599	99.83	0	0.00	9.00	0.00
4 U	0	0.00	0	0.00	3.52	3.43
5 AG	10	1.67	589	98.17	2.50	.10
6 RI	10	1.67	489	76.50	3.31	1.69
7 CD	10	1.67	589	98.00	2.52	.34
8 CIJ	10	1.67	5	.83	39.07	14.94
9 NR	10	1.67	590	98.33	10.00	0.00
10 NI	10	1.67	55	9.17	33.83	18.16
11 PR	10	1.67	149	24.83	7.97	4.51
12 SN	10	1.67	587	97.83	5.06	.84
13 W	10	1.67	568	94.67	8.17	5.59
14 AS	10	1.67	61	10.17	13.40	23.35
15 SE	10	1.67	589	98.17	2.54	.97
16 ZR	10	1.67	0	0.00	135.14	55.93
17 MO	500	100.00	0	0.00	0.00	0.00
18 RE	600	100.00	0	0.00	0.00	0.00
19 LI	600	100.00	0	0.00	0.00	0.00
20 AL	0	0.00	3	.50	58445.29	20470.42
21 AU	0	0.00	600	100.00	.07	.03
22 BA	0	0.00	55	9.17	763.48	291.51
23 CA	0	0.00	112	18.67	8421.55	5252.14
24 CE	0	0.00	37	6.17	69.39	29.02
25 CL	0	0.00	525	87.50	84.09	90.11
26 CO	0	0.00	45	7.50	15.26	7.47
27 CR	0	0.00	48	8.00	89.98	43.64
28 CS	0	0.00	217	36.17	3.80	2.77
29 DY	0	0.00	34	5.67	5.21	1.77
30 EU	0	0.00	74	12.33	1.22	.43
31 FE	0	0.00	21	3.50	34034.00	16998.90
32 HF	0	0.00	118	19.67	4.59	2.29
33 K	0	0.00	108	18.00	11172.06	5527.43
34 LA	0	0.00	144	24.00	29.95	16.97
35 LU	0	0.00	120	20.00	.33	.15
36 MG	0	0.00	83	13.83	8005.20	3698.43
37 MN	0	0.00	0	0.00	444.52	249.37
38 NA	0	0.00	0	0.00	8577.55	3447.10
39 RA	0	0.00	492	82.00	35.19	27.50
40 SA	0	0.00	599	99.83	1.95	.69
41 SC	0	0.00	1	.17	13.94	4.92
42 SM	0	0.00	63	10.50	5.24	2.56
43 SR	0	0.00	600	100.00	141.02	32.22
44 TA	0	0.00	599	99.83	1.13	.45
45 TA	4	.67	593	98.83	.50	.05
46 TH	0	0.00	42	7.00	10.12	7.07
47 TI	57	9.50	0	0.00	4437.46	1121.50
48 V	0	0.00	19	3.17	124.76	46.65
49 YB	0	0.00	279	46.50	2.88	1.72
50 ZN	0	0.00	401	66.83	75.35	62.00
51 TU	42	7.00	0	0.00	3.16	.45

TOTAL NUMBER OF SAMPLES = 600

Table 6. Lake Sediment Data After Editing

VAR	# MISSING	%	# ROW	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	6.27	.78
2 MU	0	0.00	0	0.00	39.80	55.34
3 U	0	0.00	0	0.00	3.67	3.12
4 CU	0	0.00	4	.77	39.63	14.73
5 NI	0	0.00	29	5.58	35.56	17.55
6 PB	0	0.00	92	17.69	8.42	4.32
7 AS	0	0.00	49	8.85	13.07	11.54
8 ZR	0	0.00	0	0.00	147.54	45.07
9 AL	0	0.00	0	0.00	64029.60	13870.72
10 BA	0	0.00	10	1.92	828.85	226.26
11 CA	0	0.00	70	13.46	8754.76	2054.48
12 CE	0	0.00	1	.13	74.95	22.64
13 CG	0	0.00	6	1.15	17.51	6.67
14 CR	0	0.00	4	.77	98.31	38.41
15 CS	0	0.00	147	28.27	4.09	2.80
16 DY	0	0.00	2	.39	5.41	1.24
17 EU	0	0.00	16	3.08	1.32	.31
18 FE	0	0.00	0	0.00	36955.40	13784.62
19 HF	0	0.00	50	9.62	5.03	2.01
20 K	0	0.00	42	8.08	12290.75	4724.74
21 LA	0	0.00	78	15.00	32.02	14.82
22 LU	0	0.00	54	10.38	.36	.13
23 MG	0	0.00	23	4.42	8824.31	2978.60
24 MN	0	0.00	0	0.00	461.79	209.92
25 NA	0	0.00	0	0.00	9440.71	2514.68
26 SC	0	0.00	0	0.00	19.06	3.41
27 SW	0	0.00	18	3.45	5.41	1.82
28 TH	0	0.00	0	0.00	10.78	5.81
29 TI	0	0.00	0	0.00	4480.17	1051.70
30 V	0	0.00	0	0.00	136.19	34.33
31 YB	0	0.00	211	40.58	3.02	1.70
32 TU	0	0.00	0	0.00	3.17	.60

TOTAL NUMBER OF SAMPLES = 520

FACTOR ANALYSIS (LAD) 28
 BETTLES STREAM SEDIMENT
 NUMBER OF SAMPLES 250
 NUMBER OF VARIABLES 33

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

CORRELATION COEFFICIENTS

	PH	NU	UR	U	CU	NI	PD	AS	ZR	AL	GA	CA	CI	CO	CR
PH	1.000														
NU	.136	1.000													
UR	.113	.032	1.000												
U	.124	-.044	.638	1.000											
CU	.029	-.065	-.294	-.375	1.000										
NI	.104	.033	-.182	-.329	.528	1.000									
PD	.063	.042	.490	.552	-.246	-.244	1.000								
AS	-.031	-.070	.045	.107	.229	.224	-.172	1.000							
ZR	.094	.037	.468	.679	-.417	-.162	.423	.071	1.000						
AL	-.028	-.091	.298	.354	-.013	-.075	.417	-.090	.317	1.000					
GA	-.152	-.112	-.159	-.308	.193	.041	-.082	-.103	-.233	.140	1.000				
CA	.236	-.044	.196	.169	-.067	.011	.062	-.311	.243	.252	.144	1.000			
CI	.038	-.015	.562	.810	-.425	-.269	.452	.151	.792	.313	-.281	.057	1.000		
CO	.034	.040	-.070	-.142	.315	.556	-.141	.206	.008	.138	.050	.210	-.073	1.000	
CR	.243	.014	-.227	-.348	.318	.583	-.257	.141	-.146	-.009	.165	.165	-.336	.393	1.000
CS	-.030	-.023	.461	.566	-.140	-.096	.445	.203	.413	.488	-.2	-.027	.497	.075	-.107
DY	.028	-.009	.382	.628	-.016	.317	.288	.612	.218	-.285	-.062	.777	.080	-.177	
EU	-.158	-.023	.026	-.015	-.031	.121	-.026	-.056	.346	.134	.237	.234	.254	.278	-.025
FE	-.259	.023	-.106	-.159	.273	.380	-.198	.407	-.030	.034	.035	-.082	-.068	.653	.109
HG	.111	.038	.484	.670	-.472	-.180	.464	.640	.954	.352	-.250	.250	.787	.019	-.155
K	-.042	.016	.389	.396	-.297	-.224	.418	-.076	.437	.529	.106	.020	.437	-.119	-.139
LA	.049	-.032	.575	.744	-.398	-.211	.467	.093	.740	.430	-.192	.085	.861	-.033	-.250
LU	.154	.017	.409	.639	-.271	-.006	.476	.169	.662	.378	-.315	.097	.710	.142	-.089
MG	.015	-.052	-.177	-.255	.193	.359	-.169	-.172	-.005	.261	.291	.524	-.234	.515	.451
MN	.228	.050	.168	.264	.128	.256	.058	.136	.247	.238	-.140	.428	.214	.644	.171
PA	.290	.004	.377	.448	-.269	-.337	.330	-.333	.481	.418	-.142	.627	.342	-.134	-.102
SC	-.087	-.069	-.225	-.315	.501	.572	-.259	.074	-.054	.281	.165	.264	-.256	.599	.500
SH	.052	-.032	.450	.674	-.328	-.189	.369	.156	.585	.276	-.281	.823	.780	-.853	-.262
TH	.113	-.004	.616	.900	-.471	-.350	.537	.105	.739	.341	-.334	.688	.602	-.178	-.340
TI	-.128	-.063	-.194	-.232	.083	.328	-.091	.033	.178	.183	.240	.098	-.029	.346	.346
V	-.118	-.061	-.307	-.434	.529	.603	-.297	.214	-.229	.097	.190	.033	-.335	.589	.446
YB	.057	-.017	.400	.600	-.315	-.047	.421	.178	.609	.259	-.275	.043	.606	.013	-.169
TU	-.043	.092	-.144	-.364	-.150	.004	-.116	-.021	.026	-.079	-.011	-.288	.673	-.055	.289
	CS	DY	EU	FE	HG	K	LA	LU	MG	MN	PA	SC	SH	TH	TI
CS	1.000														
DY	.497	1.000													
EU	.038	.206	1.000												
FE	.103	.106	.300	1.000											
HG	.414	.637	.311	-.038	1.000										
K	.389	.336	.033	-.008	.470	1.000									
LA	.561	.706	.232	-.049	.755	.456	1.000								
LU	.509	.804	.136	.072	.743	.347	.658	1.000							
MG	-.078	-.132	.351	.349	-.605	-.017	-.116	-.134	1.000						
PA	.165	.167	.195	.310	.244	-.183	.186	.258	.246	1.000					
SC	.094	.077	-.027	-.383	.494	.291	.375	.771	.155	.256	1.000				
SH	-.022	-.054	.352	.550	-.170	-.216	-.201	-.056	.664	.342	-.147	1.000			
TH	.432	.716	.746	-.074	.805	.354	.703	.695	-.201	.163	.278	-.191	1.000		
	TH	TI	V	YB	TU										
TH	-.565	.724	.029	-.189	.748	.463	.815	.716	-.292	.170	.444	-.343	.755	1.000	
TI	.085	.225	.391	.331	.706	.139	.079	.743	.540	.001	-.213	.531	-.035	-.143	1.000
V	-.090	-.047	.335	.672	-.231	-.254	-.303	-.098	.582	.192	-.323	.854	-.253	-.460	.523
YB	.520	.764	.096	-.021	.666	.135	.664	.768	-.134	.174	.707	-.132	.677	.698	.169
TU	-.133	.110	.097	-.041	.064	.107	.041	.168	-.043	-.240	-.122	-.034	.076	.078	.723

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

	1	2	3	4	5
EIGENVALUE*	10.18045	5.25637	2.78650	2.13540	1.49930
CPTV	.30784	.46774	.55107	.61570	.66770
PERCENTS		UNROTATED	FACTORS	16.01165	
PH	-.11270	-.01027	.79668	.48188	.37403
ML	-.00869	-.04456	-.06443	.12205	.24938
UP	-.66296	-.00366	.12112	.16164	-.22871
U	-.08629	-.01945	.04547	.25978	-.22189
CL	.53291	.39437	-.13313	.25739	-.26623
NI	.37849	.60777	-.16581	.23759	.12023
PB	-.61599	-.06199	.16067	-.03570	-.27995
AS	-.64608	.25451	-.63173	.30127	-.12550
ZP	-.81420	.25852	.01734	-.08752	.20281
AL	-.40779	.36213	.34668	-.20691	-.45848
OF	.31982	.12333	.25229	-.46101	-.31147
CS	-.12935	.31311	.78612	.11919	.11621
CC	-.91165	.10923	-.14549	-.01931	.06004
CO	.16992	.78869	-.01287	.25030	.00660
CP	.37726	.48819	.12048	.12576	.22691
CS	-.59706	.23412	-.15773	.01997	-.42645
OT	-.74343	.30481	-.36914	-.01914	.12044
EU	-.10121	.50768	.07488	-.38214	.13309
FE	.20406	.66484	-.34798	.34008	-.17934
MG	-.84295	.25877	.09087	-.10359	.22850
K	-.55144	.01659	.10919	-.44211	-.22425
LA	-.87536	.16094	-.04562	-.09714	-.03947
LI	-.77509	.34010	-.16240	.05285	.16167
ML	.26040	.67614	.46392	-.14230	.05847
MH	-.17279	.54089	.72616	.56595	.61300
NA	-.50495	-.06650	.72703	-.12132	.10914
SC	.36928	.81236	.16011	-.02355	-.07655
SP	-.78606	.11424	-.26181	.02551	.06469
TH	-.94665	-.02597	-.06932	.05976	.01777
TI	.07673	.65077	-.01660	-.50837	.18392
V	.45324	.75309	-.14785	-.07531	-.09887
VB	-.71069	.21840	-.22549	-.01243	.13225
VB	.00534	-.01118	-.25281	-.46768	.54642

FACTOR ANALYSIS (CASE 2)

BITTLES LAKE SEDIMENT

NUMBER OF SAMPLES 520

NUMBER OF VARIABLES 32

CORRELATION COEFFICIENTS

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

	PH	HU	U	CU	HI	PO	AS	ZF	AL	BA	CA	CE	CO	CR	CS
PH	1.000														
HU	.616	1.000													
U	.150	.045	1.000												
CU	.117	.087	-.034	1.000											
HI	.230	.164	-.051	.464	1.000										
PO	.041	.025	.251	.211	.226	1.000									
AS	.211	.210	.095	.362	.281	-.167	1.000								
ZF	.000	.126	.216	-.123	.095	.359	-.141	1.000							
AL	-.008	.100	.186	.146	.314	.521	-.043	.652	1.000						
BA	.060	.073	.195	.047	.175	.348	.004	.405	.627	1.000					
CA	.317	.326	.081	-.010	.089	.075	.046	.724	.020	.179	1.000				
CE	.088	.052	.585	-.027	.062	.369	.009	.595	.559	.326	.042	1.000			
CO	.234	.220	.086	.356	.544	.244	.366	.101	.407	.198	.164	.157	1.000		
CR	.115	.120	.073	.154	.494	.363	.038	.474	.617	.453	.177	.348	.784	1.000	
CS	.124	.137	.388	.160	.747	.425	.060	.340	.551	.363	.026	.418	.788	.393	1.000
DY	-.017	-.007	.341	.043	.141	.292	-.044	.550	.557	.266	-.024	.597	.720	.351	.345
EU	.086	.080	.228	.104	.246	.298	.015	.525	.604	.268	.009	.518	.328	.385	.333
FE	.176	.323	.044	.156	.339	.186	.390	.381	.593	.329	.154	.325	.653	.390	.375
HF	-.008	.002	.195	-.149	.070	.329	-.149	.631	.605	.385	.160	.543	.026	.449	.363
H	.019	.128	.147	.050	.219	.469	-.032	.634	.772	.503	.088	.465	.266	.517	.458
LA	.088	.099	.445	-.078	.096	.295	-.015	.521	.446	.357	.196	.599	.121	.779	.399
LU	.007	.058	.307	-.018	.209	.273	-.041	.538	.493	.268	.050	.562	.155	.368	.333
MG	.091	.202	.104	.118	.386	.383	-.013	.618	.759	.457	.213	.473	.473	.613	.389
MA	.326	.357	.075	.226	.300	.115	.375	.151	.221	.067	.298	.191	.591	.133	.141
NA	.009	.171	.343	-.294	.010	.299	-.290	.824	.645	.444	.298	.506	.111	.433	.254
SC	.006	.139	.119	.301	.403	.432	.007	.527	.903	.485	.004	.451	.402	.610	.445
SM	.029	.009	.180	.038	.082	.274	.017	.361	.384	.241	.135	.543	.163	.293	.295
TH	.155	.041	.800	.003	.101	.397	.077	.417	.308	.297	.072	.751	.164	.381	.575
TI	-.047	.097	.065	-.023	.212	.405	-.158	.767	.845	.539	.209	.493	.250	.608	.438
V	-.012	.083	.053	.293	.434	.450	.043	.502	.805	.521	-.069	.417	.497	.617	.474
YB	.056	.065	.177	-.044	.071	.181	-.018	.377	.291	.144	.134	.376	.122	.214	.295
YU	-.050	-.017	-.566	.061	.274	.127	-.052	.212	.237	.085	-.075	.050	.042	.794	.075
	DY	EU	FE	HF	H	LA	LU	MG	MA	NA	SC	SM	TH	TI	V
DY	1.000														
EU	.637	1.000													
FE	.356	.428	1.000												
HF	.518	.466	.375	1.000											
H	.495	.509	.455	.617	1.000										
LA	.461	.475	.247	.520	.457	1.000									
LU	.560	.490	.287	.551	.451	.479	1.000								
MG	.477	.575	.589	.554	.613	.335	.471	1.000							
MA	.166	.209	.710	.006	.154	.076	.141	.345	1.000						
NA	.422	.451	.395	.752	.588	.452	.445	.651	.159	1.000					
SC	.573	.586	.649	.494	.656	.367	.470	.741	.305	.498	1.000				
SM	.481	.446	.745	.378	.725	.416	.367	.296	.167	.297	.347	1.000			
TH	.525	.530	.190	.374	.391	.542	.479	.278	.151	.291	.312	.443	1.000		
TI	.540	.558	.552	.731	.725	.474	.516	.753	.192	.733	.792	.354	.795	1.000	
V	.533	.454	.444	.464	.451	.317	.429	.748	.288	.466	.618	.318	.767	.797	1.000
YB	.366	.319	.712	.378	.795	.709	.334	.257	.118	.333	.265	.313	.276	.421	.759
YU	.352	.711	.189	.189	.292	.072	.146	.709	.082	.161	.231	.006	.042	.296	.774

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

EIGENVALUES CPTV ELEMENTS	FACTORS				
	1	2	3	4	5
	11.57334	2.42017	2.64593	1.94811	1.33443
	.36117	.46857	.55186	.61336	.65509
		UNROTATED	FACTORS	LOADINGS	
PH	-.11309	-.07550	.45677	.43221	-.26003
NO	-.17066	-.30773	.28206	.36543	-.12735
II	-.33291	.31340	.71112	-.19842	-.12074
CU	-.11578	-.54540	.07079	-.43902	-.14038
NI	-.36591	-.59698	-.02771	-.17433	-.12590
PE	-.53817	.02838	.01166	-.22775	-.41909
AS	-.60912	-.57974	.36743	-.10151	.25446
7F	-.77127	.30393	-.16921	.27025	.65396
AI	-.90333	-.04258	-.72059	-.12295	-.11351
RA	-.59113	.01519	-.08989	.00166	-.38220
CA	-.16746	-.13525	.22657	.61767	-.20077
CF	-.70718	.30975	.37113	-.08964	.13998
CO	-.44488	-.66656	.13466	-.07713	.11715
CP	-.67654	-.15776	-.14344	-.01966	-.25129
CS	-.59809	-.02057	.26149	-.24667	-.28731
NY	-.76035	-.19761	.06588	-.19065	.30951
EL	-.71113	.03207	.04942	-.08389	.22410
FF	-.64071	-.50155	.00915	.15532	.30414
HF	-.73742	.36367	-.13315	.26398	.63677
F	-.78959	.05095	-.16570	-.00121	-.11562
LA	-.61065	.29878	.30611	.03401	-.00263
IU	-.64819	.21025	.09866	-.34331	.14978
MC	-.80579	-.17623	-.14466	.12494	-.63771
NH	-.34650	-.58117	.26279	.25824	.32249
NA	-.71453	.30864	-.19673	.44361	-.01062
SC	-.84168	-.22981	-.22441	-.14485	-.61415
SM	-.5241	.16191	.25809	-.12190	.18469
TH	-.58610	.27761	.57656	-.22274	-.04134
TI	-.66176	.08463	-.33567	.08754	-.60064
V	-.62822	-.25674	-.28836	-.21306	-.03147
YP	-.42841	.15955	.12027	.11012	.26759
TU	-.25060	-.14031	-.50951	.02514	.21032

Table 2. Regression Analysis Results, Stream Sediment

MULTIPLE REGRESSION ANALYSIS
 PROBLEM BETTLES STREAM SEDIMENT
 OBSERVATIONS 259

PROBLEM BETTLES STREAM SEDIMENT

STEPWISE REGRESSION CASE 1

DEPENDENT VARIABLE 4

F-LEVEL TO ENTER 5.00000

F-LEVEL TO REMOVE 5.00000

STANDARD ERROR OF Y .78217
 STEP NO. 1

ENTERED VARIABLE 29

F-LEVEL 1100.57904
 STANDARD ERROR OF Y .34359
 MULTIPLE CORRELATION .90039
 R-SQUARED .81070
 DEGREES OF FREEDOM 257
 CONSTANT TERM -.95674

VARIABLE	BETA PRIME	BETA	SE(BETA)
29	.90039E+00	.96329E+00	.29048E-01

STEP NO. 2

ENTERED VARIABLE 25

F-LEVEL 18.22934
 STANDARD ERROR OF Y .33263
 MULTIPLE CORRELATION .90739
 R-SQUARED .82328
 DEGREES OF FREEDOM 256
 CONSTANT TERM -1.92121

VARIABLE	BETA PRIME	BETA	SE(BETA)
25	.11384E+00	.15603E+00	.36546E-01
29	.88101E+00	.94299E+00	.28337E-01

STEP NO. 3

ENTERED VARIABLE 30

F-LEVEL 18.09748
 STANDARD ERROR OF Y .32205
 MULTIPLE CORRELATION .91378
 R-SQUARED .83429
 DEGREES OF FREEDOM 255
 CONSTANT TERM .77283

VARIABLE	BETA PRIME	BETA	SE(BETA)
25	.11674E+00	.16701E+00	.35346E-01
29	.86489E+00	.92570E+00	.27926E-01
30	-.10938E+00	-.31530E+00	.74116E-01

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

STEP NO.

4

ENTERED VARIABLE 16

F-LEVEL 19.49106
STANDARD ERROR OF Y .31097
MULTIPLE CORRELATION .92019
R-SQUARED .84675
DEGREES OF FREEDOM 254
CONSTANT TERM 1.41171

VARIABLE	BETA PRIME	BETA	SE(BETA)
15	.13463E+00	.14924E+00	.33403E-01
25	.10779E+00	.14768E+00	.34292E-01
29	.78718E+00	.84252E+00	.32495E-01
30	-.13186E+00	-.38011E+00	.73056E-01

STEP NO.

5

ENTERED VARIABLE 12

F-LEVEL 10.97400
STANDARD ERROR OF Y .30504
MULTIPLE CORRELATION .92365
R-SQUARED .85312
DEGREES OF FREEDOM 253
CONSTANT TERM 1.37561

VARIABLE	BETA PRIME	BETA	SE(BETA)
12	.90180E-01	.75401E-01	.22822E-01
16	.15161E+00	.16907E+00	.33642E-01
25	.68472E-01	.93851E-01	.37357E-01
29	.77467E+00	.92913E+00	.32519E-01
30	-.14382E+00	-.41459E+00	.72415E-01

STEP NO.

6

ENTERED VARIABLE 7

F-LEVEL 5.64231
STANDARD ERROR OF Y .30228
MULTIPLE CORRELATION .92530
R-SQUARED .85674
DEGREES OF FREEDOM 252
CONSTANT TERM 1.20437

VARIABLE	BETA PRIME	BETA	SE(BETA)
7	.49118E-01	.73112E-01	.20740E-01
12	.85014E-01	.71270E-01	.22688E-01
16	.13503E+00	.14769E+00	.34224E-01
25	.74107E-01	.10157E+00	.37162E-01
29	.74705E+00	.79957E+00	.34545E-01
30	-.13956E+00	-.40232E+00	.71945E-01

ANALYSIS OF VARIANCE

TERM	SS	DF	MS	F	PROB>F
TOTAL	.10279E+03	258			
REG	.13725E+03	4		.22875E+02	
ERR	.23029E+02	252		.01371E-01	

Table 10. Regression Analysis Results, Lake Sediment

MULTIPLE REGRESSION ANALYSIS

PROBLEM BETTLES LAKE SEDIMENT

OBSERVATIONS 220

PROBLEM BETTLES LAKE SEDIMENT

STEPWISE REGRESSION CASE 1

DEPENDENT VARIABLE 3

F-LEVEL TO ENTER 5.00000

F-LEVEL TO REMOVE 5.00000

STANDARD ERROR OF Y .40567

STEP NO. 1

ENTERED VARIABLE 28

F-LEVEL 917.83410
STANDARD ERROR OF Y .24389
MULTIPLE CORRELATION .79752
D-SQUARED .63323
DEGREES OF FREEDOM 518
CONSTANT TERM -1.05901

VARIABLE	BETA PRIME	BETA	SE(BETA)
28	.79952E+00	.06923E+00	.31992E-01

STEP NO. 2

ENTERED VARIABLE 20

F-LEVEL 91.05040
STANDARD ERROR OF Y .23290
MULTIPLE CORRELATION .91355
D-SQUARED .67166
DEGREES OF FREEDOM 517
CONSTANT TERM .02098

VARIABLE	BETA PRIME	BETA	SE(BETA)
20	-.10564E+00	-.13912E+00	.19471E-01
28	.87603E+00	.10520E+01	.33194E-01

STEP NO. 3

ENTERED VARIABLE 14

F-LEVEL 17.61708
STANDARD ERROR OF Y .22325
MULTIPLE CORRELATION .92617
D-SQUARED .64250
DEGREES OF FREEDOM 516

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

CONSTANT TERM

.20978

VARIABLE	BETA PRIME	BETA	SE(BETA)
14	-.12429E+00	-.13970E+00	.33293E-01
20	-.13430E+00	-.25495E-01	.21802E-01
28	.88973E+00	.10786E+01	.32911E-01

STEP NO. 4

ENTERED VARIABLE 10

F-LEVEL 6.28482
STANDARD ERROR OF Y .22796
MULTIPLE CORRELATION .82869
P-SQUARED .68667
DEGREES OF FREEDOM 515
CONSTANT TERM -.03319

VARIABLE	BETA PRIME	BETA	SE(BETA)
10	.77579E-01	.79791E-01	.30476E-01
14	-.14336E+00	-.16113E+00	.34093E-01
20	-.16027E+00	-.11394E+00	.22798E-01
28	.88259E+00	.10699E+01	.32892E-01

STEP NO. 5

ENTERED VARIABLE 9

F-LEVEL 5.32595
STANDARD ERROR OF Y .22701
MULTIPLE CORRELATION .83059
P-SQUARED .68988
DEGREES OF FREEDOM 514
CONSTANT TERM .00640

VARIABLE	BETA PRIME	BETA	SE(BETA)
9	-.64908E-01	-.52228E-01	.22631E-01
10	.75116E-01	.77259E-01	.30369E-01
14	-.10890E+00	-.12241E+00	.37871E-01
20	-.16240E+00	-.11548E+00	.22712E-01
28	.88027E+00	.10671E+01	.32778E-01

STEP NO. 6

ENTERED VARIABLE 20

F-LEVEL 6.20708
STANDARD ERROR OF Y .22586
MULTIPLE CORRELATION .83282
P-SQUARED .69359
DEGREES OF FREEDOM 513
CONSTANT TERM .54807

VARIABLE	BETA PRIME	BETA	SE(BETA)
20	-.71575E-01	-.57512E-01	.22617E-01
10	.92049E-01	.74675E-01	.31014E-01
14	-.00326E-01	-.90284E-01	.30825E-01
28	-.11231E+00	-.70865E-01	.26739E-01
28	.87652E+00	.10626E+01	.32864E-01
28	-.97955E-01	-.13175E+00	.52879E-01

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

STEP NO. 7

ENTERED VARIABLE 23

F-LEVEL 6.60070
STANDARD ERROR OF Y .22464
MULTIPLE CORRELATION .83516
R-SQUARED .69749
DEGREES OF FREEDOM 512
CONSTANT TERM .69209

VARIABLE	BETA PRIME	BETA	SE(BETA)
5	-.89986E-01	-.72306E-01	.23220E-01
10	.90457E-01	.93038E-01	.30852E-01
14	-.94677E-01	-.10641E+00	.40104E-01
20	-.12024E+00	-.85504E-01	.26685E-01
23	.10362E+00	.78500E-01	.30555E-01
28	.87464E+00	.10603E+01	.32499E-01
29	-.15630E+00	-.21023E+00	.60819E-01

STEP NO. 8

ENTERED VARIABLE 27

F-LEVEL 6.37618
STANDARD ERROR OF Y .22347
MULTIPLE CORRELATION .83739
R-SQUARED .70122
DEGREES OF FREEDOM 511
CONSTANT TERM .65296

VARIABLE	BETA PRIME	BETA	SE(BETA)
5	-.87514E-01	-.70319E-01	.23112E-01
10	.91549E-01	.94160E-01	.30695E-01
14	-.99552E-01	-.11189E+00	.39954E-01
20	-.11937E+00	-.94880E-01	.26547E-01
23	.10293E+00	.77979E-01	.30396E-01
27	.71473E-01	.61738E-01	.24449E-01
28	.84687E+00	.10266E+01	.34972E-01
29	-.17189E+00	-.23120E+00	.61076E-01

ANALYSIS OF VARIANCE

TERM	SS	DF	MS
TOTAL	.85410E+02	519	
REG	.59891E+02	8	.74863E+01
ERR	.25519E+02	511	.49939E-01

BETTLES STREAM SEDIMENT FACTOR SCORE 1

Figure 7. Stream Sediment Factor Score 1

BETTLES STREAM SEDIMENT FACTOR SCORE 2

Figure 8. Stream Sediment Factor Score 2

BETTLES STREAM SEDIMENT FACTOR SCORE 3

Figure 9. Stream Sediment Factor Score 3

BETTLES STREAM SEDIMENT RESIDUALS

Figure 10. Stream Sediment Residuals

BETTLES LAKE SEDIMENT FACTOR SCORE 1

Figure 11. Lake Sediment Factor Score 1

BETTLES LAKE SEDIMENT FACTOR SCORE 2

Figure 12. Lake Sediment Factor Score 2

BETTLES LAKE SEDIMENT FACTOR SCORE 3

Figure 13. Lake Sediment Factor Score 3

BETTLES LAKE SEDIMENT FACTOR SCORE 3

BETTLES LAKE SEDIMENT RESIDUALS

Figure 14. Lake Sediment Residuals

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Appendix A. Stream Sediment Data

BETTERIES SURFACE SEDIMENT

PG. ONE - SAMPLE SET 8

SAMPLE NO.	LOC.	LONG.	PH	COND.	STYCL.	IRON PPM	COBALT PPM	CHROMIUM PPM	COPPER PPM	HYDROGEN PPM	LYCCEL PPM	LEAD PPM	ZINC PPM	TUNGSTEN PPM	
423017	66.2366	150.4359	5.	1.0	0.	2.03	-5.00	6.00	-5.00	10.00	-20.00	21.00	10.00	-10.00	-15.00
423018	66.2319	150.5208	6.	1.0	1.	2.07	-5.00	-5.00	-5.00	11.00	-20.00	20.00	-5.00	-10.00	-15.00
423020	66.2447	150.6894	9.	1.0	3.	2.06	-5.00	-5.00	-5.00	20.00	-20.00	22.00	10.00	-10.00	-15.00
423021	66.2442	150.8028	9.	2.0	1.	3.00	-5.00	-5.00	-5.00	41.00	-20.00	34.00	0.00	-10.00	-15.00
423022	66.2458	150.8503	6.	1.0	4.	2.98	-5.00	-5.00	-5.00	20.00	-20.00	10.00	21.00	-10.00	-15.00
423023	66.2317	150.9106	6.	3.0	3.	2.76	-5.00	-5.00	-5.00	20.00	-20.00	33.00	-5.00	-10.00	-15.00
423024	66.2447	150.9764	6.	28.0	21.	3.77	-5.00	-5.00	-5.00	23.00	-20.00	39.00	-5.00	-10.00	-15.00
423025	66.2303	151.0811	7.	78.0	-9999.	3.27	-5.00	-5.00	-5.00	40.00	-20.00	114.00	10.00	-10.00	-15.00
423032	66.2367	151.6063	8.	30.0	0.	4.01	-5.00	-5.00	-5.00	10.00	-20.00	-15.00	10.00	-10.00	-15.00
423033	66.2197	151.7075	8.	59.0	0.	3.09	-5.00	-5.00	-5.00	22.00	-20.00	31.00	10.00	-10.00	-15.00
423034	66.2275	151.8386	8.	15.0	-9999.	0.03	-5.00	-5.00	-5.00	24.00	-20.00	25.00	0.00	-10.00	-15.00
423045	66.2236	152.7472	7.	90.0	0.	3.04	-5.00	-5.00	-5.00	32.00	-20.00	33.00	-5.00	-10.00	-15.00
423047	66.2369	152.9860	0.	43.0	15.	3.19	-5.00	-5.00	-5.00	31.00	-20.00	31.00	0.00	-10.00	-15.00
423050	66.1861	152.8194	7.	98.0	6.	2.94	-5.00	-5.00	-5.00	33.00	-20.00	34.00	10.00	-10.00	-15.00
423070	66.1828	150.3650	6.	12.0	6.	1.00	-5.00	-5.00	-5.00	42.00	-20.00	322.00	-5.00	-10.00	-15.00
423071	66.1817	150.4469	6.	8.0	0.	4.72	-5.00	-5.00	-5.00	31.00	-20.00	39.00	0.00	-10.00	-15.00
423072	66.1853	150.5956	6.	3.0	0.	4.16	-5.00	-5.00	-5.00	38.00	-20.00	42.00	10.00	-10.00	-15.00
423073	66.2000	150.6386	7.	4.0	11.	0.17	-5.00	-5.00	-5.00	33.00	-20.00	30.00	0.00	-10.00	-15.00
423074	66.2042	150.7569	7.	5.0	10.	3.05	-5.00	-5.00	-5.00	26.00	-20.00	25.00	10.00	-10.00	-15.00
423076	66.1846	151.0131	7.	9.0	6.	0.66	-5.00	-5.00	-5.00	37.00	-20.00	41.00	0.00	-10.00	-15.00
423077	66.1917	151.0131	7.	6.0	10.	10.96	-5.00	-5.00	-5.00	41.00	-20.00	40.00	10.00	-10.00	-15.00
423078	66.1967	151.1847	7.	6.0	2.	2.90	-5.00	-5.00	-5.00	90.00	-20.00	96.00	-5.00	-10.00	-15.00
423079	66.1861	151.3259	7.	1.0	14.	2.02	-5.00	-5.00	-5.00	31.00	-20.00	70.00	-5.00	-10.00	-15.00
423082	66.1325	151.5464	7.	76.0	10.	3.20	-5.00	-5.00	-5.00	40.00	-20.00	159.00	-5.00	-10.00	-15.00
423122	66.0083	151.6761	7.	33.0	3.	1.71	-5.00	-5.00	-5.00	10.00	-20.00	90.00	-5.00	-10.00	-15.00
423123	66.1086	151.9792	7.	4.0	12.	10.12	-5.00	-5.00	-5.00	11.00	-20.00	31.00	-5.00	-10.00	-15.00
423124	66.0806	151.4950	7.	2.0	6.	7.03	-5.00	-5.00	-5.00	10.00	-20.00	20.00	0.00	-10.00	-15.00
423126	66.1200	151.3244	6.	14.0	13.	60.92	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	10.00	-10.00	-15.00
423133	66.1011	150.6506	7.	27.0	8.	4.00	-5.00	-5.00	-5.00	24.00	-20.00	30.00	7.00	-10.00	-15.00
423134	66.1192	150.7983	7.	20.0	19.	3.63	-5.00	-5.00	-5.00	20.00	-20.00	26.00	0.00	-10.00	-15.00
423135	66.1169	150.8553	7.	1.0	6.	3.39	-5.00	-5.00	-5.00	20.00	-20.00	44.00	12.00	-10.00	-15.00
423136	66.1069	150.8942	7.	12.0	33.	15.92	-5.00	-5.00	-5.00	17.00	-20.00	23.00	23.00	-10.00	-15.00
423137	66.1078	150.9029	7.	16.0	43.	31.90	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	25.00	17.00	26.00
423138	66.1150	151.0342	7.	2.0	14.	20.94	-5.00	-5.00	-5.00	22.00	-20.00	20.00	12.00	-10.00	-15.00
423139	66.1075	151.0922	7.	17.0	-9999.	13.91	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	10.00	-10.00	-15.00
423140	66.1314	151.1100	7.	0.0	20.	11.50	-5.00	-5.00	-5.00	20.00	-20.00	44.00	11.00	-10.00	-15.00
423141	66.1619	150.9464	7.	27.0	18.	9.22	-5.00	-5.00	-5.00	21.00	-20.00	30.00	10.00	-10.00	-15.00
423142	66.1367	150.8761	7.	41.0	10.	3.45	-5.00	-5.00	-5.00	27.00	-20.00	37.00	10.00	-10.00	-15.00
423143	66.1228	150.7352	7.	30.0	11.	4.64	-5.00	-5.00	-5.00	29.00	-20.00	22.00	11.00	-10.00	-15.00
423144	66.1500	150.6926	7.	17.0	6.	2.97	-5.00	-5.00	-5.00	15.00	-20.00	39.00	10.00	-10.00	-15.00
423145	66.1408	150.6311	7.	17.0	6.	2.00	-5.00	-5.00	-5.00	29.00	-20.00	20.00	10.00	-10.00	-15.00
423146	66.1331	150.4397	7.	43.0	10.	3.64	-5.00	-5.00	-5.00	30.00	-20.00	39.00	11.00	-10.00	-15.00
423148	66.2692	150.5067	6.	16.0	8.	3.24	-5.00	-5.00	-5.00	10.00	-20.00	44.00	11.00	-10.00	-15.00
423151	66.2644	150.7142	5.	15.0	8.	3.62	-5.00	-5.00	-5.00	26.00	-20.00	17.00	13.00	-10.00	-15.00
423152	66.2664	150.7739	4.	14.0	12.	3.06	-5.00	-5.00	-5.00	13.00	-20.00	34.00	5.00	-10.00	-15.00
423153	66.2672	150.8222	6.	15.0	13.	2.91	-5.00	-5.00	-5.00	15.00	-20.00	42.00	13.00	-10.00	-15.00
423154	66.2586	150.8850	6.	12.0	8.	4.86	-5.00	-5.00	-5.00	-10.00	-20.00	49.00	0.00	-10.00	-15.00
423155	66.2811	150.9350	6.	29.0	1.	.37	-5.00	-5.00	-5.00	10.00	-20.00	204.00	-5.00	-10.00	-15.00
423160	66.2769	151.2942	6.	13.0	8.	3.19	-5.00	-5.00	-5.00	10.00	-20.00	17.00	0.00	-10.00	-15.00
423165	66.2766	151.6514	6.	9.0	12.	2.62	-5.00	-5.00	-5.00	10.00	-20.00	-15.00	-5.00	-10.00	-15.00

DEPT. OF AGR. & MECHANICAL

PL. FMC - SAMPLE SET 2

SAMPLE NO.	LE PPR	SE PPR	TE PPR	ME PPR	DE PPR	LI PPR	AL PPR	BP PPR	RI PPR	CE PPR	CL PPR	CO PPR	
423017	10.00	-5.00	238.00	-9999.00	-9999.00	-9999.00	59916.00	-0.11	724.00	59916.00	94.00	-85.00	9.00
423018	16.00	-5.00	239.00	-9999.00	-9999.00	-9999.00	75486.00	-0.12	743.00	59720.00	84.00	-88.00	19.00
423020	20.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	71870.00	-0.11	984.00	9966.00	61.00	-97.00	11.00
423021	34.00	-5.00	209.00	-9999.00	-9999.00	-9999.00	70330.00	-0.12	874.00	6617.00	94.00	-86.00	11.30
423022	18.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	67190.00	-0.11	960.00	4827.00	92.00	-79.00	14.40
423023	35.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	69070.00	-0.11	933.00	3790.00	101.00	-84.00	38.76
423024	14.00	-5.00	262.00	-9999.00	-9999.00	-9999.00	59510.00	-0.09	870.00	9441.00	90.00	-97.00	18.90
423025	6.00	-5.00	289.00	-9999.00	-9999.00	-9999.00	54580.00	-0.11	751.00	12010.00	123.00	-96.00	29.10
423032	8.00	-5.00	253.00	-9999.00	-9999.00	-9999.00	66516.00	-0.07	1076.00	10900.00	76.00	-106.00	9.00
423033	8.00	-5.00	240.00	-9999.00	-9999.00	-9999.00	64400.00	-0.10	783.00	13670.00	95.00	-101.00	12.70
423034	-5.00	-5.00	439.00	-9999.00	-9999.00	-9999.00	66230.00	-0.09	736.00	16780.00	117.00	-95.00	12.10
423045	19.00	-5.00	190.00	-9999.00	-9999.00	-9999.00	69368.00	-0.10	933.00	7967.00	73.00	-116.00	16.90
423047	15.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	64250.00	-0.12	847.00	9422.00	89.00	-109.00	24.20
423050	11.00	-5.00	189.00	-9999.00	-9999.00	-9999.00	63770.00	-0.11	832.00	7821.00	84.00	-92.00	17.10
423070	11.00	-5.00	65.00	-9999.00	-9999.00	-9999.00	26140.00	-0.14	-508.00	12570.00	41.00	-174.00	11.70
423071	30.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	61430.00	-0.09	577.00	8375.00	60.00	-89.00	15.20
423072	38.00	-5.00	203.00	-9999.00	-9999.00	-9999.00	64250.00	-0.09	876.00	11560.00	74.00	-97.00	28.00
423073	30.00	-5.00	224.00	-9999.00	-9999.00	-9999.00	60510.00	-0.09	775.00	11930.00	80.00	-104.00	17.00
423074	31.00	-5.00	245.00	-9999.00	-9999.00	-9999.00	62390.00	-0.11	748.00	10500.00	92.00	-103.00	19.00
423076	33.00	-5.00	185.00	-9999.00	-9999.00	-9999.00	66270.00	-0.09	689.00	9328.00	83.00	-89.00	20.00
423077	33.00	-5.00	301.00	-9999.00	-9999.00	-9999.00	66460.00	-0.11	1084.00	9033.00	160.00	-116.00	29.00
423078	39.00	-5.00	196.00	-9999.00	-9999.00	-9999.00	60850.00	-0.14	471.00	20560.00	70.00	-122.00	37.20
423079	15.00	-5.00	190.00	-9999.00	-9999.00	-9999.00	56060.00	-0.11	380.00	16290.00	49.00	-101.00	27.60
423082	57.00	-5.00	30.00	-9999.00	-9999.00	-9999.00	14210.00	-0.20	-295.00	9061.00	49.00	-106.00	22.90
423122	-5.00	-5.00	57.00	-9999.00	-9999.00	-9999.00	27010.00	-0.11	414.00	13350.00	39.00	-114.00	14.00
423123	20.00	-5.00	508.00	-9999.00	-9999.00	-9999.00	59800.00	-0.08	673.00	12000.00	311.00	-91.00	19.30
423124	14.00	-5.00	413.00	-9999.00	-9999.00	-9999.00	59100.00	-0.07	661.00	8499.00	206.00	-83.00	14.00
423126	14.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	61310.00	-0.14	621.00	7200.00	306.00	-142.00	7.00
423133	14.00	-5.00	170.00	-9999.00	-9999.00	-9999.00	58750.00	-0.09	668.00	7290.00	95.00	-75.00	16.20
423134	11.00	-5.00	161.00	-9999.00	-9999.00	-9999.00	59700.00	-0.09	867.00	9387.00	79.00	-98.00	17.40
423135	14.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	69420.00	-0.08	891.00	9643.00	90.00	-89.00	21.40
423136	23.00	-5.00	235.00	-9999.00	-9999.00	-9999.00	67220.00	-0.09	567.00	10880.00	122.00	-107.00	15.00
423137	21.00	-5.00	937.00	-9999.00	-9999.00	-9999.00	65630.00	-0.09	406.00	7303.00	396.00	-102.00	5.70
423138	28.00	-5.00	214.00	-9999.00	-9999.00	-9999.00	66160.00	-0.10	646.00	12520.00	120.00	-122.00	10.00
423139	23.00	-5.00	301.00	-9999.00	-9999.00	-9999.00	65100.00	-0.08	552.00	7796.00	190.00	-121.00	12.30
423140	26.00	-5.00	232.00	-9999.00	-9999.00	-9999.00	70520.00	-0.09	713.00	10100.00	127.00	-105.00	21.30
423141	20.00	-5.00	357.00	-9999.00	-9999.00	-9999.00	59370.00	-0.08	605.00	8465.00	195.00	-76.00	15.30
423142	11.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	59440.00	-0.08	771.00	8676.00	93.00	-91.00	22.90
423143	15.00	-5.00	182.00	-9999.00	-9999.00	-9999.00	52210.00	-0.07	644.00	5939.00	84.00	-76.00	16.90
423144	28.00	-5.00	178.00	-9999.00	-9999.00	-9999.00	61170.00	-0.08	413.00	933.00	71.00	-92.00	22.30
423145	8.00	-5.00	156.00	-9999.00	-9999.00	-9999.00	70470.00	-0.10	967.00	3695.00	94.00	-83.00	17.60
423146	23.00	-5.00	147.00	-9999.00	-9999.00	-9999.00	64870.00	-0.10	862.00	9527.00	67.00	-101.00	13.90
423151	24.00	-5.00	194.00	-9999.00	-9999.00	-9999.00	67970.00	-0.10	794.00	417.00	87.00	-77.00	23.00
423152	15.00	-5.00	278.00	-9999.00	-9999.00	-9999.00	66860.00	-0.09	928.00	5324.00	107.00	-82.00	9.20
423153	11.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	60990.00	-0.07	830.00	5642.00	87.00	-68.00	15.00
423154	11.00	-5.00	164.00	-9999.00	-9999.00	-9999.00	65900.00	-0.09	759.00	860.00	73.00	-79.00	14.00
423155	44.00	-5.00	418.00	-9999.00	-9999.00	-9999.00	92980.00	-0.09	791.00	7832.00	165.00	-83.00	24.00
423160	-5.00	-5.00	8.00	-9999.00	-9999.00	-9999.00	1906.00	-0.11	-284.00	-1697.00	-9.00	-99.00	58.20
423165	9.00	-5.00	196.00	-9999.00	-9999.00	-9999.00	68090.00	-0.07	1016.00	16020.00	69.00	-100.00	12.70
			51.00	-9999.00	-9999.00	-9999.00	36020.00	-0.11	-304.00	-1739.00	57.00	-127.00	25.00

OPTICAL STREAM SEDIMENT

PR. YNSEE - SAMPLE SET 2

SAMPLE NO.	CS PPM	CS PPM	DT PPM	FW PPM	FC PPM	MC PPM	G PPM	LS PPM	LE PPM	MC PPM	CS PPM	NA PPM	BO PPM
423017	60.00	5.60	6.00	1.40	34610.00	6.00	10760.00	38.00	.00	9900.00	293.00	8603.00	-30.00
423018	115.00	6.00	5.00	1.80	41210.00	7.90	17140.00	56.00	-.20	10170.00	399.00	8079.00	-43.00
423020	90.00	5.00	6.00	1.30	40330.00	6.30	16710.00	35.00	.30	11090.00	344.00	7926.00	-43.00
423021	111.00	7.10	7.00	1.70	44740.00	7.10	14030.00	36.00	.40	9232.00	454.00	6416.00	-43.00
423022	92.00	4.30	6.00	1.60	41360.00	7.10	11740.00	40.00	.40	8576.00	363.00	7067.00	-37.00
423023	97.00	6.90	8.00	2.00	76740.00	5.00	14020.00	47.00	.50	7352.00	792.00	5136.00	-46.00
423024	130.00	3.60	7.00	1.70	37730.00	10.00	10860.00	41.00	.40	7938.00	597.00	9222.00	73.00
423025	796.00	4.30	6.00	1.80	18900.00	10.80	8849.00	42.00	.60	11530.00	1183.00	8408.00	77.00
423032	276.00	4.60	4.00	1.50	28010.00	8.60	14560.00	35.00	.40	8177.00	407.00	16500.00	93.00
423033	280.00	3.40	5.00	1.50	32280.00	7.10	16470.00	33.00	.40	9040.00	534.00	13480.00	74.00
423034	957.00	4.30	5.00	1.90	29530.00	17.90	11260.00	46.00	.30	8189.00	434.00	14340.00	83.00
423042	110.00	3.30	6.00	1.20	36140.00	6.60	9766.00	35.00	.30	8641.00	503.00	11800.00	-40.00
423047	97.00	4.00	4.00	1.20	47190.00	5.50	10720.00	46.00	.30	8323.00	693.00	10770.00	-43.00
423050	148.00	3.70	6.00	1.40	57650.00	6.80	11030.00	32.00	.40	9509.00	413.00	12210.00	59.00
423070	77.00	-2.50	-3.00	.90	14160.00	-1.60	-10520.00	-9.00	-.20	16760.00	4199.00	3694.00	-47.00
423071	134.00	-1.90	4.00	1.00	33800.00	5.70	10970.00	29.00	.20	9513.00	417.00	11370.00	-33.00
423072	132.00	3.40	6.00	1.50	41090.00	7.70	9383.00	37.00	.40	11100.00	742.00	12370.00	-34.00
423073	149.00	-1.80	5.00	1.20	36040.00	8.10	10840.00	29.00	.40	10260.00	620.00	12110.00	-33.00
423074	146.00	3.80	6.00	1.40	38770.00	9.80	9128.00	39.00	.50	7859.00	876.00	12280.00	-36.00
423076	97.00	5.70	7.00	1.40	42310.00	5.00	12940.00	38.00	.50	10900.00	744.00	10090.00	68.00
423077	119.00	6.70	11.00	1.40	47588.00	10.60	12870.00	60.00	.00	9459.00	1154.00	8030.00	99.00
423078	572.00	6.80	6.00	1.60	59060.00	9.00	9968.00	33.00	.50	20220.00	2049.00	9100.00	-47.00
423079	343.00	5.30	4.00	1.30	41220.00	5.40	10710.00	27.00	.30	14970.00	1025.00	10200.00	-40.00
423082	65.00	-3.70	4.00	-.70	11350.00	-2.60	-4847.00	-17.00	-.30	-2349.00	371.00	1173.00	-77.00
423122	55.00	-2.50	3.00	1.00	27880.00	-1.60	-3860.00	-7.00	-.20	7660.00	345.00	4347.00	-50.00
423123	180.00	4.10	12.00	2.00	33640.00	25.50	13140.00	138.00	1.00	9622.00	803.00	11270.00	125.00
423124	95.00	4.40	9.00	1.80	29860.00	20.40	11560.00	88.00	.70	7064.00	611.00	11300.00	93.00
423126	45.00	24.10	17.00	.70	27630.00	6.80	12090.00	144.00	.00	4445.00	414.00	9579.00	-51.00
423133	93.00	3.20	6.00	1.40	40120.00	8.30	9604.70	35.00	.50	8396.00	451.00	8156.00	-31.00
423134	96.00	3.60	6.00	1.30	38930.00	5.60	13730.00	28.00	.20	8218.00	646.00	8915.00	-34.00
423135	112.00	3.40	6.00	1.50	41600.00	7.60	14250.00	40.00	.40	8849.00	833.00	7853.00	101.00
423136	74.00	8.10	6.00	1.30	33650.00	11.60	16260.00	64.00	.70	4999.00	718.00	12970.00	128.00
423137	56.00	8.90	14.00	.90	23680.00	50.10	19470.00	167.00	1.50	3666.00	559.00	17740.00	174.00
423138	100.00	7.40	10.00	1.10	38430.00	10.50	14460.00	62.00	.70	6978.00	1050.00	11450.00	-37.00
423139	49.00	8.70	9.00	1.10	45070.00	18.70	19690.00	92.00	1.00	6201.00	508.00	18640.00	174.00
423140	101.00	7.40	7.00	1.20	37860.00	10.60	13290.00	58.00	.70	3694.00	1176.00	10420.00	99.00
423141	83.00	4.70	12.00	1.60	39950.00	17.70	12330.00	78.00	1.00	7883.00	641.00	9181.00	90.00
423142	66.00	6.20	8.00	1.80	41910.00	5.70	10570.00	40.00	.50	8658.00	892.00	6927.00	-35.00
423143	90.00	3.80	6.00	1.40	35440.00	7.90	10220.00	39.00	.40	7342.00	910.00	6373.00	-28.00
423144	91.00	5.10	4.00	1.30	42390.00	6.50	-4150.00	35.00	.30	6011.00	1569.00	6346.00	-35.00
423145	111.00	5.40	5.00	1.50	36750.00	7.20	16330.00	38.00	.40	9269.00	496.00	8067.00	61.00
423146	95.00	4.30	6.00	1.10	34970.00	5.80	11780.00	36.00	.30	10048.00	313.00	10450.00	-36.00
423148	95.00	6.40	6.00	1.80	49790.00	6.90	14450.00	42.00	.50	7261.00	541.00	6685.00	70.00
423151	96.00	6.50	6.00	1.30	38220.00	10.70	13360.00	49.00	.50	7552.00	339.00	7402.00	-33.00
423152	96.00	4.50	8.00	1.60	34020.00	9.40	12320.00	38.00	.50	7753.00	329.00	7259.00	79.00
423153	84.00	4.90	5.00	1.40	29510.00	6.00	13410.00	25.00	.40	5465.00	407.00	7769.00	62.00
423154	266.00	4.00	12.00	2.10	38660.00	19.30	8487.00	41.00	1.00	8859.00	1038.00	7981.00	-34.00
423155	-16.00	-2.70	-2.00	-.40	122000.00	-1.70	-6462.00	-7.00	-.20	11020.00	1482.00	144.00	-74.00
423160	288.00	3.00	5.00	1.50	31210.00	8.60	12420.00	40.00	.30	9259.00	409.00	14060.00	-30.00
423165	37.00	-2.90	-2.00	-.50	21340.00	-1.80	-6167.00	26.00	-.20	-2787.00	1024.00	4475.00	-58.00

PL. FILE - SAMPLE SET

SAMPLE NO.	11 PPM	12 PPM	13 PPM	14 PPM	15 PPM	16 PPM	17 PPM	18 PPM	19 PPM	20 PPM	21 PPM	22 PPM	23 PPM
423017	-1.00	12.70	6.40	-255.00	-1.00	-1.00	16.40	4707.00	170.00	1.00	42.00	2.0400	
423018	-3.00	14.00	4.50	-245.00	-2.00	-1.00	7.00	5244.00	150.00	4.40	-61.00	2.4100	
423020	-1.00	14.60	4.60	-240.00	-2.00	-2.00	8.70	6746.00	164.00	1.00	156.00	3.06700	
423021	-4.00	15.60	6.50	-282.00	-2.00	-2.00	10.70	6682.00	131.00	4.40	-44.00	2.01700	
423022	-3.00	15.10	6.40	-270.00	-2.00	-1.00	9.30	5695.00	134.00	3.10	-60.00	3.14500	
423023	-3.00	14.60	8.10	-284.00	-2.00	-1.00	12.20	5175.00	201.00	6.10	-172.00	4.42500	
423024	-2.00	13.90	7.70	-248.00	-2.00	-1.00	9.60	6035.00	124.00	4.40	176.00	2.59700	
423025	-3.00	15.50	9.20	-369.00	-1.00	-1.00	10.00	5676.00	152.00	5.30	101.00	3.05800	
423032	-2.00	10.80	6.30	479.00	-1.00	-1.00	13.20	4414.00	65.00	4.20	-72.00	3.28900	
423033	-3.00	11.30	6.30	-277.00	-1.00	-1.00	13.90	4021.00	108.00	2.60	87.00	3.50900	
423034	-2.00	12.80	9.20	-225.00	-2.00	-1.00	14.20	4012.00	85.00	5.30	-43.00	2.35300	
423045	-3.00	14.80	4.60	-269.00	-2.00	-1.00	10.60	5611.00	161.00	1.00	100.00	3.46400	
423047	-2.00	16.10	4.40	-305.00	-2.00	-1.00	9.10	4410.00	134.00	-1.40	-58.00	2.04900	
423050	-3.00	15.50	3.30	-244.00	-1.00	-1.00	12.40	5511.00	160.00	2.40	67.00	4.21900	
423070	-4.00	6.50	1.50	-9994.00	-3.00	-1.00	4.30	-9999.00	45.00	-2.40	-56.00	3.06700	
423071	-3.00	13.40	3.50	-227.00	-2.00	-1.00	7.30	4859.00	117.00	-1.60	-45.00	1.59000	
423072	-2.00	16.60	6.20	-248.00	-2.00	-1.00	9.00	5220.00	139.00	4.40	116.00	2.19300	
423073	-3.00	15.40	6.20	-255.00	-1.00	-1.00	8.60	5489.00	132.00	4.40	206.00	2.06200	
423074	-3.00	16.30	7.00	-319.00	-1.00	-1.00	10.70	5215.00	136.00	4.30	-61.00	3.77000	
423076	-2.00	15.80	6.60	-236.00	-2.00	-1.00	13.80	5233.00	167.00	3.50	186.00	3.00200	
423077	-3.00	15.70	15.50	-327.00	3.00	-1.00	34.20	4163.00	144.00	9.00	136.00	1.71200	
423078	-4.00	23.50	6.10	-503.00	-2.00	-1.00	7.20	6886.00	216.00	1.60	189.00	2.88200	
423079	-3.00	20.40	4.40	-316.00	-1.00	-1.00	6.30	5307.00	166.00	-1.90	-56.00	2.40400	
423082	-5.00	3.50	3.60	-466.00	-4.00	-1.00	8.30	-9999.00	23.00	-1.80	-73.00	2.53200	
423122	-3.00	7.20	1.90	-297.00	-2.00	-1.00	4.20	2733.00	66.00	-2.20	-92.00	2.45700	
423123	-2.00	15.10	20.50	-282.00	-2.00	1.00	71.00	5902.00	121.00	8.30	128.00	6.99300	
423124	-2.00	12.60	15.30	-226.00	-2.00	-1.00	35.10	5348.00	112.00	7.00	161.00	5.00000	
423126	-4.00	9.50	23.40	-337.00	-3.00	-1.00	178.80	3136.00	71.00	22.40	-109.00	2.95900	
423133	-2.00	12.30	6.80	-194.00	-1.00	-1.00	10.40	4345.00	125.00	3.70	-88.00	2.59700	
423134	-2.00	13.50	4.50	-255.00	-2.00	-1.00	8.70	4410.00	126.00	2.90	-46.00	2.39800	
423135	-2.00	15.60	6.30	-311.00	-2.00	-1.00	10.90	4846.00	159.00	3.30	133.00	3.21500	
423136	-2.00	11.60	10.70	-283.00	-2.00	-1.00	32.80	3582.00	102.00	6.50	171.00	2.06200	
423137	-2.00	8.90	29.20	-228.00	5.00	-1.00	95.10	4619.00	78.00	15.00	132.00	2.98300	
423138	-3.00	13.70	12.90	-338.00	-2.00	-1.00	30.60	4829.00	121.00	7.90	-52.00	1.46200	
423139	-2.00	8.90	16.10	-303.00	5.00	-1.00	63.80	3337.00	70.00	9.60	70.00	4.52700	
423140	-3.00	13.50	11.50	-341.00	-2.00	-1.00	26.30	4835.00	119.00	7.70	94.00	2.28800	
423141	-2.00	11.20	13.60	-203.00	-2.00	1.00	36.50	5153.00	119.00	8.60	66.00	3.95300	
423142	-2.00	13.90	6.00	-275.00	-1.00	-1.00	8.20	5282.00	133.00	3.20	-50.00	2.37500	
423143	-2.00	11.10	-6.60	-293.00	-2.00	-9999.00	9.20	3933.00	114.00	4.20	-43.00	1.98400	
423144	-2.00	12.70	5.90	-355.00	-1.00	-1.00	8.90	4478.00	147.00	3.20	-103.00	2.99400	
423145	-3.00	16.30	6.20	-219.00	-2.00	-1.00	10.30	4601.00	159.00	4.90	-82.00	3.94600	
423146	-3.00	15.30	4.70	-224.00	-2.00	-1.00	7.50	5013.00	131.00	-1.60	-54.00	2.06200	
423148	-3.00	14.80	6.60	-241.00	-2.00	-1.00	11.90	5770.00	145.00	3.50	241.00	3.67600	
423151	-2.00	14.80	5.80	-198.00	-2.00	-1.00	9.90	7850.00	132.00	4.40	-44.00	2.73200	
423152	-2.00	14.10	7.00	-200.00	-2.00	-1.00	13.20	5548.00	133.00	3.50	-116.00	4.31000	
423153	-3.00	13.50	5.40	-223.00	-1.00	-1.00	8.20	4463.00	130.00	4.30	131.00	2.81700	
423154	-2.00	13.50	12.00	-259.00	-2.00	1.00	16.10	7678.00	124.00	9.50	131.00	3.31100	
423155	-3.00	.50	-9.90	-356.00	-2.00	-1.00	-1.90	-9999.00	-15.00	-2.40	-105.00	0.00000	
423160	-2.00	11.50	4.20	-259.00	-2.00	-1.00	9.90	4881.00	118.00	4.40	71.00	3.10600	
423165	-4.00	6.90	3.40	-535.00	-4.00	-1.00	9.10	-9999.00	67.00	-2.50	-109.00	1.94600	

DEPT. OF THE INTERIOR

PG. ONE - SAMPLE SET 2

SAMPLE NO.	LAB.	EDUC.	PK	COND.	SCHEM.	MAXIMUM PPM	SILICA PPM	SYNTH. PPM	CANADIAN PPM	COMMON PPM	STAGIRIA PPM	SILICA PPM	ORAG PPM	TEQ PPM	FOUNDED PPM
423167	66.2551	151.6006	6.	4.0	18.	4.05	-5.00	-5.00	-5.00	23.00	-11.00	-15.00	6.00	-10.00	-15.00
423179	66.2667	152.7134	9.	4.0	8.	3.64	-5.00	-5.00	-5.00	24.00	-20.00	50.00	9.00	-10.00	-15.00
423180	66.2681	152.8661	9.	2.0	8.	3.54	-5.00	-5.00	-5.00	24.00	-20.00	44.00	10.00	-10.00	-15.00
423181	66.2678	152.8639	9.	11.0	0.	2.00	-5.00	-5.00	-5.00	14.00	-20.00	45.00	-5.00	-10.00	-15.00
423182	66.2744	152.9561	6.	19.0	8.	3.76	-5.00	-5.00	-5.00	15.00	-20.00	34.00	-5.00	-10.00	-15.00
423187	66.3272	152.7250	6.	41.0	14.	3.00	-5.00	-5.00	-5.00	23.00	-20.00	35.00	9.00	-10.00	-15.00
423190	66.3223	152.5828	6.	62.0	10.	2.71	-5.00	-5.00	-5.00	19.00	-20.00	20.00	9.00	-10.00	-15.00
423191	66.3223	152.5692	6.	59.0	10.	3.02	-5.00	-5.00	-5.00	34.00	-20.00	28.00	10.00	-10.00	-15.00
423214	66.3573	152.6711	6.	25.0	6.	2.74	-5.00	-5.00	-5.00	29.00	-20.00	24.00	11.00	-10.00	-15.00
423226	66.2742	152.6544	6.	70.0	0.	3.73	-5.00	-5.00	-5.00	26.00	-20.00	28.00	8.00	-10.00	-15.00
423230	66.0411	150.6089	6.	47.0	7.	3.09	-5.00	-5.00	-5.00	29.00	-20.00	24.00	7.00	-10.00	-15.00
423232	66.0661	150.9069	6.	17.0	19.	24.66	-5.00	-5.00	-5.00	17.00	-20.00	17.00	45.00	14.00	38.00
423233	66.0508	150.8942	7.	18.0	14.	12.16	-5.00	-5.00	-5.00	23.00	-20.00	-15.00	43.00	-10.00	18.00
423234	66.0784	150.7911	7.	16.0	4.	3.44	-5.00	-5.00	-5.00	27.00	-20.00	21.00	9.00	-10.00	-15.00
423235	66.0497	151.0121	7.	17.0	19.	32.60	-5.00	-5.00	-5.00	27.00	-20.00	18.00	42.00	36.00	-15.00
423236	66.0661	151.0139	8.	18.0	49.	39.73	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423237	66.0623	151.0125	6.	18.0	40.	43.73	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423238	66.0623	151.0125	6.	17.0	20.	42.72	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423239	66.0623	151.0125	6.	18.0	30.	50.55	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423240	66.0642	151.0119	6.	18.0	29.	38.58	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423241	66.0681	151.0861	6.	17.0	16.	32.42	-5.00	-5.00	-5.00	24.00	-20.00	24.00	50.00	67.00	67.00
423242	66.0500	151.1806	6.	12.0	40.	41.90	-5.00	-5.00	-5.00	18.00	-20.00	14.00	24.00	30.00	34.00
423243	66.0458	151.2308	6.	19.0	40.	41.47	-5.00	-5.00	-5.00	-10.00	-20.00	24.00	17.00	18.00	23.00
423244	66.0500	151.2606	6.	10.0	30.	34.29	-5.00	-5.00	-5.00	29.00	-20.00	34.00	6.00	11.00	-15.00
423245	66.0594	151.4400	5.	10.0	9.	3.74	-5.00	-5.00	-5.00	74.00	-20.00	58.00	7.00	-10.00	20.00
423246	66.0681	151.3731	5.	14.0	19.	4.51	-5.00	-5.00	-5.00	32.00	-20.00	37.00	9.00	-10.00	-15.00
423247	66.1269	151.3278	5.	9.0	40.	34.20	-5.00	-5.00	-5.00	11.00	-20.00	-15.00	30.00	44.00	25.00
423248	66.1536	151.3269	5.	12.0	16.	30.67	-5.00	-5.00	-5.00	37.00	-20.00	33.00	16.00	-10.00	-15.00
423249	66.0592	151.4675	6.	4.0	8.	3.91	-5.00	-5.00	-5.00	25.00	-20.00	34.00	12.00	-10.00	-15.00
423257	66.0664	152.6944	6.	8.0	7.	3.52	-5.00	-5.00	-5.00	36.00	-20.00	36.00	13.00	-10.00	-15.00
423258	66.0658	152.7656	6.	9.0	6.	3.71	-5.00	-5.00	-5.00	35.00	-20.00	31.00	9.00	-10.00	-15.00
423259	66.0689	152.8822	6.	33.0	7.	2.94	-5.00	-5.00	-5.00	30.00	-20.00	44.00	-5.00	-10.00	-15.00
423260	66.0403	152.9742	6.	18.0	8.	3.32	-5.00	-5.00	-5.00	44.00	-20.00	34.00	-5.00	-10.00	-15.00
423261	66.0181	152.9873	6.	62.0	7.	3.32	-5.00	-5.00	-5.00	47.00	-20.00	48.00	-5.00	-10.00	-15.00
423264	66.0200	152.6297	6.	9.0	4.	2.74	-5.00	-5.00	-5.00	27.00	-20.00	46.00	6.00	-10.00	-15.00
423266	66.2997	150.3450	6.	14.0	12.	3.64	-5.00	-5.00	-5.00	29.00	-20.00	40.00	9.00	-10.00	-15.00
423276	66.3286	151.0878	5.	14.0	14.	3.40	-5.00	-5.00	-5.00	23.00	-20.00	17.00	13.00	-10.00	-15.00
423280	66.3017	151.6069	6.	9.0	16.	3.94	-5.00	-5.00	-5.00	30.00	-20.00	18.00	-5.00	-10.00	-15.00
423281	66.3194	151.5906	6.	19.0	12.	5.54	-5.00	-5.00	-5.00	24.00	-20.00	18.00	7.00	-10.00	-15.00
423309	66.3689	151.2383	6.	8.0	16.	5.90	-5.00	-5.00	-5.00	13.00	-20.00	-15.00	8.00	-10.00	-15.00
423310	66.3697	151.1806	6.	11.0	8.	3.73	-5.00	-5.00	-5.00	18.00	-20.00	23.00	12.00	-10.00	-15.00
423312	66.4308	151.0294	6.	15.0	7.	4.13	-5.00	-5.00	-5.00	12.00	-20.00	-15.00	10.00	-10.00	-15.00
423314	66.4131	151.1228	6.	11.0	8.	6.57	-5.00	-5.00	-5.00	10.00	-20.00	-15.00	9.00	-10.00	-15.00
423315	66.3903	151.1433	6.	12.0	4.	4.03	-5.00	-5.00	-5.00	14.00	-20.00	19.00	10.00	-10.00	-15.00
423319	66.3911	151.4894	5.	9.0	8.	3.93	-5.00	-5.00	-5.00	16.00	-20.00	-15.00	-5.00	-10.00	-15.00
423331	66.4617	151.1700	5.	11.0	3.	3.36	-5.00	-5.00	-5.00	18.00	-20.00	-15.00	-5.00	-10.00	-15.00
423333	66.4850	151.0633	6.	10.0	10.	7.92	-5.00	-5.00	-5.00	16.00	-20.00	32.00	13.00	-10.00	-15.00
423362	66.3461	150.8397	10.	729.0	15.	23.67	-5.00	-5.00	-5.00	-10.00	-20.00	21.00	31.00	28.00	42.00
423363	66.2283	150.2453	6.	6.0	10.	3.67	-5.00	-5.00	-5.00	37.00	-20.00	34.00	7.00	-10.00	-15.00
423365	66.1975	150.1989	6.	7.0	6.	3.01	-5.00	-5.00	-5.00	32.00	-20.00	33.00	7.00	-10.00	-15.00

BATTLES VERTICAL SEGMENT

SAMPLE SET

2

SAMPLE NO.	AS PPR	SI PPR	FI PPR	FO PPR	LI PPR	ET PPR	A. PPR	SE	BT PPR	PE PPR	CE PPR	CO PPR	JO PPR
423267	0.00	-3.00	117.00	-9999.00	-9999.00	-9999.00	67750.00	-0.11	3340.00	1811.00	90.00	-109.00	10.30
423279	10.00	-5.00	248.00	-9999.00	-9999.00	-9999.00	61250.00	-0.11	803.00	7811.00	119.00	-91.00	19.70
423280	11.00	-5.00	138.00	-9999.00	-9999.00	-9999.00	64900.00	-0.17	660.00	5004.00	64.00	-86.00	17.00
423281	8.00	-5.00	156.00	-9999.00	-9999.00	-9999.00	58050.00	-0.04	776.00	9044.00	72.00	-93.00	18.40
423282	9.00	-5.00	259.00	-9999.00	-9999.00	-9999.00	59870.00	-0.04	577.00	9070.00	91.00	-107.00	19.00
423287	11.00	-5.00	210.00	-9999.00	-9999.00	-9999.00	56790.00	-0.10	646.00	11150.00	85.00	-91.00	19.30
423290	6.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	49920.00	-0.07	662.00	8714.00	72.00	-93.00	19.60
423291	14.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	60630.00	-0.10	857.00	12470.00	93.00	-97.00	18.40
423294	9.00	-5.00	196.00	-9999.00	-9999.00	-9999.00	53880.00	-0.08	788.00	9506.00	76.00	-85.00	19.50
423226	13.00	-5.00	342.00	-9999.00	-9999.00	-9999.00	54660.00	-0.08	763.00	11550.00	101.00	-90.00	17.60
423230	12.00	-5.00	261.00	-9999.00	-9999.00	-9999.00	48360.00	-0.07	585.00	10350.00	87.00	-71.00	15.00
423232	18.00	-5.00	445.00	-9999.00	-9999.00	-9999.00	67690.00	-0.10	508.00	6455.00	312.00	-127.00	8.40
423233	22.00	-5.00	425.00	-9999.00	-9999.00	-9999.00	80140.00	-0.10	486.00	8038.00	200.00	235.00	1.60
423234	21.00	-5.00	231.00	-9999.00	-9999.00	-9999.00	63570.00	-0.09	1052.00	5697.00	93.00	-81.00	20.70
423235	16.00	-5.00	524.00	-9999.00	-9999.00	-9999.00	65960.00	-0.11	571.00	7038.00	310.00	-184.00	20.60
423236	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	73250.00	-0.10	-194.00	4982.00	288.00	-130.00	11.40
423237	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	75870.00	-0.10	-189.00	-1179.00	244.00	-138.00	23.30
423238	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	71790.00	-0.09	-168.00	-1107.00	240.00	-127.00	11.20
423239	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	68460.00	-0.10	314.00	4327.00	342.00	-164.00	11.80
423240	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	72380.00	-0.10	368.00	5189.00	249.00	-137.00	11.50
423241	34.00	-5.00	409.00	-9999.00	-9999.00	-9999.00	72190.00	-0.13	-263.00	-1526.00	306.00	-157.00	16.40
423242	32.00	-5.00	722.00	-9999.00	-9999.00	-9999.00	72070.00	-0.09	-157.00	8196.00	498.00	-119.00	7.90
423243	19.00	-5.00	1210.00	-9999.00	-9999.00	-9999.00	86450.00	-0.10	650.00	11298.00	402.00	-129.00	12.60
423244	32.00	-5.00	256.00	-9999.00	-9999.00	-9999.00	74310.00	-0.43	588.00	13568.00	279.00	-146.00	26.40
423245	33.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	89100.00	-0.14	659.00	-3099.00	136.00	-248.00	185.80
423246	29.00	-5.00	240.00	-9999.00	-9999.00	-9999.00	73510.00	-0.10	945.00	5098.00	105.00	-84.00	34.70
423247	34.00	-5.00	526.00	-9999.00	-9999.00	-9999.00	75570.00	-0.09	623.00	8928.00	378.00	-122.00	7.60
423248	23.00	-5.00	182.00	-9999.00	-9999.00	-9999.00	86710.00	-0.12	829.00	10818.00	82.00	-109.00	19.60
423249	24.00	-5.00	272.00	-9999.00	-9999.00	-9999.00	81610.00	-0.09	664.00	8103.00	108.00	-85.00	13.50
423257	7.00	-5.00	210.00	-9999.00	-9999.00	-9999.00	66700.00	-0.11	893.00	10838.00	62.00	-101.00	17.80
423258	18.00	-5.00	203.00	-9999.00	-9999.00	-9999.00	65200.00	-0.09	848.00	9700.00	77.00	-93.00	17.20
423259	35.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	63590.00	-0.13	804.00	12830.00	79.00	-238.00	73.70
423260	18.00	-5.00	197.00	-9999.00	-9999.00	-9999.00	69460.00	-0.12	789.00	10410.00	92.00	-100.00	19.60
423261	13.00	-5.00	186.00	-9999.00	-9999.00	-9999.00	67760.00	-0.10	786.00	10910.00	61.00	-96.00	16.40
423264	10.00	-5.00	217.00	-9999.00	-9999.00	-9999.00	61030.00	-0.11	830.00	14620.00	81.00	-105.00	18.00
423266	10.00	-5.00	268.00	-9999.00	-9999.00	-9999.00	56330.00	-0.08	776.00	8030.00	104.00	-90.00	15.60
423276	7.00	-5.00	245.00	-9999.00	-9999.00	-9999.00	62790.00	-0.08	695.00	9568.00	72.00	-90.00	12.40
423280	9.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	65080.00	-0.11	957.00	13200.00	74.00	-110.00	-1.70
423281	20.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	71470.00	-0.07	1270.00	20460.00	86.00	-129.00	12.90
423309	-5.00	-5.00	181.00	-9999.00	-9999.00	-9999.00	63200.00	-0.07	1104.00	12090.00	111.00	-117.00	19.80
423310	-5.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	73740.00	-0.09	1238.00	15860.00	90.00	-114.00	13.20
423312	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	70970.00	-0.09	786.00	7918.00	79.00	-94.00	12.40
423314	9.00	-5.00	185.00	-9999.00	-9999.00	-9999.00	68290.00	-0.10	1102.00	13050.00	100.90	-122.00	18.70
423315	-5.00	-5.00	201.00	-9999.00	-9999.00	-9999.00	72070.00	-0.09	974.00	16370.00	86.00	-107.00	14.80
423319	7.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	65130.00	-0.08	1323.00	12650.00	72.00	-112.00	8.40
423331	-5.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	60290.00	-0.12	842.00	-1155.00	62.00	-113.00	7.90
423333	7.00	-5.00	261.00	-9999.00	-9999.00	-9999.00	68450.00	-0.09	891.00	17370.00	99.00	-105.00	13.40
423362	11.00	-5.00	1717.00	-9999.00	-9999.00	-9999.00	64190.00	-0.10	446.00	22380.00	168.00	-113.00	9.60
423363	18.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	72940.00	-0.09	947.00	11170.00	67.00	-84.00	21.10
423365	18.00	-5.00	206.00	-9999.00	-9999.00	-9999.00	51540.00	-0.07	501.00	13590.00	79.00	-89.00	15.70

SAMPLE NO.	P	CS	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR
NO.	P	CS	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR	PPR
423167	77.00	1.10	4.00	1.50	70162.00	4.50	9366.00	41.00	.34	5967.00	488.00	12250.00	-31.00
423179	131.00	1.80	7.00	1.80	24790.00	11.20	11330.00	44.00	.34	4071.00	397.00	10880.00	-37.00
423180	111.00	-2.50	5.00	1.30	43280.00	4.60	14720.00	25.00	.36	7122.00	315.00	8899.00	-42.00
423181	88.00	3.40	6.00	1.40	94980.00	7.10	10780.00	25.00	.38	8031.00	434.00	10810.00	-35.00
423182	126.00	3.20	7.00	1.70	41900.00	11.80	9181.00	41.00	.40	9326.00	642.00	11530.00	-40.00
423187	99.00	2.90	6.00	1.40	36710.00	8.60	8832.00	35.00	.38	7025.00	582.00	11200.00	-35.00
423190	87.00	-1.60	5.00	1.40	30800.00	7.50	9781.00	34.00	.40	6640.00	531.00	10770.00	-30.00
423191	102.00	-2.10	5.00	1.30	38740.00	7.10	12550.00	36.00	.40	9026.00	696.00	10720.00	-36.00
423214	77.00	4.70	6.00	1.40	33230.00	6.90	13820.00	33.00	.38	7580.00	383.00	10800.00	-29.00
423226	130.00	3.90	7.00	1.80	37420.00	12.30	8537.00	45.00	.50	8674.00	762.00	11540.00	-29.00
423230	97.00	1.80	7.00	1.40	35080.00	9.40	10810.00	44.00	.50	8817.00	511.00	8892.00	-27.00
423232	72.00	11.70	13.00	.80	28290.00	20.10	10670.00	218.00	1.30	3931.00	1070.00	17220.00	138.00
423233	46.00	10.60	6.00	1.40	40470.00	15.70	13940.00	76.00	.70	6126.00	727.00	17640.00	-30.00
423234	116.00	7.60	7.00	1.50	17730.00	8.50	11070.00	45.00	.50	8103.00	538.00	8179.00	72.00
423235	54.00	13.10	21.00	1.10	11680.00	23.90	13100.00	731.00	2.00	4234.00	1950.00	16210.00	140.00
423236	59.00	16.70	22.00	-1.30	21.00	19.40	21270.00	114.00	2.40	-2498.00	1015.00	17700.00	227.00
423237	31.00	14.60	22.00	.80	24870.00	21.80	20120.00	107.00	2.30	-2468.00	971.00	18240.00	226.00
423238	71.00	16.40	23.00	1.00	26140.00	19.40	19320.00	105.00	2.20	-2235.00	874.00	17120.00	250.00
423239	55.00	16.60	21.00	1.10	22390.00	26.50	24010.00	142.00	2.30	4368.00	986.00	19050.00	212.00
423240	61.00	15.30	19.00	1.00	24890.00	21.20	19850.00	105.00	2.20	-2452.00	1044.00	18690.00	262.00
423241	66.00	16.30	17.00	-1.40	38290.00	19.10	21150.00	134.00	1.80	-2970.00	1386.00	16940.00	204.00
423242	48.00	14.30	20.00	1.30	26940.00	31.10	22040.00	253.00	1.90	4359.00	805.00	17920.00	106.00
423243	63.00	11.00	16.00	1.90	13390.00	44.50	19220.00	175.00	1.50	8109.00	716.00	14580.00	187.00
423244	131.00	9.30	13.00	1.20	52480.00	10.50	14870.00	115.00	1.10	9294.00	2386.00	10310.00	-48.00
423245	159.00	7.80	4.00	1.70	84070.00	3.40	-10800.00	35.00	.40	-5246.00	6175.00	5638.00	-49.00
423246	114.00	12.70	8.00	1.60	46270.00	9.40	15050.00	51.00	.80	8975.00	841.00	7748.00	97.00
423247	54.00	22.50	19.00	1.30	22910.00	20.10	18390.00	149.00	1.50	5381.00	404.00	18640.00	140.00
423248	98.00	21.70	10.00	1.20	36070.00	7.50	8851.00	38.00	.90	9062.00	873.00	10330.00	-43.00
423249	92.00	3.20	7.00	1.50	32110.00	8.70	12970.00	45.00	.50	9201.00	378.00	9747.00	70.00
423257	156.00	-2.20	5.00	1.40	41250.00	6.10	12550.00	26.00	.30	10300.00	470.00	12950.00	-39.00
423258	151.00	4.10	5.00	1.30	43090.00	6.10	13530.00	34.00	.40	10920.00	430.00	12960.00	69.00
423259	122.00	3.70	6.00	1.70	69520.00	4.00	-10970.00	39.00	.30	10890.00	5179.00	8022.00	-63.00
423260	163.00	4.10	6.00	1.40	44130.00	6.40	13140.00	35.00	.50	10720.00	603.00	11480.00	-39.00
423261	149.00	4.30	5.00	1.40	42720.00	6.50	11570.00	35.00	.40	9860.00	408.00	13890.00	-37.00
423264	161.00	2.80	5.00	1.50	18980.00	6.70	-3451.00	24.00	.40	12060.00	650.00	13120.00	-39.00
423266	80.00	4.10	7.00	1.40	35030.00	9.40	10440.00	58.00	.50	7070.00	399.00	9989.00	62.00
423276	59.00	1.70	4.00	1.20	27980.00	8.40	10890.00	35.00	.30	7908.00	358.00	13280.00	-28.00
423280	41.00	-2.30	3.00	1.30	18620.00	2.80	9223.00	33.00	-1.10	-2014.00	297.00	10080.00	-43.00
423281	48.00	3.40	3.00	1.00	28740.00	5.30	11470.00	47.00	.70	7361.00	1673.00	15870.00	-20.00
423309	68.00	3.80	4.00	1.60	26890.00	7.60	13390.00	53.00	.30	7611.00	1406.00	14450.00	88.00
423310	86.00	3.70	5.00	1.50	29790.00	6.20	12700.00	41.00	.30	8585.00	407.00	15240.00	-36.00
423312	68.00	3.80	3.00	1.20	28900.00	5.00	12830.00	38.00	.30	6458.00	348.00	12040.00	-36.00
423314	112.00	4.50	4.00	1.50	28000.00	7.10	13520.00	44.00	.40	7506.00	1182.00	13700.00	72.00
423315	123.00	4.10	3.00	1.30	27880.00	7.50	14340.00	45.00	.30	7685.00	436.00	15730.00	-39.00
423319	59.00	2.40	4.00	1.00	23200.00	5.70	19450.00	42.00	.30	5042.00	230.00	15310.00	-32.00
423331	63.00	5.50	4.00	1.20	23030.00	-1.30	10530.00	39.00	-1.10	7057.00	236.00	7316.00	-46.00
423333	157.00	6.10	5.00	1.60	29480.00	10.90	18660.00	44.00	.40	7825.00	740.00	16460.00	94.00
423362	379.00	53.40	10.00	1.60	36880.00	72.50	15780.00	82.00	1.30	6678.00	788.00	18250.00	120.00
423363	102.00	5.70	6.00	1.40	46180.00	6.00	15010.00	85.00	.50	9129.00	900.00	7768.00	60.00
423365	120.00	2.60	4.00	1.30	31950.00	8.60	7833.00	30.00	.40	6764.00	888.00	10850.00	-30.00

BETHLESEM STRAIT SEDIMENT

% FINE - SAMPLE SET 2

SAMPLE NO.	SC PPK	FC PPK	BR PPK	SP PPK	YI PPK	YE PPK	YM PPK	YL PPK	I PPK	FG PPK	ZO PPK	TH/W RATIO
423167	-3.00	9.00	9.90	472.00	-1.00	-1.00	9.70	1599.00	82.00	2.00	-90.00	2.39200
423179	-3.00	19.40	7.90	-246.00	-2.00	-1.00	11.20	6047.00	198.00	0.00	109.00	3.05800
423180	-3.00	16.40	4.90	-223.00	-2.00	-1.00	9.20	5227.00	180.00	-2.10	-56.00	2.59700
423181	-2.00	13.40	4.80	-223.00	-2.00	-1.00	9.40	5127.00	120.00	-4.30	-80.00	3.35600
423182	-3.00	15.00	8.50	-265.00	-1.00	-1.00	14.50	6172.00	130.00	6.80	-98.00	3.06100
423187	-3.00	13.40	7.30	-268.00	-1.00	-1.00	9.00	9620.00	120.00	4.50	-39.00	3.10500
423190	-2.00	12.10	5.70	-226.00	-1.00	-1.00	9.30	4950.00	100.00	3.60	75.00	3.43000
423191	-3.00	14.90	6.40	-296.00	-1.00	-1.00	10.70	4340.00	136.00	5.30	91.00	3.54600
423214	-2.00	13.40	5.80	-204.00	-1.00	-1.00	9.90	4685.00	124.00	3.70	-65.00	3.47200
423226	-2.00	13.70	7.70	-237.00	-1.00	-1.00	12.00	5251.00	118.00	5.00	93.00	3.43600
423230	-2.00	11.30	7.00	-182.00	-1.00	-1.00	11.20	4274.00	95.00	4.90	93.00	3.67600
423232	-3.00	8.40	24.00	-387.00	-2.00	1.00	08.40	3689.00	84.00	15.70	109.00	3.58400
423233	-3.00	13.30	14.80	-293.00	-2.00	-1.00	09.70	4035.00	76.00	9.90	-49.00	3.59700
423234	-2.00	14.50	7.10	-224.00	-1.00	-1.00	11.80	4893.00	146.00	3.90	87.00	3.29000
423235	-3.00	9.70	26.30	-376.00	5.00	-1.00	119.50	2786.00	61.00	21.60	137.00	3.54600
423236	-3.00	8.60	31.70	-382.00	6.00	2.00	110.50	2200.00	63.00	19.10	182.00	2.77800
423237	-3.00	7.60	35.80	-365.00	-2.00	1.00	101.60	9999.00	65.00	20.50	246.00	2.32000
423238	-2.00	8.90	24.50	-320.00	7.00	2.00	103.00	2332.00	42.00	21.70	211.00	2.41000
423239	-3.00	6.00	34.00	-393.00	5.00	1.00	119.50	2215.00	46.00	16.70	160.00	2.26400
423240	-3.00	6.00	27.80	-407.00	5.00	-1.00	103.30	2496.00	67.00	21.00	131.00	2.68100
423241	-3.00	10.50	31.10	-489.00	3.00	2.00	123.30	2462.00	86.00	23.60	-82.00	2.39200
423242	-2.00	9.70	14.90	-290.00	-2.00	-1.00	142.50	3265.00	76.00	18.90	75.00	1.57200
423243	-3.00	12.20	31.40	-309.00	-2.00	-1.00	109.40	3671.00	90.00	13.00	-47.00	2.00000
423244	-4.00	15.10	24.00	-385.00	-2.00	-1.00	99.10	3257.00	110.00	11.10	144.00	1.18000
423245	-4.00	22.60	7.20	-905.00	-2.00	-1.00	16.00	997.00	145.00	-2.40	-101.00	4.27400
423246	-3.00	16.50	8.10	-265.00	-2.00	-1.00	16.50	611.00	153.00	7.90	130.00	3.66300
423247	-2.00	9.70	30.60	-246.00	5.00	2.00	99.00	411.00	71.00	16.10	85.00	2.89900
423248	-3.00	14.20	12.00	-367.00	5.00	-1.00	17.30	411.00	111.00	6.60	-55.00	3.56400
423249	-2.00	14.70	7.10	-215.00	-1.00	-1.00	14.10	411.00	111.00	5.90	-49.00	3.56300
423250	-3.00	17.10	4.70	-255.00	-1.00	-1.00	9.50	521.00	111.00	-2.40	-70.00	3.69500
423251	-2.00	16.60	5.90	-219.00	-2.00	-1.00	10.00	514.00	141.00	3.30	106.00	2.94100
423259	-4.00	17.60	5.80	-873.00	-3.00	-1.00	9.80	3166.00	141.00	-2.90	98.00	3.33300
423260	-3.00	18.30	6.10	-290.00	-1.00	-1.00	10.90	5794.00	270.00	2.70	-58.00	3.27900
423261	-3.00	19.30	4.50	-227.00	-2.00	-1.00	8.60	4975.00	145.00	3.20	-35.00	2.59100
423264	-3.00	16.30	6.20	-309.00	-2.00	-1.00	9.20	4948.00	132.00	5.10	184.00	3.35600
423266	-2.00	13.00	6.00	-209.00	-2.00	-1.00	17.90	5425.00	110.00	7.40	181.00	4.90200
423276	-2.00	11.60	4.20	-206.00	-1.00	-1.00	9.40	4993.00	105.00	5.40	-32.00	2.76200
423280	-3.00	11.30	3.90	-262.00	-2.00	-1.00	9.30	2055.00	60.00	-2.10	-59.00	2.35800
423281	-2.00	9.10	5.60	-375.00	-1.00	-1.00	13.70	3196.00	72.00	2.00	73.00	2.47500
423309	-2.00	10.60	5.60	-329.00	-2.00	-1.00	12.60	4106.00	74.00	4.20	94.00	2.13700
423310	-2.00	12.50	6.30	-234.00	-1.00	-1.00	12.60	4038.00	61.00	2.10	120.00	3.37700
423312	-3.00	12.80	3.60	-228.00	-2.00	-1.00	11.00	3355.00	95.00	-1.70	-49.00	2.66700
423314	-3.00	11.00	7.60	-401.00	-2.00	-1.00	14.20	3879.00	83.00	3.40	96.00	2.16000
423315	-2.00	13.10	6.80	-261.00	-2.00	-1.00	10.30	4863.00	86.00	2.00	-52.00	2.55800
423319	-2.00	9.60	5.20	-334.00	-1.00	-1.00	12.40	3413.00	75.00	2.20	106.00	3.15500
423331	-3.00	10.80	3.80	-254.00	-2.00	-1.00	8.50	3484.00	72.00	-2.10	-76.00	2.53200
423333	-2.00	12.30	6.70	-291.00	-2.00	-1.00	19.70	3565.00	99.00	4.40	130.00	2.35800
423362	-4.00	12.30	16.00	-280.00	-2.00	-1.00	67.80	6497.00	71.00	11.60	-49.00	2.06500
423363	-3.00	17.40	5.60	-263.00	-2.00	-1.00	9.30	5276.00	169.00	3.40	109.00	2.53200
423365	-2.00	12.80	4.60	-260.00	-1.00	-1.00	9.50	4124.00	98.00	4.70	-42.00	3.15500

SPR. NO.	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335
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DETERMINATION OF SEDIMENT

TABLE 1 - SAMPLE SET

8

SAMPLE NO.	AS PPM	SE PPM	TE PPM	PC PPM	LT PPM	LI PPM	AL PPM	AL PPM	AL PPM	AL PPM	AL PPM	AL PPM	AL PPM
423366	61.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	67360.00	-1.10	715.00	9771.00	67.00	-122.00	23.00
423367	13.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	51710.00	-1.00	630.00	12730.00	92.00	-94.00	13.00
423369	11.00	-5.00	1321.00	-9999.00	-9999.00	-9999.00	67360.00	-1.17	751.00	26340.00	490.00	-115.00	13.40
423377	36.00	-5.00	94.00	-9999.00	-9999.00	-9999.00	49360.00	-1.15	851.00	10510.00	73.00	-125.00	19.00
423378	14.00	-5.00	272.00	-9999.00	-9999.00	-9999.00	62640.00	-1.04	667.00	11150.00	153.00	-99.00	8.40
423382	6.00	-5.00	178.00	-9999.00	-9999.00	-9999.00	53390.00	-1.04	901.00	12360.00	77.00	-80.00	10.10
423383	6.00	-5.00	252.00	-9999.00	-9999.00	-9999.00	50510.00	-1.04	675.00	14640.00	87.00	-86.00	12.20
423385	-5.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	69360.00	-1.16	760.00	7430.00	67.00	-80.00	17.40
423386	5.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	60900.00	-1.09	717.00	9391.00	102.00	-90.00	13.70
423387	6.00	-5.00	206.00	-9999.00	-9999.00	-9999.00	67910.00	-1.09	974.00	10880.00	122.00	-86.00	16.40
423388	41.00	-5.00	930.00	-9999.00	-9999.00	-9999.00	66720.00	-1.11	809.00	26390.00	171.00	-170.00	23.40
423389	7.00	-5.00	164.00	-9999.00	-9999.00	-9999.00	60880.00	-1.10	1056.00	14900.00	83.00	-111.00	14.00
423390	7.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	77990.00	-1.10	747.00	17040.00	336.00	-118.00	11.40
423391	-5.00	-5.00	267.00	-9999.00	-9999.00	-9999.00	79000.00	-1.04	711.00	13000.00	113.00	-119.00	9.00
423392	11.00	-5.00	264.00	-9999.00	-9999.00	-9999.00	80510.00	-1.00	787.00	13300.00	194.00	-116.00	10.00
423393	10.00	-5.00	245.00	-9999.00	-9999.00	-9999.00	75410.00	-1.04	766.00	25450.00	116.00	-139.00	19.30
423394	12.00	-5.00	261.00	-9999.00	-9999.00	-9999.00	62260.00	-1.16	693.00	13820.00	220.00	-156.00	46.30
423395	-5.00	-5.00	449.00	-9999.00	-9999.00	-9999.00	79210.00	-1.12	667.90	35520.00	141.00	-142.00	28.60
423396	22.00	-5.00	516.00	-9999.00	-9999.00	-9999.00	63040.00	-1.11	-772.00	10350.00	226.00	-154.00	27.50
423397	13.00	-5.00	219.00	-9999.00	-9999.00	-9999.00	65090.00	-1.10	975.00	9672.00	118.00	-90.00	22.90
423398	7.00	-5.00	431.00	-9999.00	-9999.00	-9999.00	66750.00	-1.10	631.00	10570.00	194.00	-116.00	13.40
423399	11.00	-5.00	297.00	-9999.00	-9999.00	-9999.00	64950.00	-1.10	660.00	11810.00	104.00	-104.00	25.10
423400	7.00	-5.00	168.00	-9999.00	-9999.00	-9999.00	65670.00	-1.04	701.00	6809.00	60.00	-70.00	12.10
423401	16.00	-5.00	520.00	-9999.00	-9999.00	-9999.00	57930.00	-1.08	430.00	10990.00	120.00	-104.00	10.50
423402	24.00	-5.00	320.00	-9999.00	-9999.00	-9999.00	58980.00	-1.10	670.00	13980.00	109.00	-89.00	13.70
423403	17.00	-5.00	192.00	-9999.00	-9999.00	-9999.00	67180.00	-1.09	691.00	14920.00	82.00	-93.00	10.60
423404	25.00	-5.00	260.00	-9999.00	-9999.00	-9999.00	68300.00	-1.10	550.00	17310.00	135.00	-89.00	23.10
423405	9.00	-5.00	973.00	-9999.00	-9999.00	-9999.00	73840.00	-1.12	684.00	24080.00	149.00	-174.00	30.10
423406	10.00	-5.00	573.00	-9999.00	-9999.00	-9999.00	72720.00	-1.11	726.00	16870.00	170.00	-135.00	42.10
423407	5.00	-5.00	285.00	-9999.00	-9999.00	-9999.00	71800.00	-1.10	620.00	13900.00	109.00	-106.00	11.90
423408	14.00	-5.00	307.00	-9999.00	-9999.00	-9999.00	64170.00	-1.11	-339.00	10500.00	147.00	-192.00	37.10
423409	12.00	-5.00	449.00	-9999.00	-9999.00	-9999.00	61350.00	-1.07	602.00	10390.00	105.00	-100.00	9.90
423410	24.00	-5.00	1062.00	-9999.00	-9999.00	-9999.00	60350.00	-1.11	667.00	10190.00	360.00	-110.00	20.90
423411	24.00	-5.00	366.00	-9999.00	-9999.00	-9999.00	60770.00	-1.12	-362.00	9720.00	173.00	-191.00	54.50
423412	40.00	-5.00	197.00	-9999.00	-9999.00	-9999.00	60710.00	-1.11	900.00	17670.00	64.00	-117.00	36.30
423414	8.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	55010.00	-1.11	690.00	14380.00	68.00	-101.00	24.70
423415	-5.00	-5.00	25.00	-9999.00	-9999.00	-9999.00	7170.00	-1.08	-147.00	-601.00	11.00	-147.00	100.20
423423	9.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	59980.00	-1.09	906.90	12980.00	80.00	-100.00	16.40
423427	28.00	-5.00	847.00	-9999.00	-9999.00	-9999.00	73930.00	-1.10	614.00	12220.00	341.00	-126.00	10.00
423428	8.00	-5.00	265.00	-9999.00	-9999.00	-9999.00	53680.00	-1.09	715.00	7657.00	109.00	-106.00	7.20
423429	9.00	-5.00	305.00	-9999.00	-9999.00	-9999.00	62410.00	-1.10	551.00	6804.00	177.00	-104.00	6.70
423430	14.00	-5.00	394.00	-9999.00	-9999.00	-9999.00	56190.00	-1.09	699.00	11990.00	163.00	-99.00	12.00
423436	6.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	80800.00	-1.22	532.00	-1857.00	104.00	-101.00	-3.50
423491	20.00	-5.00	199.00	-9999.00	-9999.00	-9999.00	65460.00	-1.13	1299.00	9143.00	80.00	-85.00	10.10
423498	8.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	56210.00	-1.10	613.00	6515.00	68.00	-90.00	13.00
423514	7.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	57410.00	-1.13	641.00	3499.00	89.00	-104.00	13.90
423521	6.00	-5.00	213.00	-9999.00	-9999.00	-9999.00	57730.00	-1.08	629.00	6574.00	88.00	-90.00	17.00
423530	7.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	56940.00	-1.00	610.00	7469.00	70.00	-91.00	19.20
423531	14.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	75340.00	-1.11	826.00	9509.00	65.00	-112.00	20.10
423541	27.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	80270.00	-1.13	1045.00	5263.00	93.00	-100.00	39.40

GETTLUX STREAM SEDIMENT

PG. THREE - SAMPLE SET B

SAMPLE NO.	CR PPM	CU PPM	GT PPM	FE PPM	FM PPM	MF PPM	CI PPM	SA PPM	EG PPM	MG PPM	PC PPM	NA PPM	RS PPM
423366	136.00	-2.10	6.00	1.00	60310.00	6.10	9492.00	88.00	.50	10460.00	1071.00	9354.00	-40.00
423367	106.00	4.20	6.00	1.40	30160.00	11.10	13420.00	66.00	.50	7171.00	470.00	11390.00	61.00
423369	91.00	5.50	17.00	2.00	41690.00	62.30	16090.00	209.00	1.00	12000.00	1004.00	17610.00	70.00
423377	83.00	-3.10	4.00	1.40	47650.00	4.40	-5117.00	-9.00	.40	6752.00	799.00	6548.00	-60.00
423378	69.00	6.20	6.00	1.10	20330.00	13.90	12220.00	69.00	.50	6777.00	411.00	15300.00	82.00
423382	63.00	3.40	5.00	1.30	25860.00	8.40	9193.00	17.00	.50	7306.00	379.00	11960.00	-20.00
423383	85.00	2.90	5.00	1.30	20810.00	11.10	6436.00	17.00	.40	6711.00	483.00	12720.00	-29.00
423385	111.00	5.40	5.00	1.60	42610.00	0.10	11270.00	12.00	.50	10470.00	501.00	5470.00	77.00
423386	80.00	4.20	6.00	1.30	31910.00	7.80	10740.00	16.00	.50	9332.00	499.00	12130.00	90.00
423397	79.00	5.00	6.00	1.10	36470.00	9.10	14320.00	52.00	.50	6750.00	459.00	11440.00	72.00
423398	50.00	4.90	13.00	2.40	96630.00	22.20	11730.00	99.00	.70	10650.00	1444.00	13190.00	-47.00
423399	117.00	5.40	6.00	1.50	28170.00	8.10	13390.00	30.00	.40	8810.00	381.00	10410.00	-41.00
423390	59.00	6.30	12.00	1.90	10400.00	30.00	17010.00	153.00	1.10	9202.00	438.00	20190.00	91.00
423391	49.00	7.00	6.00	1.30	23940.00	0.60	15140.00	51.00	.50	9273.00	509.00	21540.00	-34.00
423392	53.00	9.80	6.00	1.60	20320.00	12.60	20770.00	86.00	.50	3180.00	401.00	22490.00	97.00
423393	87.00	5.40	6.00	2.10	40840.00	13.90	15240.00	54.00	.50	10660.00	812.00	21630.00	82.00
423394	76.00	8.40	9.00	2.00	61160.00	13.20	17710.00	84.00	.60	9156.00	1731.00	11580.00	-60.00
423395	110.00	6.10	7.00	2.10	99080.00	21.50	14670.00	65.00	.50	16900.00	1659.00	19310.00	-43.00
423396	58.00	7.90	9.00	2.40	61130.00	26.20	-6587.00	96.00	.60	10000.00	3167.00	11720.00	-42.00
423397	89.00	6.80	9.00	1.80	41810.00	9.10	14930.00	58.00	.60	7931.00	706.00	8322.00	-41.00
423398	78.00	5.20	8.00	1.80	35710.00	20.60	12160.00	40.00	.60	9204.00	891.00	17370.00	-34.00
423399	83.00	5.20	5.00	1.50	38340.00	9.10	12870.00	53.00	.40	7277.00	1019.00	10810.00	-38.00
423400	99.00	3.80	4.00	1.20	34540.00	7.50	10820.00	35.00	.40	6461.00	371.00	6357.00	-29.00
423401	64.00	6.80	7.00	1.40	10820.00	20.30	11600.00	56.00	.70	6325.00	462.00	14290.00	-31.00
423402	96.00	3.40	7.00	1.60	36760.00	11.90	11320.00	42.00	.60	8602.00	705.00	10140.00	81.00
423403	94.00	5.20	4.00	1.30	40660.00	5.40	10820.00	35.00	.40	9431.00	751.00	11050.00	-36.00
423404	82.00	9.00	9.00	1.80	64040.00	9.60	14620.00	57.00	.60	10820.00	1036.00	7066.00	74.00
423405	62.00	6.40	7.00	2.10	49910.00	34.10	12520.00	51.00	.60	12480.00	2099.00	16400.00	-46.00
423406	80.00	4.90	8.00	1.80	42470.00	21.50	14390.00	71.00	.60	9321.00	1874.00	15750.00	72.00
423407	68.00	5.50	5.00	1.10	37490.00	10.30	17650.00	49.00	.50	7403.00	422.00	15380.00	-37.00
423408	73.00	5.60	6.00	1.30	43310.00	12.50	-8248.00	61.00	.50	6711.00	4156.00	12750.00	73.00
423409	65.00	6.20	10.00	1.10	24900.00	17.70	20980.00	86.00	.70	4058.00	468.00	16630.00	129.00
423410	99.00	4.70	16.00	1.70	33000.00	41.70	15840.00	146.00	1.30	8585.00	1193.00	12160.00	-39.00
423411	102.00	5.90	7.00	2.60	49660.00	14.10	-8231.00	66.00	.60	-3999.00	4398.00	9038.00	-46.00
423412	603.00	4.00	6.00	1.40	30770.00	9.70	12070.00	32.00	.30	16430.00	1708.00	11320.00	52.00
423414	299.00	-2.30	4.00	1.20	34970.00	6.30	10680.00	28.00	.40	15520.00	837.00	10850.00	86.00
423-15	3368.00	-1.70	-1.00	-3.30	30470.00	-1.10	-2705.00	-5.00	-1.10	173500.00	684.00	675.00	-43.00
423423	108.00	2.90	5.00	1.30	36980.00	6.30	12010.00	32.00	.30	7864.00	821.00	12190.00	-35.00
423427	69.00	9.90	15.00	1.60	31470.00	36.90	22280.00	151.00	1.10	5357.00	1086.00	19640.00	163.00
423428	70.00	4.60	7.00	1.10	25010.00	0.50	12220.00	42.00	.60	7193.00	249.00	11810.00	-35.00
423429	76.00	9.90	11.00	1.20	27180.00	13.40	19380.00	76.00	.90	4749.00	426.00	14970.00	182.00
423430	76.00	3.40	8.00	1.30	31740.00	13.90	8025.00	79.00	.60	7157.00	674.00	13520.00	74.00
423436	-22.00	43.90	14.00	2.00	33410.00	6.70	19010.00	186.00	1.80	-2370.00	186.00	1243.00	262.00
423491	111.00	7.80	6.00	1.40	42650.00	8.30	12870.00	40.00	.40	8215.00	409.00	8191.00	101.00
423498	89.00	-1.70	4.00	1.20	34900.00	7.10	13450.00	31.00	.40	6100.00	450.00	11560.00	-29.00
423514	80.00	-2.00	6.00	1.60	37440.00	7.00	9061.00	33.00	.40	8025.00	470.00	10740.00	-36.00
423521	84.00	4.40	4.00	1.70	41330.00	8.10	9244.00	40.00	.50	8200.00	435.00	11240.00	-32.00
423530	98.00	-1.80	6.00	1.40	40480.00	6.90	9461.00	36.00	.40	9273.00	743.00	21120.00	-23.00
423531	117.00	4.50	5.00	1.50	47840.00	4.50	13580.00	29.00	.40	10150.00	385.00	9810.00	-48.00
423541	123.00	7.40	7.00	1.70	54500.00	7.40	14980.00	46.00	.40	10910.00	713.00	6412.00	-50.00

BETTLES STREAM SEDIMENT

PG. FOUR - SAMPLE SET

3

SAMPLE NO.	SP PPR	SC PPR	SK PPR	SE PPR	TF PPR	TE PPR	TK PPR	TI PPR	T PPR	VE PPR	IN PPR	THRU RATIO
423366	-3.00	14.80	6.00	-429.00	-2.00	-1.00	9.70	4957.00	145.00	3.26	95.00	3.37100
423367	-2.00	12.00	7.50	-219.00	-2.00	-1.00	14.60	5820.00	97.00	5.60	114.00	2.92400
423369	-3.00	18.80	42.00	-346.00	4.00	2.00	102.00	7546.00	118.00	17.00	192.00	3.26300
423377	-4.00	10.50	4.30	-472.00	-3.00	-1.00	9.10	4244.00	177.00	-2.50	-25.00	2.38100
423378	-2.00	10.60	11.90	-229.00	-2.00	-1.00	29.50	3997.00	81.00	4.30	-44.00	1.92300
423382	-2.00	11.00	6.00	-234.00	-1.00	-1.00	9.90	4234.00	102.00	4.00	-33.00	3.21500
423383	-2.00	12.00	8.10	-215.00	-2.00	-1.00	13.00	4128.00	110.00	9.20	-46.00	1.89400
423385	-3.00	16.00	6.00	-234.00	-1.00	-1.00	8.30	5838.00	132.00	3.80	-105.00	2.88200
423386	-2.00	11.90	7.00	-248.00	-2.00	-1.00	16.10	4584.00	105.00	4.10	101.00	2.69500
423387	-2.00	14.60	7.20	-218.00	-2.00	-1.00	16.40	5726.00	120.00	4.80	-46.00	2.49400
423388	-3.00	16.50	12.70	-359.00	-2.00	1.00	24.80	5632.00	151.00	7.40	157.00	1.91900
423389	-3.00	14.70	6.10	-244.00	-1.00	-1.00	15.00	4824.00	121.00	6.00	-143.00	3.02100
423390	-3.00	12.80	27.30	-304.00	-2.00	2.00	76.40	4640.00	108.00	9.00	-103.00	4.63100
423391	-2.00	12.20	8.00	-268.00	-2.00	-1.00	26.90	3636.00	92.00	6.60	-46.00	3.24700
423392	-2.00	10.20	11.20	-237.00	-2.00	-1.00	41.60	4128.00	88.00	7.50	69.00	6.13500
423393	-2.00	14.20	10.50	-307.00	-2.00	-1.00	20.80	4371.00	94.00	4.50	69.00	3.64300
423394	-4.00	12.70	15.40	-381.00	-3.00	-1.00	27.20	4788.00	120.00	6.60	-52.00	3.62300
423395	-3.00	21.70	10.80	-420.00	-2.00	-1.00	16.90	4905.00	148.00	7.40	-58.00	2.15500
423396	-3.00	16.50	13.70	-539.00	-2.00	-1.00	34.30	4952.00	127.00	7.30	114.00	3.40100
423397	-3.00	15.00	9.70	-278.00	-2.00	-1.00	16.00	5828.00	130.00	6.10	174.00	2.68100
423398	-3.00	13.10	10.70	-335.00	-2.00	-1.00	29.70	7213.00	101.00	5.80	-57.00	3.54600
423399	-3.00	15.20	7.40	-324.00	-1.00	-1.00	16.60	5273.00	142.00	4.70	-68.00	3.55900
423400	-2.00	13.00	9.10	-187.00	-1.00	-9999.00	8.20	4918.00	137.00	3.40	127.00	2.78600
423401	-2.00	10.80	10.70	-227.00	-2.00	-1.00	32.10	4634.00	81.00	5.50	-76.00	1.94600
423402	-3.00	13.80	8.00	-288.00	-1.00	-1.00	11.20	5845.00	126.00	6.90	-22.00	2.74700
423403	-3.00	15.10	6.10	-264.00	-1.00	-1.00	10.70	4594.00	137.00	5.00	-91.00	2.83300
423404	-3.00	21.20	10.70	-279.00	-2.00	-1.00	24.10	10040.00	205.00	6.20	-123.00	4.84900
423405	-3.00	18.60	12.50	-494.00	-2.00	-1.00	23.70	9117.00	135.00	9.10	173.00	1.88700
423406	-3.00	13.80	12.80	-469.00	-2.00	-1.00	28.50	5803.00	124.00	7.20	-31.00	3.39000
423407	-3.00	12.80	6.30	-247.00	-1.00	-1.00	21.90	4879.00	117.00	4.00	-51.00	4.38600
423408	-3.00	13.60	9.00	-680.00	-2.00	-1.00	22.80	3525.00	116.00	5.70	-58.00	3.67600
423409	-2.00	9.20	12.80	-227.00	-2.00	-1.00	48.40	3720.00	66.00	8.00	-30.00	4.58700
423410	-3.00	12.30	25.10	-365.00	-2.00	2.00	68.78	6348.00	116.00	12.00	-115.00	3.31900
423411	-3.00	17.80	11.40	-690.00	-2.00	-1.00	23.10	2653.00	158.00	6.90	-65.00	3.83100
423412	-3.00	20.30	9.40	-378.00	-2.00	-1.00	9.68	6397.00	213.00	5.30	245.00	3.28900
423414	-3.00	15.40	9.50	-343.00	-2.00	-1.00	7.70	3756.00	128.00	3.00	110.00	3.13500
423415	-2.00	5.80	-7.70	-284.00	-2.00	-1.00	-1.50	-9999.00	28.00	-1.50	-17.00	0.00800
423423	-3.00	14.50	4.50	-292.00	-2.00	-1.00	10.20	4255.00	132.00	-1.50	94.00	3.47200
423427	-2.00	14.10	24.30	-311.00	4.00	1.00	98.10	6130.00	92.60	12.40	76.00	4.14900
423428	-3.00	10.10	7.80	-217.00	-2.00	1.00	24.90	4588.00	86.00	5.20	99.00	3.18500
423429	-3.00	9.00	18.30	-266.00	-2.00	1.00	56.60	4112.00	76.60	9.10	-41.00	3.04900
423430	-2.00	11.80	13.70	-260.00	-2.00	-1.00	36.60	3731.00	99.00	7.10	-44.00	1.33200
423436	-5.00	6.60	38.60	-332.00	11.00	-2.00	35.10	-9999.00	56.00	11.20	-80.00	1.11600
423491	-4.00	15.40	6.80	-242.00	-2.00	-1.00	10.40	5420.00	140.00	5.20	251.00	3.39000
423498	-3.00	12.50	5.30	-224.00	-2.00	-1.00	9.10	4216.00	113.00	-2.10	-129.00	3.49700
423514	-3.00	13.60	7.20	-244.00	-2.00	-1.00	8.90	4343.00	130.00	4.20	-77.00	3.31100
423521	-2.00	14.40	7.30	-228.00	-2.00	-1.00	10.70	5704.00	132.00	4.40	110.00	3.66300
423530	-2.00	14.60	6.90	-252.00	-2.00	-1.00	11.50	5524.00	134.00	4.60	114.00	4.14900
423531	-3.00	17.50	4.90	-261.00	-3.00	-1.00	8.40	5607.00	180.00	3.60	206.00	3.48400
423541	-4.00	18.70	8.60	-294.00	-2.00	-1.00	11.80	5824.00	178.00	3.00	204.00	3.24700

GETTLESD RIVER SEDIMENT

PC. ONE - SAMPLE SET

SAMPLE NO.	LAT.	LONG.	PN	COND.	SCNT.	URANIUM PPM	STRONTIUM PPM	DESMUTH PPM	CADMIUM PPM	COPPER PPM	CHLORIDE PPM	SILICA PPM	LEAD PPM	TIN PPM	YOMESTER PPM
423542	66.6567	150.4278	5.	16.0	6.	2.78	-9.00	-9.00	-9.00	25.00	-20.00	22.00	12.00	-10.00	-15.00
423543	66.6601	150.4228	6.	16.0	2.	4.67	-9.00	-9.00	-9.00	19.00	-20.00	27.00	16.00	-10.00	-24.00
423544	66.6547	150.2642	5.	13.0	4.	1.91	-9.00	-9.00	-9.00	20.00	-20.00	29.00	11.00	-10.00	-15.00
423545	66.6311	150.2211	6.	6.0	10.	8.44	-9.00	-9.00	-9.00	14.00	-20.00	-19.00	14.00	-10.00	-15.00
423546	66.6419	150.1594	6.	9.0	8.	1.67	-9.00	-9.00	-9.00	41.00	-20.00	32.00	10.00	-10.00	-15.00
423547	66.6381	150.1558	6.	12.0	8.	4.90	-9.00	-9.00	-9.00	32.00	-20.00	16.00	17.00	-10.00	99.00
423548	66.6567	150.0897	6.	12.0	13.	3.89	-9.00	-9.00	-9.00	23.00	-20.00	24.00	19.00	-10.00	-15.00
423549	66.6369	150.0694	7.	16.0	14.	7.89	-9.00	-9.00	-9.00	26.00	-20.00	-15.00	19.00	-10.00	33.00
423550	66.6644	150.0086	7.	10.0	7.	4.96	-9.00	7.00	-9.00	29.00	-20.00	28.00	29.00	-10.00	-15.00
423551	66.6269	150.0289	6.	16.0	16.	2.47	-9.00	-9.00	-9.00	32.00	-20.00	28.00	10.00	-10.00	-15.00
423552	66.6136	150.1092	6.	19.0	8.	9.01	-9.00	-9.00	-9.00	-10.00	-20.00	-19.00	12.00	-10.00	-15.00
423553	66.5683	150.1342	6.	16.0	10.	9.91	-9.00	6.00	-9.00	-10.00	-20.00	-19.00	21.00	-10.00	-15.00
423554	66.5697	150.0881	6.	19.0	6.	9.47	-9.00	-9.00	-9.00	13.00	-20.00	-19.00	17.00	-10.00	-15.00
423555	66.5172	150.0156	6.	19.0	10.	9.61	-9.00	-9.00	-9.00	-10.00	-20.00	27.00	16.00	-10.00	-15.00
423556	66.5194	150.1353	6.	19.0	20.	6.82	-9.00	6.00	-9.00	11.00	-20.00	26.00	18.00	-10.00	-15.00
423557	66.5150	150.2081	5.	17.0	24.	4.64	-9.00	-9.00	-9.00	19.00	-20.00	29.00	19.00	-10.00	-15.00
423558	66.5156	150.2342	5.	16.0	10.	9.69	-9.00	-9.00	-9.00	23.00	-20.00	24.00	15.00	-10.00	-15.00
423559	66.5172	150.1672	5.	16.0	10.	9.93	-9.00	-9.00	-9.00	14.00	-20.00	20.00	16.00	-10.00	-15.00
423560	66.5758	150.3669	5.	19.0	14.	7.22	-9.00	6.00	-9.00	-10.00	-20.00	15.00	18.00	-10.00	-15.00
423561	66.5256	150.2717	9.	19.0	24.	7.74	-9.00	8.00	-9.00	10.00	-20.00	-19.00	22.00	-10.00	18.00
423562	66.6281	150.3669	5.	14.0	6.	2.61	-9.00	-9.00	-9.00	20.00	-20.00	23.00	21.00	-10.00	-15.00
423563	66.6302	150.3931	5.	19.0	6.	3.37	-9.00	-9.00	-9.00	-10.00	-20.00	32.00	-5.00	-10.00	-15.00
423564	66.6361	150.5417	5.	14.0	3.	3.38	-9.00	-9.00	-9.00	60.00	-20.00	-19.00	6.00	-10.00	-15.00
423565	66.6044	150.6156	5.	16.0	8.	3.03	-9.00	-9.00	-9.00	29.00	-20.00	23.00	6.00	-10.00	34.00
423576	66.9067	151.1314	7.	29.0	4.	2.03	-9.00	-9.00	-9.00	39.00	-20.00	38.00	-9.00	-10.00	-15.00
423586	66.9553	151.3517	7.	30.0	3.	2.32	-9.00	-9.00	-9.00	22.00	-20.00	28.00	11.00	-10.00	-15.00
423589	66.9900	151.1619	7.	31.0	-9999.	3.00	-9.00	-9.00	-9.00	11.00	-20.00	27.00	6.00	-10.00	-15.00
423590	66.9779	151.0692	7.	9.0	4.	2.05	-9.00	-9.00	-9.00	19.00	-20.00	20.00	7.00	-10.00	-15.00
423592	66.9917	150.9992	7.	7.0	2.	2.93	-9.00	-9.00	-9.00	19.00	-20.00	20.00	-9.00	-10.00	-15.00
423593	66.9906	150.9158	5.	7.0	1.	2.12	-9.00	-9.00	-9.00	22.00	-20.00	-19.00	10.00	-10.00	-15.00
423598	66.9900	150.7544	7.	16.0	4.	2.66	-9.00	-9.00	-9.00	37.00	-20.00	27.00	9.00	-10.00	-15.00
423600	66.9917	150.6464	7.	12.0	4.	2.93	-9.00	9.00	-9.00	26.00	-20.00	27.00	7.00	-10.00	-15.00
423605	66.5475	150.9300	6.	9.0	6.	9.28	-9.00	9.00	-9.00	22.00	-20.00	34.00	6.00	-10.00	17.00
423606	66.4853	150.9639	7.	9.0	22.	7.27	-9.00	9.00	-9.00	32.00	-20.00	30.00	15.00	-10.00	-15.00
423607	66.4478	150.9611	7.	6.0	8.	5.68	-9.00	-9.00	-9.00	30.00	-20.00	-19.00	12.00	-10.00	-15.00
423608	66.4058	150.9339	7.	9.0	9.	6.54	-9.00	-9.00	-9.00	31.00	-20.00	-19.00	6.00	-10.00	-15.00
423609	66.3858	150.9792	7.	3.0	6.	4.76	-9.00	-9.00	-9.00	30.00	-20.00	19.00	8.00	-10.00	-15.00
423610	66.3717	150.9478	7.	9.0	8.	1.44	-9.00	7.00	-9.00	16.00	-20.00	-19.00	7.00	-10.00	-15.00
423611	66.3494	150.7472	7.	9.0	8.	54.44	-9.00	15.00	-9.00	20.00	-20.00	22.00	20.00	-10.00	-15.00
423612	66.3478	150.6106	7.	11.0	14.	23.36	-9.00	7.00	-9.00	-10.00	-20.00	-19.00	34.00	-10.00	-15.00
423613	66.3531	150.5133	6.	16.0	6.	16.44	-9.00	8.00	-9.00	26.00	-20.00	16.00	15.00	-10.00	24.00
423614	66.3767	150.4114	5.	19.0	14.	10.26	-9.00	12.00	-9.00	19.00	-20.00	-19.00	10.00	-10.00	-15.00
423618	66.4014	150.5756	6.	3.0	28.	15.70	-9.00	8.00	-9.00	19.00	-20.00	61.00	14.00	-10.00	-15.00
423619	66.3981	150.7467	7.	9.0	6.	2.19	-9.00	-9.00	-9.00	30.00	-20.00	47.00	-9.00	-10.00	-15.00
423621	66.4508	150.6703	7.	1.0	12.	14.66	-9.00	8.00	-9.00	19.00	-20.00	29.00	15.00	-10.00	-15.00
423624	66.4442	150.4214	7.	19.0	14.	12.12	-9.00	8.00	-9.00	14.00	-20.00	18.00	19.00	-10.00	-15.00
423626	66.4781	150.4183	7.	14.0	12.	11.09	-9.00	-9.00	-9.00	17.00	-20.00	-19.00	15.00	-10.00	-15.00
423628	66.4908	150.6250	7.	12.0	4.	7.38	-9.00	-9.00	-9.00	36.00	-20.00	33.00	-9.00	-10.00	-15.00
423629	66.5642	150.8239	7.	2.0	4.	6.24	-9.00	8.00	-9.00	22.00	-20.00	24.00	8.00	-10.00	-15.00
423630	66.5864	150.6683	5.	19.0	6.	3.32	-9.00	-9.00	-9.00	32.00	-20.00	31.00	-9.00	-10.00	-15.00

BOTTLES STRAND SEDIMENT

NO. TWO - SAMPLE SET 4

SAMPLE NO.	AV PPM	EF PPM	FE PPM	MG PPM	DE PPM	LT PPM	AL PPM	AN PPM	NA PPM	CI PPM	CF PPM	CL PPM	CO PPM
423542	5.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	74770.00	-0.11	846.00	17000.00	81.00	-84.00	19.30
423543	6.00	-5.00	337.00	-9999.00	-9999.00	-9999.00	60700.00	-0.11	544.00	14210.00	41.00	-65.00	18.20
423544	9.00	-5.00	203.00	-9999.00	-9999.00	-9999.00	74140.00	-0.11	746.00	49000.00	71.00	-77.00	12.70
423545	11.00	-5.00	134.00	-9999.00	-9999.00	-9999.00	71940.00	-0.10	804.00	14040.00	91.00	-117.00	23.70
423546	5.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	76030.00	-0.14	801.00	16400.00	94.00	-1.00	20.10
423547	-5.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	70490.00	-0.11	750.00	26110.00	74.00	-6.00	23.20
423548	-5.00	-5.00	221.00	-9999.00	-9999.00	-9999.00	68430.00	-0.12	683.00	3200.00	160.00	-75.00	39.70
423549	7.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	77560.00	-0.09	941.00	18810.00	88.00	-148.00	11.40
423550	13.00	-5.00	199.00	-9999.00	-9999.00	-9999.00	77840.00	-0.12	965.00	4702.00	128.00	-69.00	19.00
423551	10.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	60060.00	-0.09	732.00	6507.00	83.00	-96.00	13.20
423552	10.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	74370.00	-0.07	572.00	27400.00	96.00	-120.00	7.30
423553	-5.00	-5.00	448.00	-9999.00	-9999.00	-9999.00	78200.00	-0.09	855.00	19720.00	115.00	-167.00	11.00
423554	-5.00	-5.00	353.00	-9999.00	-9999.00	-9999.00	72040.00	-0.07	758.00	17180.00	86.00	-127.00	9.00
423555	7.00	-5.00	529.00	-9999.00	-9999.00	-9999.00	70710.00	-0.10	835.00	17870.00	224.00	-128.00	15.20
423556	8.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	76660.00	-0.11	648.00	14430.00	127.00	-112.00	19.90
423557	-5.00	-5.00	238.00	-9999.00	-9999.00	-9999.00	66080.00	-0.11	708.00	34640.00	148.00	-174.00	23.40
423558	5.00	-5.00	185.00	-9999.00	-9999.00	-9999.00	67090.00	-0.11	934.00	17230.00	123.00	-258.00	19.50
423559	-5.00	-5.00	183.00	-9999.00	-9999.00	-9999.00	70420.00	-0.11	1120.00	21200.00	121.00	-225.00	19.00
423560	6.00	-5.00	302.00	-9999.00	-9999.00	-9999.00	79240.00	-0.10	761.00	24920.00	154.00	-108.00	14.20
423561	6.00	-5.00	291.00	-9999.00	-9999.00	-9999.00	71340.00	-0.09	920.00	22660.00	163.00	-110.00	12.30
423562	-5.00	-5.00	136.00	-9999.00	-9999.00	-9999.00	68490.00	-0.09	752.00	8425.00	81.00	-97.00	16.40
423563	6.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	59910.00	-0.09	554.00	17010.00	83.00	-86.00	19.30
423564	10.00	-5.00	55.00	-9999.00	-9999.00	-9999.00	45150.00	-0.19	757.00	-1595.00	92.00	-220.00	-2.90
423565	23.00	-5.00	210.00	-9999.00	-9999.00	-9999.00	62740.00	-0.09	651.00	5111.00	90.00	-72.00	11.60
423576	5.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	59700.00	-0.08	421.00	11650.00	62.00	-117.00	10.80
423586	11.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	51280.00	-0.07	359.00	4460.00	62.00	-77.00	17.30
423589	10.00	-5.00	245.00	-9999.00	-9999.00	-9999.00	54970.00	-0.09	504.00	4455.00	111.00	-87.00	10.80
423590	5.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	46630.00	-0.07	339.00	6599.00	71.00	-78.00	13.70
423592	6.00	-5.00	275.00	-9999.00	-9999.00	-9999.00	40850.00	-0.07	363.00	6952.00	118.00	-94.00	13.10
423593	-5.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	56460.00	-0.11	605.00	3846.00	64.00	-108.00	7.00
423598	6.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	66600.00	-0.11	761.00	5211.00	85.00	-98.00	14.90
423600	8.00	-5.00	158.00	-9999.00	-9999.00	-9999.00	57800.00	-0.08	628.00	8729.00	68.00	-90.00	14.80
423605	65.00	-5.00	747.00	-9999.00	-9999.00	-9999.00	60460.00	-0.09	808.00	13760.00	71.00	-111.00	19.70
423606	15.00	-5.00	295.00	-9999.00	-9999.00	-9999.00	70390.00	-0.09	1077.00	17270.00	74.00	-110.00	15.40
423607	-5.00	-5.00	306.00	-9999.00	-9999.00	-9999.00	70450.00	-0.08	1118.00	13880.00	63.00	-125.00	10.80
423608	-5.00	-5.00	186.00	-9999.00	-9999.00	-9999.00	77770.00	-0.08	1230.00	14880.00	107.00	-124.00	14.40
423609	5.00	-5.00	294.00	-9999.00	-9999.00	-9999.00	77240.00	-0.09	1154.00	21020.00	98.00	-137.00	19.90
423610	15.00	-5.00	223.00	-9999.00	-9999.00	-9999.00	80640.00	-0.10	1143.00	25030.00	77.00	-117.00	16.40
423611	35.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	80370.00	-0.11	389.00	10920.00	164.00	-110.00	16.50
423612	20.00	-5.00	860.00	-9999.00	-9999.00	-9999.00	77570.00	-0.08	531.00	15890.00	167.00	-118.00	8.90
423613	9.00	-5.00	657.00	-9999.00	-9999.00	-9999.00	70960.00	-0.07	55.00	12880.00	115.00	-142.00	16.50
423614	29.00	-5.00	170.00	-9999.00	-9999.00	-9999.00	63890.00	-0.11	633.00	5057.00	102.00	-96.00	9.40
423618	23.00	-5.00	922.00	-9999.00	-9999.00	-9999.00	63540.00	-0.09	664.00	13030.00	157.00	-120.00	31.70
423619	28.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	74620.00	-0.10	561.00	21840.00	58.00	-171.00	23.70
423621	10.00	-5.00	336.00	-9999.00	-9999.00	-9999.00	72690.00	-0.10	827.00	12190.00	147.00	-107.00	12.00
423624	7.00	-5.00	733.00	-9999.00	-9999.00	-9999.00	74410.00	-0.09	828.00	22060.00	206.00	-131.00	14.90
423626	6.00	-5.00	401.00	-9999.00	-9999.00	-9999.00	70450.00	-0.10	937.00	19000.00	219.00	-124.00	13.20
423628	27.00	-5.00	452.00	-9999.00	-9999.00	-9999.00	60470.00	-0.10	949.00	18030.00	109.00	-116.00	23.50
423629	23.00	-5.00	339.00	-9999.00	-9999.00	-9999.00	60820.00	-0.11	749.00	18070.00	349.00	-80.00	14.40
423630	49.00	-5.00	240.00	-9999.00	-9999.00	-9999.00	70850.00	-0.11	719.00	-657.00	166.00	-75.00	10.10

ACTIVES STREAM SEDIMENT

PC. THREE - SAMPLE SET

SAMPLE NO.	CR PPR	CE PPR	BT PPR	HI PPR	FE PPR	HT PPR	LI PPR	LO PPR	MC PPR	MT PPR	MA PPR	MS PPR	
423542	102.00	6.10	5.00	1.80	46270.00	6.90	14410.00	10.00	.65	11800.00	552.00	10290.00	74.00
423543	62.00	6.90	11.00	1.80	46260.00	57.50	12490.00	40.00	1.00	7866.00	761.00	4972.00	101.00
423544	115.00	7.90	6.00	1.80	57170.00	9.10	80710.00	29.00	.70	11040.00	375.00	6604.00	72.00
423545	61.00	6.70	4.00	1.40	40640.00	9.00	14850.00	45.00	.90	13690.00	941.00	14350.00	49.00
423546	109.00	5.10	7.00	1.80	48260.00	4.40	14040.00	37.00	.40	11210.00	626.00	6048.00	41.00
423547	76.00	4.90	4.00	1.20	40970.00	6.40	14750.00	41.00	.50	14190.00	662.00	9774.00	61.00
423548	90.00	9.00	11.00	1.80	46220.00	11.20	17690.00	53.00	.80	8313.00	791.00	5330.00	40.00
423549	35.00	4.00	4.00	1.30	26960.00	7.90	17030.00	35.00	.40	3841.00	1117.00	20810.00	70.00
423550	121.00	7.40	9.00	1.80	45810.00	9.00	17930.00	49.00	.70	8304.00	474.00	7097.00	102.00
423551	93.00	3.60	7.00	1.60	37410.00	6.60	11340.00	36.00	.40	9804.00	396.00	11710.00	36.00
423552	57.50	1.70	5.00	1.30	22730.00	9.90	16790.00	41.00	.60	7526.00	785.00	24330.00	55.00
423553	57.00	3.60	7.20	1.40	34040.00	17.80	15380.00	57.00	.60	8670.00	723.00	20910.00	32.00
423554	45.00	3.00	5.00	1.50	27160.00	15.10	15830.00	41.00	.50	5847.00	558.00	22030.00	81.00
423555	51.00	4.00	10.00	1.80	39420.00	27.50	13880.00	105.00	1.00	7867.00	988.00	10010.00	40.00
423556	84.00	5.60	7.00	1.40	36840.00	7.30	17610.00	54.00	.60	11830.00	962.00	12330.00	72.00
423557	149.00	4.80	7.00	1.80	42640.00	9.90	11490.00	61.00	.30	24960.00	904.00	13940.00	40.00
423558	100.00	6.00	7.00	1.80	41830.00	7.20	16440.00	62.00	.40	15280.00	767.00	12320.00	100.00
423559	94.00	5.10	6.00	1.90	43020.00	7.50	15570.00	49.00	.60	12290.00	700.00	14020.00	45.00
423560	105.00	5.60	9.00	1.90	38780.00	11.70	19010.00	65.00	.70	12460.00	700.00	17340.00	75.00
423561	79.00	4.40	9.00	1.60	32650.00	12.90	19340.00	73.00	.50	10780.00	656.00	16330.00	71.00
423562	87.00	6.00	5.00	1.40	43690.00	6.10	19680.00	39.00	.50	9152.00	493.00	9506.00	83.00
423563	98.00	5.30	7.00	1.60	47170.00	9.00	9421.00	32.00	.70	10950.00	785.00	10870.00	34.00
423564	51.00	-2.80	4.00	1.30	14820.00	-2.40	-3840.00	-13.00	-.20	-2043.00	184.00	3114.00	62.00
423565	86.00	5.30	7.00	1.50	42630.00	8.80	13880.00	32.00	.40	8012.00	428.00	7222.00	34.00
423576	121.00	-1.90	5.00	1.30	40270.00	5.40	7608.00	26.00	.40	10640.00	751.00	14940.00	36.00
423586	100.00	2.90	3.00	1.00	38460.00	5.10	6187.00	28.00	.40	6367.00	517.00	10940.00	30.00
423589	96.00	3.90	8.00	1.80	34720.00	10.70	8757.00	43.00	.60	7814.00	333.00	11930.00	33.00
423590	95.00	-1.50	3.00	1.00	33830.00	5.30	6934.00	27.00	.70	6533.00	484.00	16510.00	29.00
423592	83.00	-1.60	9.00	2.00	30540.00	11.70	6305.00	49.00	.70	7656.00	714.00	10910.00	30.00
423593	73.00	-2.30	9.00	1.20	24960.00	3.90	9014.00	24.00	.40	6628.00	208.00	11300.00	30.00
423598	96.00	4.60	6.00	1.60	37480.00	6.80	9882.00	34.00	.60	10320.00	337.00	11220.00	30.00
423600	77.00	4.10	6.00	1.10	34280.00	6.20	9766.00	30.00	.30	8188.00	529.00	11020.00	30.00
423605	120.00	5.20	15.00	2.50	41040.00	28.80	11660.00	121.00	1.00	7232.00	871.00	11160.00	71.00
423606	190.00	8.10	5.00	1.60	32880.00	12.70	16540.00	42.00	.50	8674.00	828.00	16750.00	32.00
423607	67.00	-1.70	3.00	1.60	23180.00	11.50	11670.00	42.00	.20	7866.00	1184.00	16910.00	80.00
423608	59.00	3.00	4.00	1.10	25870.00	5.80	15530.00	52.00	.20	5597.00	1189.00	15130.00	30.00
423609	198.00	3.40	4.00	1.60	30030.00	9.30	14910.00	34.00	.40	10940.00	1033.00	17900.00	33.00
423610	131.00	6.80	4.00	1.20	31430.00	8.10	9131.00	36.00	.30	9478.00	846.00	16510.00	34.00
423611	101.00	14.00	10.00	.60	39320.00	9.30	10580.00	74.00	.70	8254.00	712.00	11200.00	42.00
423612	53.00	9.90	11.00	1.60	27630.00	19.50	20770.00	60.00	1.10	7633.00	994.00	24590.00	87.00
423613	60.00	6.70	8.00	1.40	33440.00	30.90	16400.00	57.00	.80	6387.00	703.00	19240.00	34.00
423614	87.00	7.00	5.00	1.40	77990.00	6.20	10620.00	45.00	.50	7375.00	387.00	9560.00	49.00
423619	482.00	7.40	6.00	1.00	36300.00	19.80	12250.00	58.00	.60	7372.00	1283.00	15940.00	38.00
423621	108.00	7.90	7.00	1.50	35870.00	13.50	14410.00	64.00	.70	9313.00	606.00	14520.00	84.00
423624	81.00	6.50	12.00	2.20	35140.00	29.00	20520.00	802.00	.90	10450.00	733.00	19890.00	117.00
423626	63.00	4.60	9.00	1.50	33000.00	21.10	15910.00	94.00	.70	7491.00	628.00	17750.00	38.00
423629	113.00	5.40	8.00	1.70	41900.00	19.40	12290.00	43.00	.60	14820.00	959.00	11090.00	43.00
423629	90.00	4.60	17.00	3.80	33980.00	16.10	10080.00	141.00	.90	6266.00	607.00	9482.00	32.00
423630	104.00	6.40	7.00	2.40	44900.00	8.00	14350.00	79.00	.40	7324.00	288.00	3870.00	49.00

BUTTE'S STREAM SEDIMENT

PC. POST - SAMPLE SET

SAMPLE NO.	SC PPF	SE PPR	SE PPE	SE PPT	SE PPF	SE PPR	SE PPE	SE PPT	SE PPF	SE PPR	SE PPE	SE PPT
423542	-4.00	17.50	6.10	-261.00	-1.00	-1.00	8.10	5066.00	151.00	2.00	-51.00	3.27000
423543	-1.00	14.10	7.00	-237.00	-1.00	-1.00	10.00	1494.00	111.00	0.00	-44.00	2.99400
423544	-3.00	16.50	7.00	-226.00	-1.00	-1.00	11.00	1110.00	100.00	7.20	181.00	3.13500
423545	-3.00	15.30	9.00	-243.00	-2.00	-1.00	10.50	5572.00	127.00	6.00	296.00	1.71900
423546	-4.00	17.40	7.10	-267.00	-1.00	-1.00	13.50	8298.00	170.00	7.30	137.00	3.67600
423547	-3.00	15.00	5.80	-229.00	-1.00	-1.00	10.10	9682.00	128.00	9.70	-49.00	2.24200
423548	-3.00	15.50	7.60	-259.00	-2.00	-1.00	12.70	9947.00	132.00	6.00	-159.00	3.26800
423549	-2.00	8.30	5.50	-346.00	-1.00	-1.00	16.70	2782.00	42.00	3.90	89.00	2.11900
423550	-3.00	17.30	9.30	-221.00	-2.00	-1.00	15.70	7836.00	171.00	6.50	131.00	3.44000
423551	-3.00	13.90	6.50	-257.00	-2.00	-1.00	10.60	4838.00	117.00	4.20	-61.00	3.96800
423552	-2.00	9.10	8.20	-279.00	-1.00	-1.00	15.90	3880.00	82.00	9.80	-20.00	3.17500
423553	-2.00	13.40	10.40	-262.00	-2.00	-1.00	24.40	5155.00	88.00	7.70	-46.00	2.46300
423554	-2.00	10.00	6.30	-253.00	-2.00	-1.00	16.60	3493.00	65.00	4.50	53.00	3.03000
423555	-3.00	13.40	16.30	-374.00	-2.00	-1.00	49.30	3863.00	97.00	8.20	-13.00	5.12800
423556	-3.00	14.10	9.50	-377.00	-2.00	-1.00	19.10	5078.00	136.00	4.90	-43.00	2.79300
423557	-3.00	21.00	11.70	424.00	-2.00	-1.00	15.00	5265.00	148.00	3.30	-71.00	3.40100
423558	-3.00	14.20	8.00	-351.00	-2.00	-1.00	15.20	4746.00	132.00	4.30	80.00	2.67400
423559	-3.00	13.60	7.80	-347.00	-2.00	-1.00	16.50	4153.00	126.00	4.00	-16.00	2.78600
423560	-3.00	13.80	12.30	-267.00	-2.00	-1.00	28.00	5039.00	129.00	7.40	-107.00	3.87600
423561	-2.00	12.10	13.80	-250.00	-2.00	-1.00	31.90	4535.00	93.00	7.00	-46.00	4.11500
423562	-2.00	15.20	4.60	-230.00	-2.00	-1.00	10.60	5373.00	122.00	3.20	123.00	4.06500
423563	-2.00	17.80	8.10	-272.00	-2.00	-1.00	12.90	9480.00	179.00	5.30	145.00	3.83100
423564	-3.00	12.90	4.00	-267.00	-3.00	-1.00	7.40	2194.00	107.00	-3.40	-112.00	2.18800
423565	-2.00	14.00	5.60	-194.00	-1.00	-1.00	9.30	7263.00	122.00	5.20	-93.00	3.06700
423576	-2.00	16.20	5.20	-281.00	-2.00	-1.00	7.20	5059.00	149.00	3.20	110.00	3.54600
423586	-2.00	13.20	5.10	-206.00	-1.00	-1.00	7.90	4541.00	121.00	3.40	-42.00	3.40100
423589	-2.00	12.50	8.10	-226.00	-1.00	-1.00	10.10	5593.00	116.00	9.30	109.00	3.36700
423590	-2.00	13.10	4.30	-203.00	-1.00	-1.00	6.90	4499.00	105.00	3.90	-42.00	3.36700
423592	-2.00	11.00	9.60	-254.00	-1.00	1.00	10.10	5760.00	181.00	4.30	-159.00	3.44800
423593	-3.00	12.20	5.00	-293.00	-2.00	-1.00	5.90	4188.00	111.00	-2.50	12.50	2.78600
423598	-3.00	14.50	6.00	-259.00	-2.00	-1.00	7.50	4875.00	151.00	2.50	-61.00	2.31700
423600	-2.00	12.70	5.00	-220.00	-1.00	-9999.00	7.70	4936.00	110.00	3.70	81.50	3.62100
423603	-2.00	13.40	21.10	-305.00	-2.00	-1.00	49.10	7678.00	125.00	9.20	186.00	3.79100
423606	-2.00	13.50	6.70	-312.00	-2.00	-1.00	16.50	4122.00	109.00	5.40	-99.00	2.26800
423607	-2.00	10.30	5.40	-355.00	-1.00	-1.00	13.00	3123.00	80.00	-1.40	-44.00	2.28800
423608	-2.00	10.20	5.00	-334.00	-2.00	-1.00	10.70	3619.00	66.00	2.10	-49.00	1.99700
423609	-2.00	14.20	6.40	-331.00	-1.00	-1.00	12.70	4714.00	108.00	2.40	-49.00	2.10700
423610	-3.00	15.90	4.70	-332.00	-1.00	-1.00	9.80	5304.00	136.00	5.60	-47.00	2.84900
423611	-3.00	13.90	18.00	-307.00	-2.00	-1.00	51.50	3196.00	110.00	10.10	-44.00	9.4600
423612	-2.00	12.10	13.30	-250.00	9.00	-1.00	53.78	5285.00	73.00	9.50	153.00	2.29900
423613	-2.00	10.10	9.60	-315.00	-2.00	-1.00	29.00	4439.00	92.00	5.90	161.00	1.76400
423614	-3.00	11.40	9.80	-273.00	-2.00	-1.00	30.00	4238.00	154.00	5.10	-69.00	2.92400
423618	-3.00	12.90	11.50	-356.00	-2.00	-1.00	33.40	4041.00	96.00	7.10	-61.00	2.12800
423619	-3.00	24.40	4.90	-377.00	-2.00	-1.00	7.60	4763.00	195.00	4.60	152.00	3.47200
423621	-3.00	12.80	12.30	-292.00	-2.00	-1.00	29.28	4854.00	184.00	5.80	73.00	1.99200
423624	-2.00	13.90	17.20	-296.00	-2.00	-1.00	47.88	5056.00	113.00	8.90	187.00	3.93700
423626	-3.00	14.10	15.90	-300.00	-2.00	-1.00	43.20	5966.00	97.00	8.10	-28.00	3.89100
423628	-3.00	17.00	7.70	-332.00	-2.00	-1.00	17.20	6316.00	154.00	6.10	-188.00	2.33100
423629	-2.00	12.60	31.70	-249.00	-2.00	-1.00	30.20	6102.00	124.00	9.70	138.00	4.83100
423630	-3.00	16.80	12.40	-217.00	-2.00	-1.00	13.80	5303.00	167.00	9.90	-62.00	4.14900

DETTLEF BOREH SEDIMENT

PC. ONE - SAMPLE SET 3

SAMPLE NO.	LAT.	LONG.	PH	COND.	SECTY.	WATER PPM	SILVER PPM	CHLORIDE PPM	COPPER PPM	IRON PPM	NICKEL PPM	LEAD PPM	ZIN PPM	MANGANESE PPM
423631	66.5884	150.6379	5.	16.8	0.	4.18	-5.00	-5.00	-5.00	29.00	-20.00	17.00	-10.00	-15.00
423632	66.5714	150.5247	5.	16.8	10.	19.27	-5.00	-5.00	-5.00	15.00	-20.00	29.00	-10.00	-15.00
423633	66.5261	150.4986	5.	16.8	10.	5.20	-5.00	-5.00	-5.00	20.00	-20.00	24.00	-10.00	-15.00
423634	66.5419	150.5375	5.	16.8	0.	2.92	-5.00	-5.00	-5.00	25.00	-20.00	40.00	-10.00	-15.00
423635	66.5322	150.6494	5.	12.8	0.	3.54	-5.00	-5.00	-5.00	31.00	-20.00	20.00	-10.00	-15.00
423636	66.5411	150.6379	5.	4.0	12.	2.36	-5.00	-5.00	-5.00	29.00	-20.00	24.00	-10.00	-15.00
423639	66.5478	151.0197	5.	12.0	0.	2.20	-5.00	-5.00	-5.00	49.00	-20.00	16.00	-5.00	-10.00
423640	66.4858	150.9431	6.	7.0	10.	0.19	-5.00	-5.00	-5.00	31.00	-20.00	47.00	-10.00	-15.00
423641	66.4917	150.8089	6.	14.0	24.	29.83	-5.00	-5.00	-5.00	17.00	-20.00	23.00	-10.00	-15.00
423642	66.4811	150.6917	6.	12.0	19.51	19.51	-5.00	-5.00	-5.00	13.00	-20.00	17.00	-10.00	-15.00
423643	66.4386	150.8556	6.	14.0	15.	4.50	-5.00	-5.00	-5.00	27.00	-20.00	31.00	-10.00	-15.00
423644	66.3989	150.8103	6.	48.0	0.	3.50	-5.00	-5.00	-5.00	24.00	-20.00	16.00	-10.00	-15.00
423645	66.3861	150.8626	6.	1.0	5.	1.79	-5.00	-5.00	-5.00	62.00	-20.00	24.00	-5.00	-10.00
423646	66.7033	150.5333	5.	6.6	10.	2.0	-5.00	-5.00	-5.00	24.00	-20.00	32.00	-10.00	-15.00
423647	66.6925	150.4536	5.	15.0	3.	4.52	-5.00	-5.00	-5.00	17.00	-20.00	25.00	-5.00	-10.00
423648	66.7161	150.4419	5.	14.0	14.	9.10	-5.00	-5.00	-5.00	24.00	-20.00	25.00	-5.00	-10.00
423649	66.7217	150.3381	5.	14.0	12.	9.91	-5.00	-5.00	-5.00	18.00	-20.00	28.00	-10.00	-15.00
423651	66.7414	150.2686	5.	14.0	14.	5.28	-5.00	-5.00	-5.00	27.00	-20.00	35.00	-10.00	-15.00
423652	66.7314	150.1831	6.	15.0	8.	5.61	-5.00	-5.00	-5.00	43.00	-20.00	42.00	-10.00	-15.00
423653	66.7169	150.1489	5.	16.0	7.	3.19	-5.00	-5.00	-5.00	31.00	-20.00	23.00	-10.00	-15.00
423654	66.7233	150.0979	5.	16.8	8.	4.63	-5.00	-5.00	-5.00	30.00	-20.00	47.00	-10.00	-15.00
423655	66.7092	150.0844	5.	16.0	6.	2.01	-5.00	-5.00	-5.00	13.00	-20.00	-15.00	-5.00	-10.00
423656	66.7028	150.0170	6.	0.0	8.	3.18	-5.00	-5.00	-5.00	33.00	-20.00	25.00	-10.00	-15.00
423657	66.7317	150.0472	6.	15.0	12.	5.90	-5.00	-5.00	-5.00	26.00	-20.00	31.00	-12.00	-10.00
423658	66.7350	150.0067	6.	14.0	10.	5.98	-5.00	-5.00	-5.00	10.00	-20.00	22.00	-5.00	-10.00
423659	66.7778	150.0175	6.	6.0	12.	3.00	-5.00	-5.00	-5.00	65.00	-20.00	32.00	-21.00	-18.00
423660	66.7750	150.0842	6.	14.0	8.	4.51	-5.00	-5.00	-5.00	38.00	-20.00	35.00	-15.00	-15.00
423661	66.7717	150.1811	5.	17.0	8.	3.55	-5.00	-5.00	-5.00	29.00	-20.00	31.00	-6.00	-10.00
423662	66.7725	150.2969	4.	16.0	6.	1.97	-5.00	-5.00	-5.00	10.00	-20.00	-15.00	-5.00	-10.00
423663	66.7803	150.2986	5.	1.0	6.	3.21	-5.00	-5.00	-5.00	32.00	-20.00	34.00	-17.00	-15.00
423664	66.7603	150.3719	5.	16.0	7.	3.99	-5.00	-5.00	-5.00	36.00	-20.00	33.00	-13.00	-15.00
423665	66.7800	150.4122	5.	13.0	6.	3.54	-5.00	-5.00	-5.00	23.00	-20.00	46.00	-5.00	-10.00
423667	66.8186	150.3750	5.	3.0	1.	1.91	-5.00	-5.00	-5.00	50.00	-20.00	20.00	-5.00	-10.00
423668	66.8314	150.2842	5.	5.0	2.	2.60	-5.00	-5.00	-5.00	39.00	-20.00	33.00	-5.00	-10.00
423669	66.8517	150.2019	5.	2.0	6.	4.24	-5.00	-5.00	-5.00	113.00	-20.00	53.00	-5.00	-10.00
423670	66.8206	150.1939	5.	13.0	6.	3.73	-5.00	-5.00	-5.00	26.00	-20.00	34.00	-6.00	-10.00
423671	66.8247	150.1281	5.	17.0	8.	3.63	-5.00	-5.00	-5.00	30.00	-20.00	25.00	-6.00	-10.00
423672	66.8156	150.0472	5.	16.0	14.	4.58	-5.00	-5.00	-5.00	20.00	-20.00	16.00	-12.00	-10.00
423673	66.8508	150.0181	5.	15.0	12.	4.60	-5.00	-5.00	-5.00	37.00	-20.00	33.00	-5.00	-10.00
423674	66.8933	150.0167	5.	11.0	14.	6.91	-5.00	-5.00	-5.00	73.00	-20.00	65.00	-26.00	-10.00
423675	66.8697	150.0606	5.	14.0	10.	3.88	-5.00	-5.00	-5.00	33.00	-20.00	24.00	-21.00	-10.00
423676	66.8036	150.5364	6.	9.0	4.	2.58	-5.00	-5.00	-5.00	22.00	-20.00	22.00	-6.00	-10.00
423679	66.8467	150.4623	5.	1.0	6.	2.03	-5.00	-5.00	-5.00	63.00	-20.00	51.00	-6.00	-10.00
423683	66.9133	150.3103	6.	9.0	20.	19.72	-5.00	-5.00	-5.00	24.00	-20.00	23.00	-24.00	-10.00
423684	66.9136	150.2136	5.	12.0	8.	19.92	-5.00	-5.00	-5.00	13.00	-20.00	26.00	-23.00	-10.00
423686	66.9078	150.0517	5.	11.0	12.	16.63	-5.00	-5.00	-5.00	47.00	-20.00	19.00	-22.00	-10.00
423687	66.9375	150.0131	6.	6.0	16.	14.49	-5.00	-5.00	-5.00	47.00	-20.00	49.00	-21.00	-10.00
423691	66.7650	150.6564	5.	13.0	3.	3.54	-5.00	-5.00	-5.00	20.00	-20.00	20.00	-7.00	-10.00
423692	66.7347	150.5692	6.	9.0	10.	18.07	-5.00	-5.00	-5.00	29.00	-20.00	19.00	-27.00	-10.00
423693	66.7119	150.6442	5.	12.0	8.	13.21	-5.00	-5.00	-5.00	14.00	-20.00	-15.00	-5.00	-10.00

SAMPLE NO.	CE PPM	SE PPM	TE PPM	ME PPM	DE PPM	LE PPM	AE PPM	FE PPM	SI PPM	CI PPM	CF PPM	CE PPM	CO PPM
423631	12.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	72275.00	-0.00	641.00	1261.00	115.00	-80.00	11.00
423632	5.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	75706.00	-0.00	641.00	9805.00	87.00	-156.00	16.30
423633	17.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	63016.00	-0.00	641.00	5720.00	85.00	-80.00	18.30
423634	-5.00	-5.00	704.00	-9999.00	-9999.00	-9999.00	68890.00	-0.00	725.00	5941.00	98.00	-76.00	20.10
423635	14.00	-5.00	209.00	-9999.00	-9999.00	-9999.00	62900.00	-0.00	646.00	1702.00	100.00	-76.00	20.00
423636	51.00	-9.00	191.00	-9999.00	-9999.00	-9999.00	62070.00	-0.00	689.00	11600.00	70.00	-162.00	12.00
423639	83.00	-5.00	50.00	-9999.00	-9999.00	-9999.00	31170.00	-0.14	628.00	-1068.00	51.00	243.00	11.00
423640	21.00	-5.00	515.00	-9999.00	-9999.00	-9999.00	71338.00	-0.09	697.00	16998.00	104.00	-127.00	15.20
423641	14.00	-5.00	291.00	-9999.00	-9999.00	-9999.00	70450.00	-0.11	634.00	10430.00	102.00	-144.00	32.70
423642	9.00	-5.00	1327.00	-9999.00	-9999.00	-9999.00	71890.00	-0.09	782.00	21560.00	229.00	-162.00	12.70
423643	12.00	-5.00	293.00	-9999.00	-9999.00	-9999.00	67510.00	-0.08	994.00	17960.00	82.00	-113.00	22.00
423644	6.00	-5.00	269.00	-9999.00	-9999.00	-9999.00	64700.00	-0.09	613.00	20690.00	65.00	-112.00	20.00
423645	15.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	73650.00	-0.12	667.00	27120.00	53.00	-109.00	21.50
423646	8.00	-5.00	292.00	-9999.00	-9999.00	-9999.00	-89.00	-0.11	-30.00	-334.00	122.00	-10.00	17.10
423647	22.00	-5.00	295.00	-9999.00	-9999.00	-9999.00	62350.00	-0.10	472.00	-702.00	200.00	-63.00	13.40
423648	15.00	-5.00	885.00	-9999.00	-9999.00	-9999.00	68540.00	-0.10	678.00	27460.00	135.00	-100.00	24.00
423649	6.00	-5.00	675.00	-9999.00	-9999.00	-9999.00	69910.00	-0.11	650.00	29810.00	142.00	-137.00	26.70
423651	8.00	-5.00	278.00	-9999.00	-9999.00	-9999.00	72610.00	-0.11	729.00	26310.00	127.00	203.00	25.00
423652	19.00	-5.00	329.00	-9999.00	-9999.00	-9999.00	72670.00	-0.11	939.00	5094.00	158.00	-85.00	42.00
423653	11.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	69740.00	-0.09	856.00	1126.00	76.00	-59.00	14.50
423654	19.00	-5.00	222.00	-9999.00	-9999.00	-9999.00	75270.00	-0.11	866.00	7414.00	115.00	-104.00	24.60
423655	21.00	-5.00	104.00	-9999.00	-9999.00	-9999.00	35910.00	-0.15	468.00	-664.00	59.00	-96.00	0.20
423656	10.00	-5.00	247.00	-9999.00	-9999.00	-9999.00	76510.00	-0.10	712.00	16480.00	147.00	-98.00	19.50
423657	12.00	-5.00	300.00	-9999.00	-9999.00	-9999.00	72100.00	-0.09	846.00	13700.00	121.00	-97.00	26.70
423658	23.00	-5.00	943.00	-9999.00	-9999.00	-9999.00	64690.00	-0.13	815.00	16680.00	125.00	-157.00	43.40
423659	14.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	71780.00	-0.11	824.00	14040.00	79.00	-94.00	30.70
423660	8.00	-5.00	312.00	-9999.00	-9999.00	-9999.00	65070.00	-0.11	624.00	5090.00	110.00	-78.00	18.30
423661	19.00	-5.00	209.00	-9999.00	-9999.00	-9999.00	73620.00	-0.10	824.00	4052.00	86.00	-71.00	16.50
423662	93.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	41210.00	-0.13	534.00	-1101.00	54.00	241.00	14.00
423663	17.00	-5.00	192.00	-9999.00	-9999.00	-9999.00	66120.00	-0.12	936.00	3617.00	101.00	-85.00	0.00
423664	77.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	74620.00	-0.12	969.00	-693.00	113.00	-73.00	23.30
423665	62.00	-5.00	216.00	-9999.00	-9999.00	-9999.00	57150.00	-0.10	858.00	5012.00	99.00	-81.00	34.40
423667	14.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	58520.00	-0.16	826.00	15500.00	63.00	-134.00	21.20
423668	12.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	62010.00	-0.11	1568.00	12630.00	57.00	-107.00	10.70
423669	70.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	61510.00	-0.13	1232.00	27190.00	98.00	-132.00	36.10
423670	19.00	-5.00	282.00	-9999.00	-9999.00	-9999.00	64340.00	-0.10	699.00	5659.00	133.00	-73.00	12.60
423671	32.00	-5.00	220.00	-9999.00	-9999.00	-9999.00	71120.00	-0.11	720.00	-729.00	108.00	-68.00	18.00
423672	9.00	-5.00	292.00	-9999.00	-9999.00	-9999.00	61500.00	-0.10	860.00	5322.00	146.00	-70.00	19.30
423673	34.00	-5.00	294.00	-9999.00	-9999.00	-9999.00	65130.00	-0.12	687.70	8415.00	122.00	-110.00	46.70
423674	25.00	-5.00	240.00	-9999.00	-9999.00	-9999.00	61100.00	-0.14	956.30	5116.00	176.00	-99.00	39.20
423675	23.00	-5.00	302.00	-9999.00	-9999.00	-9999.00	63940.00	-0.10	645.00	5322.00	118.00	-79.00	1.00
423676	7.00	-5.00	191.00	-9999.00	-9999.00	-9999.00	60930.00	-0.10	842.00	13720.00	66.00	-102.00	0.00
423679	7.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	63430.00	-0.11	1106.00	32300.00	61.00	-105.00	40.00
423683	6.00	-5.00	406.00	-9999.00	-9999.00	-9999.00	65490.00	-0.14	1214.30	23970.00	204.00	-154.00	15.70
423684	9.00	-5.00	840.00	-9999.00	-9999.00	-9999.00	60080.00	-0.10	609.00	11390.00	103.00	-140.00	23.40
423686	-5.00	-5.00	497.00	-9999.00	-9999.00	-9999.00	75130.00	-0.11	1332.00	24830.00	155.00	-121.00	22.60
423687	7.00	-5.00	307.00	-9999.00	-9999.00	-9999.00	67420.00	-0.13	765.00	33710.00	137.00	-143.00	31.40
423691	27.00	-5.00	296.00	-9999.00	-9999.00	-9999.00	56930.00	-0.09	569.00	4468.00	110.00	-68.00	11.50
423692	-5.00	-5.00	347.00	-9999.00	-9999.00	-9999.00	68840.00	-0.09	772.00	9996.00	106.00	-98.00	20.50
423693	17.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	55150.00	-0.14	681.00	8994.00	192.00	-130.00	12.70

BETTLES STREAM SEDIMENT

PG. THREE - SAMPLE SET

3

SAMPLE NO.	CR PPM	CS PPM	DT PPM	EC PPM	EE PPM	HF PPM	G PPM	LL PPM	LU PPM	PK PPM	PR PPM	WA PPM	RS PPM
423631	109.00	7.50	9.00	1.40	31440.00	9.70	20820.00	61.00	.60	7812.00	335.00	6001.00	-42.00
423632	39.00	16.80	6.00	1.20	29530.00	5.00	22810.00	51.00	.40	4354.00	944.00	21140.00	145.00
423633	107.00	7.60	6.00	1.40	40300.00	9.00	13560.00	89.00	.50	7577.00	423.00	5859.00	-45.00
423634	85.00	6.00	6.00	1.40	40790.00	7.70	16970.00	48.00	.60	9269.00	518.00	4538.00	38.00
423635	84.00	9.20	7.00	1.60	43180.00	6.40	15940.00	42.00	.50	7937.00	318.00	5538.00	33.00
423636	130.00	5.00	6.00	1.30	43120.00	6.40	13790.00	34.00	.40	10750.00	338.00	21490.00	-42.00
423639	49.00	-3.10	5.00	1.50	42900.00	-1.90	-3341.00	-9.00	.20	-1761.00	319.00	2974.00	-54.00
423640	141.00	6.20	6.00	1.40	31230.00	12.10	16670.00	44.00	.50	9725.00	785.00	14930.00	74.00
423641	65.00	15.10	7.00	1.50	42700.00	10.50	10040.00	74.00	.50	3489.00	2727.00	14700.00	95.00
423642	63.00	6.60	11.00	2.40	14940.00	49.80	16880.00	93.00	1.10	843.00	412.00	28070.00	81.00
423643	240.00	5.20	4.00	1.50	36650.00	10.20	13960.00	38.00	.30	10.00	1219.00	13920.00	-31.00
423644	430.00	2.90	5.00	1.40	39310.00	10.00	12810.00	28.00	.40	20.20.00	756.00	19970.00	-35.00
423645	150.00	21.60	4.00	1.30	43450.00	5.00	10140.00	24.00	.20	16930.00	778.00	14810.00	-39.00
423646	86.00	5.40	-9999.00	1.60	41910.00	10.40	-192.00	47.00	.50	-49.00	-999.00	-7.00	81.00
423647	82.00	4.70	14.00	2.80	42770.00	11.00	9589.00	77.00	.80	5882.00	384.00	4734.00	-38.00
423648	89.00	5.00	8.00	2.30	53300.00	29.30	13620.00	53.00	.70	16878.00	911.00	23110.00	-38.00
423649	57.00	3.30	8.00	2.40	49430.00	25.20	14020.00	59.00	.60	16280.00	957.00	16070.00	-46.00
423651	137.00	5.90	6.00	1.40	52240.00	10.40	14360.00	47.00	.50	21490.00	1069.00	12650.00	-42.00
423652	116.00	8.10	9.00	2.20	47170.00	12.30	15630.00	70.00	.70	8115.00	917.00	6014.00	-45.00
423653	109.00	7.50	5.00	1.30	44030.00	7.80	16480.00	32.00	.40	8679.00	361.00	4905.00	39.00
423654	101.00	7.50	6.00	1.70	54780.00	7.70	15590.00	54.00	.50	10230.00	431.00	8.13.00	-49.00
423655	45.00	-3.00	4.00	.80	72440.00	5.00	8670.00	26.00	-.20	3157.00	156.00	4747.00	-64.00
423656	48.00	6.48	8.00	1.90	42070.00	8.00	10840.00	51.00	.60	8827.00	434.00	13380.00	-37.00
423657	89.00	4.90	9.00	1.80	44350.00	11.10	14560.00	59.00	.70	10560.00	855.00	11330.00	101.00
423658	106.00	-2.80	9.00	2.20	58480.00	13.10	12090.00	52.00	.50	13560.00	1292.00	12490.00	-37.00
423659	95.00	3.90	7.00	1.50	50620.00	6.00	12300.00	39.00	.60	13840.00	740.00	11270.00	-39.00
423660	80.00	7.40	9.00	1.70	48610.00	13.70	13110.00	42.00	.70	7968.00	591.00	6098.00	78.00
423661	6.00	7.00	6.00	1.60	47490.00	7.90	15850.00	48.00	.40	10430.00	349.00	6963.00	-38.00
423662	61.00	-2.80	4.00	.70	118400.00	4.40	10030.00	25.00	-.20	4464.00	246.00	3320.00	-67.00
423663	84.00	6.00	6.00	1.50	37420.00	7.60	13930.00	45.00	.50	7902.00	234.00	7825.00	70.00
423664	102.00	7.10	6.00	1.60	61210.00	6.10	12990.00	5.00	.40	7072.00	593.00	4915.00	-31.00
423665	77.00	5.20	8.00	2.00	86430.00	7.60	11140.00	53.00	.40	6296.00	790.00	6156.00	-48.00
423667	110.00	-3.40	5.00	1.10	41050.00	9.30	-6605.00	-4.00	.30	9303.00	169.00	7337.00	-59.00
423668	108.00	4.70	5.00	.90	34880.00	4.70	7737.00	28.00	.30	9037.00	1223.00	7334.00	-39.00
423669	139.00	3.00	6.00	1.80	57500.00	5.50	-9443.00	28.00	.40	2020.00	1705.00	824.00	-32.00
423670	84.00	5.30	9.00	1.80	44740.00	10.90	14760.00	50.00	.70	7428.00	373.00	6833.00	-39.00
423671	82.00	6.20	7.00	1.40	4450.00	7.00	17230.00	39.00	.40	9197.00	354.00	3780.00	-44.00
423672	75.00	8.10	14.00	1.90	41840.00	9.90	13180.00	65.00	.90	7319.00	513.00	4895.00	70.00
423673	83.00	5.70	8.00	2.20	73454.00	14.00	14427.00	46.00	.50	9220.00	1222.00	7442.00	-55.00
423674	118.00	10.80	10.00	2.30	31230.00	10.50	34345.00	72.00	.60	4872.00	2164.00	4225.00	120.00
423675	81.00	4.70	8.00	1.40	48940.00	6.10	10000.00	58.00	.60	6392.00	505.00	4930.00	-38.00
423676	118.00	1.60	6.00	1.50	16200.00	7.50	11566.00	35.00	.40	8802.00	1089.00	115.00	-37.00
423679	216.00	-2.40	5.00	1.90	37610.00	5.00	-3808.00	28.00	.30	16290.00	1756.00	12219.00	-41.00
423683	63.00	6.60	6.00	2.10	49470.00	12.60	20210.00	97.00	.50	10558.00	1420.00	13860.00	-55.00
423684	68.00	10.50	9.00	2.80	49490.00	35.60	12460.00	85.00	.30	16890.00	1342.00	18800.00	110.00
423686	54.00	8.30	7.00	2.70	57000.00	17.10	14980.00	57.00	.60	15390.00	1650.00	18170.00	-38.00
423697	98.00	7.50	5.00	1.70	53300.00	11.50	-5088.00	63.00	.50	16570.00	1586.00	15830.00	-47.00
423691	103.00	4.80	7.00	1.30	33400.00	10.30	10120.00	42.00	.40	6043.00	102.00	7003.00	-34.00
423692	90.00	5.80	6.00	1.60	40790.00	13.80	11540.00	62.00	.40	9445.00	889.00	9920.00	69.00
423693	72.00	5.50	6.00	1.70	51990.00	4.90	15410.00	98.00	.40	9263.00	423.00	6157.00	-62.00

OFFICIAL SINEAN SEDIMENT

PC, FOUR - SAMPLE SET 9

SAMPLE NO.	SD PPF	SC PPF	SR PPF	SR PPF	TE PPF	TE PPF	TH PPF	TE PPF	P PPF	TH PPF	TH PPF	TH PPF
423631	-3.00	16.60	10.00	-212.00	-2.00	-1.00	19.00	8571.00	165.00	6.40	122.00	1.01700
423632	-2.00	6.00	8.40	-370.00	2.00	-1.00	24.00	8096.00	94.00	3.90	-96.00	1.79500
423633	-3.00	15.40	6.40	-262.00	-2.00	-1.00	9.40	5091.00	171.00	3.90	-122.00	2.00200
423634	-3.00	15.40	6.40	-229.00	-2.00	-1.00	14.90	5552.00	136.00	4.70	-32.00	3.00200
423635	-3.00	14.10	7.70	-233.00	-2.00	-1.00	14.40	5606.00	132.00	4.40	-100.00	4.00300
423636	-3.00	13.40	9.80	-229.00	-1.00	-1.00	12.90	4399.00	121.00	4.70	162.00	3.71700
423639	-4.00	11.40	4.90	-212.00	-3.00	-1.00	8.00	2861.00	115.00	-2.00	-103.00	2.63900
423640	-2.00	14.20	7.90	-291.00	-2.00	-1.00	16.60	4351.00	100.00	5.10	116.00	2.02800
423641	-3.00	11.30	17.50	-629.00	-2.00	-1.00	40.90	3425.00	91.00	5.10	116.00	1.37200
423642	-2.00	17.50	23.90	-236.00	4.00	-1.00	51.30	4782.00	92.00	9.90	-45.00	2.73200
423643	-2.00	15.40	-7.70	-310.00	-2.00	-1.00	13.10	6245.00	119.00	-1.60	79.00	2.90700
423644	-3.00	23.10	5.80	-263.00	-1.00	-1.00	11.00	4706.00	144.00	3.70	102.00	3.07700
423645	-3.00	23.90	4.00	-321.00	-1.00	-1.00	9.60	4667.00	176.00	-2.50	102.00	3.12500
423646	-3.00	17.30	8.70	-25.00	-1.00	-1.00	14.40	9999.00	-1.00	5.00	-49.00	31.42900
423647	-3.00	13.60	14.50	-204.00	-2.00	-1.00	26.10	3622.00	152.00	-3.00	-33.00	3.78000
423648	-3.00	23.40	1.00	560.00	-2.00	-1.00	20.90	6356.00	100.00	6.10	108.00	2.24700
423649	-3.00	20.20	12.10	-336.00	-2.00	-1.00	26.60	6176.00	161.00	5.00	160.00	2.07900
423651	-3.00	21.90	9.90	-351.00	-2.00	-1.00	12.60	5604.00	179.00	3.60	-33.00	2.30700
423652	-3.00	18.10	11.30	-293.00	-2.00	-1.00	24.00	8831.00	169.00	5.40	-64.00	4.27400
423653	-2.00	16.40	5.30	-170.00	-2.00	-1.00	11.50	7409.00	144.00	4.30	154.00	3.61000
423654	-3.00	17.40	6.80	-248.00	-2.00	-1.00	17.10	5439.00	178.00	3.80	197.00	3.49000
423655	-4.00	7.40	3.90	-256.00	-3.00	-1.00	5.00	2955.00	109.00	-2.00	-103.00	2.88200
423656	-3.00	18.60	9.40	-259.00	-1.00	-1.00	18.20	6011.00	163.00	9.20	-51.00	3.57100
423657	-2.00	17.60	9.40	-263.00	-2.00	-1.00	19.90	6927.00	149.00	6.70	162.00	3.37800
423658	-4.00	17.90	9.60	-436.00	-1.00	-1.00	16.80	5064.00	142.00	5.50	-83.00	2.00900
423659	-3.00	20.20	7.00	-290.00	-2.00	-1.00	9.80	6626.00	187.00	9.40	-54.00	3.26800
423660	-3.00	17.40	6.20	-249.00	-2.00	-1.00	14.30	8373.00	137.00	6.00	-62.00	3.17500
423661	-3.00	16.30	6.80	-191.00	-2.00	-1.00	13.20	6224.00	162.00	4.20	104.00	3.71700
423662	-4.00	9.70	3.80	-244.00	-3.00	-1.00	7.80	3211.00	125.00	-2.50	-92.00	3.95300
423663	-3.00	13.80	7.80	-230.00	-2.00	-1.00	11.10	5296.00	148.00	3.90	-126.00	3.46000
423664	-3.00	17.10	6.00	-264.00	-2.00	-1.00	13.40	5075.00	181.00	-2.60	-60.00	3.35600
423665	-3.00	12.40	8.10	-276.00	-2.00	-1.00	1.70	4816.00	126.00	5.50	166.00	4.00000
423667	-4.00	17.20	4.00	-603.00	-3.00	-1.00	5.30	4146.00	149.00	3.50	-39.00	2.77800
423668	-3.00	17.50	4.70	-361.00	-2.00	-1.00	8.50	4674.00	146.00	2.70	76.00	3.27000
423669	-4.00	26.15	5.90	-435.00	-2.00	-1.00	6.10	7449.00	249.00	4.00	234.00	1.43900
423670	-3.00	13.40	11.10	-233.00	-2.00	-1.00	16.80	5008.00	135.00	7.20	234.00	4.90500
423671	-3.00	16.90	8.00	-216.00	-2.00	-1.00	13.10	5344.00	176.00	4.00	-63.00	3.59400
423672	-3.00	14.60	10.50	-234.00	-2.00	-1.00	22.00	6234.00	120.00	9.40	-92.00	4.80800
423673	-2.00	16.30	4.50	-366.00	-3.00	-1.00	16.00	4928.00	147.00	6.10	-122.00	3.47200
423674	-4.00	17.80	9.60	-419.00	-3.00	-1.00	18.30	3861.00	171.00	5.00	-194.00	2.67400
423675	-3.00	14.90	9.90	-238.00	-2.00	-1.00	13.00	5118.00	193.00	6.70	-37.00	3.35600
423676	-3.00	16.20	6.10	-266.00	-2.00	-1.00	9.10	5403.00	132.00	5.10	187.00	3.52100
423679	-3.00	28.60	-2.80	-325.00	-2.00	-1.00	5.80	7121.00	218.00	3.90	-82.00	2.75500
423683	-4.00	12.90	15.90	-514.00	-2.00	-1.00	19.40	3800.00	173.00	-2.50	-91.00	3.94000
423684	-3.00	20.90	-1.00	-336.00	-2.00	-1.00	27.90	5764.00	176.00	5.50	192.00	1.39500
423686	-3.00	1.70	12.80	-331.00	-2.00	-1.00	25.70	6441.00	192.00	5.90	-30.00	1.54600
423691	-4.00	2.70	8.50	-438.00	-2.00	-1.00	15.70	4890.00	103.00	4.10	-88.00	1.02300
423692	-2.00	12.90	7.20	-192.00	-1.00	-1.00	11.30	6895.00	119.00	6.30	-20.00	3.19500
423693	-4.00	14.10	9.10	-334.00	-3.00	-1.00	17.10	4754.00	141.00	3.40	69.00	9.46000
							34.90	6067.00	127.00	3.40	-37.00	2.63200

BETTLES STREAM SEDIMENT

PG. ONE - SAMPLE SET

SAMPLE NO.	LAT.	LONG.	PK	COND.	SCINT.	DIAPHR.	SL. WGT.	DISCOUNT	CANISTER	COMPRES.	WINDING	WINDING	LEAD	YIN	TONNETEN
NO.						PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
423698	66.8650	150.3525	4.	3.0	13.	2.83	-9.00	-9.00	-9.00	150.00	-70.00	73.00	6.00	-10.00	-15.00
423699	66.8789	150.2083	7.	15.0	9.	2.70	-9.00	-9.00	-9.00	100.00	-20.00	47.00	-9.00	-10.00	-15.00
423700	66.9486	150.1369	7.	15.0	35.	48.16	-9.00	15.00	-9.00	21.00	-70.00	17.00	24.00	-10.00	-15.00
423701	66.9869	150.1494	7.	14.0	12.	9.61	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423702	66.9861	150.1490	7.	14.0	18.	12.44	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423703	66.9861	150.1490	7.	14.0	20.	7.10	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423704	66.9861	150.1450	7.	13.0	12.	9.76	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423705	66.9864	150.1467	7.	13.0	21.	17.25	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423706	66.9761	150.2209	7.	14.0	3.	26.30	-9.00	4.00	-9.00	10.00	-70.00	15.00	61.00	-10.00	20.00
423707	66.9883	150.2303	6.	15.0	4.	19.91	-9.00	9.00	-9.00	10.00	-70.00	15.00	43.00	-10.00	17.00
423708	66.9753	150.3100	6.	13.0	0.	10.00	-9.00	12.00	-9.00	11.00	-70.00	15.00	32.00	-10.00	15.00
423709	66.9981	150.3728	4.	-9.0	0.	2.54	-9.00	-9.00	-9.00	40.00	-70.00	20.00	14.00	-10.00	-15.00
423710	66.9919	150.3823	7.	10.0	6.	2.21	-9.00	-9.00	-9.00	22.00	-70.00	24.00	10.00	-10.00	-15.00
423711	66.9783	150.4997	6.	23.0	3.	1.00	-9.00	-9.00	-9.00	10.00	-70.00	22.00	-9.00	-10.00	-15.00
423712	66.9917	151.0607	4.	-2.0	8.	2.41	-9.00	-9.00	-9.00	20.00	-70.00	22.00	11.00	-10.00	-15.00
423713	66.8675	151.0372	6.	17.0	4.	2.99	-9.00	-9.00	-9.00	13.00	-70.00	22.00	9.00	-10.00	-15.00
423714	66.8700	152.1625	6.	4.0	10.	2.06	-9.00	-9.00	-9.00	15.00	-70.00	24.00	0.00	-10.00	-15.00
423715	66.9981	152.3272	6.	-9.0	8.	2.22	-9.00	-9.00	-9.00	15.00	-70.00	24.00	7.00	-10.00	-15.00
423716	66.8642	152.6106	7.	35.0	-9999.	2.90	-9.00	-9.00	-9.00	19.00	-70.00	24.00	9.00	-10.00	-15.00
423717	66.8803	152.7850	6.	15.0	7.	2.44	-9.00	-9.00	-9.00	52.00	-70.00	24.00	3.00	-10.00	-15.00
423718	66.8789	152.8767	6.	-2.0	4.	2.30	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423719	66.8777	152.8750	6.	-2.0	4.	2.60	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423720	66.8774	152.8750	6.	-2.0	8.	2.39	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423721	66.8772	152.8750	6.	-2.0	4.	2.23	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423722	66.8772	152.8750	6.	-2.0	2.	2.44	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423723	66.8649	152.9733	6.	-2.0	8.	2.30	-9.00	-9.00	-9.00	65.00	-70.00	24.00	-9.00	-10.00	-15.00
423724	66.8649	152.9733	6.	-2.0	2.	1.34	-9.00	-9.00	-9.00	51.00	-70.00	24.00	7.00	-10.00	-15.00
423725	66.9250	152.9622	7.	11.0	8.	2.03	-9.00	-9.00	-9.00	40.00	-70.00	24.00	9.00	-10.00	-15.00
423726	66.9147	152.9174	7.	9.0	10.	1.26	-9.00	-9.00	-9.00	40.00	-70.00	24.00	9.00	-10.00	-15.00
423727	66.9025	152.9283	7.	12.0	7.	2.44	-9.00	-9.00	-9.00	53.00	-70.00	24.00	10.00	-10.00	-15.00
423728	66.9250	152.4928	7.	24.0	-9999.	2.69	-9.00	-9.00	-9.00	31.00	-70.00	24.00	9.00	-10.00	-15.00
423729	66.9969	152.6310	7.	4.0	2.	2.07	-9.00	-9.00	-9.00	50.00	-70.00	24.00	9.00	-10.00	-15.00
423730	66.9496	152.8751	7.	34.0	2.	2.00	-9.00	-9.00	-9.00	37.00	-70.00	24.00	9.00	-10.00	-15.00
423731	66.8250	152.8106	7.	24.0	4.	2.00	-9.00	-9.00	-9.00	24.00	-70.00	24.00	9.00	-10.00	-15.00
423732	66.8219	152.8231	7.	43.0	2.	2.44	-9.00	-9.00	-9.00	40.00	-70.00	24.00	9.00	-10.00	-15.00
423733	66.775	152.9812	7.	20.0	4.	1.76	-9.00	-9.00	-9.00	30.00	-70.00	24.00	9.00	-10.00	-15.00
423734	66.7475	152.8024	7.	25.0	2.	2.60	-9.00	-9.00	-9.00	20.00	-70.00	24.00	10.00	-10.00	-15.00
423735	66.66	152.9704	7.	33.0	6.	3.01	-9.00	-9.00	-9.00	19.00	-70.00	24.00	9.00	-10.00	-15.00
423736	66.7606	152.7003	6.	0.0	6.	2.63	-9.00	6.00	-9.00	19.00	-70.00	24.00	6.00	-10.00	-15.00
423737	66.8903	151.3019	7.	17.0	-9999.	2.24	-9.00	9.00	-9.00	42.00	-70.00	24.00	9.00	-10.00	-15.00
423738	66.7506	150.9364	6.	43.0	2.	2.79	-9.00	-9.00	-9.00	75.00	-70.00	24.00	0.00	-10.00	-15.00
423739	66.7525	150.8482	6.	33.0	8.	1.11	-9.00	-9.00	-9.00	14.00	-70.00	24.00	9.00	-10.00	-15.00
423740	66.7575	150.7581	5.	43.0	6.	1.21	-9.00	-9.00	-9.00	70.00	-70.00	24.00	21.00	-10.00	-15.00
423741	66.0625	151.0129	8.	18.0	43.	44.54	-9.00	12.00	-9.00	13.00	-70.00	24.00	9.00	-10.00	-15.00
423742	66.0625	151.0129	6.	18.0	40.	30.60	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423743	66.0625	151.0129	6.	17.0	20.	41.51	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423744	66.3694	150.2742	9.	11.0	10.	6.50	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423745	66.3694	150.2742	9.	11.0	10.	6.48	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00

BEYLES STREAM SEDIMENT

PC. PWD - SAMPLE SET 6

SAMPLE NO.	AS PPM	CS PPM	FE PPM	NO PPM	DE PPM	LI PPM	AL PPM	CU PPM	SI PPM	CA PPM	CE PPM	CL PPM	CO PPM
423508	24.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	67770.00	-0.12	1014.00	21022.00	53.00	-163.00	41.00
423509	20.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	71050.00	-0.10	808.00	21770.00	66.00	-102.00	32.10
423700	10.00	-5.00	1233.00	-9999.00	-9999.00	-9999.00	72770.00	-0.13	-199.00	28160.00	256.00	-143.00	14.70
423701	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	73770.00	-0.10	949.00	20240.00	249.00	-24.00	22.00
423702	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	72790.00	-0.12	932.00	20440.00	242.00	100.00	22.00
423703	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	71170.00	-0.12	1160.00	32370.00	210.00	-134.00	19.00
423704	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	70420.00	-0.12	891.00	30460.00	283.00	-135.00	22.00
423705	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	68430.00	-0.11	706.00	27490.00	475.00	-129.00	17.30
423706	-5.00	-5.00	525.00	-9999.00	-9999.00	-9999.00	72560.00	-0.07	251.00	16920.00	123.00	-142.00	7.30
423707	-5.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	74310.00	-0.12	854.00	30250.00	161.00	-142.00	35.40
423708	7.00	-5.00	743.00	-9999.00	-9999.00	-9999.00	73400.00	-0.11	722.00	27730.00	279.00	-144.00	12.30
423709	8.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	60460.00	-0.10	612.00	9286.00	69.00	-100.00	23.20
423711	7.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	50990.00	-0.10	474.00	7140.00	60.00	-99.00	14.70
423715	14.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	51750.00	-0.08	572.00	2850.00	55.00	-106.00	18.70
423721	-5.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	57350.00	-0.08	540.00	3223.00	68.00	-93.00	12.10
423722	9.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	58970.00	-0.09	534.00	4734.00	94.00	-90.00	14.90
423727	6.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	64040.00	-0.11	748.00	5733.00	99.00	-92.00	16.00
423731	11.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	61670.00	-0.10	911.00	11110.00	76.00	-95.00	19.30
423732	6.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	67040.00	-0.12	794.00	12820.00	68.00	-104.00	21.80
423734	9.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	69690.00	-0.13	758.00	20490.00	53.00	-133.00	31.60
423735	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	69780.00	-0.13	543.00	17870.00	74.00	-119.00	20.00
423736	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	73390.00	-0.11	741.00	19900.00	52.00	-103.00	34.50
423737	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	69900.00	-0.11	713.00	19110.00	56.00	-131.00	30.70
423738	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	65640.00	-0.12	730.00	21060.00	49.00	-122.00	28.00
423739	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	70500.00	-0.13	512.00	20000.00	48.00	-125.00	29.90
423740	8.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	72660.00	-0.13	914.00	23060.00	44.00	-117.00	29.80
423741	-5.00	-5.00	86.00	-9999.00	-9999.00	-9999.00	60240.00	-0.14	832.00	72540.00	46.00	-162.00	27.40
423742	-5.00	-5.00	99.00	-9999.00	-9999.00	-9999.00	67620.00	-0.13	663.00	15750.00	49.00	-131.00	24.30
423743	6.00	-5.00	100.00	-9999.00	-9999.00	-9999.00	67290.00	-0.13	653.00	18640.00	61.00	-139.00	22.30
423745	6.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	61850.00	-0.12	701.00	14070.00	68.00	-143.00	28.00
423754	9.00	-5.00	136.00	-9999.00	-9999.00	-9999.00	69850.00	-0.29	811.00	9730.00	65.00	-104.00	19.20
423762	-5.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	74150.00	-0.30	816.00	18820.00	52.00	-116.00	19.70
423764	7.00	-5.00	257.00	-9999.00	-9999.00	-9999.00	82000.00	-0.27	586.00	16750.00	103.00	-113.00	23.60
423767	-5.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	66330.00	-0.17	656.00	5261.00	80.00	-81.00	19.40
423768	32.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	71270.00	-0.15	593.00	13970.00	51.00	-125.00	27.20
423785	9.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	75380.00	-0.15	479.00	15630.00	63.00	-126.00	22.00
423792	7.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	62450.00	-0.14	797.00	11200.00	87.00	-100.00	20.30
423796	7.00	-5.00	244.00	-9999.00	-9999.00	-9999.00	54990.00	-0.13	560.00	8579.00	120.00	-101.00	19.10
423802	9.00	-5.00	205.00	-9999.00	-9999.00	-9999.00	60010.00	-0.10	662.00	5772.00	74.00	-97.00	31.00
423844	18.00	-5.00	171.00	-9999.00	-9999.00	-9999.00	58300.00	-0.14	605.00	10280.00	57.00	-108.00	20.20
423914	53.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	54330.00	-0.16	1937.00	19390.00	49.00	-126.00	29.60
423915	42.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	48510.00	-0.13	899.00	1243.00	76.00	-275.00	48.30
423916	71.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	54680.00	-0.15	1148.00	1080.00	95.00	-95.00	21.20
423918	28.00	-5.00	313.00	-9999.00	-9999.00	-9999.00	78570.00	-0.12	-201.00	-984.00	79.00	-193.00	32.20
423919	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	73650.00	-0.11	438.00	4741.00	271.00	-130.00	13.20
423920	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	74260.00	-0.12	410.00	-1668.00	260.00	-151.00	10.10
423921	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	64420.00	-0.12	677.00	11420.00	126.00	-91.00	14.90
423923	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	65400.00	-0.10	777.00	11290.00	109.00	-85.00	15.10

58

LITTLES STREAM SEDIMENT

PG. THREE - SAMPLE SET

6

SAMPLE NO.	CP PPM	CS PPM	CT PPM	CU PPM	CP PPM	HF PPM	W PPM	CB PPM	LM PPM	PC PPM	MM PPM	MA PPM	DE PPM
423558	173.00	5.30	5.00	1.70	65750.00	3.70	-7256.00	71.00	.40	15350.00	3122.00	7661.00	-51.00
423599	97.00	5.30	6.00	1.30	57790.00	5.30	16660.00	24.00	.50	21670.00	1021.00	6570.00	-47.00
423700	47.00	9.10	11.00	3.10	49790.00	67.10	11050.00	119.00	1.10	9636.00	879.00	21520.00	-47.00
423701	56.00	5.60	8.00	3.20	62280.00	19.70	21780.00	95.00	.40	16750.00	1795.00	16720.00	-38.00
423702	90.00	6.50	6.00	3.40	75500.00	27.10	19660.00	112.00	.50	19100.00	1608.00	17330.00	67.00
423703	67.00	5.20	7.00	3.70	61400.00	14.80	19320.00	99.00	.40	17670.00	1266.00	16960.00	-45.00
423704	50.00	5.40	7.00	3.80	90600.00	30.20	16500.00	109.00	.50	14990.00	1558.00	18200.00	-28.00
423705	61.00	4.90	15.00	4.10	68190.00	49.50	19280.00	196.00	.90	13120.00	1473.00	18290.00	76.00
423706	27.00	16.60	5.00	1.20	33360.00	28.90	21720.00	60.00	.70	4742.00	533.00	27740.00	35.00
423707	45.00	5.70	10.00	4.10	45420.00	33.40	25020.00	137.00	.60	15380.00	1389.00	20910.00	66.00
423708	49.00	8.20	7.00	2.30	47480.00	30.40	20470.00	129.00	.60	10140.00	1218.00	21830.00	20.00
423709	95.00	5.30	7.00	1.50	37910.00	5.80	9842.00	27.00	.40	8322.00	1046.00	9716.00	36.00
423711	88.00	-1.90	5.00	1.10	32530.00	5.60	6910.00	24.00	.30	7150.00	976.00	10300.00	-39.00
423713	71.00	2.50	4.00	1.20	35710.00	5.30	-3729.00	25.00	.30	9675.00	1196.00	11680.00	36.00
423721	66.00	2.10	6.00	1.20	31950.00	6.00	8159.00	33.00	.40	7299.00	252.00	10930.00	22.00
423722	95.00	-1.50	7.00	1.50	32640.00	7.40	10730.00	36.00	.50	9316.00	287.00	11470.00	-37.00
423727	121.00	3.10	6.00	1.40	34200.00	7.10	9200.00	35.00	.60	8519.00	445.00	11850.00	-59.00
423731	118.00	-2.10	5.00	1.50	44400.00	6.30	9972.00	33.00	.50	9579.00	646.00	12660.00	-36.00
423732	117.00	-2.40	6.00	1.30	46370.00	5.00	10950.00	31.00	.40	13700.00	539.00	12790.00	-42.00
423734	111.00	-2.90	7.00	1.30	49330.00	4.60	12000.00	31.00	.40	15160.00	1379.00	11590.00	-55.00
423735	118.00	4.60	4.00	1.40	52350.00	3.70	-5081.00	23.00	.40	13620.00	1309.00	11950.00	-44.00
423736	127.00	7.80	5.00	1.20	60250.00	3.90	17760.00	24.00	.30	17430.00	1325.00	11630.00	-41.00
423737	115.00	4.70	5.00	1.30	53140.00	4.40	13730.00	25.00	.40	17620.00	1202.00	11600.00	-41.00
423738	122.00	4.90	4.00	1.40	50060.00	5.40	22550.00	22.00	.40	17150.00	1113.00	11420.00	-49.00
423739	107.00	4.80	5.00	1.50	50320.00	4.10	12180.00	25.00	.40	15650.00	1253.00	12070.00	-40.00
423740	111.00	4.20	6.00	1.30	54600.00	3.10	10700.00	20.00	.40	18920.00	1102.00	13420.00	-50.00
423741	146.00	-2.40	7.00	2.00	41620.00	2.50	-5853.00	23.00	.40	13840.00	1109.00	11160.00	-51.00
423742	137.00	4.00	5.00	1.40	48390.00	3.90	9764.00	24.00	.40	14310.00	1053.00	14260.00	-51.00
423743	134.00	4.70	5.00	1.60	40130.00	3.70	-5351.00	32.00	.50	13360.00	149.00	11760.00	-52.00
423745	131.00	3.40	8.00	1.90	45530.00	4.40	-5983.00	36.00	.50	14630.00	1308.00	9457.00	-46.00
423754	118.00	2.90	5.00	1.30	44210.00	5.00	11940.00	-29.00	.30	10490.00	547.00	11810.00	-48.00
423762	163.00	-2.40	5.00	1.50	40360.00	5.10	11650.00	-32.00	.40	17250.00	649.00	14700.00	-50.00
423764	222.00	-2.00	7.00	1.50	47460.00	9.40	8351.00	-21.00	.40	11730.00	899.00	14640.00	-40.00
423782	122.00	4.20	5.00	1.10	41450.00	6.10	10600.00	36.00	.50	9806.00	536.00	7620.00	-35.00
423783	160.00	3.80	6.00	1.40	49040.00	3.00	8167.00	26.00	.30	13690.00	774.00	11010.00	-49.00
423785	94.00	-2.50	3.00	.90	66410.00	5.30	8241.00	-9.00	.30	14250.00	913.00	16200.00	-47.00
423792	102.00	-2.20	6.00	1.70	39200.00	5.30	10400.00	39.00	.40	8771.00	970.00	11100.00	-39.00
423796	85.00	-2.00	7.00	1.50	35410.00	9.50	10410.00	40.00	.50	7509.00	819.00	11440.00	70.00
423802	92.00	3.60	6.00	1.30	33680.00	7.70	10440.00	37.00	.40	9053.00	298.00	12770.00	-30.00
423844	132.00	-2.20	4.00	1.30	46610.00	6.60	6510.00	25.00	.40	11130.00	599.00	13400.00	-39.00
423914	143.00	4.50	4.00	1.20	61040.00	3.90	-5591.00	24.00	.30	13160.00	2273.00	7971.00	-49.00
423915	99.00	7.70	9.00	1.40	79510.00	5.50	-10910.00	36.00	.40	-5394.00	7049.00	5099.00	-48.00
423916	85.00	6.40	8.00	1.60	95300.00	4.70	17150.00	43.00	.40	3059.00	952.00	4226.00	-60.00
423918	62.00	14.10	20.00	.40	23430.00	19.20	16920.00	114.00	2.00	-2493.00	989.00	18170.00	212.00
423919	62.00	16.40	20.00	1.00	24620.00	22.30	27130.00	117.00	1.90	-2304.00	1037.00	19140.00	257.00
423920	58.00	14.30	25.00	.50	24150.00	17.90	22930.00	112.00	2.30	-2682.00	843.00	17520.00	210.00
423921	84.00	4.10	7.00	1.50	31870.00	8.90	12610.00	52.00	.40	7770.00	449.00	11290.00	92.00
423923	70.00	5.70	7.00	1.50	33730.00	9.70	11360.00	58.00	.40	9859.00	453.00	11320.00	78.00

BETTLES STREAM SEDIMENT

PG. FOUR - SAMPLE SET

6

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TH PPM	TM PPM	TE PPM	V PPM	YL PPM	ZE PPM	TH/U RATIO
423698	-4.00	26.90	5.90	-374.00	-2.00	-1.00	5.50	4929.00	253.00	2.70	124.00	1.93100
423699	-4.00	23.50	6.50	-380.00	-2.00	-1.00	6.90	5026.00	226.00	2.00	-69.00	2.29900
423700	-3.00	18.10	27.30	-356.00	-3.00	-1.00	63.60	4488.00	140.00	6.80	-75.00	1.58500
423701	-3.00	22.20	17.90	814.00	-2.00	-1.00	22.40	5716.00	208.00	4.10	151.00	2.33100
423702	-3.00	22.20	20.90	659.00	-3.00	-1.00	25.70	6447.00	261.00	3.90	172.00	2.06600
423703	-3.00	17.70	17.90	660.00	-2.00	-1.00	17.90	5868.00	209.00	4.60	132.00	2.42100
423704	-3.00	22.50	22.30	-390.00	-2.00	-1.00	23.20	6204.00	263.00	8.30	-67.00	2.37500
423705	-3.00	21.40	31.20	-351.00	4.00	-1.00	75.60	7000.00	184.00	9.70	157.00	4.38600
423706	-2.00	6.30	12.70	-277.00	3.00	-1.00	60.50	2600.00	90.00	6.20	-23.00	2.28300
423707	-3.00	18.40	25.20	512.00	-2.00	-1.00	41.30	6848.00	143.00	7.40	-54.00	3.19500
423708	-3.00	16.80	21.60	-372.00	-2.00	-1.00	49.40	2701.00	142.00	6.10	-39.00	2.59700
423709	-4.00	16.40	6.10	-309.00	-2.00	-1.00	8.10	5060.00	140.00	4.90	114.00	3.16500
423711	-3.00	12.40	5.30	-336.00	-1.00	-1.00	8.50	5075.00	119.00	2.40	-114.00	3.74600
423713	-2.70	14.30	4.10	-308.00	-2.00	-1.00	6.70	5474.00	122.00	2.60	95.00	3.37800
423721	-2.10	13.10	5.60	-197.00	-2.00	-9999.00	9.40	4861.00	115.00	5.30	129.00	3.90600
423722	-3.00	13.10	7.40	-227.00	-2.00	-1.00	10.10	5363.00	129.00	4.80	191.00	3.37800
423727	-3.00	14.70	6.50	-238.00	-1.00	-1.00	9.70	4443.00	180.00	4.50	69.00	3.59000
423731	-3.00	16.70	6.70	-253.00	-1.00	-1.00	8.70	5333.00	162.00	4.50	102.00	3.42200
423732	-3.00	11.60	4.40	-248.00	-2.00	-1.00	6.90	5892.00	188.00	4.20	-64.00	2.67400
423734	-4.00	21.30	6.10	-489.00	-3.00	-1.00	6.80	5286.00	203.00	3.90	214.00	2.31500
423735	-4.00	21.10	5.20	-386.00	-2.00	-1.00	6.90	4691.00	208.00	2.80	-129.00	2.85700
423736	-3.00	26.10	6.30	-308.00	-2.00	-1.00	5.40	5196.00	275.00	2.60	-58.00	2.06800
423737	-3.00	22.50	6.10	-375.00	-2.00	-1.00	7.10	4920.00	281.00	2.90	101.00	2.96700
423738	-3.00	21.10	5.30	-407.00	-2.00	-1.00	6.70	5701.00	181.00	3.10	101.00	2.77800
423739	-4.00	21.00	5.40	-390.00	-2.00	-1.00	5.00	4663.00	217.00	-2.50	97.00	2.45700
423740	-4.00	26.30	4.10	-320.00	-2.00	-1.00	6.90	5399.00	214.00	-2.00	-75.00	2.51900
423741	-4.00	20.00	5.70	-465.00	-3.00	-1.00	5.70	4251.00	179.00	-2.60	-81.00	1.81300
423742	-4.00	22.90	5.60	-421.00	-2.00	-1.00	5.70	4938.00	191.00	3.80	-73.00	2.80900
423743	-4.00	19.70	6.60	-456.00	-2.00	-1.00	6.50	4247.00	175.00	-2.50	180.00	2.02400
423745	-3.00	12.40	7.10	-435.00	-2.00	-1.00	7.60	4957.00	157.00	4.80	-83.00	3.11500
423754	-8.00	18.30	5.90	-273.00	-1.00	-1.00	9.30	5093.00	174.00	-3.50	167.00	3.46000
423762	-9.00	20.80	5.00	-301.00	-2.00	-1.00	6.20	4681.00	170.00	-3.90	-202.00	2.49400
423764	-7.00	20.80	4.60	-288.00	-2.00	-1.00	7.30	7736.00	168.00	-3.20	-38.00	2.68100
423782	-3.00	16.50	4.70	-227.00	-2.00	-1.00	9.40	7804.00	175.00	3.70	79.00	3.28800
423783	-4.00	21.30	5.30	-333.00	-2.00	-1.00	5.70	5487.00	200.00	3.00	169.00	2.33600
423785	-4.00	21.30	2.90	-345.00	-2.00	-1.00	5.40	5325.00	189.00	-2.50	-68.00	3.06700
423792	-4.00	17.30	6.90	-348.00	-2.00	-1.00	8.70	4353.00	142.00	6.10	-32.00	3.34400
423796	-3.00	12.50	8.30	-328.00	-2.00	-1.00	9.60	5025.00	111.00	5.50	-50.00	3.18500
423802	-3.00	13.20	5.30	-207.00	-1.00	-9999.00	8.40	5125.00	139.00	3.00	78.00	3.17500
423844	-4.00	16.20	5.30	-271.00	-1.00	-1.00	7.20	5491.00	167.00	5.20	-47.00	3.21500
423914	-4.00	23.60	3.10	-481.00	-2.00	-1.00	5.00	4044.00	205.00	4.50	-71.00	1.79200
423915	-4.00	14.40	7.50	-472.00	-2.00	-1.00	8.60	-9999.00	120.00	2.50	274.00	2.76200
423916	15.00	11.50	7.60	-347.00	-2.00	-1.00	8.00	4039.00	130.00	5.50	217.00	2.49400
423918	-3.00	8.90	30.10	-363.00	4.00	2.00	110.50	1857.00	53.00	24.10	279.00	2.48100
423919	-3.00	5.60	22.10	-321.00	4.00	1.00	101.30	2492.00	62.00	18.40	167.00	2.62500
423920	-3.00	8.30	30.20	-363.00	4.00	2.00	102.70	3226.00	68.00	20.70	197.00	2.47500
423921	-3.00	12.70	8.60	-252.00	-2.00	-1.00	17.00	5447.00	115.00	7.00	-114.00	2.61800
423923	-3.00	13.60	8.10	-201.00	-1.00	1.00	14.50	5463.00	122.00	5.50	129.00	2.46900

Appendix B. Lake Sediment Data

NETTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET

1

SAMPLE NO.	AT.	LONG.	PH	COND.	SOILT.	URANIUM PPM	SILVER PPM	ALUMINUM PPM	CADMIUM PPM	COPPER PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM	
423001	66.6914	151.8911	6.	1.0	-9999.	2.68	-5.00	-5.00	-5.00	92.00	-20.00	44.00	14.00	-10.00	-15.00
423002	66.6609	151.7886	5.	4.0	-9999.	2.77	-5.00	-5.00	-5.00	34.00	-70.00	26.00	-5.00	-10.00	-15.00
423003	66.6439	151.9258	5.	9.0	-9999.	2.17	-5.00	-5.00	-5.00	25.00	-20.00	-15.00	-5.00	-10.00	-15.00
423004	66.6303	151.9678	6.	2.0	-9999.	.87	-5.00	-5.00	-5.00	53.00	-70.00	24.00	-5.00	-10.00	-15.00
423005	66.6056	151.9856	6.	11.0	-9999.	2.74	-5.00	-5.00	-5.00	55.00	-20.00	42.00	4.00	-10.00	-15.00
423006	66.5956	152.0031	6.	6.0	-9999.	3.24	-5.00	-5.00	-5.00	40.00	-20.00	42.00	14.00	-10.00	-15.00
423007	66.5444	152.0078	6.	12.0	-9999.	2.16	-5.00	-5.00	-5.00	59.00	-20.00	35.00	10.00	-10.00	-15.00
423008	66.4953	152.0227	6.	1.0	-9999.	2.62	-5.00	-5.00	-5.00	29.00	-20.00	16.00	8.00	-10.00	-15.00
423009	66.4446	152.0224	6.	4.0	-9999.	1.80	-5.00	-5.00	-5.00	25.00	-20.00	15.00	-5.00	-10.00	-15.00
423010	66.4296	152.0122	6.	7.0	-9999.	2.09	-5.00	-5.00	-5.00	33.00	-20.00	27.00	-5.00	-10.00	-15.00
423011	66.4125	152.0100	6.	17.0	-9999.	3.14	-5.00	-5.00	-5.00	34.00	-20.00	27.00	-5.00	-10.00	-15.00
423012	66.3964	151.9761	6.	7.0	-9999.	3.09	-5.00	-5.00	-5.00	38.00	-20.00	25.00	8.00	-10.00	-15.00
423013	66.3678	151.9978	8.	24.0	-9999.	2.31	-5.00	-5.00	-5.00	36.00	-20.00	34.00	-5.00	-10.00	-15.00
423014	66.3542	151.9459	6.	1.0	-9999.	2.11	-5.00	-5.00	-5.00	52.00	-20.00	39.00	-5.00	-10.00	-15.00
423015	66.2417	150.3228	8.	53.0	-9999.	5.23	-5.00	5.00	-5.00	40.00	-20.00	29.00	9.00	-10.00	-15.00
423016	66.2467	150.3436	6.	1.0	-9999.	3.44	-5.00	-5.00	-5.00	43.00	-20.00	20.00	10.00	-10.00	-15.00
423017	66.2436	150.4100	5.	10.0	-9999.	3.27	-5.00	-5.00	-5.00	67.00	-20.00	35.00	7.00	-10.00	-15.00
423018	66.2144	151.1689	6.	12.0	-9999.	3.15	-5.00	-5.00	-5.00	58.00	-20.00	40.00	7.00	-10.00	-15.00
423019	66.2469	151.1914	6.	11.0	-9999.	3.01	-5.00	-5.00	-5.00	36.00	-20.00	35.00	8.00	-10.00	-15.00
423020	66.2208	151.2078	6.	1.0	-9999.	1.71	-5.00	-5.00	-5.00	58.00	-20.00	28.00	-5.00	-10.00	-15.00
423021	66.2350	151.1722	6.	13.0	-9999.	1.79	-5.00	-5.00	-5.00	36.00	-20.00	16.00	-5.00	-10.00	-15.00
423022	66.2219	151.4611	6.	4.0	-9999.	7.30	-5.00	-5.00	-5.00	62.00	-20.00	97.00	5.00	-10.00	-15.00
423023	66.2114	151.5164	6.	6.0	-9999.	3.87	-5.00	11.00	-5.00	35.00	-20.00	50.00	14.00	-10.00	-15.00
423024	66.2083	151.9672	6.	39.0	-9999.	3.72	-5.00	-5.00	-5.00	32.00	-20.00	29.00	5.00	-10.00	-15.00
423025	66.2333	152.0653	6.	6.0	-9999.	3.93	-5.00	-5.00	-5.00	52.00	-20.00	30.00	-5.00	-10.00	-15.00
423026	66.2254	152.1494	6.	10.0	-9999.	.91	-5.00	-5.00	-5.00	27.00	-20.00	43.00	-5.00	-10.00	-15.00
423027	66.2100	152.2161	7.	24.0	-9999.	3.20	-5.00	-5.00	-5.00	36.00	-20.00	38.00	9.00	-10.00	-15.00
423028	66.2192	152.2758	7.	30.0	-9999.	1.87	-5.00	-5.00	-5.00	28.00	-20.00	40.00	-5.00	-10.00	-15.00
423029	66.2419	152.3656	6.	9.0	-9999.	.42	-5.00	-5.00	-5.00	36.00	-20.00	33.00	-5.00	-10.00	-15.00
423030	66.2367	152.4514	6.	20.0	-9999.	3.23	-5.00	-5.00	-5.00	33.00	-20.00	37.00	17.00	-10.00	-15.00
423031	66.2242	152.6314	7.	24.0	-9999.	3.62	-5.00	-5.00	-5.00	36.00	-20.00	42.00	10.00	-10.00	-15.00
423032	66.2347	152.6927	7.	24.0	-9999.	2.89	-5.00	-5.00	-5.00	34.00	-20.00	36.00	9.00	-10.00	-15.00
423033	66.2356	152.9039	6.	3.0	-9999.	3.03	-5.00	-5.00	-5.00	34.00	-20.00	35.00	9.00	-10.00	-15.00
423034	66.1939	152.9403	7.	11.0	-9999.	3.00	-5.00	-5.00	-5.00	49.00	-20.00	33.00	7.00	-10.00	-15.00
423035	66.1756	152.9144	4.	9.0	-9999.	.24	-5.00	-5.00	-5.00	33.00	-20.00	-15.00	-5.00	-10.00	-15.00
423036	66.2044	152.7042	6.	7.0	-9999.	2.02	-5.00	-5.00	-5.00	47.00	-20.00	34.00	9.00	-10.00	-15.00
423037	66.1731	152.6814	7.	34.0	-9999.	2.90	-5.00	5.00	-5.00	33.00	-20.00	31.00	11.00	-10.00	-15.00
423038	66.1941	152.5364	7.	21.0	-9999.	2.71	-5.00	6.00	-5.00	31.00	-20.00	38.00	6.00	-10.00	-15.00
423039	66.1772	152.4731	7.	30.0	-9999.	.77	-5.00	-5.00	-5.00	19.00	-20.00	15.00	-5.00	-10.00	-15.00
423040	66.1911	152.4194	6.	4.0	-9999.	.94	-5.00	-5.00	-5.00	29.00	-20.00	31.00	-5.00	-10.00	-15.00
423041	66.1894	152.3403	7.	4.0	-9999.	3.39	-5.00	-5.00	-5.00	22.00	-20.00	26.00	9.00	-10.00	-15.00
423042	66.2060	152.2864	7.	6.0	-9999.	1.23	-5.00	-5.00	-5.00	32.00	-20.00	38.00	-5.00	-10.00	-15.00
423043	66.1933	152.1944	5.	1.0	-9999.	.32	-5.00	-5.00	-5.00	16.00	-20.00	-15.00	-5.00	-10.00	-15.00
423044	66.1719	152.1569	7.	41.0	-9999.	3.50	-5.00	-5.00	-5.00	33.00	-20.00	38.00	5.00	-10.00	-15.00
423045	66.2000	152.0994	7.	9.0	-9999.	4.88	-5.00	6.00	-5.00	16.00	-20.00	24.00	10.00	-10.00	-15.00
423046	66.1944	152.0328	7.	24.0	-9999.	3.87	-5.00	-5.00	-5.00	34.00	-20.00	41.00	7.00	-10.00	-15.00
423047	66.1772	151.9531	7.	34.0	-9999.	4.40	-5.00	6.00	-5.00	30.00	-20.00	45.00	15.00	-10.00	-15.00
423048	66.1786	151.8492	7.	40.0	-9999.	4.44	-5.00	-5.00	-5.00	73.00	-20.00	94.00	12.00	-10.00	-15.00
423049	66.1797	151.7814	7.	35.0	-9999.	4.41	-5.00	5.00	-5.00	47.00	-20.00	71.00	16.00	-10.00	-15.00
423050	66.1833	151.7117	7.	19.0	-9999.	4.20	-5.00	6.00	-5.00	43.00	-20.00	58.00	12.00	-10.00	-15.00

RETTEES LAKE SEDIMENT

PG. TWO - SAMPLE SET

1

SAMPLE NO.	AS PPM	SE PPM	TP PPM	NO PPM	RE PPM	LE PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423001	11.00	-5.00	82.00	-9999.00	-9999.00	-9999.00	50000.00	-1.15	792.00	2774.00	56.00	134.00	19.10
423002	9.00	-5.00	193.00	-9999.00	-9999.00	-9999.00	6190.00	-1.10	713.00	5933.00	77.00	-97.00	14.50
423003	10.00	-5.00	42.00	-9999.00	-9999.00	-9999.00	28930.00	-1.12	379.00	-1242.00	45.00	-92.00	5.10
423004	15.00	-5.00	35.00	-9999.00	-9999.00	-9999.00	5630.00	-1.04	-110.00	10240.00	24.00	449.00	13.20
423005	12.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	71600.00	-1.13	735.00	7927.00	79.00	-105.00	18.40
423006	-5.00	-1.00	159.00	-9999.00	-9999.00	-9999.00	94400.00	-1.15	831.00	-1038.00	72.00	-112.00	15.00
423007	18.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	42670.00	-1.11	516.00	10240.00	47.00	276.00	18.20
423008	-5.00	-5.00	164.00	-9999.00	-9999.00	-9999.00	57010.00	-1.10	747.00	-1048.00	62.00	-114.00	5.50
423009	6.00	-5.00	81.00	-9999.00	-9999.00	-9999.00	39070.00	-1.15	460.00	-1037.00	51.00	-110.00	6.60
423010	11.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	61240.00	-1.10	726.00	10920.00	80.00	-90.00	17.10
423011	11.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	59890.00	-1.10	890.00	10940.00	73.00	-96.00	14.30
423012	9.00	-5.00	190.00	-9999.00	-9999.00	-9999.00	61750.00	-1.10	990.00	10390.00	73.00	-105.00	10.90
423013	25.00	-5.00	82.00	-9999.00	-9999.00	-9999.00	40930.00	-1.14	803.00	10430.00	55.00	277.00	19.00
423014	14.00	-5.00	54.00	-9999.00	-9999.00	-9999.00	28770.00	-1.14	426.00	-1155.00	38.00	440.00	11.40
423015	13.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	54670.00	-1.10	1079.00	15750.00	76.00	-92.00	19.00
423016	16.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	63910.00	-1.12	1098.00	9230.00	61.00	-115.00	11.30
423019	10.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	63260.00	-1.11	1042.00	7480.00	72.00	-96.00	13.40
423024	19.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	71120.00	-1.12	861.00	12610.00	70.00	-101.00	24.50
423027	9.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	69700.00	-1.12	1041.00	8955.00	82.00	-102.00	18.50
423028	6.00	-5.00	44.00	-9999.00	-9999.00	-9999.00	19410.00	-1.12	-240.00	9771.00	19.00	-122.00	-3.10
423029	6.00	-5.00	29.00	-9999.00	-9999.00	-9999.00	21290.00	-1.13	442.00	-1560.00	50.00	371.00	-2.40
423030	41.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	46480.00	-1.16	944.00	-1283.00	74.00	-111.00	56.30
423031	13.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	72290.00	-1.10	909.00	10660.00	81.00	-94.00	30.40
423035	16.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	69280.00	-1.10	1112.00	11330.00	89.00	-93.00	18.00
423036	15.00	-5.00	15.00	-9999.00	-9999.00	-9999.00	32410.00	-1.13	565.00	-1480.00	59.00	-107.00	8.20
423037	12.00	-5.00	23.00	-9999.00	-9999.00	-9999.00	6061.00	-1.17	-249.00	14630.00	-13.00	-99.00	-3.40
423039	12.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	63000.00	-1.11	445.00	-287.00	85.00	-103.00	12.30
423039	27.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	20910.00	-1.10	458.00	11550.00	37.00	196.00	10.10
423040	16.00	-5.00	76.00	-9999.00	-9999.00	-9999.00	9583.00	-1.10	-179.00	8434.00	15.00	440.00	9.90
423041	5.00	-5.00	203.00	-9999.00	-9999.00	-9999.00	60790.00	-1.09	857.00	12000.00	83.00	-90.00	13.30
423043	11.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	71750.00	-1.12	923.00	8330.00	81.00	-103.00	21.00
423044	11.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	62340.00	-1.09	901.00	10720.00	63.00	-91.00	16.40
423046	6.00	-5.00	176.00	-9999.00	-9999.00	-9999.00	71270.00	-1.13	1122.00	7080.00	91.00	-104.00	18.40
423048	13.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	60520.00	-1.13	857.00	7149.00	61.00	-103.00	10.80
423049	5.00	-5.00	16.00	-9999.00	-9999.00	-9999.00	5299.00	-1.13	-179.00	-2277.00	-10.00	298.00	-3.30
423051	17.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	63370.00	-1.11	652.00	8464.00	82.00	-94.00	15.20
423052	9.00	-5.00	168.00	-9999.00	-9999.00	-9999.00	62780.00	-1.09	745.00	11270.00	68.00	-94.00	13.00
423053	11.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	63260.00	-1.11	858.00	10040.00	58.00	-113.00	15.80
423054	20.00	-5.00	27.00	-9999.00	-9999.00	-9999.00	6544.00	-1.14	355.00	15640.00	-11.00	332.00	-2.90
423055	8.00	-5.00	32.00	-9999.00	-9999.00	-9999.00	9920.00	-1.14	441.00	14150.00	-31.00	-91.00	-2.90
423056	6.00	-5.00	185.00	-9999.00	-9999.00	-9999.00	5150.00	-1.04	616.00	12320.00	72.00	-92.00	10.40
423057	10.00	-5.00	51.00	-9999.00	-9999.00	-9999.00	76240.00	-1.13	430.00	11720.00	21.00	363.00	-2.00
423058	-5.00	-5.00	21.00	-9999.00	-9999.00	-9999.00	4901.00	-1.14	-171.00	-1521.00	-11.00	300.00	-2.90
423059	7.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	49210.00	-1.13	724.00	12010.00	53.00	-113.00	11.40
423060	9.00	-5.00	257.00	-9999.00	-9999.00	-9999.00	55420.00	-1.09	457.00	10270.00	85.00	-97.00	8.00
423061	27.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	51410.00	-1.12	992.00	13160.00	57.00	-130.00	16.20
423062	7.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	61900.00	-1.12	682.00	12760.00	97.00	-113.00	14.70
423063	31.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	8020.00	-1.16	747.00	-1053.00	91.00	-109.00	43.60
423064	20.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	78440.00	-1.12	1114.00	10540.00	93.00	-106.00	29.00
423065	17.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	74410.00	-1.13	1248.00	8520.00	84.00	-120.00	25.70

BETTLES LAKE SEDIMENT

PE. THREE - SAMPLE SET

1

SAMPLE NO.	CR PPM	CS PPM	DT PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LI PPM	MF PPM	PN PPM	RA PPM	PP PPM
423001	76.00	-2.90	7.00	1.90	24130.00	3.10	7479.00	20.00	.40	2959.00	430.00	4323.00	-50.00
423002	82.00	3.30	4.00	1.40	34440.00	6.20	11650.00	34.00	.40	9010.00	370.00	11500.00	-39.00
423003	46.00	-2.40	4.00	.40	11010.00	9.80	-2801.00	-10.00	.40	2511.00	149.00	5065.00	-44.00
423004	39.00	-1.50	2.00	.30	12840.00	-9.00	-2494.00	-6.00	-.10	-3253.00	191.00	1829.00	-35.00
423005	90.00	5.40	7.00	1.40	47850.00	4.50	17740.00	32.00	.50	11150.00	545.00	10420.00	29.00
423006	111.00	8.10	6.00	1.20	35510.00	4.80	20350.00	35.00	.30	9354.00	271.00	9351.00	120.00
423007	89.00	4.30	4.00	.90	25030.00	2.30	9649.00	27.00	.30	6207.00	451.00	4697.00	70.00
423008	89.00	-2.70	5.00	1.30	21800.00	5.70	13550.00	33.00	.30	9872.00	701.00	10240.00	-30.00
423009	62.00	-2.70	4.00	1.00	23300.00	-1.90	-3964.00	-9.00	-.20	6365.00	373.00	5747.00	-50.00
423010	86.00	-2.10	5.00	1.30	32990.00	7.10	11100.00	34.00	.40	6552.00	362.00	10900.00	-34.00
423011	99.00	3.80	6.00	1.50	30420.00	5.60	11480.00	37.00	.40	9584.00	331.00	9767.00	-39.00
423012	87.00	3.80	6.00	1.50	24740.00	6.00	10400.00	35.00	.40	8959.00	279.00	11220.00	-33.00
423013	69.00	-2.70	4.00	1.20	26400.00	3.60	11670.00	-9.00	-.20	5466.00	496.00	5608.00	-51.00
423014	47.00	-2.70	5.00	.80	15550.00	-1.80	-3316.00	-11.00	-.20	-1849.00	236.00	2751.00	-53.00
423015	100.00	3.30	5.00	1.20	42680.00	5.70	15390.00	38.00	.40	9058.00	365.00	9370.00	94.00
423016	94.00	4.30	5.00	1.30	29050.00	5.00	11030.00	27.00	.30	6881.00	292.00	9547.00	-41.00
423017	99.00	3.60	7.00	1.50	24430.00	4.10	12790.00	36.00	.40	7547.00	302.00	9449.00	-43.00
423018	111.00	11.20	5.00	1.40	38460.00	5.60	16030.00	40.00	.40	12740.00	373.00	9828.00	-47.00
423019	114.00	-2.50	5.00	1.60	37060.00	5.90	16300.00	40.00	.40	8476.00	346.00	9750.00	83.00
423020	-16.00	-2.90	-2.00	-1.50	8097.00	-2.00	-5080.00	-17.00	-.20	-2477.00	412.00	2235.00	-63.00
423021	42.00	-2.50	3.00	-1.50	3616.00	-1.70	-2965.00	-10.00	-.20	-1600.00	124.00	1474.00	-49.00
423022	108.00	-3.20	5.00	1.20	47560.00	3.60	-4904.00	24.00	.40	8321.00	777.00	4545.00	-46.00
423023	152.00	6.10	6.00	1.40	40510.00	5.90	17120.00	46.00	.30	13950.00	625.00	11030.00	-37.00
423024	112.00	4.00	5.00	1.30	39470.00	5.20	11710.00	43.00	.40	8725.00	394.00	11510.00	94.00
423025	49.00	-2.80	5.00	.90	18830.00	-1.70	-3209.00	-13.00	.40	4489.00	245.00	2946.00	-51.00
423026	-21.00	-2.90	-2.00	-1.60	15960.00	-2.20	-3941.00	-14.00	-.20	-2282.00	246.00	809.00	-78.00
423027	160.00	3.60	5.00	1.10	27900.00	5.90	16130.00	35.00	.40	5248.00	315.00	11550.00	-41.00
423028	72.00	-2.60	3.00	.80	26420.00	2.80	6630.00	27.00	.20	4022.00	342.00	4237.00	-39.00
423029	30.00	-2.00	-1.00	-1.40	9844.00	-1.40	-3789.00	-13.00	-.10	-1711.00	367.00	930.00	-44.00
423030	133.00	3.40	6.00	1.20	29270.00	6.40	15200.00	32.00	.40	8504.00	336.00	13000.00	70.00
423031	90.00	6.00	5.00	1.40	42170.00	4.40	12630.00	39.00	.30	8561.00	496.00	11460.00	-43.00
423032	104.00	3.50	4.00	1.40	33140.00	6.40	12690.00	32.00	.40	9993.00	419.00	12170.00	88.00
423033	117.00	4.30	5.00	1.50	38670.00	5.40	11480.00	34.00	.50	9643.00	367.00	10590.00	-41.00
423034	109.00	5.90	5.00	1.20	28970.00	4.30	12020.00	30.70	.30	6767.00	294.00	8758.00	-65.00
423035	-16.00	-2.40	-1.00	-1.50	-1800.00	-1.70	-3377.00	-14.00	-.20	-1609.00	111.00	337.00	-53.00
423036	99.00	-2.10	4.00	1.30	33260.00	5.30	12880.00	30.00	.20	6549.00	339.00	10370.00	-39.00
423037	104.00	4.60	5.00	1.30	32010.00	6.40	11160.00	37.00	.30	8943.00	461.00	12180.00	-32.00
423038	107.00	4.90	5.00	1.40	32690.00	5.90	13370.00	29.00	.30	9667.00	391.00	11670.00	101.00
423039	-18.00	-2.00	-1.00	-1.50	11750.00	-1.80	-3315.00	-14.00	-.20	4662.00	149.00	2143.00	-58.00
423040	-17.00	-2.30	-1.00	-1.50	9236.00	-1.90	-3105.00	-15.00	-.20	-1665.00	136.00	1386.00	-56.00
423041	224.00	3.40	4.00	1.10	20690.00	8.00	12320.00	32.00	.30	5514.00	310.00	12570.00	76.00
423042	55.00	-2.70	2.00	-1.40	10980.00	-1.70	-3583.00	-14.00	-.20	-2098.00	187.00	2734.00	-54.00
423043	-17.00	-2.40	-1.00	-1.50	-1465.00	-1.80	-2561.00	-13.00	-.20	-1508.00	83.00	670.00	-50.00
423044	78.00	5.00	5.00	1.80	22670.00	4.50	16880.00	24.00	.30	-2199.00	345.00	7997.00	-50.00
423045	187.00	4.00	6.00	1.40	27920.00	8.70	13510.00	41.00	.50	9000.00	365.00	12550.00	103.00
423046	160.00	-2.50	4.00	1.10	22880.00	4.80	17710.00	30.70	.30	6050.00	472.00	9611.00	-49.00
423047	640.00	5.20	5.00	.90	24120.00	7.10	18050.00	34.00	.50	12340.00	444.00	12200.00	-41.00
423048	129.00	7.50	5.00	1.70	80270.00	-1.90	15430.00	90.00	.50	10920.00	730.00	7739.00	-61.00
423049	159.00	8.70	7.00	1.70	44270.00	5.80	14330.00	48.00	.50	15650.00	583.00	9823.00	75.00
423050	115.00	6.90	7.00	1.70	37750.00	4.80	21400.00	42.00	.40	10170.00	435.00	9660.00	-51.00

MATTIES LAKE SEDIMENT

PC. FOUR - SAMPLE 851 1

SAMPLE NO.	SN PPM	SC PPM	SP PPM	SS PPM	TS PPM	VR PPM	TH PPM	TE PPM	V PPM	VR PPM	TH PPM	TH/U PPM
423001	-4.00	15.00	6.60	-327.00	-2.00	-1.00	8.30	3265.00	134.00	4.20	170.00	3.09600
423002	-3.00	15.30	6.20	-279.00	-1.00	-1.00	10.30	4420.00	136.00	4.60	-55.00	3.73700
423003	-3.00	8.10	-1.00	-223.00	-3.00	-1.00	6.00	2536.00	71.00	-2.20	-55.00	2.76200
423004	-2.00	4.00	1.70	-192.00	-2.00	-9999.00	7.50	957.00	37.00	-1.50	15.00	2.87400
423005	-4.00	17.50	6.30	-319.00	-2.00	-1.00	10.30	5019.00	156.00	-2.30	153.00	3.62300
423006	-4.00	27.10	4.80	-271.00	-3.00	-1.00	11.20	5526.00	219.00	-2.70	-86.00	3.43600
423007	-3.00	11.20	4.40	-266.00	-2.00	-1.00	7.00	2496.00	118.00	-1.80	285.00	3.61000
423008	-3.00	12.70	5.10	-226.00	-2.00	-1.00	7.50	4409.00	109.00	3.00	-47.00	2.86500
423009	-4.00	9.50	2.80	-346.00	-3.00	-1.00	5.90	3316.00	96.00	-2.70	-29.00	3.27000
423010	-3.00	13.80	5.10	-229.00	-2.00	-1.00	8.90	3862.00	123.00	3.50	-51.00	2.94100
423011	-3.00	14.00	5.20	-274.00	-2.00	-1.00	10.00	4126.00	118.00	-1.00	141.00	3.43600
423012	-3.00	13.00	6.10	-230.00	-2.00	-1.00	9.80	4627.00	122.00	3.70	112.00	3.17500
423013	-4.00	2.10	2.80	-364.00	-3.00	-1.00	8.20	2596.00	104.00	-2.40	-37.00	3.54400
423014	-4.00	7.20	1.90	-276.00	-3.00	-1.00	6.60	1356.00	70.00	-2.50	187.00	3.12500
423015	-3.00	16.30	5.60	-216.00	-2.00	-1.00	10.40	4714.00	147.00	-1.90	139.00	1.98900
423016	-3.00	13.90	5.00	-254.00	-2.00	-1.00	9.30	4871.00	130.00	-1.90	139.00	2.71300
423017	-3.00	14.80	5.90	-229.00	-2.00	-1.00	11.30	4794.00	128.00	-2.60	-51.00	3.46000
423026	-3.00	15.90	5.70	-255.00	-2.00	-1.00	13.70	3729.00	112.00	-2.40	-64.00	4.34400
423027	-3.00	16.00	6.00	-248.00	-2.00	-1.00	13.10	4547.00	146.00	-2.00	-60.00	4.34400
423028	-4.00	5.40	2.10	-411.00	-4.00	-1.00	-2.30	-9999.00	-36.00	-3.00	-114.00	0.00000
423029	-3.00	4.90	2.70	-252.00	-4.00	-1.00	5.40	-9999.00	26.00	-2.60	-91.00	3.02100
423030	-4.00	14.00	5.00	-414.00	-4.00	-1.00	11.70	2303.00	106.00	-2.00	203.00	1.53400
423031	-3.00	17.60	6.70	-255.00	-2.00	-1.00	12.20	5351.00	161.00	-1.80	129.00	2.61100
423035	-3.00	15.70	7.40	-221.00	-1.00	-1.00	12.70	5380.00	139.00	5.40	-115.00	3.41300
423036	-4.00	8.60	4.00	-289.00	-3.00	-1.00	5.10	-9999.00	74.00	4.00	-83.00	1.29700
423037	-4.00	1.80	-1.30	-380.00	-4.00	-1.00	-2.00	-9999.00	-9.00	-3.10	-104.00	0.10000
423038	-3.00	13.90	3.90	-245.00	-2.00	-1.00	11.50	1436.00	104.00	-2.00	-99.00	3.19700
423039	-3.00	7.70	3.00	-248.00	-2.00	-1.00	8.10	2366.00	77.00	-2.00	-149.00	4.32900
423040	-3.00	2.50	-1.70	-327.00	-3.00	-1.00	2.50	-9999.00	24.00	-1.00	-65.00	2.71700
423041	-2.00	12.70	6.30	-227.00	-1.00	-1.00	13.90	4094.00	108.00	4.50	-65.00	4.31900
423043	-3.00	7.40	5.30	-271.00	-2.00	-1.00	10.20	3701.00	143.00	3.00	-71.00	3.37400
423044	-2.00	14.10	4.90	-213.00	-2.00	-1.00	9.40	4421.00	130.00	4.30	117.00	3.25700
423046	-4.00	16.20	6.90	-275.00	-2.00	-1.00	10.50	4708.00	142.00	3.90	-127.00	3.42000
423048	-3.00	15.40	4.80	-249.00	-3.00	-1.00	9.90	4455.00	137.00	-2.90	-111.00	3.30000
423049	-3.00	1.00	-1.00	-255.00	-3.00	-1.00	-1.90	-9999.00	-7.00	-2.40	-84.00	0.00000
423051	-3.00	12.70	6.30	-234.00	-2.00	-1.00	9.00	4955.00	125.00	3.50	-55.00	3.08400
423052	-2.00	13.10	5.10	-221.00	-1.00	-1.00	10.50	4451.00	112.00	3.30	74.00	3.62300
423053	-3.00	13.60	4.70	-261.00	-2.00	-1.00	9.70	5027.00	108.00	-1.90	172.00	3.57400
423054	-4.00	1.80	-1.10	-320.00	-3.00	-1.00	-2.10	-9999.00	19.00	-2.00	-73.00	0.00000
423055	-4.00	2.40	-1.20	-268.00	-3.00	-1.00	-2.10	-9999.00	23.00	-2.60	-95.00	0.10000
423056	-2.00	9.00	5.10	-199.00	-2.00	-1.00	17.70	4098.00	74.00	-1.30	84.00	3.74500
423057	-4.00	4.90	2.10	-292.00	-3.00	-1.00	4.50	1694.00	51.00	-2.30	-84.00	3.64300
423058	-3.00	1.20	-1.10	-241.00	-3.00	-1.00	-2.00	-9999.00	-6.00	-2.50	-78.00	0.00000
423059	-3.00	11.90	3.40	-294.00	-2.00	-1.00	9.20	3361.00	105.00	-2.50	-67.00	2.63700
423060	-2.00	11.10	5.50	-271.00	-2.00	-1.00	11.00	4054.00	104.00	4.20	78.00	3.27000
423061	-3.00	10.80	4.40	-327.00	-2.00	-1.00	12.50	3030.00	111.00	4.30	-73.00	3.27600
423062	-3.00	11.40	6.80	-313.00	-2.00	-1.00	16.90	4179.00	59.00	3.10	-65.00	3.54600
423063	-4.00	21.60	-1.30	-354.00	-3.00	-1.00	17.00	4339.00	193.00	-2.60	-91.00	2.76200
423064	-3.00	14.90	7.30	-294.00	-3.00	-1.00	17.90	5186.00	171.00	-2.30	154.00	2.79300
423065	-3.00	17.40	7.10	-291.00	-2.00	-1.00	14.00	4872.00	166.00	3.70	147.00	2.37700

BETTLES LAKE SEDIMENT

PC. ONE - SAMPLE SET 2 2

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	TUNGSTEN PPM
423066	66.1989	151.6272	7.	15.0	-9999.	5.82	-5.00	-5.00	-5.00	49.00	-20.00	53.00	9.00	-10.00	-15.00	-15.00
423067	66.1944	151.5292	7.	16.0	-9999.	6.25	-5.00	-5.00	-5.00	53.00	-20.00	78.00	16.00	-10.00	-15.00	-15.00
423068	66.1964	151.4317	7.	32.0	-9999.	7.99	-5.00	-5.00	-5.00	100.00	-20.00	93.00	8.00	-10.00	-15.00	-15.00
423069	66.1447	151.3628	7.	4.0	-9999.	3.13	-5.00	-5.00	-5.00	60.00	-20.00	44.00	-5.00	-10.00	-15.00	-15.00
423075	66.1969	150.8436	6.	60.0	-9999.	3.18	-5.00	-5.00	-5.00	40.00	-20.00	47.00	-5.00	-10.00	-15.00	-15.00
423080	66.1769	151.3722	7.	29.0	-9999.	36.95	-5.00	6.00	-5.00	56.00	-20.00	66.00	11.00	-10.00	229.00	229.00
423081	66.1339	151.4919	7.	181.0	-9999.	7.92	-5.00	-5.00	-5.00	69.00	-20.00	121.00	20.00	-10.00	-15.00	-15.00
423083	66.1606	151.6136	7.	28.0	-9999.	3.75	-5.00	8.00	-5.00	45.00	-20.00	68.00	12.00	-10.00	-15.00	-15.00
423084	66.1578	151.6394	7.	20.0	-9999.	2.71	-5.00	-5.00	-5.00	66.00	-20.00	71.00	-5.00	-10.00	-15.00	-15.00
423085	66.1494	151.6505	7.	41.0	-9999.	6.31	-5.00	-5.00	-5.00	39.00	-20.00	73.00	6.00	-10.00	-15.00	-15.00
423086	66.1436	151.7222	7.	35.0	-9999.	6.46	-5.00	5.00	-5.00	39.00	-20.00	73.00	9.00	-10.00	-15.00	-15.00
423087	66.1475	151.7511	7.	41.0	-9999.	4.07	-5.00	5.00	-5.00	37.00	-20.00	55.00	10.00	-10.00	-15.00	-15.00
423088	66.1383	151.6328	8.	49.0	-9999.	4.93	-5.00	-5.00	-5.00	41.00	-20.00	51.00	10.00	-10.00	-15.00	-15.00
423089	66.1403	151.9097	8.	14.0	-9999.	4.62	-5.00	-5.00	-5.00	34.00	-20.00	42.00	6.00	-10.00	-15.00	-15.00
423091	66.1386	152.1161	5.	2.0	-9999.	4.32	-5.00	7.00	-5.00	44.00	-20.00	37.00	13.00	-10.00	-15.00	-15.00
423092	66.3164	152.0642	7.	43.0	-9999.	2.79	-5.00	-3.00	-5.00	47.00	-20.00	30.00	-5.00	-10.00	-15.00	-15.00
423093	66.3125	152.1440	7.	35.0	-9999.	3.04	-5.00	-5.00	-5.00	44.00	-20.00	48.00	8.00	-10.00	-15.00	-15.00
423094	66.1544	152.1475	7.	172.0	-9999.	8.86	-5.00	-5.00	-5.00	26.00	-20.00	20.00	-5.00	-10.00	-15.00	-15.00
423095	66.1247	152.2100	7.	43.0	-9999.	3.09	-5.00	-5.00	-5.00	23.00	-20.00	30.00	8.00	-10.00	-15.00	-15.00
423096	66.1539	152.3433	7.	31.0	-9999.	3.40	-5.00	-5.00	-5.00	38.00	-20.00	43.00	8.00	-10.00	-15.00	-15.00
423097	66.1451	152.3946	7.	25.0	-9999.	3.71	-5.00	-5.00	-5.00	31.00	-20.00	41.00	11.00	-10.00	-15.00	-15.00
423098	66.1506	152.4431	7.	45.0	-9999.	3.27	-5.00	-5.00	-5.00	35.00	-20.00	39.00	14.00	-10.00	-15.00	-15.00
423099	66.1206	152.4656	7.	20.0	-9999.	2.99	-5.00	-5.00	-5.00	36.00	-20.00	43.00	13.00	-10.00	-15.00	-15.00
423100	66.1239	152.5600	8.	232.0	-9999.	3.09	-5.00	-5.00	-5.00	42.00	-20.00	35.00	10.00	-10.00	-15.00	-15.00
423101	66.1222	152.6256	8.	253.0	-9999.	3.64	-5.00	-5.00	-5.00	34.00	-20.00	36.00	7.00	-10.00	-15.00	-15.00
423102	66.1364	152.6789	7.	53.0	-9999.	3.07	-5.00	-5.00	-5.00	24.00	-20.00	43.00	6.00	-10.00	-15.00	-15.00
423103	66.1347	152.7686	8.	375.0	-9999.	3.71	-5.00	-5.00	-5.00	43.00	-20.00	32.00	12.00	-10.00	-15.00	-15.00
423104	66.1233	152.8969	7.	106.0	-9999.	2.93	-5.00	-5.00	-5.00	39.00	-20.00	40.00	7.00	-10.00	-15.00	-15.00
423105	66.1447	152.9897	7.	9.0	-9999.	2.65	-5.00	-5.00	-5.00	17.00	-20.00	49.00	-5.00	-10.00	-15.00	-15.00
423107	66.1003	152.9081	7.	138.0	-9999.	3.28	-5.00	-5.00	-5.00	70.00	-20.00	62.00	11.00	-10.00	-15.00	-15.00
423108	66.0967	152.7714	7.	42.0	-9999.	3.25	-5.00	6.00	-5.00	27.00	-20.00	40.00	9.00	-10.00	-15.00	-15.00
423109	66.1081	152.5367	7.	30.0	-9999.	2.94	-5.00	-5.00	-5.00	27.00	-20.00	26.00	10.00	-10.00	-15.00	-15.00
423110	66.1156	152.5925	6.	27.0	-9999.	2.86	-5.00	-5.00	-5.00	29.00	-20.00	44.00	6.00	-10.00	-15.00	-15.00
423111	66.1175	152.5228	7.	26.0	-9999.	3.03	-5.00	-5.00	-5.00	53.00	-20.00	50.00	10.00	-10.00	-15.00	-15.00
423112	66.1191	152.4472	7.	17.0	-9999.	5.85	-5.00	-5.00	-5.00	25.00	-20.00	49.00	7.00	-10.00	-15.00	-15.00
423113	66.1131	152.3606	7.	87.0	-9999.	3.01	-5.00	-5.00	-5.00	24.00	-20.00	31.00	5.00	-10.00	-15.00	-15.00
423114	66.1051	152.2764	7.	76.0	-9999.	3.15	-5.00	-5.00	-5.00	24.00	-20.00	35.00	7.00	-10.00	-15.00	-15.00
423115	66.1128	152.2342	7.	52.0	-9999.	1.87	-5.00	-5.00	-5.00	40.00	-20.00	32.00	-5.00	-10.00	-15.00	-15.00
423116	66.0978	152.1375	7.	41.0	-9999.	3.70	-5.00	-5.00	-5.00	21.00	-20.00	42.00	-5.00	-10.00	-15.00	-15.00
423117	66.0881	152.0456	5.	3.0	-9999.	1.15	-5.00	-5.00	-5.00	1.00	-20.00	15.00	-5.00	-10.00	-15.00	-15.00
423118	66.1094	152.0158	7.	25.0	-9999.	7.91	-5.00	5.00	-5.00	24.00	-20.00	74.00	17.00	-10.00	22.00	22.00
423119	66.1133	151.9281	5.	1.0	-9999.	2.77	-5.00	-5.00	-5.00	37.00	-20.00	28.00	-5.00	-10.00	-15.00	-15.00
423120	66.1136	151.8581	7.	7.0	-9999.	4.56	-5.00	-5.00	-5.00	61.00	-20.00	67.00	16.00	-10.00	-15.00	-15.00
423121	66.0861	151.7811	7.	31.0	-9999.	3.12	-5.00	-5.00	-5.00	51.00	-20.00	107.00	8.00	-10.00	-15.00	-15.00
423125	66.0792	151.4464	7.	2.0	-9999.	3.07	-5.00	-5.00	-5.00	75.00	-20.00	40.00	11.00	-10.00	-15.00	-15.00
423127	66.1231	151.1914	7.	8.0	-9999.	14.44	-5.00	9.00	-5.00	16.00	-20.00	15.00	8.00	-10.00	-15.00	-15.00
423129	66.1019	151.1772	7.	5.0	-9999.	30.77	-5.00	10.00	-5.00	10.00	-20.00	15.00	6.00	-10.00	-15.00	-15.00
423129	66.1017	150.2492	7.	217.0	-9999.	4.74	-5.00	-5.00	-5.00	31.00	-20.00	29.00	-5.00	-10.00	-15.00	-15.00
423130	66.0806	150.4758	7.	185.0	-9999.	2.75	-5.00	-5.00	-5.00	50.00	-20.00	17.00	12.00	-10.00	-15.00	-15.00
423131	66.0914	150.5158	7.	96.0	-9999.	2.94	-5.00	-5.00	-5.00	34.00	-20.00	34.00	7.00	-10.00	-15.00	-15.00

RETTLES LAKE SEDIMENT

PG. TWO - SAMPLE SET 2

SAMPLE NO.	AS PPM	SF PPM	TR PPM	MR PPM	PF PPM	LI PPM	AL PPM	AU PPM	RA PPM	CA PPM	CF PPM	CL PPM	CP PPM
423066	25.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	62740.00	-17	1172.00	7473.00	109.00	-115.00	22.00
423067	10.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	76500.00	-13	990.00	7670.00	94.00	-99.00	37.70
423068	16.00	-5.00	117.00	-9999.00	-9999.00	-9999.00	85150.00	-16	878.00	5117.00	33.00	-60.00	29.60
423069	9.00	-5.00	33.00	-9999.00	-9999.00	-9999.00	13570.00	-15	437.00	15120.00	32.00	-100.00	-2.90
423071	47.00	-5.00	148.00	-9999.00	-9999.00	-9999.00	64430.00	-12	752.00	10640.00	75.00	-99.00	30.40
423080	26.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	48240.00	-14	971.00	9866.00	135.00	-131.00	34.30
423091	31.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	73840.00	-14	743.00	8719.00	74.00	-107.00	21.90
423093	26.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	78040.00	-13	960.00	7230.00	107.00	-103.00	34.70
423094	25.00	-5.00	76.00	-9999.00	-9999.00	-9999.00	39570.00	-15	462.00	9539.00	40.00	-127.00	22.90
423095	8.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	45130.00	-12	636.00	12200.00	70.00	-117.00	12.50
423096	16.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	20760.00	-15	799.00	10520.00	81.00	-117.00	12.90
423097	11.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	66010.00	-14	829.00	920.00	63.00	-112.00	23.20
423098	15.00	-5.00	122.00	-9999.00	-9999.00	-9999.00	58970.00	-12	904.00	10660.00	85.00	-109.00	21.70
423099	16.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	50570.00	-11	739.00	8808.00	78.00	-135.00	17.30
423091	9.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	51830.00	-12	920.00	10520.00	91.00	-101.00	8.30
423092	8.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	47040.00	-12	677.00	10060.00	65.00	-103.00	19.50
423093	18.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	65480.00	-12	1011.00	10300.00	90.00	-105.00	27.70
423094	31.00	-5.00	82.00	-9999.00	-9999.00	-9999.00	29850.00	-13	592.00	17720.00	41.00	-124.00	9.20
423095	10.00	-5.00	191.00	-9999.00	-9999.00	-9999.00	51620.00	-11	863.00	13770.00	76.00	-101.00	8.60
423096	9.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	74000.00	-11	1055.00	8341.00	64.00	-95.00	17.50
423097	11.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	68470.00	-12	941.00	8048.00	72.00	-119.00	15.70
423098	11.00	-5.00	217.00	-9999.00	-9999.00	-9999.00	62370.00	-09	968.00	18520.00	79.00	-101.00	15.90
423099	6.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	62560.00	-10	1079.00	11020.00	79.00	-95.00	18.20
423100	13.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	54110.00	-10	925.00	12480.00	70.00	-96.00	17.20
423101	10.00	-5.00	134.00	-9999.00	-9999.00	-9999.00	61070.00	-09	1003.00	11990.00	66.00	-94.00	16.00
423102	12.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	65580.00	-09	964.00	11640.00	74.00	-107.00	16.60
423103	28.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	67380.00	-12	1026.00	14660.00	102.00	-107.00	18.40
423104	5.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	62210.00	-13	688.00	12040.00	57.00	-103.00	14.00
423105	6.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	57380.00	-10	656.00	8915.00	69.00	-94.00	13.40
423107	14.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	74720.00	-12	1059.00	9166.00	70.00	-91.00	21.70
423108	19.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	65430.00	-09	764.00	20800.00	92.00	-92.00	15.10
423109	7.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	59500.00	-10	977.00	8633.00	75.00	-95.00	8.40
423110	12.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	67910.00	-11	1043.00	11000.00	72.00	-116.00	19.30
423111	62.00	-5.00	83.00	-9999.00	-9999.00	-9999.00	60160.00	-13	1099.00	17410.00	70.00	-112.00	30.80
423112	20.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	51250.00	-11	479.00	19670.00	56.00	-107.00	17.00
423113	13.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	68580.00	-09	1110.00	12490.00	61.00	-94.00	14.90
423114	9.00	-5.00	178.00	-9999.00	-9999.00	-9999.00	60650.00	-09	991.00	11120.00	74.00	-105.00	12.50
423115	9.00	-5.00	55.00	-9999.00	-9999.00	-9999.00	30820.00	-16	415.00	12720.00	31.00	-117.00	8.40
423116	16.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	59470.00	-11	932.00	12530.00	82.00	-104.00	18.60
423117	6.00	-5.00	53.00	-9999.00	-9999.00	-9999.00	20050.00	-16	-176.00	-1472.00	26.00	-110.00	-2.40
423118	5.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	73000.00	-13	949.00	5641.00	116.00	-134.00	20.10
423119	8.00	-5.00	43.00	-9999.00	-9999.00	-9999.00	22030.00	-12	424.00	-1424.00	37.00	-117.00	8.90
423120	22.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	63900.00	-10	730.00	1260.00	74.00	-96.00	31.10
423121	19.00	-5.00	94.00	-9999.00	-9999.00	-9999.00	58790.00	-14	1201.00	9794.00	79.00	-97.00	21.70
423124	10.00	-5.00	72.00	-9999.00	-9999.00	-9999.00	52240.00	-19	743.00	-1121.00	53.00	-103.00	21.10
423127	0.00	-5.00	161.00	-9999.00	-9999.00	-9999.00	35770.00	-07	771.00	11090.00	100.00	-101.00	10.30
423128	12.00	-5.00	105.00	-9999.00	-9999.00	-9999.00	44210.00	-12	306.00	1173.00	113.00	-127.00	9.20
423129	30.00	-5.00	138.00	-9999.00	-9999.00	-9999.00	58070.00	-10	1043.00	13220.00	91.00	-91.00	17.20
423130	18.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	59480.00	-09	1234.00	27130.00	65.00	-111.00	16.10
423131	13.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	63680.00	-08	667.00	12510.00	59.00	-94.00	15.90

ROTTLES LAKE SEDIMENT

PG. THREE - SAMPLE SET

2

SAMPLE NO.	CR PPM	CS PPM	NY PPM	FU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MG PPM	MN PPM	NA PPM	NB PPM
423066	124.00	7.20	5.00	1.30	35500.00	4.70	11810.00	33.00	.60	7935.00	486.00	7671.00	-57.00
423067	111.00	9.20	5.00	1.30	44360.00	3.80	550.00	49.00	.30	10640.00	547.00	9231.00	-47.00
423068	313.00	16.10	5.00	1.30	25610.00	4.70	7.00	32.00	.30	6349.00	260.00	2445.00	-52.00
423069	-19.00	-3.10	3.00	-.50	-1898.00	-2.00	5.00	-16.00	-.20	-1979.00	138.00	1.24.00	-61.00
423075	104.00	-2.40	5.00	1.30	50000.00	5.00	5.00	35.00	.40	9832.00	613.00	10140.00	-46.00
423080	138.00	22.50	13.00	1.60	43140.00	5.20	1150.00	81.00	1.10	8541.00	1190.00	8394.00	-56.00
423081	204.00	38.90	6.00	1.00	24320.00	3.30	9284.00	30.00	.70	13807.00	275.00	3274.00	-60.00
423083	119.00	5.60	5.00	1.40	44710.00	4.70	15210.00	35.00	.40	11320.00	641.00	10070.00	-49.00
423084	93.00	-2.90	-1.00	-.40	34810.00	-1.90	-4785.00	-12.00	.30	7101.00	515.00	4894.00	-37.00
423085	317.00	3.80	5.00	1.10	27650.00	4.40	5691.00	35.00	.30	6945.00	250.00	4597.00	-49.00
423086	173.00	-2.70	6.00	1.40	24220.00	5.90	9771.00	41.00	.40	7296.00	270.00	9958.00	-49.00
423087	91.00	5.10	5.00	1.30	35120.00	2.90	11870.00	35.00	.40	8747.00	454.00	9595.00	-48.00
423088	125.00	5.20	7.00	1.40	34240.00	4.90	13210.00	38.00	.30	7339.00	444.00	935.00	110.00
423089	119.00	4.20	5.00	1.20	24740.00	6.20	14100.00	42.00	.50	7832.00	300.00	9753.00	-43.00
423091	125.00	4.20	5.00	1.10	23510.00	7.40	12700.00	34.00	.40	6849.00	286.00	9284.00	-40.00
423092	74.00	-2.40	3.00	1.10	34520.00	-1.50	-3701.00	-9.00	-.10	6049.00	427.00	7382.00	-50.00
423093	106.00	4.30	6.00	1.20	48220.00	4.40	12800.00	31.00	.20	8404.00	775.00	8484.00	-48.00
423094	60.00	-2.50	4.00	-.10	51760.00	3.60	-4479.00	15.00	-.10	4598.00	566.00	5404.00	-50.00
423095	82.00	-2.10	6.00	1.20	25370.00	6.30	13930.00	29.00	.40	8400.00	369.00	11130.00	78.00
423096	105.00	5.10	6.00	1.20	41330.00	5.20	12750.00	33.00	.40	10700.00	373.00	10920.00	-39.00
423097	117.00	4.30	6.00	1.30	32290.00	5.10	13990.00	27.00	.40	10370.00	364.00	10740.00	76.00
423098	129.00	3.40	6.00	1.40	34070.00	7.70	12650.00	41.00	.50	10390.00	495.00	12170.00	-35.00
423099	114.00	4.70	5.00	1.10	31280.00	5.70	12230.00	34.00	.40	10340.00	388.00	11540.00	-35.00
423100	89.00	3.10	4.00	1.30	31700.00	4.00	13030.00	36.00	.30	9954.00	504.00	11640.00	95.00
423101	101.00	3.30	5.00	1.40	34910.00	6.10	9683.00	34.00	.30	10060.00	322.00	11340.00	-36.00
423102	116.00	4.00	5.00	1.30	41490.00	6.80	14470.00	34.00	.40	9839.00	571.00	11130.00	-37.00
423103	107.00	5.10	6.00	1.20	34590.00	4.60	13690.00	40.00	.40	9091.00	771.00	9713.00	-45.00
423104	104.00	5.60	5.00	1.40	29830.00	3.50	9940.00	29.00	-.20	7633.00	302.00	9271.00	-48.00
423105	109.00	2.50	6.00	1.40	31250.00	6.60	10280.00	30.00	.40	8048.00	333.00	11490.00	-36.00
423107	194.00	5.70	7.00	1.70	48150.00	5.80	15270.00	36.00	.50	11879.00	395.00	10580.00	77.00
423108	116.00	4.60	5.00	1.30	39070.00	6.90	16090.00	40.00	.40	9589.00	577.00	12250.00	-38.00
423109	74.00	4.30	5.00	1.20	24950.00	5.10	12770.00	27.00	.30	7684.00	242.00	10774.00	-36.00
423110	125.00	4.00	5.00	1.40	37670.00	6.30	14100.00	41.00	.40	11450.00	381.00	10540.00	-42.00
423111	96.00	4.20	5.00	1.20	73840.00	2.80	14450.00	31.00	.50	9549.00	1767.00	6621.00	-50.00
423112	79.00	-2.20	4.00	1.10	34730.00	4.40	7041.00	30.00	.30	5569.00	531.00	9325.00	-41.00
423113	91.00	4.20	5.00	1.30	36710.00	5.10	13690.00	35.00	.30	9631.00	400.00	11630.00	-34.00
423114	98.00	3.80	6.00	1.50	32040.00	7.20	13700.00	33.00	.30	8748.00	427.00	12240.00	50.00
423115	46.00	-3.10	2.00	-.50	14570.00	3.00	-4464.00	-11.00	-.20	4719.00	482.00	4163.00	-57.00
423116	85.00	3.80	4.00	1.30	54870.00	4.70	7553.00	33.00	.30	5235.00	434.00	10280.00	-41.00
423117	-20.00	-3.00	-1.00	-.40	-1753.00	-2.20	-3126.00	-14.00	-.20	-1965.00	144.00	3218.00	-58.00
423118	128.00	8.20	6.00	1.20	37040.00	5.30	12550.00	43.00	.20	12620.00	445.00	10570.00	-47.00
423119	44.00	-2.50	2.00	-.50	4605.00	-1.20	-3405.00	-13.00	-.20	-1972.00	179.00	2009.00	-53.00
423120	105.00	4.80	4.00	1.40	33660.00	4.30	15370.00	36.00	.40	8888.00	354.00	8902.00	97.00
423121	128.00	6.80	6.00	1.40	35010.00	4.90	10430.00	22.00	.40	9402.00	374.00	7088.00	-51.00
423125	64.00	-2.80	5.00	1.30	24410.00	-2.40	-4094.00	-10.00	.40	8124.00	344.00	3262.00	-66.00
423127	61.00	4.40	6.00	1.30	17680.00	5.60	12710.00	44.00	.60	4276.00	239.00	17440.00	65.00
423128	34.00	6.50	10.00	1.20	14270.00	5.00	11340.00	50.00	.70	-2379.00	221.00	8954.00	-53.00
423129	90.00	3.20	5.00	1.20	44170.00	6.10	9448.00	29.00	.40	6597.00	448.00	5745.00	-39.00
423130	70.00	3.40	5.00	1.10	42350.00	4.40	11690.00	32.00	.30	10270.00	781.00	9983.00	-36.00
423131	94.00	4.20	5.00	1.40	39460.00	6.20	12390.00	36.00	.30	10540.00	542.00	11020.00	-32.00

RETTLES LAKE SEDIMENT

PG. FOUR - SAMPLE CFT 2

SAMPLE NO.	SA PPM	SC PPM	SM PPM	SP PPM	TA PPM	TR PPM	TH PPM	TI PPM	V PPM	TH PPM	TH PPM	TH/W RATIO
423066	-4.00	15.00	6.00	-363.00	-3.00	-1.00	15.00	4751.00	156.00	-2.60	-178.00	2.57700
423067	-4.00	19.00	5.60	-291.00	-2.00	-1.00	15.70	4213.00	160.00	3.60	-83.00	2.39000
423068	-4.00	30.30	6.20	-216.00	-3.00	-1.00	10.10	6791.00	231.00	3.90	301.00	3.37500
423069	-4.00	6.00	4.10	-274.00	-4.00	-1.00	3.70	-9999.00	-8.00	-2.90	-113.00	1.18200
423075	-3.00	18.50	4.40	-277.00	-2.00	-1.00	8.20	4515.00	146.00	-2.60	-62.00	2.72700
423090	-4.00	17.40	13.50	-430.00	-3.00	-1.00	40.00	4037.00	127.00	9.70	165.00	1.09000
423091	-5.00	20.30	6.00	-293.00	-3.00	-1.00	15.60	3941.00	147.00	5.20	-73.00	1.94900
423093	-4.00	19.20	5.70	-259.00	-3.00	-1.00	13.60	4192.00	184.00	4.00	-67.00	3.22300
423094	-4.00	9.00	-1.20	-373.00	-4.00	-1.00	7.80	2227.00	84.00	-2.80	-170.00	2.43200
423095	-3.00	12.20	4.30	-251.00	-2.00	-1.00	9.20	3846.00	119.00	3.90	97.00	1.45500
423096	-4.00	11.70	6.10	-300.00	-2.00	-1.00	14.40	3060.00	95.00	3.80	-64.00	2.22700
423097	-4.00	14.40	5.00	-298.00	-2.00	-1.00	13.30	3761.00	127.00	-2.20	-84.00	3.32200
423098	-3.00	14.10	5.90	-279.00	-3.00	-1.00	17.70	4219.00	125.00	2.00	-137.00	4.08200
423099	-3.00	11.40	6.00	-254.00	-2.00	-1.00	14.40	4234.00	187.00	4.00	-12.00	3.31500
423091	-3.00	12.00	7.60	-260.00	-2.00	-1.00	14.00	3584.00	115.00	5.40	-31.00	3.44500
423092	-3.00	10.00	3.20	-295.00	-3.00	-1.00	7.60	2674.00	92.00	-2.30	104.00	2.78400
423093	-3.00	16.00	6.10	-314.00	-2.00	-1.00	12.70	5295.00	141.00	4.90	136.00	3.02800
423094	-4.00	4.80	3.00	-362.00	-2.00	-1.00	8.60	2730.00	55.00	-2.50	-92.00	1.74500
423095	-3.00	10.50	5.60	-271.00	-1.00	-1.00	11.10	4615.00	100.00	3.70	111.00	3.55700
423096	-3.00	15.20	6.20	-224.00	-2.00	-1.00	11.10	5110.00	156.00	5.20	134.00	3.72800
423097	-3.00	15.20	4.60	-277.00	-2.00	-1.00	11.80	4995.00	136.00	3.70	163.00	3.67600
423098	-3.00	13.00	6.70	-241.00	-1.00	-1.00	12.70	4907.00	155.00	3.70	154.00	3.55100
423099	-3.00	14.50	5.50	-255.00	-1.00	-1.00	11.00	4771.00	146.00	4.10	145.00	3.73100
423100	-3.00	15.50	4.20	-252.00	-2.00	-1.00	10.40	4443.00	132.00	2.70	-48.00	3.31700
423101	-3.00	15.30	5.70	-209.00	-1.00	-1.00	11.20	4764.00	132.00	3.60	147.00	3.82700
423102	-3.00	14.30	6.30	-263.00	-1.00	-1.00	11.80	4367.00	130.00	3.70	-146.00	3.84500
423103	-3.00	15.80	7.00	-331.00	-2.00	-1.00	12.60	4427.00	149.00	4.20	-137.00	3.62200
423104	-4.00	17.50	4.60	-259.00	-3.00	-1.00	10.50	4174.00	142.00	-2.40	-13.00	3.58400
423105	-3.00	14.70	-0.80	-225.00	-2.00	-1.00	10.70	4462.00	124.00	-1.70	-74.00	4.03200
423107	-3.00	21.00	6.90	-250.00	-2.00	-1.00	11.10	5565.00	263.00	4.60	-34.00	3.39000
423108	-2.00	15.00	4.70	-243.00	-1.00	-1.00	12.00	3971.00	126.00	3.70	-47.00	3.69000
423109	-3.00	13.30	5.50	-207.00	-1.00	-1.00	8.00	5346.00	125.00	-1.80	59.00	3.03000
423110	-3.00	16.40	5.60	-257.00	-2.00	-1.00	10.80	5045.00	145.00	-2.40	147.00	3.77400
423111	-3.00	14.10	6.90	-496.00	-2.00	-1.00	11.20	3545.00	142.00	-2.60	144.00	3.69000
423112	-3.00	11.40	4.40	-295.00	-2.00	-1.00	8.80	3212.00	101.00	-2.00	-62.00	1.50400
423113	-3.00	15.70	5.40	-219.00	-2.00	-1.00	11.60	4890.00	148.00	6.30	124.00	3.86100
423114	-2.00	13.10	5.80	-238.00	-1.00	-1.00	10.40	4563.00	125.00	4.90	-105.00	3.30000
423115	-4.00	7.70	2.80	-477.00	-4.00	-1.00	5.80	2735.00	64.00	-2.90	-45.00	2.99400
423116	-3.00	13.80	3.70	-286.00	-2.00	-1.00	9.40	3752.00	119.00	3.90	-54.00	2.94100
423117	-4.00	3.80	-1.10	-272.00	-4.00	-1.00	-2.40	1727.00	36.00	-2.90	-54.00	0.60000
423118	-3.00	16.20	6.70	-303.00	-2.00	-1.00	22.70	4403.00	146.00	6.30	72.00	2.99400
423119	-3.00	4.90	-1.00	-318.00	-4.00	-1.00	-2.10	-9999.00	41.00	-2.30	45.00	0.60000
423120	-3.00	13.40	5.80	-227.00	-2.00	-1.00	14.30	3423.00	154.00	3.70	152.00	3.13500
423121	-4.00	14.50	7.30	-254.00	-2.00	-1.00	17.80	3739.00	127.00	3.60	-115.00	3.62300
423125	-5.00	13.30	4.20	-318.00	-3.00	-1.00	10.30	3051.00	113.00	-3.30	-90.00	3.35500
423127	-2.00	8.30	4.20	-233.00	-1.00	-1.00	25.20	3510.00	74.00	6.10	-47.00	1.74500
423128	-3.00	7.10	12.00	-303.00	-3.00	-1.00	45.40	2243.00	65.00	10.70	-91.00	1.47500
423129	-3.00	13.10	6.00	-271.00	-2.00	-1.00	9.20	4756.00	127.00	3.60	-55.00	1.93400
423130	-3.00	14.40	4.10	-294.00	-1.00	-1.00	7.50	4224.00	130.00	2.60	-22.00	2.72500
423131	-2.00	14.70	5.80	-273.00	-1.00	-1.00	7.40	4403.00	138.00	3.70	91.00	3.10500

BOTTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET 3

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
423132	66.2783	150.5492	7.	29.0	-9999.	2.62	-5.00	-5.00	-5.00	25.00	-20.00	27.00	7.00	-10.00	-15.00
423147	66.2783	150.3261	6.	3.0	-9999.	2.65	-5.00	-5.00	-5.00	30.00	-20.00	47.00	10.00	-10.00	-15.00
423149	66.2992	150.5192	7.	1.0	-9999.	3.08	-5.00	-5.00	-5.00	21.00	-20.00	18.00	11.00	10.00	-15.00
423156	66.2889	151.0647	7.	5.0	-9999.	3.02	-5.00	-5.00	-5.00	30.00	-20.00	36.00	9.00	-10.00	-15.00
423157	66.2619	151.0994	6.	7.0	-9999.	.79	-5.00	-5.00	-5.00	21.00	-20.00	177.00	5.00	-10.00	-15.00
423158	66.2672	151.1706	7.	63.0	-9999.	2.36	-5.00	-5.00	-5.00	21.00	-20.00	19.00	9.00	-10.00	-15.00
423159	66.2558	151.1983	7.	24.0	-9999.	3.89	-5.00	-5.00	-5.00	53.00	-20.00	87.00	19.00	-10.00	-15.00
423161	66.2853	151.4375	7.	33.0	-9999.	4.96	-5.00	-5.00	-5.00	32.00	-20.00	-15.00	6.00	-10.00	-15.00
423162	66.2514	151.4753	7.	69.0	-9999.	5.58	-5.00	7.00	-5.00	23.00	-20.00	52.00	5.00	-10.00	-15.00
423163	66.2883	151.5547	6.	6.0	-9999.	.58	-5.00	-5.00	-5.00	31.00	-20.00	16.00	-5.00	-10.00	-15.00
423164	66.2608	151.5981	7.	12.0	-9999.	3.77	-5.00	-5.00	-5.00	81.00	-20.00	30.00	-5.00	-10.00	-15.00
423166	66.2917	151.7611	7.	73.0	-9999.	3.98	-5.00	-5.00	-5.00	25.00	-20.00	-15.00	-5.00	-10.00	-15.00
423168	66.2861	151.9069	7.	51.0	-9999.	3.20	-5.00	-5.00	-5.00	14.00	-20.00	23.00	6.00	-10.00	-15.00
423169	66.2786	151.9836	7.	13.0	-9999.	3.52	-5.00	-5.00	-5.00	27.00	-20.00	30.00	13.00	-10.00	-15.00
423170	66.2839	152.0283	7.	49.0	-9999.	3.28	-5.00	-5.00	-5.00	42.00	-20.00	39.00	9.00	-10.00	-15.00
423171	66.3400	152.0836	7.	20.0	-9999.	2.57	-5.00	-5.00	-5.00	28.00	-20.00	23.00	-5.00	-10.00	-15.00
423172	66.3650	152.0931	7.	42.0	-9999.	3.05	-5.00	-5.00	-5.00	34.00	-20.00	33.00	17.00	-10.00	-15.00
423173	66.3933	152.0949	7.	26.0	-9999.	2.11	-5.00	-5.00	-5.00	36.00	-20.00	24.00	5.00	-10.00	-15.00
423174	66.4247	152.0583	7.	15.0	-9999.	3.44	-5.00	-5.00	-5.00	56.00	-20.00	45.00	12.00	-10.00	-15.00
423175	66.4459	152.1114	7.	41.0	-9999.	2.96	-5.00	-5.00	-5.00	13.00	-20.00	33.00	7.00	-10.00	-15.00
423176	66.4417	152.1481	7.	14.0	-9999.	2.91	-5.00	-5.00	-5.00	25.00	-20.00	29.00	17.00	-10.00	-15.00
423177	66.4142	152.2194	7.	59.0	-9999.	2.80	-5.00	-5.00	-5.00	25.00	-20.00	29.00	6.00	-10.00	-15.00
423178	66.3461	152.1475	7.	41.0	-9999.	2.99	-5.00	-5.00	-5.00	34.00	-20.00	29.00	10.00	-10.00	-15.00
423183	66.2869	152.0939	7.	66.0	-9999.	2.33	-5.00	-5.00	-5.00	13.00	-20.00	22.00	-5.00	-10.00	-15.00
423184	66.3017	152.0936	5.	8.0	-9999.	2.70	-5.00	-5.00	-5.00	32.00	-20.00	17.00	6.00	-10.00	-15.00
423185	66.3144	152.0078	5.	1.0	-9999.	.33	-5.00	-5.00	-5.00	25.00	-20.00	-15.00	-5.00	-10.00	-15.00
423196	66.3250	152.0559	5.	7.0	-9999.	.22	-5.00	-5.00	-5.00	21.00	-20.00	-15.00	-5.00	-10.00	-15.00
423198	66.3172	152.0811	6.	35.0	-9999.	4.03	-5.00	-5.00	-5.00	14.00	-20.00	49.00	13.00	-10.00	-15.00
423199	66.3004	152.6184	7.	71.0	-9999.	4.31	-5.00	-5.00	-5.00	43.00	-20.00	54.00	8.00	-10.00	-15.00
423192	66.2953	152.4972	7.	41.0	-9999.	3.91	-5.00	-5.00	-5.00	43.00	-20.00	55.00	5.00	-10.00	-15.00
423193	66.2958	152.3883	7.	51.0	-9999.	4.37	-5.00	5.00	-5.00	26.00	-20.00	22.00	14.00	-10.00	-15.00
423194	66.3308	152.3472	7.	95.0	-9999.	3.05	-5.00	-5.00	-5.00	47.00	-20.00	42.00	11.00	-10.00	-15.00
423195	66.3314	152.2947	7.	93.0	-9999.	3.03	-5.00	-5.00	-5.00	29.00	-20.00	32.00	6.00	-10.00	-15.00
423196	66.2969	152.2781	7.	25.0	-9999.	3.17	-5.00	-5.00	-5.00	25.00	-20.00	43.00	-5.00	-10.00	-15.00
423197	66.3944	152.2786	7.	48.0	-9999.	3.70	-5.00	-5.00	-5.00	31.00	-20.00	36.00	5.00	-10.00	-15.00
423198	66.4091	152.3439	7.	15.0	-9999.	1.40	-5.00	-5.00	-5.00	22.00	-20.00	29.00	-5.00	-10.00	-15.00
423199	66.4064	152.4192	6.	13.0	-9999.	3.10	-5.00	-5.00	-5.00	45.00	-20.00	38.00	11.00	-10.00	-15.00
423200	66.3958	152.4631	5.	7.0	-9999.	2.03	-5.00	-5.00	-5.00	24.00	-20.00	-15.00	6.00	-10.00	-15.00
423201	66.3722	152.5125	6.	65.0	-9999.	1.90	-5.00	7.00	-5.00	27.00	-20.00	25.00	5.00	-10.00	-15.00
423202	66.4203	152.5250	7.	79.0	-9999.	2.97	-5.00	-5.00	-5.00	35.00	-20.00	29.00	8.00	-10.00	-15.00
423203	66.4072	152.6567	7.	85.0	-9999.	2.75	-5.00	5.00	-5.00	30.00	-20.00	27.00	8.00	-10.00	-15.00
423204	66.4264	152.6783	6.	21.0	-9999.	2.52	-5.00	-5.00	-5.00	32.00	-20.00	73.00	7.00	-10.00	-15.00
423205	66.3949	152.7147	7.	148.0	-9999.	1.09	-5.00	-5.00	-5.00	43.00	-20.00	27.00	8.00	-10.00	-15.00
423206	66.3958	152.8122	7.	129.0	-9999.	2.74	-5.00	5.00	-5.00	38.00	-20.00	25.00	8.00	-10.00	-15.00
423207	66.3944	152.9111	7.	50.0	-9999.	2.48	-5.00	-5.00	-5.00	32.00	-20.00	33.00	9.00	-10.00	-15.00
423208	66.4001	152.9750	6.	42.0	-9999.	3.24	-5.00	7.00	-5.00	52.00	-20.00	55.00	12.00	-10.00	-15.00
423209	66.3772	152.9889	7.	17.0	-9999.	3.14	-5.00	-5.00	-5.00	38.00	-20.00	33.00	8.00	-10.00	-15.00
423211	66.3566	152.7183	6.	8.0	-9999.	1.01	-5.00	-5.00	-5.00	42.00	-20.00	18.00	-5.00	-10.00	-15.00
423212	66.3753	152.7703	7.	58.0	-9999.	3.03	-5.00	7.00	-5.00	40.00	-20.00	27.00	9.00	-10.00	-15.00
423213	66.3589	152.7181	6.	11.0	-9999.	2.04	-5.00	5.00	-5.00	32.00	-20.00	28.00	8.00	-10.00	-15.00

RETTLES LAKE SEDIMENT

PG. TWO - SAMPLE SET

3

SAMPLE NO.	AS PPM	SE PPM	TP PPM	MM PPM	RE PPM	LI PPM	AL PPM	CU PPM	SA PPM	PA PPM	CF PPM	CL PPM	CO PPM
423132	7.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	64340.00	-0.09	824.00	11230.00	64.00	-93.00	16.10
423147	11.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	74470.00	-0.11	1090.00	1112.00	65.00	-105.00	16.10
423149	5.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	60490.00	-0.10	809.00	3776.00	82.00	-84.00	10.00
423156	5.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	55090.00	-0.09	479.00	11210.00	65.00	-97.00	12.30
423157	-5.00	-5.00	31.00	-9999.00	-9999.00	-9999.00	12340.00	-0.12	-206.00	-1608.00	-8.00	-428.00	32.90
423158	-5.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	56310.00	-0.09	714.00	10440.00	73.00	-85.00	8.30
423159	17.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	79390.00	-0.13	1413.00	9543.00	93.00	-123.00	32.40
423161	-5.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	61610.00	-0.10	1278.00	11000.00	64.00	-116.00	10.60
423162	26.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	68500.00	-0.14	1006.00	8493.00	89.00	-112.00	20.70
423163	-5.00	-5.00	20.00	-9999.00	-9999.00	-9999.00	5686.00	-0.16	-193.00	-2970.00	-13.00	327.00	-3.00
423164	35.00	-5.00	57.00	-9999.00	-9999.00	-9999.00	34400.00	-0.11	942.00	13400.00	117.00	-219.00	22.50
423166	12.00	-5.00	49.00	-9999.00	-9999.00	-9999.00	54450.00	-0.12	1005.00	10030.00	56.00	-127.00	19.80
423168	7.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	70500.00	-0.10	436.00	9909.00	79.00	-94.00	11.20
423169	9.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	49150.00	-0.08	979.00	12230.00	82.00	-99.00	14.50
423170	23.00	-5.00	80.00	-9999.00	-9999.00	-9999.00	29560.00	-0.13	916.00	11400.00	46.00	355.00	29.00
423171	15.00	-5.00	65.00	-9999.00	-9999.00	-9999.00	35230.00	-0.13	778.00	8373.00	48.00	340.00	10.50
423172	5.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	70400.00	-0.11	927.00	11450.00	77.00	-98.00	21.30
423173	14.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	43070.00	-0.16	-214.00	11740.00	43.00	271.00	19.50
423174	11.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	72750.00	-0.11	1159.00	7747.00	90.00	-104.00	23.40
423175	19.00	-5.00	148.00	-9999.00	-9999.00	-9999.00	65040.00	-0.10	1029.00	10550.00	75.00	-94.00	14.40
423176	-5.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	71520.00	-0.13	443.00	7341.00	67.00	-100.00	15.10
423177	9.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	65530.00	-0.09	873.00	8253.00	69.00	-88.00	19.50
423178	8.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	43050.00	-0.09	943.00	11510.00	76.00	-107.00	17.40
423179	111.00	-5.00	69.00	-9999.00	-9999.00	-9999.00	39250.00	-0.12	709.00	7177.00	43.00	177.00	24.00
423184	10.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	58400.00	-0.12	694.00	7354.00	70.00	-94.00	8.00
423185	-5.00	-5.00	20.00	-9999.00	-9999.00	-9999.00	3222.00	-0.13	-147.00	-2179.00	-10.00	344.00	-2.00
423186	-5.00	-5.00	21.00	-9999.00	-9999.00	-9999.00	-1159.00	-0.16	-197.00	-2731.00	-12.00	-109.00	9.00
423188	-5.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	64020.00	-0.09	412.00	9004.00	89.00	-99.00	15.00
423189	10.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	73040.00	-0.10	1039.00	9274.00	86.00	-131.00	22.00
423192	16.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	77770.00	-0.12	936.00	9114.00	97.00	-101.00	26.10
423193	9.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	54470.00	-0.08	456.00	10370.00	67.00	-90.00	9.60
423194	17.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	64630.00	-0.11	1068.00	12590.00	73.00	-117.00	22.30
423195	4.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	59190.00	-0.10	785.00	9444.00	86.00	-93.00	11.10
423196	21.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	38640.00	-0.14	762.00	-1175.00	49.00	-117.00	14.90
423197	14.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	66700.00	-0.10	892.00	10440.00	72.00	-99.00	12.70
423198	17.00	-5.00	66.00	-9999.00	-9999.00	-9999.00	38150.00	-0.10	450.00	7719.00	43.00	304.00	19.30
423199	14.00	-5.00	110.00	-9999.00	-9999.00	-9999.00	78790.00	-0.13	1003.00	7534.00	82.00	-101.00	20.50
423200	-5.00	-5.00	93.00	-9999.00	-9999.00	-9999.00	47210.00	-0.14	574.00	-1474.00	62.00	-127.00	-2.20
423201	11.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	46300.00	-0.07	672.00	6714.00	49.00	-80.00	12.10
423202	15.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	70400.00	-0.11	1055.00	8387.00	72.00	-122.00	21.70
423203	13.00	-5.00	201.00	-9999.00	-9999.00	-9999.00	54140.00	-0.09	664.00	9174.00	92.00	-87.00	14.00
423204	-5.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	75310.00	-0.11	780.00	7243.00	49.00	-101.00	13.80
423205	11.00	-5.00	203.00	-9999.00	-9999.00	-9999.00	64820.00	-0.09	945.00	8043.00	75.00	-97.00	16.40
423206	14.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	42590.00	-0.10	821.00	12730.00	60.00	-113.00	13.10
423207	4.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	41170.00	-0.11	979.00	10840.00	80.00	-94.00	15.00
423208	12.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	78900.00	-0.12	1049.00	7144.00	90.00	-102.00	25.00
423209	11.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	44720.00	-0.10	746.00	8442.00	74.00	-95.00	20.00
423211	7.00	-5.00	33.00	-9999.00	-9999.00	-9999.00	44720.00	-0.13	-167.00	-2028.00	-9.00	364.00	-2.80
423212	10.00	-5.00	189.00	-9999.00	-9999.00	-9999.00	65330.00	-0.11	787.00	10350.00	84.00	-94.00	14.40
423213	19.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	54700.00	-0.10	741.00	8744.00	79.00	-91.00	14.80

LITTLE LAKE SEDIMENT

PC. THREE - SAMPLE SET 3

SAMPLE NO.	CR PPM	CS PPM	DY PPM	EU PPM	FF PPM	HF PPM	K PPM	LA PPM	LIJ PPM	MC PPM	PM PPM	WA PPM	PR PPM
423132	105.00	4.70	5.00	1.40	35120.00	5.30	12210.00	37.00	.20	7334.00	419.00	11620.00	-39.00
423147	105.00	6.20	5.00	.90	35460.00	5.00	12590.00	33.00	.30	7216.00	302.00	8144.00	-44.00
423149	44.00	4.90	7.00	1.40	18800.00	7.20	11580.00	34.00	.50	4934.00	245.00	5385.00	-31.00
423156	170.00	3.30	6.00	1.40	29800.00	5.80	11650.00	36.00	.40	9416.00	332.00	9883.00	-32.00
423157	32.00	-2.30	-1.00	-.50	5445.00	-1.50	-3815.00	-10.00	-.20	-1889.00	355.00	1222.00	-52.00
423158	78.00	3.00	5.00	1.70	21750.00	5.90	10600.00	29.00	.40	6265.00	239.00	10210.00	-32.00
423159	99.00	7.00	8.00	1.30	49780.00	3.30	13660.00	41.00	.40	11900.00	528.00	9156.00	-54.00
423161	57.00	3.10	4.00	.40	20430.00	4.40	12820.00	38.00	-.10	3634.00	266.00	11500.00	-43.00
423162	103.00	5.10	6.00	1.30	34910.00	5.40	9739.00	48.00	.60	10710.00	503.00	8340.00	-52.00
423163	-21.00	-2.80	-1.00	-.60	-1901.00	-2.30	-3021.00	-15.00	-.20	-1726.00	57.00	575.00	-64.00
423164	56.00	-2.30	8.00	1.70	21440.00	-1.40	-4015.00	50.00	.50	-1887.00	656.00	2567.00	-45.00
423166	94.00	-2.60	4.00	1.10	26380.00	-1.50	12920.00	37.00	-.20	6231.00	318.00	9548.00	-47.00
423168	83.00	5.10	4.00	1.40	30940.00	5.50	13080.00	37.00	.20	8712.00	307.00	11710.00	-39.00
423169	104.00	4.40	6.00	1.50	33060.00	6.70	16460.00	38.00	.40	11890.00	425.00	13250.00	-29.00
423170	75.00	-2.90	3.00	1.20	24730.00	-1.80	-6754.00	-11.00	-.20	-3030.00	1181.00	3593.00	-62.00
423171	64.00	-2.70	4.00	1.10	21400.00	-1.80	7258.00	-9.00	-.20	4899.00	446.00	4622.00	-48.00
423172	95.00	-2.40	5.00	1.50	38680.00	4.60	24970.00	32.00	.40	9405.00	436.00	9531.00	-47.00
423173	75.00	-3.40	4.00	.60	24970.00	-2.20	-4757.00	20.00	.30	7218.00	413.00	4631.00	-67.00
423174	114.00	5.50	7.00	1.70	42130.00	5.60	14460.00	40.00	.50	8514.00	449.00	8748.00	112.00
423175	99.00	3.30	6.00	1.40	38440.00	6.40	14290.00	36.00	.40	8133.00	461.00	10730.00	57.00
423176	72.00	-2.40	5.00	1.30	30770.00	4.20	12900.00	33.00	.30	6815.00	349.00	9621.00	87.00
423177	92.00	3.30	3.00	1.40	45170.00	5.00	12600.00	32.00	.40	8434.00	385.00	9701.00	56.00
423178	95.00	4.60	5.00	1.40	33370.00	6.10	14980.00	34.00	.30	10720.00	426.00	11350.00	-37.00
423183	74.00	-2.60	4.00	1.10	137400.00	-1.50	-4350.00	24.00	-.10	-2087.00	1323.00	4515.00	-59.00
423184	91.00	-2.50	4.00	1.10	24580.00	6.30	8918.00	26.00	.40	4139.00	186.00	8931.00	-47.00
423185	-16.00	-2.20	-1.00	-.50	-1712.00	-1.60	-2115.00	-12.00	-.20	-1226.00	65.00	527.00	-57.00
423186	-19.00	-2.90	-1.00	-.60	-2223.00	-1.90	-3630.00	-16.00	-.20	-1953.00	108.00	507.00	-71.00
423188	118.00	5.00	5.00	1.30	35290.00	6.40	14340.00	43.00	.30	8989.00	432.00	12250.00	-38.00
423189	131.00	5.20	6.00	1.70	45630.00	5.70	16650.00	37.00	.30	9517.00	1125.00	10470.00	75.00
423192	114.00	6.20	5.00	1.30	42750.00	4.70	16400.00	32.00	.40	11550.00	477.00	9850.00	-50.00
423193	130.00	5.30	5.00	1.30	26030.00	6.80	11710.00	33.00	.40	7320.00	311.00	11000.00	-32.00
423194	95.00	4.20	6.00	1.30	38850.00	4.60	11770.00	26.00	.40	9554.00	507.00	9390.00	-46.00
423195	81.00	-2.10	5.00	1.50	32150.00	7.00	10430.00	34.00	.40	9044.00	371.00	11560.00	-34.00
423196	61.00	-2.80	3.00	1.10	30810.00	-1.90	-4457.00	-9.00	-.20	-2268.00	633.00	5253.00	-54.00
423197	100.00	4.70	6.00	1.40	33280.00	6.60	11710.00	40.00	.40	9815.00	326.00	10750.00	51.00
423198	61.00	-2.10	4.00	1.00	25460.00	-1.20	7375.00	21.00	.20	3644.00	405.00	4043.00	-43.00
423199	106.00	7.13	6.00	1.50	43360.00	4.70	13740.00	34.00	.30	10570.00	413.00	8121.00	-47.00
423200	66.00	-2.80	3.00	-.40	19290.00	4.80	9687.00	-8.00	-.20	-2279.00	204.00	7425.00	-52.00
423201	61.00	2.80	4.00	1.00	30110.00	4.50	8425.00	24.00	.30	5512.00	429.00	10390.00	-28.00
423202	104.00	5.00	6.00	.90	46010.00	4.20	13760.00	41.00	.30	9136.00	670.00	9830.00	-46.00
423203	89.00	3.30	6.00	1.30	25820.00	7.50	8092.00	34.00	.40	6956.00	481.00	11100.00	-33.00
423204	93.00	4.20	5.00	1.30	35240.00	4.40	13720.00	25.00	.30	9356.00	346.00	11140.00	-40.00
423205	102.00	4.00	4.00	1.30	37610.00	9.20	11460.00	38.00	.40	10330.00	328.00	11250.00	47.00
423206	99.00	-2.20	5.00	1.40	38470.00	4.40	11440.00	30.00	.30	7725.00	511.00	8739.00	-42.00
423207	98.00	5.70	6.00	1.50	40470.00	6.30	14030.00	37.00	.30	9261.00	499.00	11240.00	26.00
423208	101.00	6.00	5.00	.70	45980.00	5.90	15900.00	36.00	.30	11240.00	525.00	10970.00	-46.00
423209	121.00	3.80	5.00	1.40	38070.00	6.30	15190.00	37.00	.40	10380.00	432.00	11270.00	-35.00
423211	-15.00	-2.40	-1.00	-.40	4245.00	-1.70	-2821.00	-13.00	-.20	-1763.00	95.00	905.00	-54.00
423212	97.00	6.50	7.00	1.30	36210.00	7.00	11110.00	39.00	.40	4597.00	412.00	10800.00	96.00
423213	84.00	-2.00	5.00	1.20	32630.00	5.70	11750.00	39.00	.40	7936.00	277.00	11190.00	-37.00

RUTTLES LAKE SEDIMENT

PG. FOUR - SAMPLE SET 3

SAMPLE NO.	SR PPH	SC PPH	SM PPH	SP PPH	TA PPH	TB PPH	TH PPH	TI PPH	V PPH	VS PPH	TH PPH	TH/U RATIO
423132	-3.00	13.70	5.20	-236.00	-1.00	-1.00	8.60	5102.00	134.00	3.80	140.00	3.04900
423143	-3.00	15.60	4.90	-292.00	-3.00	-1.00	9.30	4805.00	155.00	3.40	129.00	3.50900
423144	-3.00	12.40	6.30	-164.00	-7.00	-1.00	9.60	4674.00	124.00	4.50	98.00	3.11500
423151	-2.00	15.10	5.30	-252.00	-2.00	-1.00	9.70	5731.00	151.00	-1.60	113.00	3.21500
423151	-3.00	9.10	-4.00	-345.00	-3.00	-1.00	-1.70	-9999.00	-9.00	-2.30	-77.00	0.00000
423151	-2.00	10.00	5.20	-184.00	-2.00	-1.00	9.50	4094.00	83.00	2.90	-77.00	3.59700
423154	-4.00	17.70	6.60	-310.00	-2.00	-1.00	13.20	4836.00	122.00	-2.20	-91.00	3.40100
423151	-3.00	9.70	4.90	-267.00	-2.00	-1.00	10.70	2592.00	75.00	-1.90	-26.00	2.15500
423152	-4.00	14.10	7.30	-305.00	-2.00	-1.00	12.90	4225.00	135.00	-2.40	-64.00	2.30900
423155	-4.00	1.80	-1.30	-276.00	-4.00	-1.00	-7.40	-9999.00	-8.00	-3.00	-54.00	0.00000
423154	-3.00	11.60	9.10	-372.00	-3.00	-1.00	10.20	1402.00	99.00	5.30	220.00	3.11500
423155	-4.00	12.50	2.90	-298.00	-3.00	-1.00	8.70	3675.00	102.00	-2.30	-79.00	2.18600
423154	-3.00	14.30	5.30	-226.00	-1.00	-1.00	11.30	4750.00	123.00	2.40	-51.00	3.53400
423162	-2.00	14.10	6.20	-209.00	-1.00	-1.00	12.30	4906.00	130.00	3.90	119.00	3.49700
423170	-4.00	8.10	3.70	-557.00	-3.00	-1.00	7.50	-9999.00	78.00	-2.50	-73.00	2.26800
423171	-3.00	8.70	4.10	-352.00	-2.00	-1.00	6.40	2784.00	72.00	-2.50	-23.00	2.48800
423172	-3.00	16.40	5.70	-262.00	-2.00	-1.00	9.60	3708.00	142.00	4.30	-65.00	3.14500
423173	-4.00	11.20	3.70	-364.00	-4.00	-1.00	7.80	2394.00	90.00	-3.10	-55.00	3.49000
423174	-3.00	18.60	7.40	-262.00	-2.00	-1.00	12.40	5037.00	170.00	5.00	229.00	3.61600
423175	-3.00	14.10	6.20	-268.00	-2.00	-1.00	10.00	5019.00	141.00	5.00	-125.00	3.37400
423175	-3.00	15.70	4.70	-247.00	-2.00	-1.00	8.60	4244.00	152.00	-2.10	-57.00	2.95900
423177	-2.00	14.20	4.80	-212.00	-2.00	-1.00	9.30	4655.00	141.00	5.50	194.00	3.32700
423179	-2.00	14.10	5.60	-239.00	-1.00	-1.00	10.80	4573.00	124.00	3.50	-170.00	3.61000
423183	-3.00	10.40	4.40	-407.00	-3.00	-1.00	6.60	2863.00	93.00	-2.20	-128.00	2.83200
423184	-3.00	14.10	4.80	-224.00	-2.00	-1.00	8.70	4494.00	115.00	-2.00	-36.00	3.22600
423185	-3.00	1.20	-1.00	-202.00	-3.00	-1.00	-1.90	-9999.00	-5.00	-2.30	-14.00	0.00000
423185	-4.00	-1.20	-1.20	-295.00	-4.00	-1.00	-2.40	-9999.00	-1.00	-3.00	-81.00	0.00000
423183	-3.00	14.90	7.10	-234.00	-1.00	-1.00	12.40	4807.00	134.00	4.40	-54.00	3.07700
423182	-3.00	17.10	6.50	-330.00	-2.00	-1.00	13.50	4355.00	153.00	5.30	95.00	3.13500
423192	-3.00	19.20	5.00	-275.00	-2.00	-1.00	13.10	4502.00	166.00	4.50	-70.00	3.28900
423193	-2.00	12.10	5.30	-198.00	-2.00	-1.00	12.70	4599.00	102.00	3.90	94.00	2.90700
423194	-3.00	14.80	5.50	-283.00	-2.00	-1.00	10.50	4509.00	120.00	4.20	94.00	3.44800
423195	-3.00	12.50	6.40	-249.00	-1.00	-1.00	9.80	4610.00	108.00	4.00	-74.00	3.23600
423196	-4.00	9.90	3.00	-380.00	-1.00	-1.00	7.30	-9999.00	86.00	-2.60	158.00	2.30400
423197	-3.00	14.20	5.50	-209.00	-2.00	-1.00	10.80	4791.00	116.00	-1.70	118.00	2.91500
423199	-3.00	8.30	3.90	-272.00	-2.00	-1.00	6.10	2303.00	95.00	-1.80	-97.00	3.21500
423200	-4.00	17.10	7.50	-294.00	-2.00	-1.00	13.40	4677.00	174.00	6.10	-144.00	4.32900
423201	-3.00	10.40	-4.00	-282.00	-2.00	-1.00	6.30	4159.00	110.00	3.10	-91.00	3.10800
423202	-2.00	10.60	-6.00	-192.00	-1.00	-1.00	6.90	3950.00	95.00	4.00	-77.00	3.63200
423203	-3.00	15.20	6.90	-320.00	-2.00	-1.00	9.90	4009.00	156.00	-2.10	-77.00	3.33300
423204	-2.00	12.80	6.50	-272.00	-1.00	-1.00	9.10	4774.00	120.00	4.00	-49.00	3.49700
423205	-1.00	15.70	4.00	-243.00	-2.00	-1.00	8.30	4447.00	142.00	-2.10	-69.00	3.28900
423206	-3.00	12.60	4.90	-242.00	-2.00	-1.00	8.80	4274.00	116.00	-1.80	136.00	3.33300
423207	-2.00	15.60	6.50	-267.00	-2.00	-1.00	11.10	4499.00	141.00	3.50	-73.00	3.86100
423208	-3.00	19.70	5.20	-214.00	-2.00	-1.00	11.00	4127.00	179.00	2.50	-58.00	3.39000
423211	-3.00	14.40	6.40	-226.00	-2.00	-1.00	10.80	5246.00	144.00	3.90	132.00	3.47800
423212	-3.00	3.20	-4.00	-241.00	-2.00	-1.00	-1.80	-9999.00	33.00	-2.70	-96.00	0.00000
423212	-3.00	14.50	6.40	-213.00	-2.00	-1.00	10.30	4735.00	141.00	5.60	-115.00	3.40100
423213	-3.00	14.70	5.00	-216.00	-2.00	-1.00	9.90	4628.00	128.00	3.70	-49.00	3.36700

NETTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET 4

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	ARSENIC PPM	CADMIUM PPM	COPPER PPM	CHROMIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
423215	66.3575	152.5072	7.	57.0	-9999.	2.70	-5.00	-5.00	-5.00	31.00	-20.00	27.00	9.00	-10.00	-15.00
423216	66.3739	152.4897	7.	41.0	-9999.	2.69	-5.00	5.00	-5.00	38.00	-20.00	27.00	10.00	-10.00	-15.00
423217	66.3644	152.4239	7.	37.0	-9999.	2.99	-5.00	-5.00	-5.00	53.00	-20.00	29.00	17.00	-10.00	16.00
423218	66.3642	152.3011	7.	70.0	-9999.	2.44	-5.00	-5.00	-5.00	44.00	-20.00	35.00	6.00	-10.00	-15.00
423219	66.2844	152.0853	7.	37.0	-9999.	3.21	-5.00	-5.00	-5.00	57.00	-20.00	49.00	14.00	-10.00	21.00
423220	66.2619	152.0631	7.	21.0	-9999.	3.99	-5.00	5.00	-5.00	35.00	-20.00	31.00	7.00	-10.00	-15.00
423221	66.2600	152.2106	7.	30.0	-9999.	3.17	-5.00	-5.70	-5.00	66.00	-20.00	51.00	7.00	-10.00	-15.00
423222	66.2567	152.3081	7.	10.0	-9999.	1.25	-5.00	-5.70	-5.00	39.00	-20.00	33.00	-5.00	-10.00	-15.00
423223	66.2544	152.4144	7.	96.0	-9999.	3.21	-5.00	5.00	-5.00	44.00	-20.00	36.00	10.00	-10.00	-15.00
423225	66.2603	152.4856	7.	37.0	-9999.	3.17	-5.00	6.00	-5.00	39.00	-20.00	34.00	15.00	-10.00	-15.00
423227	66.0722	150.3172	7.	34.0	-9999.	3.41	-5.00	5.00	-5.00	77.00	-20.00	69.00	8.00	-10.00	-15.00
423228	66.0531	150.7014	7.	30.0	-9999.	3.07	-5.00	5.00	-5.00	51.00	-20.00	44.00	16.00	-10.00	-15.00
423229	66.0511	150.5403	7.	33.0	-9999.	2.91	-5.00	5.00	-5.00	37.00	-20.00	21.00	7.00	-10.00	-15.00
423231	66.0431	150.6350	6.	19.0	-9999.	2.76	-5.00	7.00	-5.00	39.00	-20.00	25.00	6.00	-10.00	-15.00
423250	66.0597	151.5078	7.	24.0	-9999.	3.44	-5.00	7.00	-5.00	42.00	-20.00	34.00	9.00	-10.00	-15.00
423251	66.0603	152.0358	7.	40.0	-9999.	3.42	-5.00	-5.00	-5.00	51.00	-20.00	65.00	8.00	-10.00	-15.00
423252	66.0722	152.1347	6.	21.0	-9999.	3.16	-5.00	-5.00	-5.00	49.00	-20.00	23.00	10.00	-10.00	-15.00
423253	66.0672	152.2506	7.	54.0	-9999.	2.87	-5.00	-5.00	-5.00	33.00	-20.00	29.00	13.00	-10.00	-15.00
423254	66.0692	152.3889	8.	201.0	-9999.	3.23	-5.00	5.00	-5.00	37.00	-20.00	21.00	11.00	-10.00	-15.00
423255	66.0503	152.4586	8.	464.0	-9999.	2.96	-5.00	-5.00	-5.00	24.00	-20.00	21.00	6.00	-10.00	-15.00
423256	66.0464	152.5914	8.	321.0	-9999.	3.35	-5.00	5.00	-5.00	46.00	-20.00	42.00	10.00	-10.00	-15.00
423262	66.0096	152.8519	7.	195.0	-9999.	3.75	-5.00	-5.00	-5.00	61.00	-20.00	56.00	8.00	-10.00	-15.00
423263	66.0111	152.7594	7.	59.0	-9999.	3.27	-5.00	5.00	-5.00	33.00	-20.00	52.00	8.00	-10.00	-15.00
423265	66.0164	152.5286	7.	41.0	-9999.	2.79	-5.00	-5.00	-5.00	42.00	-20.00	40.00	5.00	-10.00	-15.00
423267	66.3319	150.6692	7.	4.0	-9999.	19.63	-5.00	9.00	-5.00	33.00	-20.00	21.00	-5.00	-10.00	-15.00
423268	66.3354	150.6000	5.	6.5	-9999.	6.0	-5.00	-5.00	-5.00	23.00	-20.00	22.00	-5.00	-10.00	-15.00
423269	66.3293	150.6175	6.	2.0	-9999.	7.62	-5.00	8.00	-5.00	29.00	-20.00	-15.00	-5.00	-10.00	-15.00
423270	66.3261	150.6700	6.	3.0	-9999.	42.37	-5.00	12.00	-5.00	21.00	-20.00	-15.00	-5.00	-10.00	-15.00
423271	66.3036	150.6969	6.	13.0	-9999.	3.78	-5.00	-5.00	-5.00	46.00	-20.00	25.00	10.00	-10.00	-15.00
423272	66.2967	150.7769	5.	5.0	-9999.	3.61	-5.00	-5.00	-5.00	37.00	-20.00	35.00	6.00	-10.00	-15.00
423273	66.3031	150.8817	6.	10.0	-9999.	14.63	-5.00	11.00	-5.00	28.00	-20.00	21.00	25.00	-10.00	23.00
423274	66.3014	150.9922	6.	31.0	-9999.	1.35	-5.00	-5.00	-5.00	45.00	-20.00	-15.00	-5.00	-10.00	-15.00
423275	66.2967	151.0944	5.	10.0	-9999.	2.66	-5.00	6.00	-5.00	40.00	-20.00	43.00	7.00	-10.00	16.00
423277	66.3344	151.3178	7.	15.0	-9999.	4.14	-5.00	6.00	-5.00	23.00	-20.00	-15.00	5.00	-10.00	-15.00
423278	66.3064	151.3814	7.	38.0	-9999.	2.12	-5.00	6.00	-5.00	47.00	-20.00	28.00	-5.00	-10.00	-15.00
423279	66.3350	151.4786	6.	10.0	-9999.	2.60	-5.00	-5.00	-5.00	38.00	-20.00	-15.00	-5.00	-10.00	-15.00
423282	66.3093	151.6686	7.	69.0	-9999.	7.51	-5.00	-5.00	-5.00	42.00	-20.00	20.00	-5.00	-10.00	-15.00
423283	66.3164	151.7506	7.	12.0	-9999.	2.02	-5.00	-5.00	-5.00	57.00	-20.00	34.00	-5.00	-10.00	-15.00
423284	66.3186	151.7861	6.	32.0	-9999.	3.40	-5.00	-5.00	-5.00	45.00	-20.00	33.00	10.00	-10.00	-15.00
423285	66.3044	151.8694	6.	20.0	-9999.	2.40	-5.00	-5.00	-5.00	46.00	-20.00	34.00	-5.00	-10.00	-15.00
423286	66.3033	151.9697	6.	20.0	-9999.	3.29	-5.00	-5.00	-5.00	34.00	-20.00	35.00	7.00	-10.00	-15.00
423287	66.3711	151.9029	5.	1.0	-9999.	3.35	-5.00	-5.00	-5.00	22.00	-20.00	-15.00	-5.00	-10.00	-15.00
423288	66.3583	151.8694	7.	36.0	-9999.	2.69	-5.00	5.00	-5.00	43.00	-20.00	31.00	-5.00	-10.00	-15.00
423289	66.3964	151.8679	7.	63.0	-9999.	1.30	-5.00	-5.00	-5.00	32.00	-20.00	22.00	-5.00	-10.00	-15.00
423290	66.4133	151.9144	7.	94.0	-9999.	3.55	-5.00	5.00	-5.00	43.00	-20.00	29.00	9.00	-10.00	-15.00
423291	66.4492	151.8647	7.	44.0	-9999.	2.65	-5.00	-5.00	-5.00	49.00	-20.00	34.00	8.00	-10.00	-15.00
423292	66.4856	151.8903	7.	62.0	-9999.	2.91	-5.00	7.00	-5.00	30.00	-20.00	33.00	7.00	-10.00	-15.00
423293	66.5233	151.8760	7.	18.0	-9999.	2.92	-5.00	-5.00	-5.00	41.00	-20.00	37.00	11.00	-10.00	-15.00
423294	66.5611	151.8656	6.	22.0	-9999.	3.87	-5.00	-5.00	-5.00	54.00	-20.00	41.00	6.00	-10.00	-15.00
423295	66.5639	151.7925	7.	38.0	-9999.	3.76	-5.00	5.00	-5.00	44.00	-20.00	37.00	9.00	-10.00	-15.00

PETTLIS LAKE SEDIMENT

PG. TWO - SAMPLE SET 4

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MM PPM	PE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423215	9.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	64700.00	-10	913.00	9639.00	80.00	-98.00	12.80
423216	12.00	-5.00	168.00	-9999.00	-9999.00	-9999.00	69940.00	-10	933.00	8195.00	72.00	-90.00	16.50
423217	6.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	69410.00	-10	1053.00	8910.00	77.00	-94.00	17.90
423218	13.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	44450.00	-13	544.00	11620.00	46.00	-130.00	13.70
423219	10.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	72770.00	-13	1099.00	9822.00	99.00	-100.00	18.20
423220	15.00	-5.00	206.00	-9999.00	-9999.00	-9999.00	64080.00	-09	739.00	13090.00	90.00	-94.00	15.50
423221	26.00	-5.00	57.00	-9999.00	-9999.00	-9999.00	31150.00	-16	-244.00	11750.00	46.00	372.00	24.50
423222	19.00	-5.00	40.00	-9999.00	-9999.00	-9999.00	17470.00	-13	-221.00	-1947.00	21.00	464.00	13.90
423223	13.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	67160.00	-10	863.00	14770.00	103.00	-98.00	15.50
423225	11.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	82250.00	-12	1074.00	7990.00	64.00	-107.00	17.30
423227	26.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	68300.00	-11	1250.00	15390.00	63.00	-103.00	26.70
423228	7.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	62300.00	-11	1076.00	12060.00	65.00	-97.00	17.00
423229	13.00	-5.00	170.00	-9999.00	-9999.00	-9999.00	63500.00	-10	831.00	12530.00	75.00	-100.00	13.40
423231	9.00	-5.00	166.00	-9999.00	-9999.00	-9999.00	57020.00	-09	995.00	11010.00	54.00	-110.00	14.50
423250	23.00	-5.00	164.00	-9999.00	-9999.00	-9999.00	64540.00	-10	1021.00	9095.00	94.00	-97.00	22.00
423251	16.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	67020.00	-10	1284.00	12410.00	87.00	-117.00	22.90
423252	8.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	70630.00	-13	1231.00	10890.00	85.00	-103.00	20.50
423253	7.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	62600.00	-09	906.00	12430.00	64.00	-92.00	15.10
423254	13.00	-5.00	206.00	-9999.00	-9999.00	-9999.00	61410.00	-08	1095.00	21360.00	72.00	-107.00	14.90
423255	9.00	-5.00	217.00	-9999.00	-9999.00	-9999.00	53130.00	-08	966.00	20220.00	74.00	-100.00	17.60
423256	63.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	54490.00	-13	1181.00	22440.00	69.00	-113.00	16.90
423262	24.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	63370.00	-11	1004.00	12870.00	73.00	-96.00	21.20
423263	7.00	-5.00	205.00	-9999.00	-9999.00	-9999.00	63950.00	-10	904.00	9514.00	73.00	-116.00	16.70
423265	16.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	62990.00	-10	845.00	2350.00	84.00	-102.00	18.80
423267	9.00	-5.00	70.00	-9999.00	-9999.00	-9999.00	38440.00	-17	478.00	-1441.00	242.00	-115.00	9.70
423268	-5.00	-5.00	20.00	-9999.00	-9999.00	-9999.00	-807.00	-15	-175.00	-2448.00	-13.00	414.00	-3.70
423269	8.00	-5.00	26.00	-9999.00	-9999.00	-9999.00	6623.00	-16	-161.00	-2258.00	87.00	415.00	-3.60
423270	10.00	-5.00	24.00	-9999.00	-9999.00	-9999.00	7901.00	-16	-169.00	-2700.00	226.00	207.00	-3.60
423271	12.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	64260.00	-15	845.00	-1013.00	84.00	-62.00	3.70
423272	28.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	51410.00	-11	829.00	12930.00	45.00	-104.00	16.00
423273	23.00	-5.00	534.00	-9999.00	-9999.00	-9999.00	71790.00	-09	645.00	10260.00	174.00	-97.00	20.40
423274	6.00	-5.00	28.00	-9999.00	-9999.00	-9999.00	11450.00	-14	-192.00	12550.00	-10.00	-107.00	-3.10
423275	-5.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	64060.00	-11	835.00	9777.00	77.00	-91.00	12.10
423277	-5.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	59030.00	-11	1025.00	10960.00	72.00	-111.00	8.00
423278	11.00	-5.00	39.00	-9999.00	-9999.00	-9999.00	12450.00	-15	810.00	10950.00	44.00	-119.00	12.40
423279	-5.00	-5.00	87.00	-9999.00	-9999.00	-9999.00	3840.00	-13	641.00	9669.00	54.00	-100.00	-2.10
423282	15.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	45710.00	-13	955.00	14940.00	79.00	-130.00	11.70
423283	14.00	-5.00	42.00	-9999.00	-9999.00	-9999.00	19160.00	-10	304.00	10610.00	25.00	390.00	14.30
423284	13.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	71740.00	-11	695.00	11770.00	81.00	-97.00	17.00
423285	13.00	-5.00	93.00	-9999.00	-9999.00	-9999.00	46740.00	-12	842.00	11120.00	57.00	-104.00	13.10
423287	13.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	59290.00	-11	851.00	9696.00	69.00	-122.00	17.40
423287	9.00	-5.00	14.00	-9999.00	-9999.00	-9999.00	4616.00	-16	-209.00	-1811.00	-12.00	-74.00	-3.40
423288	22.00	-5.00	110.00	-9999.00	-9999.00	-9999.00	5410.00	-13	1124.00	14770.00	80.00	-101.00	14.10
423289	27.00	-5.00	39.00	-9999.00	-9999.00	-9999.00	12480.00	-08	-137.00	10670.00	71.00	-393.00	15.60
423290	7.00	-5.00	202.00	-9999.00	-9999.00	-9999.00	6390.00	-10	944.00	13990.00	69.00	-110.00	17.60
423291	14.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	4910.00	-14	684.00	9344.00	77.00	-144.00	16.90
423293	17.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	67300.00	-10	944.00	11110.00	85.00	-93.00	14.30
423294	8.00	-5.00	161.00	-9999.00	-9999.00	-9999.00	77930.00	-11	1036.00	8153.00	70.00	-98.00	19.00
423295	14.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	74000.00	-13	910.00	11340.00	79.00	-125.00	22.00
423295	12.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	69020.00	-13	901.00	9790.00	87.00	-102.00	21.50

NETTIES LAKE SEDIMENT

PG. THREE - SAMPLE SET 4

SAMPLE NO.	CR PPM	CS PPM	DY PPM	FI PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MC PPM	PN PPM	NA PPM	RE PPM
423215	90.00	4.10	6.00	1.10	33710.00	6.60	12110.00	29.00	.40	10080.00	469.00	11410.00	-36.00
423216	83.00	5.30	4.00	1.50	39050.00	4.70	11920.00	32.00	.30	8094.00	455.00	16990.00	-38.00
423217	101.00	4.80	6.00	1.40	39610.00	5.10	13220.00	32.00	.40	10210.00	370.00	9736.00	-37.00
423218	94.00	-2.60	5.00	1.00	25690.00	-1.50	-4557.00	17.00	.30	6192.00	490.00	8593.00	-57.00
423219	120.00	5.90	5.00	1.40	46580.00	4.50	14420.00	34.00	.40	9177.00	548.00	9547.00	-43.00
423220	123.00	5.50	5.00	1.50	34810.00	6.20	13140.00	33.00	.30	7365.00	395.00	12000.00	-27.00
423221	57.00	-3.10	4.00	-.50	25120.00	-2.00	-5195.00	-13.00	-.20	4729.00	737.00	2535.00	-29.00
423222	45.00	-2.40	2.00	-.40	15130.00	-1.40	-4814.00	-12.00	-.20	-2274.00	487.00	1673.00	-27.00
423223	129.00	4.50	6.00	1.70	38010.00	6.90	15770.00	40.00	.40	12180.00	593.00	11460.00	-37.00
423225	128.00	6.00	4.00	1.30	43420.00	3.80	12560.00	31.00	.30	8390.00	435.00	10190.00	-47.00
423227	101.00	5.20	5.00	1.50	33200.00	3.40	17130.00	32.00	.30	10750.00	246.00	8699.00	74.00
423228	90.00	3.60	6.00	1.70	34910.00	6.00	14920.00	35.00	.30	10110.00	446.00	10490.00	-39.00
423229	78.00	-2.10	4.00	1.20	35810.00	4.30	8393.00	34.00	-.10	8405.00	525.00	21810.00	-38.00
423231	87.00	-2.00	5.00	1.40	30970.00	4.80	8812.00	30.00	.30	7791.00	372.00	10440.00	-37.00
423250	108.00	4.40	6.00	1.40	36730.00	5.00	14610.00	38.00	.30	10460.00	416.00	10010.00	73.00
423251	121.00	4.50	7.00	1.50	36920.00	5.30	14270.00	41.00	.40	10590.00	438.00	11690.00	-42.00
423252	117.00	6.10	5.50	1.80	32640.00	5.00	16100.00	38.00	.40	9400.00	347.00	4903.00	149.00
423253	99.00	3.20	4.00	1.20	34790.00	5.30	11740.00	33.00	.40	9155.00	426.00	12170.00	-37.00
423254	117.00	3.50	4.00	.90	34410.00	6.00	13010.00	36.00	.40	10060.00	689.00	12000.00	-32.00
423255	96.00	3.30	5.00	1.60	33390.00	7.50	10740.00	32.00	.40	10630.00	466.00	13490.00	-24.00
423256	103.00	3.20	5.00	1.50	71290.00	3.60	10590.00	30.00	.30	9775.00	839.00	8896.00	-51.00
423262	138.00	4.10	6.00	1.80	51270.00	5.70	15260.00	35.00	.40	11440.00	505.00	10150.00	120.00
423263	114.00	6.10	5.00	1.40	36980.00	6.60	13510.00	32.00	.40	9058.00	461.00	12270.00	-39.00
423265	98.00	-2.10	4.00	1.40	40740.00	5.30	11110.00	35.00	.30	10050.00	671.00	11050.00	-28.00
423267	48.00	5.70	9.00	1.40	74320.00	-2.30	-4616.00	106.00	.50	-2472.00	452.00	4439.00	-58.00
423268	-21.00	-2.90	-1.00	-.60	-1945.00	-2.10	-2297.00	-16.00	-.20	-1614.00	38.00	593.00	-62.00
423269	-19.00	-2.60	3.00	-.60	-1774.00	-2.10	-7526.00	-15.00	-.20	-1643.00	71.00	972.00	-59.00
423270	-21.00	-3.20	15.00	1.00	-1934.00	-2.00	-2575.00	163.00	-.30	-1423.00	66.00	660.00	-62.00
423271	73.00	4.70	6.00	1.40	14730.00	5.10	11000.00	38.00	.30	-1598.00	139.00	1924.00	-45.00
423272	102.00	-7.30	4.00	1.10	23940.00	5.40	-3339.00	-8.00	.30	8271.00	318.00	5933.00	-42.00
423273	121.00	6.00	10.00	1.60	41240.00	23.50	13730.00	79.00	.90	8112.00	768.00	13300.00	116.00
423274	-16.00	-2.80	2.00	-.50	7276.00	-1.90	-3009.00	-15.00	-.20	-1802.00	132.00	1085.00	-59.00
423275	167.00	5.00	6.00	1.10	25130.00	5.90	13030.00	35.00	.40	8985.00	276.00	4810.00	-39.00
423277	33.00	5.20	4.00	1.10	17290.00	3.50	11560.00	41.00	.30	5468.00	271.00	8268.00	-39.00
423278	-16.00	-2.70	4.00	1.70	4284.00	-2.00	-3882.00	-12.00	-.20	-1911.00	211.00	1442.00	-58.00
423279	57.00	3.60	3.00	1.10	13810.00	3.40	-3969.00	23.00	.40	5139.00	417.00	4961.00	-46.00
423282	45.00	7.30	4.00	1.30	18700.00	-1.50	-4123.00	21.00	.30	6508.00	313.00	7464.00	-49.00
423283	24.00	-2.00	2.00	.70	17930.00	-1.20	-2843.00	16.00	.20	-1413.00	298.00	2064.00	-40.00
423284	75.00	-2.30	5.00	1.20	34430.00	3.90	14310.00	37.00	.40	8856.00	395.00	10650.00	-43.00
423285	77.00	-2.50	4.00	1.30	21846.00	3.10	6892.00	34.00	-.20	8595.00	264.00	6018.00	-48.00
423286	95.00	4.80	5.00	1.30	31400.00	5.40	13320.00	37.00	.40	9684.00	317.00	10690.00	-46.00
423287	-19.00	-2.50	-1.00	-.60	-1584.00	-2.00	-2934.00	-15.00	-.20	-1840.00	137.00	327.00	-29.00
423289	70.00	-2.60	4.00	1.70	44320.00	2.90	7059.00	39.00	.40	5884.00	651.00	7018.00	-49.00
423290	33.00	-1.30	1.00	-.30	21570.00	-1.00	-2741.00	-7.00	-.10	3101.00	397.00	2073.00	-32.00
423291	101.00	4.70	6.00	1.50	36800.00	7.40	12410.00	31.00	.40	9315.00	459.00	11340.00	-40.00
423292	74.00	-2.80	4.00	1.30	33800.00	3.90	12960.00	-12.00	.30	6819.00	472.00	6154.00	-49.00
423293	114.00	5.90	5.00	1.50	49150.00	5.10	9813.00	30.00	.40	9549.00	516.00	11170.00	-37.00
423294	104.00	5.70	6.00	1.30	42740.00	4.60	14440.00	32.00	.30	10790.00	345.00	9818.00	-41.00
423295	109.00	5.90	4.00	1.40	41620.00	6.10	13450.00	34.00	.50	11580.00	598.00	11010.00	-45.00

NETTLES LAKE SEDIMENT

PC. FOUR - SAMPLE SET 4

SAMPLE NO.	SR PPM	SC PPM	SM PPM	SP PPM	TA PPM	TR PPM	TH PPM	TI PPM	V PPM	TB PPM	TM PPM	TH/M RATIO
423215	-3.00	13.10	5.40	-272.00	-1.00	-1.00	9.70	4919.00	127.00	3.60	132.00	3.59700
423216	-3.00	15.40	5.00	-257.00	-2.00	-1.00	6.30	4583.00	140.00	3.50	-54.00	3.06800
423217	-3.00	15.60	5.90	-221.00	-2.00	-1.00	11.50	4832.00	145.00	3.50	-119.00	4.00000
423218	-3.00	10.70	4.80	-344.00	-2.00	-1.00	10.80	3060.00	84.00	-2.70	-81.00	4.42500
423219	-3.00	15.80	7.00	-315.00	-2.00	-1.00	12.10	5125.00	156.00	4.40	-90.00	3.77400
423220	-3.00	14.30	6.20	-229.00	-2.00	-1.00	9.40	3818.00	118.00	4.40	-53.00	2.42100
423221	-4.00	7.80	4.10	-444.00	-4.00	-1.00	9.10	1508.00	86.00	-2.90	-78.00	2.26800
423222	-3.00	4.20	1.90	-397.00	-4.00	-1.00	-1.90	-9999.00	49.00	-2.50	-94.00	0.00000
423223	-3.00	14.80	7.30	-285.00	-1.00	-1.00	12.00	4399.00	133.00	4.70	-64.00	3.92700
423225	-3.00	18.00	5.70	-272.00	-2.00	-1.00	11.20	5328.00	157.00	-2.90	-69.00	3.58400
423227	4.00	15.50	4.20	-238.00	-2.00	-1.00	9.50	3950.00	160.00	3.60	190.00	2.78400
423228	-3.00	13.50	6.50	-286.00	-2.00	-1.00	9.90	4513.00	146.00	3.50	-22.00	3.22100
423229	-3.00	14.80	3.70	-245.00	-1.00	-1.00	7.60	3693.00	140.00	3.10	-51.00	2.81100
423231	-3.00	12.70	5.10	-240.00	-2.00	-1.00	8.50	3865.00	121.00	-1.60	-57.00	3.07700
423250	-3.00	15.50	5.90	-234.00	-2.00	-1.00	13.80	5399.00	148.00	2.50	168.00	4.01600
423251	-3.00	15.90	6.20	-264.00	-2.00	-1.00	14.40	4761.00	154.00	4.40	-79.00	4.20200
423252	-3.00	15.50	6.50	-240.00	-2.00	-1.00	11.60	4948.00	152.00	4.10	-70.00	3.87000
423253	-3.00	14.60	3.70	-240.00	-1.00	-1.00	11.80	4189.00	152.00	3.20	-57.00	4.11500
423254	-2.00	13.80	-7.70	-250.00	-2.00	-1.00	11.40	4240.00	126.00	3.70	92.00	3.33400
423255	-2.00	12.70	6.00	-221.00	-2.00	-1.00	12.00	4552.00	108.00	3.40	-62.00	4.04900
423256	-3.00	12.70	5.00	-304.00	-2.00	-1.00	9.50	3768.00	123.00	3.60	-71.00	2.83300
423257	-3.00	19.10	6.80	-249.00	-2.00	-1.00	11.40	5419.00	172.00	3.10	159.00	3.84000
423263	-3.00	15.40	5.60	-269.00	-2.00	-1.00	10.50	5141.00	155.00	2.80	-42.00	3.21500
423265	-3.00	14.90	4.90	-287.00	-2.00	-1.00	10.10	3697.00	129.00	-2.10	-59.00	3.62300
423267	-4.00	7.20	16.00	-416.00	-4.00	-1.00	48.60	2449.00	71.00	5.20	181.00	2.47500
423268	-4.00	4.90	-1.30	-274.00	-4.00	-1.00	-2.60	-9999.00	-8.00	-2.80	-123.00	0.00000
423269	-4.00	7.00	4.70	-228.00	-3.00	-1.00	22.30	-9999.00	-8.00	-2.90	-97.00	2.97100
423270	-4.00	4.40	36.40	-233.00	-5.00	-1.00	85.10	-9999.00	-7.00	12.10	-120.00	2.83300
423272	-3.00	12.00	7.20	-230.00	-2.00	-1.00	12.10	5207.00	140.00	3.80	-11.00	3.26300
423273	-2.00	14.30	13.30	-258.00	-2.00	-1.00	8.40	3175.00	115.00	4.70	-70.00	2.32500
423274	-3.00	3.30	-1.00	-258.00	-2.00	-1.00	50.90	5189.00	97.00	7.70	124.00	3.47200
423275	-3.00	14.40	6.50	-248.00	-2.00	-1.00	3.30	-9999.00	31.00	-2.70	-111.00	2.44500
423277	-3.00	8.30	3.90	-240.00	-2.00	-1.00	10.00	4762.00	134.00	2.70	211.00	3.75900
423278	-4.00	4.30	3.30	-204.00	-5.00	-1.00	11.80	2248.00	62.00	-2.10	-57.00	2.64900
423279	-4.00	7.50	3.50	-342.00	-3.00	-1.00	7.70	-9999.00	19.00	-2.80	-104.00	3.49100
423282	-3.00	9.70	5.40	-303.00	-2.00	-1.00	6.00	2474.00	59.00	-2.20	-48.00	2.30500
423283	-3.00	4.40	2.20	-254.00	-2.00	-1.00	9.10	2207.00	68.00	-2.50	-46.00	1.21200
423284	-3.00	15.40	4.30	-257.00	-1.00	-1.00	3.60	797.00	61.00	-1.90	144.00	1.78300
423285	-3.00	9.10	4.90	-263.00	-3.00	-1.00	10.70	4079.00	134.00	3.30	-67.00	3.14500
423286	-3.00	13.20	5.90	-215.00	-2.00	-1.00	7.90	7581.00	88.00	-2.40	-74.00	3.28900
423287	-4.00	4.70	-1.30	-297.00	-3.00	-1.00	10.70	5134.00	137.00	3.70	143.00	3.22600
423288	-3.00	12.90	4.90	-332.00	-3.00	-1.00	-2.30	-9999.00	-7.00	-2.00	-91.00	0.00000
423289	-2.00	3.20	-1.00	-242.00	-2.00	-1.00	4.50	4032.00	101.00	-2.10	-49.00	3.14500
423290	-3.00	14.50	6.60	-267.00	-2.00	-1.00	-1.10	-9999.00	42.00	-1.50	-57.00	0.00000
423291	-4.00	10.80	3.60	-350.00	-3.00	-1.00	12.20	4535.00	119.00	4.60	165.00	1.43600
423292	-3.00	15.10	4.80	-250.00	-2.00	-1.00	4.70	3360.00	100.00	-2.80	-159.00	3.24700
423293	-3.00	17.40	6.00	-272.00	-2.00	-1.00	9.70	5098.00	129.00	-2.20	-54.00	3.33300
423294	-3.00	19.00	6.40	-273.00	-2.00	-1.00	3.90	4879.00	154.00	3.10	-150.00	3.39000
423295	-4.00	17.90	8.70	-316.00	-2.00	-1.00	11.80	4929.00	180.00	-2.40	270.00	3.04900
							10.10	5197.00	163.00	4.70	83.00	2.68800

BETTLES LAKE SEDIMENT

PC. ONE - SAMPLE SET 9

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	ARSENIC PPM	CADMIUM PPM	COPPER PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
423296	66.5456	151.7408	6.	10.0	-9999.	.75	-5.00	-5.00	-5.00	32.00	-20.00	-15.00	-5.00	-10.00
423297	66.5128	151.7967	7.	13.0	-9999.	2.97	-5.00	-5.00	-5.00	47.00	-20.00	29.00	10.00	-10.00
423298	66.4806	151.7389	6.	13.0	-9999.	3.62	-5.00	-5.00	-5.00	34.00	-20.00	27.00	11.00	-10.00
423299	66.4642	151.7853	6.	17.0	-9999.	3.08	-5.00	-5.00	-5.00	38.00	-20.00	40.00	8.00	-10.00
423300	66.4425	151.7824	7.	23.0	-9999.	3.22	-5.00	-5.00	-5.00	38.00	-20.00	23.00	-5.00	-10.00
423301	66.3897	151.7881	7.	47.0	-9999.	.57	-5.00	-5.00	-5.00	12.00	-20.00	-15.00	-5.00	-10.00
423302	66.3536	151.7886	7.	20.0	-9999.	3.32	-5.00	-5.00	-5.00	41.00	-20.00	16.00	11.00	-10.00
423303	66.3583	151.7078	7.	25.0	-9999.	.05	-5.00	-5.00	-5.00	46.00	-20.00	25.00	8.00	-10.00
423304	66.3461	151.6561	7.	18.0	-9999.	1.10	-5.00	-5.00	-5.00	18.00	-20.00	-15.00	-5.00	-10.00
423305	66.3550	151.6083	7.	35.0	-9999.	1.77	-5.00	-5.00	-5.00	32.00	-20.00	17.00	-5.00	-10.00
423306	66.3599	151.5069	7.	43.0	-9999.	4.32	-5.00	-5.00	-5.00	34.00	-20.00	35.00	8.00	-10.00
423307	66.3450	151.4175	5.	7.0	-9999.	.97	-5.00	-5.00	-5.00	15.00	-20.00	-15.00	-5.00	-10.00
423308	66.3722	151.3725	7.	35.0	-9999.	6.60	-5.00	-5.00	-5.00	32.00	-20.00	15.00	5.00	-10.00
423311	66.3469	151.0383	5.	8.0	-9999.	2.98	-5.00	-5.00	-5.00	25.00	-20.00	20.00	7.00	-10.00
423313	66.4475	151.0619	7.	-9999.0	-9999.	2.79	-5.00	-5.00	-5.00	14.00	-20.00	16.00	29.00	-10.00
423316	66.3914	151.3039	6.	14.0	-9999.	5.42	-5.00	-5.00	-5.00	28.00	-20.00	16.00	10.00	-10.00
423317	66.3994	151.2781	6.	24.0	-9999.	2.10	-5.00	-5.00	-5.00	17.00	-20.00	-15.00	13.00	-10.00
423318	66.4043	151.3550	6.	30.0	-9999.	4.97	-5.00	-5.00	-5.00	50.00	-20.00	30.00	14.00	-10.00
423320	66.3869	151.5147	5.	7.0	-9999.	1.00	-5.00	-5.00	-5.00	24.00	-20.00	-15.00	-5.00	-10.00
423321	66.3858	151.6536	6.	21.0	-9999.	3.53	-5.00	-5.00	-5.00	13.00	-20.00	20.00	14.00	-10.00
423322	66.4086	151.6614	6.	21.0	-9999.	1.44	-5.00	-5.00	-5.00	34.00	-20.00	31.00	-5.00	-10.00
423323	66.4414	151.6961	7.	12.0	-9999.	1.08	-5.00	-5.00	-5.00	26.00	-20.00	21.00	-5.00	-10.00
423324	66.4383	151.5614	5.	12.0	-9999.	4.28	-5.00	-5.00	-5.00	24.00	-20.00	16.00	5.00	-10.00
423325	66.4436	151.4911	6.	28.0	-9999.	4.37	-5.00	-5.00	-5.00	23.00	-20.00	21.00	8.00	-10.00
423326	66.4511	151.4381	6.	12.0	-9999.	3.43	-5.00	-5.00	-5.00	20.00	-20.00	26.00	6.00	-10.00
423327	66.4369	151.3719	6.	20.0	-9999.	3.57	-5.00	-5.00	-5.00	26.00	-20.00	36.00	7.00	-10.00
423328	66.4339	151.3225	5.	9.0	-9999.	3.26	-5.00	-5.00	-5.00	31.00	-20.00	26.00	11.00	-10.00
423329	66.4650	151.2917	5.	5.0	-9999.	3.95	-5.00	-5.00	-5.00	41.00	-20.00	29.00	11.00	-10.00
423330	66.4686	151.2047	4.	12.0	-9999.	2.06	-5.00	-5.00	-5.00	43.00	-20.00	-15.00	-5.00	-10.00
423334	66.4906	151.2728	6.	9.0	-9999.	6.42	-5.00	-5.00	-5.00	21.00	-20.00	-15.00	13.00	-10.00
423335	66.4969	151.3519	6.	10.0	-9999.	3.42	-5.00	-5.00	-5.00	49.00	-20.00	41.00	13.00	-10.00
423336	66.4697	151.4408	6.	17.0	-9999.	3.41	-5.00	-5.00	-5.00	39.00	-20.00	46.00	9.00	-10.00
423337	66.5147	151.4808	6.	9.0	-9999.	3.26	-5.00	-5.00	-5.00	50.00	-20.00	53.00	13.00	-10.00
423338	66.4853	151.4017	6.	8.0	-9999.	2.60	-5.00	-5.00	-5.00	59.00	-20.00	43.00	8.00	-10.00
423339	66.4742	151.6531	7.	6.0	-9999.	3.28	-5.00	-5.00	-5.00	50.00	-20.00	51.00	12.00	-10.00
423340	66.4428	152.2997	5.	-9999.0	-9999.	2.81	-5.00	-5.00	-5.00	27.00	-20.00	25.00	7.00	-10.00
423341	66.4419	152.4561	5.	3.0	-9999.	2.97	-5.00	-5.00	-5.00	40.00	-20.00	25.00	5.00	-10.00
423342	66.4539	152.5526	7.	80.0	-9999.	2.93	-5.00	-5.00	-5.00	33.00	-20.00	34.00	9.00	-10.00
423343	66.4433	152.6372	6.	3.0	-9999.	2.42	-5.00	-5.00	-5.00	28.00	-20.00	-15.00	8.00	-10.00
423344	66.4353	152.7522	6.	56.0	-9999.	1.08	-5.00	-5.00	-5.00	29.00	-20.00	21.00	6.00	-10.00
423345	66.4519	152.8028	7.	31.0	-9999.	3.02	-5.00	-5.00	-5.00	38.00	-20.00	37.00	8.00	-10.00
423346	66.4483	152.6975	7.	51.0	-9999.	2.80	-5.00	-5.00	-5.00	32.00	-20.00	36.00	-5.00	-10.00
423347	66.4506	152.9958	6.	103.0	-9999.	2.59	-5.00	-5.00	-5.00	32.00	-20.00	26.00	6.00	-10.00
423348	66.4614	152.9222	7.	52.0	-9999.	2.94	-5.00	-5.00	-5.00	52.00	-20.00	55.00	15.00	-10.00
423349	66.4719	152.9064	6.	69.0	-9999.	3.05	-5.00	-5.00	-5.00	44.00	-20.00	32.00	-5.00	-10.00
423350	66.4875	152.8683	7.	70.0	-9999.	2.09	-5.00	-5.00	-5.00	46.00	-20.00	31.00	10.00	-10.00
423351	66.5031	152.8747	7.	65.0	-9999.	3.65	-5.00	-5.00	-5.00	39.00	-20.00	31.00	10.00	-10.00
423352	66.5081	152.7411	8.	103.0	-9999.	3.60	-5.00	-5.00	-5.00	57.00	-20.00	40.00	10.00	-10.00
423353	66.4842	152.7003	7.	57.0	-9999.	2.65	-5.00	-5.00	-5.00	41.00	-20.00	26.00	8.00	-10.00
423354	66.4958	152.5978	7.	38.0	-9999.	3.07	-5.00	-5.00	-5.00	29.00	-20.00	19.00	-5.00	-10.00

BITTLES LAKE SEDIMENT

PG. TWO - SAMPLE SET 5

SAMPLE NO.	AS PPM	SE PPM	ZP PPM	MO PPM	RE PPM	LI PPM	AL PPM	SI PPM	QA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423296	6.00	-5.00	38.00	-9999.00	-9999.00	-9999.00	11940.00	-14	-171.00	-2850.00	-11.00	-85.00	-3.00
423297	14.00	-5.00	105.00	-9999.00	-9999.00	-9999.00	61770.00	-12	958.00	11660.00	55.00	-119.00	14.70
423298	7.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	50990.00	-10	935.00	10810.00	74.00	-104.00	18.70
423299	12.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	72770.00	-13	1042.00	9524.00	79.00	-102.00	18.90
423300	13.00	-5.00	166.00	-9999.00	-9999.00	-9999.00	58560.00	-11	717.00	11800.00	67.00	-94.00	10.50
423301	15.00	-5.00	22.00	-9999.00	-9999.00	-9999.00	4044.00	-11	-206.00	4674.00	-8.00	324.00	12.50
423302	10.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	74020.00	-11	1173.00	9351.00	82.00	-112.00	21.10
423303	17.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	72970.00	-13	1148.00	10080.00	81.00	-94.00	16.10
423304	5.00	-5.00	25.00	-9999.00	-9999.00	-9999.00	8527.00	-12	-145.00	14150.00	-9.00	277.00	-2.40
423305	21.00	-5.00	37.00	-9999.00	-9999.00	-9999.00	18490.00	-09	414.00	10490.00	20.00	275.00	11.40
423306	12.00	-5.00	138.00	-9999.00	-9999.00	-9999.00	84990.00	-09	1421.00	21920.00	118.00	-129.00	19.30
423307	-5.00	-5.00	17.00	-9999.00	-9999.00	-9999.00	4714.00	-19	-226.00	-2657.00	-14.00	-72.00	-3.90
423308	-5.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	61340.00	-10	1195.00	15570.00	72.00	-112.00	12.70
423311	-5.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	52490.00	-12	721.00	-784.00	61.00	-101.00	6.70
423313	-5.00	-5.00	22.00	-9999.00	-9999.00	-9999.00	14310.00	-12	-767.00	-1835.00	-9.00	400.00	-2.40
423316	-5.00	-5.00	142.00	-9999.00	-9999.00	-9999.00	69960.00	-10	1062.00	9373.00	94.00	-90.00	8.20
423317	10.00	-5.00	49.00	-9999.00	-9999.00	-9999.00	25030.00	-13	639.00	-1494.00	57.00	737.00	16.80
423318	24.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	78910.00	-17	1295.00	10960.00	92.00	-93.00	15.80
423320	-5.00	-5.00	34.00	-9999.00	-9999.00	-9999.00	13540.00	-15	-171.00	-1531.00	-12.00	278.00	-2.90
423321	-5.00	-5.00	147.00	-9999.00	-9999.00	-9999.00	63990.00	-09	996.00	15450.00	74.00	-104.00	9.00
423322	15.00	-5.00	47.00	-9999.00	-9999.00	-9999.00	28370.00	-12	737.00	15990.00	37.00	713.00	20.40
423323	9.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	33200.00	-13	530.00	10410.00	45.00	-124.00	12.10
423324	9.00	-5.00	147.00	-9999.00	-9999.00	-9999.00	6490.00	-11	960.00	10740.00	83.00	-101.00	11.80
423325	9.00	-5.00	122.00	-9999.00	-9999.00	-9999.00	68150.00	-11	864.00	8533.00	67.00	-95.00	11.30
423326	8.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	67090.00	-09	911.00	10630.00	78.00	-91.00	15.00
423327	11.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	70980.00	-11	1124.00	9608.00	90.00	-107.00	19.70
423328	6.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	64040.00	-14	998.00	7190.00	76.00	-110.00	10.40
423329	9.00	-5.00	99.00	-9999.00	-9999.00	-9999.00	70240.00	-14	997.00	-1050.00	81.00	-104.00	15.20
423330	5.00	-5.00	34.00	-9999.00	-9999.00	-9999.00	16660.00	-14	-172.00	7506.00	79.00	-85.00	11.60
423334	-5.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	72860.00	-12	1053.00	10590.00	86.00	-113.00	16.10
423335	18.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	75570.00	-11	1067.00	8416.00	89.00	-86.00	29.20
423336	17.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	73890.00	-11	1026.00	9138.00	90.00	-104.00	29.00
423337	6.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	6940.00	-14	991.00	7239.00	59.00	-94.00	27.40
423338	16.00	-5.00	63.00	-9999.00	-9999.00	-9999.00	49640.00	-14	483.00	-1259.00	54.00	322.00	28.60
423339	15.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	58590.00	-11	1026.00	8543.00	80.00	161.00	30.00
423340	-5.00	-5.00	117.00	-9999.00	-9999.00	-9999.00	63049.00	-12	875.00	-1131.00	64.00	-104.00	13.10
423341	10.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	62390.00	-11	864.00	10590.00	90.00	-94.00	13.30
423342	5.00	-5.00	147.00	-9999.00	-9999.00	-9999.00	75280.00	-11	727.00	6951.00	70.00	-102.00	20.70
423343	-5.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	55180.00	-11	412.00	6793.00	62.00	-103.00	7.50
423344	8.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	47380.00	-13	738.00	8753.00	61.00	-134.00	14.80
423345	7.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	76909.00	-13	821.00	8055.00	79.00	-97.00	19.00
423346	13.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	67490.00	-13	688.00	7578.00	65.00	-97.00	18.30
423347	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	66010.00	-10	843.00	5504.00	79.00	-80.00	12.80
423348	21.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	78630.00	-14	987.00	12780.00	59.00	-138.00	22.50
423349	23.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	91040.00	-15	636.00	8318.00	89.00	-121.00	10.80
423350	13.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	83800.00	-12	725.00	-807.00	74.00	-96.00	15.80
423351	9.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	4120.00	-12	878.00	12350.00	72.00	-108.00	23.80
423352	15.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	93370.00	-14	1070.00	10170.00	73.00	-144.00	27.90
423353	16.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	75490.00	-13	1002.00	6591.00	95.00	-106.00	18.80
423354	12.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	76520.00	-12	904.00	8631.00	84.00	-99.00	19.80

REFILES LAKE SEDIMENT

PC. THREE - SAMPLE SET

5

SAMPLE NO.	CP PPM	CS PPM	DT PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MC PPM	PM PPM	RA PPM	RR PPM
423296	-17.00	-2.60	-1.00	-1.50	-1576.00	-1.90	-2123.00	-12.00	-1.20	-1641.00	63.00	1647.00	-54.00
423297	43.00	-2.50	7.00	1.10	25570.00	3.80	17240.00	31.00	.30	7823.00	336.00	10650.00	-47.00
423298	83.00	-2.10	6.00	1.40	32520.00	5.90	11920.00	37.00	.50	8081.00	328.00	10020.00	-38.00
423299	94.00	4.50	6.00	1.50	37190.00	6.00	16270.00	33.00	.40	7461.00	372.00	10330.00	-41.00
423300	82.00	-2.20	5.00	1.10	27110.00	4.30	8741.00	34.00	.30	5348.00	241.00	10250.00	-41.00
423301	-15.00	-2.00	-1.00	-1.40	15320.00	-1.50	-4233.00	-11.00	-1.20	-1827.00	523.00	947.00	-48.00
423302	98.00	5.10	6.00	1.70	41340.00	6.10	13350.00	39.00	.40	8946.00	500.00	10430.00	70.00
423303	92.00	4.40	5.00	1.20	35840.00	5.60	13120.00	40.00	.30	9405.00	265.00	9681.00	-43.00
423304	-15.00	-2.30	-1.00	-1.40	4597.00	-1.50	-2848.00	-11.00	-1.20	-1527.00	158.00	1068.00	-49.00
423305	25.00	-1.90	-1.00	-1.30	14220.00	-1.20	-3066.00	-7.00	-1.10	-1478.00	375.00	2147.00	-38.00
423306	62.00	3.10	3.00	1.60	31620.00	4.80	-3761.00	66.00	.40	8312.00	486.00	15990.00	-40.00
423307	-22.00	-3.00	-2.00	-1.70	-2254.00	-2.40	-2592.00	-16.00	-1.30	-945.00	53.00	353.00	-47.00
423308	54.00	-2.00	3.00	1.40	22740.00	3.40	4035.00	37.00	.30	-2138.00	470.00	12320.00	-38.00
423311	60.00	5.40	4.00	.80	15550.00	4.60	9438.00	25.00	-1.20	3998.00	160.00	8001.00	-44.00
423313	-16.00	-2.20	2.00	-1.50	-1402.00	-1.60	-2829.00	-11.00	-1.20	-1657.00	98.00	1837.00	-49.00
423316	78.00	4.50	5.00	1.30	24340.00	5.90	12340.00	43.00	.30	4723.00	151.00	10760.00	-36.00
423317	-16.00	-2.60	2.00	-1.50	18830.00	-1.70	-4722.00	-10.00	-1.20	-2446.00	615.00	4646.00	-57.00
423318	96.00	5.80	5.00	1.30	45310.00	3.70	13340.00	46.00	.30	6887.00	425.00	8444.00	67.00
423320	-19.00	-2.90	2.00	-1.50	-1566.00	-2.00	-2769.00	-13.00	-1.20	-1429.00	114.00	654.00	-54.00
423321	72.00	3.50	4.00	1.10	25920.00	4.40	11700.00	35.00	-1.10	5473.00	370.00	14350.00	-34.00
423322	45.00	-2.50	3.00	1.20	21470.00	-1.60	-3100.00	-10.00	-1.10	4792.00	272.00	2920.00	-52.00
423323	68.00	-2.60	3.00	.90	17080.00	-1.50	-4468.00	-11.00	-1.20	-2302.00	431.00	4458.00	-59.00
423324	91.00	5.40	5.00	1.30	30110.00	4.60	15690.00	32.00	.30	7419.00	414.00	11490.00	-38.00
423325	66.00	6.90	4.00	1.40	29530.00	4.60	12570.00	28.00	.30	8206.00	279.00	10010.00	-41.00
423326	90.00	4.10	6.00	1.60	35080.00	5.80	13920.00	34.00	.30	7623.00	414.00	11580.00	68.00
423327	90.00	5.10	6.00	1.60	41920.00	6.50	12230.00	39.00	.30	9552.00	346.00	10340.00	-41.00
423328	80.00	4.50	5.00	1.20	26930.00	5.10	11990.00	30.00	.50	8730.00	279.00	9011.00	-47.00
423329	100.00	-3.00	5.00	1.50	33500.00	3.40	8613.00	44.00	-1.20	5576.00	299.00	7277.00	-54.00
423330	-19.00	-2.90	-1.00	-1.50	7078.00	-2.00	-3345.00	-12.00	-1.20	-1779.00	128.00	1344.00	-60.00
423334	100.00	7.90	5.00	1.30	31130.00	5.20	14130.00	47.00	.30	8627.00	429.00	10770.00	-44.00
423335	112.00	5.10	7.00	1.60	53830.00	4.70	12770.00	45.00	.30	10760.00	394.00	7396.00	-45.00
423336	124.00	5.80	6.00	1.70	44130.00	5.20	12490.00	41.00	.40	9630.00	475.00	9329.00	27.00
423337	99.00	6.70	6.00	1.30	32780.00	2.90	14640.00	38.00	.30	8862.00	427.00	6410.00	119.00
423338	76.00	4.20	5.00	1.40	31570.00	-1.90	-3757.00	27.00	.40	4922.00	368.00	4321.00	-54.00
423339	103.00	6.60	6.00	1.50	36100.00	3.40	13400.00	34.00	.20	6412.00	544.00	6423.00	-43.00
423340	83.00	3.90	5.00	1.20	25910.00	4.50	11720.00	31.00	.30	6239.00	240.00	6220.00	70.00
423341	99.00	-2.20	6.00	1.40	29790.00	5.50	15200.00	36.00	.30	10250.00	355.00	10950.00	-38.00
423342	84.00	3.70	5.00	1.20	42650.00	5.00	12410.00	21.00	.30	12140.00	519.00	11010.00	-45.00
423343	77.00	2.80	6.00	1.10	18420.00	4.10	11400.00	30.00	-1.10	5865.00	209.00	8148.00	-41.00
423344	70.00	-2.80	5.00	.90	25450.00	4.10	9537.00	14.00	.30	6467.00	347.00	7433.00	-52.00
423345	94.00	5.80	5.00	1.50	40340.00	4.40	15360.00	43.00	.50	10560.00	355.00	9742.00	-45.00
423346	72.00	4.90	5.00	1.40	42420.00	4.70	11480.00	37.00	.50	8449.00	543.00	11120.00	-41.00
423347	99.00	5.80	6.00	1.40	32750.00	6.70	14590.00	32.00	.40	8841.00	275.00	9393.00	-34.00
423348	104.00	6.30	6.00	1.30	58550.00	5.20	19730.00	29.00	.40	11500.00	1064.00	8335.00	95.00
423349	107.00	4.40	6.00	1.30	64180.00	4.00	23150.00	30.00	.50	14270.00	1157.00	8205.00	-57.00
423350	96.00	5.60	6.00	1.40	40140.00	7.20	26910.00	39.00	.40	11490.00	342.00	9558.00	-44.00
423351	115.00	5.30	5.00	1.50	45220.00	5.20	23360.00	33.00	.40	13440.00	695.00	9110.00	103.00
423352	123.00	8.60	7.00	1.70	50800.00	5.50	26000.00	36.00	.40	14110.00	649.00	8392.00	145.00
423353	119.00	5.60	6.00	1.40	44440.00	6.60	14540.00	45.00	.40	10190.00	422.00	9729.00	90.00
423354	103.00	4.00	6.00	1.40	42990.00	5.70	17150.00	34.00	.40	10870.00	403.00	10950.00	-44.00

RETTLES LAKE SEDIMENT

PC. FORM - SAMPLE SET

5

SAMPLE NO.	SA PPM	SC PPM	SM PPM	SP PPM	TA PPM	TR PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	THIU RATIO
423294	-3.00	3.20	-1.10	-277.00	-3.00	-1.00	-2.00	1072.00	20.00	-2.70	-94.00	0.00000
423297	-3.00	11.90	3.70	-288.00	-3.00	-1.00	9.00	4941.00	134.00	-2.70	-72.00	2.69500
423298	-3.00	13.40	5.90	-239.00	-2.00	-1.00	9.70	4924.00	119.00	3.70	-94.00	2.68100
423299	-3.00	15.10	6.60	-278.00	-2.00	-1.00	11.20	5421.00	137.00	3.10	103.00	3.43400
423300	-3.00	12.80	3.40	-238.00	-1.00	-1.00	8.00	4125.00	105.00	3.00	-61.00	2.48100
423301	-3.00	1.40	-1.80	-374.00	-3.00	-1.00	-1.70	-9999.00	20.00	-2.10	-61.00	0.00000
423302	-3.00	16.60	6.70	-269.00	-2.00	-1.00	12.10	4922.00	147.00	3.40	124.00	3.65000
423303	-3.00	14.60	6.20	-258.00	-2.00	-1.00	10.50	4528.00	134.00	4.30	-59.00	2.61400
423304	-3.00	2.10	-1.90	-262.00	-3.00	-1.00	-1.80	-9999.00	22.00	-2.30	-76.00	0.00000
423305	-2.00	4.20	2.50	-259.00	-2.00	-1.00	3.30	1241.00	38.00	-1.70	-59.00	1.06400
423306	-3.00	11.70	5.80	-275.00	-2.00	-1.00	15.20	3096.00	90.00	-1.50	124.00	3.52100
423307	-4.00	1.10	-1.40	-262.00	-4.00	-1.00	-2.80	-9999.00	-6.00	-3.40	-117.00	0.00000
423308	-3.00	10.10	7.30	-290.00	-1.00	-1.00	8.40	3278.00	69.00	2.80	-57.00	1.40100
423311	-2.00	10.00	3.90	-252.00	-2.00	-1.00	9.10	2757.00	83.00	-2.20	-17.00	2.71700
423313	-3.00	2.00	-1.00	-224.00	-3.00	-1.00	4.20	-9999.00	-6.00	-2.30	-99.00	1.50600
423316	-3.00	12.40	5.90	-204.00	-1.00	-1.00	12.80	3957.00	103.00	4.30	-63.00	2.36400
423317	-3.00	4.00	2.20	-409.00	-4.00	-1.00	4.50	1554.00	40.00	-2.50	-85.00	2.18800
423318	-3.00	17.20	6.20	-258.00	-1.00	-1.00	17.00	4425.00	159.00	-2.10	104.00	3.42500
423320	-3.00	4.20	2.70	-246.00	-4.00	-1.00	-2.30	-9999.00	24.00	-2.80	-74.00	0.00000
423321	-2.00	11.20	5.20	-278.00	-1.00	-1.00	9.00	3712.00	98.00	4.00	-48.00	2.55100
423322	-3.00	6.10	4.20	-254.00	-3.00	-1.00	-1.50	1551.00	63.00	-2.10	-117.00	0.00000
423323	-3.00	7.40	3.60	-344.00	-2.00	-1.00	7.20	1503.00	74.00	-2.30	-65.00	3.63400
423324	-3.00	17.10	5.50	-279.00	-2.00	-1.00	11.50	4370.00	114.00	2.70	-123.00	2.68800
423325	-3.00	14.40	4.00	-218.00	-2.00	-1.00	8.90	4661.00	136.00	2.80	-63.00	1.83700
423326	-2.00	13.40	5.60	-232.00	-2.00	-1.00	11.80	4479.00	130.00	4.40	135.00	3.43100
423327	-3.00	15.50	6.10	-251.00	-2.00	-1.00	12.60	4895.00	134.00	3.40	-110.00	3.35600
423328	-4.00	12.40	5.10	-293.00	-2.00	-1.00	10.10	4079.00	125.00	-2.30	-110.00	3.09600
423329	-4.00	15.60	4.20	-240.00	-2.00	-1.00	12.00	3204.00	154.00	-2.60	-78.00	3.04000
423330	-4.00	4.60	3.80	-283.00	-4.00	-1.00	5.70	-9999.00	42.00	-2.80	-123.00	2.77000
423334	-3.00	14.50	4.50	-283.00	-3.00	-1.00	15.40	3721.00	326.00	3.60	-67.00	2.39800
423335	-3.00	18.20	7.80	-276.00	-2.00	-1.00	14.30	4762.00	173.00	6.20	179.00	4.18400
423336	-3.00	17.20	7.40	-257.00	-2.00	-1.00	13.10	4919.00	157.00	4.70	-151.00	3.84600
423337	-4.00	16.30	6.90	-307.00	-2.00	-1.00	10.90	3909.00	147.00	3.80	-50.00	3.34400
423338	-4.00	12.00	4.50	-299.00	-2.00	-1.00	8.60	2255.00	125.00	-2.30	267.00	3.31100
423339	-3.00	13.80	5.50	-261.00	-2.00	-1.00	10.20	3552.00	135.00	2.60	221.00	3.10800
423340	-3.00	13.60	5.30	-249.00	-2.00	-1.00	8.20	4235.00	140.00	3.80	169.00	2.91500
423341	-3.00	14.10	6.50	-258.00	-2.00	-1.00	9.70	4954.00	132.00	2.60	62.00	3.26800
423342	-3.00	15.40	5.60	-272.00	-2.00	-1.00	10.40	5013.00	159.00	-2.00	-63.00	3.54600
423343	-3.00	11.40	4.80	-224.00	-2.00	-1.00	8.50	4263.00	108.00	-2.00	-74.00	3.50900
423344	-4.00	10.40	3.70	-328.00	-3.00	-1.00	6.70	3502.00	103.00	-2.40	147.00	3.37800
423345	-3.00	17.50	6.60	-269.00	-2.00	-1.00	10.40	4719.00	151.00	3.80	-176.00	3.44800
423346	-3.00	15.70	5.00	-258.00	-2.00	-1.00	9.00	4880.00	135.00	3.90	-54.00	3.21500
423347	-3.00	15.90	-1.00	-191.00	-2.00	-1.00	10.10	4946.00	146.00	3.20	94.00	3.90800
423348	-4.00	19.40	5.50	-402.00	-3.00	-1.00	10.30	5102.00	191.00	-2.40	115.00	3.48400
423349	-4.00	18.90	6.20	-472.00	-2.00	-1.00	9.50	4998.00	199.00	6.20	188.00	3.11500
423350	-3.00	19.50	5.20	-249.00	-2.00	-1.00	9.30	5007.00	197.00	4.30	-66.00	3.10600
423351	-3.00	19.20	6.30	-298.00	-3.00	-1.00	11.10	5019.00	170.00	-2.00	-119.00	3.63400
423352	-5.00	24.90	6.00	-415.00	-2.00	-1.00	10.20	6039.00	279.00	3.90	-106.00	2.82300
423353	-4.00	17.10	7.10	-299.00	-2.00	-1.00	10.50	5179.00	154.00	3.90	-62.00	3.55000
423354	-3.00	17.00	5.20	-256.00	-2.00	-1.00	13.10	4547.00	165.00	4.80	-58.00	4.32900

NETTLES LAKE SEDIMENT

PG. ONE - SAMPLE SFT 6

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
423352	66.4872	152.5108	7.	121.0	-9999.	2.90	-5.00	-5.00	-5.00	34.00	-20.00	37.00	17.00	-10.00	-15.00
423356	66.4914	152.4450	7.	33.0	-9999.	2.66	-5.00	-5.00	-5.00	27.00	-20.00	39.00	13.00	-10.00	-15.00
423357	66.4833	152.3269	7.	40.0	-9999.	2.19	-5.00	-5.00	-5.00	39.00	-20.00	49.00	7.00	-10.00	-15.00
423359	66.4778	152.2097	7.	21.0	-9999.	2.09	-5.00	-5.00	-5.00	37.00	-20.00	22.00	6.00	-10.00	-15.00
423360	66.4943	152.1200	7.	35.0	-9999.	2.92	-5.00	-5.00	-5.00	29.00	-20.00	39.00	-5.00	-10.00	-15.00
423361	66.4943	152.1200	7.	9.0	-9999.	2.90	-5.00	-5.00	-5.00	67.00	-20.00	41.00	15.00	-10.00	-15.00
423361	66.4725	152.1117	7.	17.0	-9999.	1.37	-5.00	-5.00	-5.00	49.00	-20.00	23.00	-5.00	-10.00	-15.00
423364	66.1853	150.2278	7.	25.0	-9999.	2.84	-5.00	-5.00	-5.00	39.00	-20.00	27.00	14.00	-10.00	-15.00
423370	66.0239	150.1972	6.	60.0	-9999.	8.15	-5.00	5.00	-5.00	26.00	-20.00	-15.00	-5.00	-10.00	-15.00
423371	66.0075	150.1423	6.	78.0	-9999.	5.94	-5.00	-5.00	-5.00	45.00	-20.00	39.00	9.00	-10.00	-15.00
423372	66.0389	150.1519	6.	12.0	-9999.	.48	-5.00	-5.00	-5.00	40.00	-20.00	-15.00	-5.00	-10.00	-15.00
423373	66.0703	150.1125	6.	33.0	-9999.	3.37	-5.00	-5.00	-5.00	24.00	-20.00	22.00	10.00	-10.00	-15.00
423374	66.0972	150.1279	6.	23.0	-9999.	3.08	-5.00	-5.00	-5.00	26.00	-20.00	28.00	10.00	-10.00	-15.00
423375	66.0914	150.1608	6.	11.0	-9999.	1.25	-5.00	-5.00	-5.00	33.00	-20.00	17.00	-5.00	-10.00	-15.00
423376	66.1600	150.1756	6.	18.0	-9999.	3.11	-5.00	-5.00	-5.00	59.00	-20.00	29.00	9.00	-10.00	-15.00
423379	66.1781	150.6156	7.	42.0	-9999.	11.81	-5.00	-5.00	-5.00	18.00	-20.00	32.00	7.00	-10.00	-15.00
423391	66.1442	150.0039	7.	32.0	-9999.	3.47	-5.00	-5.00	-5.00	48.00	-20.00	30.00	10.00	-10.00	-15.00
423394	66.0039	150.0433	7.	387.0	-9999.	5.75	-5.00	5.00	-5.00	33.00	-20.00	17.00	14.00	-10.00	-15.00
423413	66.0708	151.7275	7.	4.0	-9999.	3.08	-5.00	5.00	-5.00	45.00	-20.00	68.00	9.00	-10.00	-15.00
423416	66.0558	151.8256	7.	35.0	-9999.	3.41	-5.00	-5.00	-5.00	59.00	-20.00	139.00	-5.00	-10.00	-15.00
423417	66.0436	151.8814	7.	35.0	-9999.	2.87	-5.00	6.00	-5.00	37.00	-20.00	188.00	5.00	-10.00	-15.00
423418	66.0149	151.9281	7.	19.0	-9999.	3.59	-5.00	-5.00	-5.00	50.00	-20.00	56.00	5.00	-10.00	-15.00
423419	66.0194	152.0333	7.	30.0	-9999.	3.67	-5.00	5.00	-5.00	34.00	-20.00	28.00	-4.00	-10.00	-15.00
423420	66.0164	152.0963	7.	56.0	-9999.	7.16	-5.00	-5.00	-5.00	26.00	-20.00	66.00	-5.00	-10.00	-15.00
423421	66.0150	152.1536	7.	20.0	-9999.	3.34	-5.00	-5.00	-5.00	36.00	-20.00	42.00	9.00	-10.00	-15.00
423422	66.0028	152.2228	7.	9.0	-9999.	.81	-5.00	-5.00	-5.00	30.00	-20.00	29.00	-5.00	-10.00	-15.00
423424	66.0319	152.4158	7.	71.0	-9999.	3.24	-5.00	-5.00	-5.00	31.00	-20.00	26.00	8.00	-10.00	-15.00
423425	66.0231	151.2722	7.	15.0	-9999.	11.79	-5.00	6.00	-5.00	30.00	-20.00	18.00	-5.00	-10.00	-15.00
423426	66.0017	151.2764	7.	9.0	-9999.	7.36	-5.00	11.00	-5.00	33.00	-20.00	17.00	-5.00	-10.00	-15.00
423431	66.0131	150.6950	7.	54.0	-9999.	3.30	-5.00	-5.00	-5.00	50.00	-20.00	47.00	13.00	-10.00	-15.00
423432	66.0149	150.6572	7.	52.0	-9999.	3.59	-5.00	-5.00	-5.00	136.00	-20.00	55.00	14.00	-10.00	-15.00
423433	66.0181	150.9722	6.	26.0	-9999.	2.75	-5.00	-5.00	-5.00	33.00	-20.00	33.00	9.00	-10.00	-15.00
423434	66.0081	150.5303	7.	78.0	-9999.	7.28	-5.00	-5.00	-5.00	33.00	-20.00	27.00	13.00	-10.00	-15.00
423435	66.0467	150.4819	7.	29.0	-9999.	3.50	-5.00	5.00	-5.00	33.00	-20.00	41.00	10.00	-10.00	-15.00
423437	66.0172	150.3339	7.	46.0	-9999.	7.72	-5.00	-5.00	-5.00	45.00	-20.00	47.00	22.00	-10.00	-15.00
423438	66.0056	150.3119	7.	33.0	-9999.	5.76	-5.00	8.00	-5.00	29.00	-20.00	41.00	9.00	-10.00	-15.00
423440	66.6759	150.7414	6.	18.0	-9999.	13.14	-5.00	6.00	-5.00	27.00	-20.00	23.00	13.00	-10.00	-15.00
423441	66.6772	150.8164	6.	10.0	-9999.	5.53	-5.00	-5.00	-5.00	44.00	-20.00	43.00	9.00	-10.00	-15.00
423442	66.6644	150.8497	6.	9.0	-9999.	3.32	-5.00	-5.00	-5.00	29.00	-20.00	26.00	10.00	-10.00	-15.00
423443	66.6661	150.9731	5.	5.0	-9999.	3.39	-5.00	5.00	-5.00	44.00	-20.00	31.00	6.00	-10.00	-15.00
423444	66.6278	150.9731	7.	45.0	-9999.	4.51	-5.00	-5.00	-5.00	36.00	-20.00	36.00	13.00	-10.00	-15.00
423445	66.6214	150.9397	6.	6.0	-9999.	3.51	-5.00	-5.00	-5.00	67.00	-20.00	45.00	9.00	-10.00	-15.00
423446	66.6161	151.0553	5.	3.0	-9999.	2.57	-5.00	-5.00	-5.00	29.00	-20.00	-15.00	7.00	-10.00	-15.00
423447	66.5739	151.1672	5.	5.0	-9999.	4.48	-5.00	6.00	-5.00	35.00	-20.00	28.00	8.00	-10.00	-15.00
423448	66.5789	151.1644	7.	9.0	-9999.	3.08	-5.00	6.00	-5.00	48.00	-20.00	32.00	21.00	-10.00	-15.00
423449	66.5772	151.2139	6.	12.0	-9999.	3.20	-5.00	-5.00	-5.00	51.00	-20.00	64.00	10.00	-10.00	-15.00
423450	66.5428	151.1744	5.	5.0	-9999.	3.55	-5.00	-5.00	-5.00	40.00	-20.00	38.00	12.00	-10.00	-15.00
423451	66.5422	151.2239	7.	5.0	-9999.	1.41	-5.00	-5.00	-5.00	35.00	-20.00	-15.00	-5.00	-10.00	-15.00
423452	66.5375	151.2636	6.	4.0	-9999.	2.27	-5.00	6.00	-5.00	49.00	-20.00	36.00	7.00	-10.00	-15.00
423453	66.5397	151.3204	6.	6.0	-9999.	2.70	-5.00	-5.00	-5.00	64.00	-20.00	44.00	11.00	-10.00	-15.00

RETTLES LAKE SEDIMENT

PG. TWO - SAMPLE SFT 6

SAMPLE NO.	AS PPM	SE PPM	ZP PPM	NO PPM	PI PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423351	9.00	-5.00	158.00	-9999.00	-9999.00	-9999.00	67140.00	-0.09	896.00	11720.00	73.00	-93.00	17.00
423356	-5.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	68780.00	-0.12	312.00	7840.00	72.00	-130.00	16.20
423357	12.00	-5.00	44.00	-9999.00	-9999.00	-9999.00	35170.00	-0.17	-266.00	6173.00	39.00	-114.00	19.00
423358	8.00	-5.00	76.00	-9999.00	-9999.00	-9999.00	31760.00	-0.13	598.00	12140.00	50.00	-109.00	11.70
423359	16.00	-5.00	122.00	-9999.00	-9999.00	-9999.00	58910.00	-0.11	442.00	12690.00	63.00	-103.00	14.20
423360	14.00	-5.00	81.00	-9999.00	-9999.00	-9999.00	53600.00	-0.12	769.00	9107.00	60.00	-250.00	21.70
423361	8.00	-5.00	39.00	-9999.00	-9999.00	-9999.00	19300.00	-0.14	-224.00	11130.00	32.00	-235.00	11.70
423364	9.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	64630.00	-0.10	1027.00	9754.00	66.00	-112.00	19.00
423370	25.00	-5.00	176.00	-9999.00	-9999.00	-9999.00	62430.00	-0.09	764.00	11170.00	64.00	-94.00	14.00
423371	11.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	75020.00	-0.12	1274.00	12040.00	60.00	-103.00	12.50
423372	6.00	-5.00	20.00	-9999.00	-9999.00	-9999.00	4167.00	-0.10	-121.00	11030.00	-7.00	-267.00	-2.20
423373	6.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	65930.00	-0.11	1122.00	10300.00	75.00	-93.00	13.90
423374	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	68040.00	-0.10	824.00	10560.00	74.00	-97.00	16.20
423375	6.00	-5.00	43.00	-9999.00	-9999.00	-9999.00	17740.00	-0.16	395.00	15540.00	-12.00	-121.00	8.00
423376	8.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	36810.00	-0.14	906.00	11360.00	52.00	-144.00	12.50
423379	18.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	61950.00	-0.09	994.00	10150.00	98.00	-94.00	16.90
423381	5.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	67320.00	-0.10	1197.00	10090.00	78.00	-106.00	19.70
423384	10.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	64400.00	-0.10	926.00	11230.00	71.00	-96.00	21.90
423413	10.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	49200.00	-0.13	671.00	-1267.00	54.00	-264.00	12.30
423416	18.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	68740.00	-0.10	979.00	9154.00	65.00	-104.00	30.90
423417	8.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	52390.00	-0.14	600.00	11420.00	70.00	-104.00	19.10
423418	11.00	-5.00	178.00	-9999.00	-9999.00	-9999.00	52520.00	-0.14	913.00	9537.00	55.00	-121.00	13.90
423419	11.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	44900.00	-0.12	673.00	-1370.00	66.00	-149.00	15.30
423420	13.00	-5.00	75.00	-9999.00	-9999.00	-9999.00	27160.00	-0.14	527.00	12560.00	25.00	-137.00	11.90
423421	6.00	-5.00	274.00	-9999.00	-9999.00	-9999.00	40190.00	-0.09	998.00	13340.00	102.00	-91.00	15.00
423422	11.00	-5.00	35.00	-9999.00	-9999.00	-9999.00	13010.00	-0.12	549.00	10410.00	27.00	-309.00	10.30
423424	11.00	-5.00	242.00	-9999.00	-9999.00	-9999.00	57470.00	-0.10	859.00	11800.00	79.00	-114.00	16.40
423425	9.00	-5.00	30.00	-9999.00	-9999.00	-9999.00	12630.00	-0.10	171.00	9651.00	123.00	-362.00	7.90
423426	12.00	-5.00	37.00	-9999.00	-9999.00	-9999.00	11030.00	-0.16	-208.00	12650.00	128.00	-88.00	-3.30
423431	16.00	-5.00	165.00	-9999.00	-9999.00	-9999.00	67810.00	-0.10	1112.00	15190.00	74.00	-95.00	20.00
423432	28.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	69190.00	-0.12	1225.00	13630.00	71.00	-104.00	28.00
423433	9.00	-5.00	191.00	-9999.00	-9999.00	-9999.00	58500.00	-0.10	869.00	15920.00	79.00	-94.00	14.10
423434	5.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	62190.00	-0.12	647.00	10510.00	64.00	-109.00	11.00
423435	11.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	56580.00	-0.09	1012.00	13320.00	75.00	-95.00	23.30
423437	7.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	66040.00	-0.11	1151.00	16590.00	66.00	-101.00	14.80
423438	9.00	-5.00	235.00	-9999.00	-9999.00	-9999.00	59070.00	-0.09	805.00	12370.00	85.00	-91.00	12.40
423440	8.00	-5.00	210.00	-9999.00	-9999.00	-9999.00	65840.00	-0.12	895.00	9923.00	111.00	-107.00	19.40
423441	17.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	66390.00	-0.12	1147.00	6371.00	85.00	-110.00	20.40
423442	15.00	-5.00	189.00	-9999.00	-9999.00	-9999.00	68660.00	-0.13	1062.00	8141.00	96.00	-98.00	18.40
423443	10.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	73690.00	-0.14	757.00	-1045.00	85.00	-109.00	15.10
423444	10.00	-5.00	194.00	-9999.00	-9999.00	-9999.00	73430.00	-0.11	932.00	9644.00	85.00	-107.00	19.30
423445	18.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	67110.00	-0.14	944.00	-1411.00	70.00	-198.00	27.00
423446	5.00	-5.00	134.00	-9999.00	-9999.00	-9999.00	45980.00	-0.13	983.00	-1070.00	61.00	-101.00	-1.80
423447	21.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	75420.00	-0.12	1079.00	9057.00	86.00	-99.00	19.20
423448	7.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	73390.00	-0.11	970.00	9461.00	73.00	-90.00	25.90
423449	15.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	63110.00	-0.11	984.00	7920.00	61.00	-116.00	21.90
423450	9.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	69370.00	-0.12	944.00	10490.00	88.00	-97.00	11.10
423451	512.00	-5.00	58.00	-9999.00	-9999.00	-9999.00	26390.00	-0.12	947.00	11740.00	41.00	-90.00	22.90
423452	15.00	-5.00	75.00	-9999.00	-9999.00	-9999.00	40040.00	-0.13	870.00	7440.00	34.00	-293.00	18.70
423453	23.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	56390.00	-0.11	930.00	10090.00	68.00	-214.00	27.90

BETTLES LAKE SEDIMENT

PG. THREE - SAMPLE SET

8

SAMPLE NO.	CR PPM	CS PPM	DT PPM	FU PPM	FE PPM	MF PPM	N PPM	LA PPM	LU PPM	MC PPM	MM PPM	NA PPM	RB PPM
423355	96.00	4.00	6.00	1.30	39830.00	5.70	12030.00	37.00	.40	10030.00	520.00	10770.00	67.00
423356	92.00	5.00	5.00	1.50	31960.00	5.50	9493.00	39.00	.40	7994.00	393.00	9094.00	-47.00
423357	79.00	-3.30	3.00	1.00	23160.00	-2.20	-5160.00	-12.00	-.20	4762.00	685.00	3128.00	-22.00
423358	45.00	-2.60	3.00	-.40	19180.00	-1.70	-4300.00	-9.00	-.20	-2116.00	524.00	5024.00	-50.00
423359	89.00	5.40	6.00	1.20	31290.00	5.50	14440.00	36.00	.40	8632.00	455.00	7997.00	-45.00
423360	98.00	4.90	6.00	1.40	29900.00	3.20	10430.00	29.00	.30	5995.00	349.00	5091.00	-47.00
423361	46.00	-2.70	7.00	.70	13760.00	-1.80	-4326.00	-10.00	-.20	-2039.00	445.00	1873.00	-52.00
423364	98.00	3.30	6.00	1.30	37410.00	6.20	10930.00	36.00	.30	7726.00	553.00	9943.00	-40.00
423370	86.00	4.60	5.00	1.20	42880.00	5.80	14010.00	46.00	.50	7646.00	466.00	11750.00	90.00
423371	103.00	10.90	6.00	1.40	27330.00	5.00	15840.00	34.00	.30	7991.00	425.00	8222.00	78.00
423372	-12.00	-1.80	-1.00	-.40	-1281.00	-1.30	-2146.00	-10.00	-.10	-1296.00	74.00	460.00	-43.00
423373	98.00	4.40	5.00	1.40	27970.00	5.50	15640.00	39.00	.30	8427.00	256.00	10160.00	84.00
423374	110.00	6.80	5.00	1.10	35060.00	5.70	12130.00	27.00	.30	9875.00	372.00	11190.00	-39.00
423375	-21.00	-3.20	-2.00	-.60	6941.00	-2.20	-3573.00	-18.00	-.20	-2250.00	144.00	2273.00	-73.00
423376	91.00	5.90	5.00	1.30	21110.00	-1.60	10660.00	24.00	.30	6162.00	195.00	6322.00	-54.00
423379	91.00	5.40	7.00	1.40	32800.00	6.10	12810.00	45.00	.40	8712.00	461.00	11090.00	-35.00
423381	103.00	3.90	6.00	1.50	35340.00	5.50	14280.00	36.00	.40	4657.00	353.00	10330.00	-40.00
423384	100.00	5.70	6.00	1.40	40450.00	6.10	14730.00	36.00	.40	7980.00	345.00	10560.00	-43.00
423413	145.00	-2.60	4.00	1.20	12930.00	4.90	7140.00	29.00	-.20	4377.00	201.00	3184.00	-46.00
423416	126.00	6.20	5.00	1.20	37190.00	3.80	14820.00	37.00	.30	9597.00	437.00	8550.00	-50.00
423417	201.00	3.60	5.00	1.00	23370.00	5.10	9094.00	36.00	.30	10500.00	237.00	8827.00	-44.00
423418	96.00	-2.80	4.00	.90	26890.00	4.10	9503.00	30.00	.40	7667.00	380.00	7352.00	-51.00
423419	84.00	-2.50	5.00	.80	24950.00	3.40	9014.00	-9.00	.30	4858.00	547.00	7334.00	-47.00
423420	79.00	-3.00	3.00	.70	14510.00	-1.70	-4926.00	-14.00	-.20	6411.00	372.00	4511.00	-20.00
423421	231.00	4.60	6.00	1.40	30710.00	9.40	13680.00	39.00	.40	9163.00	446.00	12090.00	69.00
423422	46.00	-2.10	-1.00	-.40	14560.00	-1.50	-3735.00	-10.00	-.20	-1806.00	438.00	1600.00	-49.00
423424	127.00	4.00	5.00	1.60	35650.00	9.00	9967.00	37.00	.50	8920.00	463.00	13090.00	-39.00
423425	28.00	-1.80	5.00	.70	4383.00	-1.40	-2176.00	76.00	.30	-1189.00	161.00	992.00	-33.00
423426	-19.00	-2.70	5.00	-.60	4294.00	-2.10	-3216.00	85.00	-.20	-1757.00	171.00	1011.00	-59.00
423431	120.00	5.50	6.00	1.60	41240.00	6.00	15040.00	36.00	.50	12870.00	422.00	10780.00	-39.00
423432	119.00	5.40	5.00	1.00	36990.00	4.70	16060.00	39.00	.30	10430.00	344.00	8199.00	-49.00
423433	97.00	-2.00	5.00	1.30	32880.00	6.80	13550.00	33.00	.40	7499.00	445.00	11490.00	-36.00
423434	88.00	6.10	5.00	1.10	29870.00	6.40	12700.00	45.00	.40	7761.00	368.00	12190.00	-40.00
423435	98.00	3.90	6.00	1.40	33080.00	5.60	12960.00	33.00	.40	10130.00	547.00	11460.00	74.00
423437	97.00	4.30	6.00	1.40	30450.00	5.80	12900.00	33.00	.30	10170.00	388.00	12040.00	71.00
423438	83.00	-1.80	5.00	1.40	30650.00	9.30	14120.00	41.00	.40	7579.00	334.00	13090.00	-32.00
423440	88.00	6.10	5.00	1.70	39670.00	7.00	11930.00	61.00	.60	11350.00	468.00	10830.00	69.00
423441	109.00	5.90	6.00	1.50	44590.00	6.50	17080.00	44.00	.40	9393.00	400.00	9172.00	-45.00
423442	113.00	5.10	7.00	1.30	41730.00	7.00	15810.00	39.00	.50	7979.00	377.00	9423.00	-43.00
423443	100.00	6.60	6.00	1.20	30610.00	6.80	10100.00	39.00	.20	7591.00	302.00	8291.00	-50.00
423444	89.00	5.90	6.00	1.50	37710.00	5.70	16270.00	35.00	.40	9794.00	457.00	9471.00	-42.00
423445	99.00	7.10	6.00	1.30	30890.00	-1.80	12370.00	34.00	-.20	6823.00	368.00	5039.00	-58.00
423446	63.00	-2.70	5.00	1.40	14480.00	4.60	8519.00	14.00	.40	4077.00	184.00	6487.00	-45.00
423447	85.00	5.60	7.00	1.50	41690.00	5.70	14730.00	50.00	.40	10350.00	481.00	10160.00	-42.00
423448	106.00	4.10	4.00	1.70	34370.00	4.90	15740.00	35.00	.40	10190.00	412.00	9850.00	-44.00
423449	116.00	3.60	6.00	1.40	39170.00	4.20	11960.00	31.00	.40	7248.00	573.00	9147.00	-48.00
423450	95.00	4.90	4.00	1.40	27270.00	5.90	15600.00	37.00	.50	8671.00	329.00	10810.00	-38.00
423451	40.00	-2.30	3.00	1.40	17960.00	-1.90	-4954.00	-5.00	-.10	-2193.00	1922.00	2179.00	-59.00
423452	56.00	-2.40	4.00	1.10	20570.00	-1.60	7809.00	22.00	.20	4980.00	304.00	3863.00	-49.00
423453	99.00	-2.30	6.00	1.30	43260.00	3.20	9333.00	31.00	.40	5704.00	514.00	5199.00	-46.00

RETTLES LAKE SEDIMENT

PC. FOUR - SAMPLE SET 4

SAMPLE NO.	SR PPM	SC PPM	SM PPM	SR PPM	TA PPM	TR PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	TH/P RATIO
423355	-2.00	15.00	4.70	-238.00	-2.00	-1.00	9.50	5197.00	137.00	3.90	124.00	3.27900
423356	-3.00	14.70	5.60	-297.00	-2.00	-1.00	9.60	4697.00	133.00	-2.30	222.00	3.61000
423357	-5.00	9.40	4.20	-476.00	-4.00	-1.00	6.40	2552.00	85.00	-3.20	222.00	3.01200
423358	-4.00	8.40	2.40	-352.00	-3.00	-1.00	4.70	2133.00	82.00	-2.50	-62.00	2.24700
423359	-3.00	13.80	6.00	-270.00	-3.00	-1.00	9.50	4409.00	126.00	-2.00	-96.00	3.25700
423360	-3.00	15.20	5.60	-255.00	-2.00	-1.00	9.50	2887.00	132.00	3.60	220.00	3.27900
423361	-4.00	5.70	1.80	-390.00	-3.00	-1.00	3.70	9999.00	40.00	-2.60	220.00	2.70300
423364	-3.00	14.70	6.10	-280.00	-2.00	-1.00	10.90	4406.00	132.00	-2.10	109.00	3.21700
423370	-2.00	12.80	7.80	-235.00	-1.00	-1.00	16.90	4355.00	105.00	5.70	-92.00	2.07500
423371	-3.00	17.10	5.90	-270.00	-2.00	-1.00	17.60	5135.00	148.00	4.60	136.00	2.15100
423372	-3.00	1.60	-1.70	-189.00	-2.00	-1.00	-1.30	-9999.00	-5.00	-1.90	-123.00	0.00000
423373	-3.00	13.90	7.00	-238.00	-1.00	-1.00	12.30	4654.00	140.00	3.00	-176.00	3.65000
423374	-3.00	14.40	5.00	-236.00	-2.00	-1.00	9.40	4206.00	141.00	3.50	-54.00	3.04900
423375	-4.00	3.80	-1.20	-307.00	-4.00	-1.00	-2.40	1444.00	36.00	-3.20	-123.00	0.00000
423376	-4.00	13.90	4.40	-270.00	-3.00	-1.00	9.00	3144.00	116.00	3.40	-117.00	2.89000
423379	-2.00	14.00	7.20	-227.00	-2.00	-1.00	17.50	4750.00	128.00	4.00	130.00	1.48100
423381	-3.00	15.90	6.70	-238.00	-2.00	-1.00	10.70	4942.00	145.00	5.40	125.00	3.08000
423394	-3.00	14.20	6.30	-223.00	-2.00	-1.00	14.60	4942.00	126.00	4.10	-114.00	2.53800
423413	-4.00	12.50	5.00	-233.00	-2.00	-1.00	8.10	3034.00	107.00	-2.40	-47.00	2.95900
423416	-3.00	16.40	5.40	-282.00	-2.00	-1.00	10.40	5124.00	167.00	-2.30	133.00	3.04900
423417	-4.00	12.50	5.70	-279.00	-2.00	-1.00	10.70	3728.00	110.00	3.30	133.00	3.73100
423418	-4.00	13.20	5.00	-303.00	-2.00	-1.00	12.20	4241.00	130.00	-2.70	-76.00	3.40100
423419	-3.00	9.50	4.70	-330.00	-3.00	-1.00	8.40	2636.00	89.00	-2.30	-50.00	2.28000
423420	-4.00	4.70	2.70	-381.00	-4.00	-1.00	7.20	1919.00	62.00	-2.60	-100.00	3.33300
423421	-3.00	12.70	7.70	-246.00	-2.00	-1.00	15.10	4903.00	120.00	5.40	120.00	4.57500
423422	-3.00	3.10	-1.90	-336.00	-3.00	-1.00	-1.70	-9999.00	35.00	-2.20	338.00	0.00000
423424	-3.00	15.60	6.00	-250.00	-1.00	-1.00	11.10	5155.00	143.00	3.10	79.00	3.42000
423425	-3.00	2.90	12.50	-212.00	-3.00	-1.00	41.80	-9999.00	30.00	3.50	156.00	3.54600
423426	-4.00	2.70	12.50	-281.00	-3.00	-1.00	43.00	-9999.00	22.00	-3.00	196.00	5.24000
423431	-3.00	16.60	6.70	-233.00	-1.00	-1.00	13.60	4403.00	153.00	4.00	-164.00	4.11500
423432	-4.00	16.70	5.40	-261.00	-2.00	-1.00	10.90	4656.00	172.00	3.60	222.00	3.04000
423433	-3.00	13.60	6.10	-263.00	-1.00	-1.00	9.40	4376.00	123.00	-2.10	-46.00	3.49700
423434	-3.00	13.40	6.60	-260.00	-2.00	-1.00	14.70	4629.00	111.00	-2.70	-70.00	1.94900
423435	-2.00	12.70	-1.70	-233.00	-2.00	-1.00	12.00	4620.00	120.00	3.40	-82.00	3.42500
423437	-3.00	13.90	4.70	-270.00	-2.00	-1.00	8.50	4100.00	131.00	2.80	129.00	3.12500
423438	-2.00	13.70	5.60	-211.00	-1.00	-1.00	11.70	4136.00	107.00	3.60	-46.00	2.03300
423440	-3.00	16.30	8.20	-265.00	-3.00	-1.00	22.20	5215.00	139.00	-2.10	-165.00	1.68000
423441	-3.00	16.00	6.60	-259.00	-2.00	-1.00	14.00	4802.00	148.00	4.70	120.00	2.53200
423442	-3.00	15.20	6.10	-273.00	-2.00	-1.00	10.90	5133.00	138.00	-2.50	-109.00	3.27900
423443	-4.00	16.60	4.30	-278.00	-3.00	-1.00	10.00	4099.00	149.00	-2.60	-78.00	2.95000
423444	-3.00	15.70	6.60	-249.00	-2.00	-1.00	13.40	5912.00	154.00	2.70	158.00	2.96700
423445	-5.00	16.80	5.90	-324.00	-3.00	-1.00	13.40	3496.00	155.00	-2.90	-145.00	3.81700
423446	-4.00	9.50	4.40	-266.00	-3.00	-1.00	6.30	3564.00	87.00	-2.20	-69.00	2.50000
423447	-3.00	15.40	6.00	-270.00	-2.00	-1.00	13.40	5252.00	150.00	-3.40	-66.00	2.99400
423448	-3.00	17.30	5.70	-269.00	-2.00	-1.00	12.10	5154.00	164.00	4.70	97.00	4.09400
423449	-3.00	14.90	6.40	-297.00	-2.00	-1.00	8.80	4133.00	140.00	-1.90	80.00	2.74700
423450	-3.00	14.20	6.30	-259.00	-2.00	-1.00	11.00	5571.00	135.00	5.80	-129.00	3.09600
423451	-3.00	7.70	3.10	-439.00	-3.00	-1.00	5.30	-9999.00	62.00	-2.20	174.00	3.75900
423452	-3.00	9.70	-1.90	-274.00	-3.00	-1.00	7.50	2137.00	92.00	-2.30	-105.00	3.37800
423453	-3.00	13.40	5.50	-278.00	-2.00	-1.00	8.80	3447.00	44.00	4.40	153.00	3.18200

NETTLES LAKE SEDIMENT

PG. ONE - SAMPLE CFT 7

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	RHSMUTH PPM	CADMIUM PPM	COPPER PPM	NIOSBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
423454	66.5186	151.3528	7.	13.0	-9999.	2.40	-5.00	-5.00	-5.00	37.00	-20.00	35.00	5.00	-10.00	-15.00
423455	66.5428	151.4444	6.	14.0	-9999.	3.20	-5.00	5.00	-5.00	32.00	-20.00	43.00	10.00	-10.00	-15.00
423456	66.5647	151.3919	6.	10.0	-9999.	2.87	-5.00	8.00	-5.00	33.60	-20.00	20.00	9.00	-10.00	-15.00
423457	66.5781	151.3936	5.	5.0	-9999.	2.62	-5.00	-5.00	-5.00	32.00	-20.00	23.00	-5.00	-10.00	-15.00
423458	66.5957	151.4575	7.	15.0	-9999.	3.16	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423459	66.5917	151.4742	7.	16.0	-9999.	3.43	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423460	66.5869	151.4733	7.	5.0	-9999.	3.69	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423461	66.5814	151.4728	7.	15.0	-9999.	3.24	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423462	66.5775	151.4689	7.	16.0	-9999.	3.37	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423463	66.5567	151.5472	7.	25.0	-9999.	3.19	-5.00	-5.00	-5.00	49.00	-20.00	24.00	6.00	-10.00	-15.00
423464	66.5458	151.5742	7.	19.0	-9999.	1.65	-5.00	-5.00	-5.00	46.00	-20.00	53.00	-5.00	-10.00	-15.00
423465	66.5189	151.6861	7.	42.0	-9999.	2.85	-5.00	-5.00	-5.00	47.00	-20.00	34.00	5.00	-10.00	-15.00
423466	66.5569	151.6786	7.	10.0	-9999.	1.65	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423467	66.5747	151.6411	7.	7.0	-9999.	1.39	-5.00	-5.00	-5.00	41.00	-20.00	41.00	-5.00	-10.00	-15.00
423468	66.6167	151.7267	5.	1.0	-9999.	.61	-5.00	-5.00	-5.00	25.00	-20.00	-15.00	-5.00	-10.00	-15.00
423469	66.6153	151.7972	7.	23.0	-9999.	3.92	-5.00	5.00	-5.00	64.00	-20.00	48.00	24.00	-10.00	-15.00
423470	66.5533	151.8347	7.	17.0	-9999.	2.69	-5.00	5.00	-5.00	30.00	-20.00	25.00	8.00	-10.00	-15.00
423471	66.7061	151.8053	6.	12.0	-9999.	2.69	-5.00	-5.00	-5.00	43.00	-20.00	16.00	9.00	-10.00	-15.00
423472	66.7153	151.7389	6.	60.0	-9999.	3.23	-5.00	-5.00	-5.00	58.00	-20.00	45.00	16.00	-10.00	-15.00
423473	66.6878	151.7508	6.	12.0	-9999.	2.67	-5.00	-5.00	-5.00	41.00	-20.00	26.00	5.00	-10.00	-15.00
423474	66.6561	151.6933	7.	24.0	-9999.	3.58	-5.00	-5.00	-5.00	58.00	-20.00	29.00	8.00	-10.00	-15.00
423475	66.6189	151.6103	7.	18.0	-9999.	4.25	-5.00	-5.00	-5.00	40.00	-20.00	42.00	14.00	-10.00	-15.00
423476	66.6761	151.5767	5.	10.0	-9999.	3.43	-5.00	5.00	-5.00	40.00	-20.00	29.00	6.00	-10.00	-15.00
423477	66.6936	151.5911	7.	17.0	-9999.	3.07	-5.00	6.00	-5.00	55.00	-20.00	52.00	5.00	-10.00	-15.00
423478	66.6950	151.5183	5.	1.0	-9999.	2.88	-5.00	-5.00	-5.00	46.00	-20.00	40.00	10.00	-10.00	-15.00
423479	66.6514	151.4767	6.	28.0	-9999.	3.65	-5.00	5.00	-5.00	53.00	-20.00	43.00	10.00	-10.00	-15.00
423480	66.6250	151.4806	7.	28.0	-9999.	2.04	-5.00	-5.00	-5.00	36.00	-20.00	24.00	-5.00	-10.00	-15.00
423481	66.6331	151.7686	7.	69.0	-9999.	1.94	-5.00	-5.00	-5.00	34.00	-20.00	20.00	-5.00	-10.00	-15.00
423482	66.6525	151.3947	7.	43.0	-9999.	2.98	-5.00	-5.00	-5.00	40.00	-20.00	33.00	-5.00	-10.00	-15.00
423483	66.6444	151.2847	6.	9.0	-9999.	2.84	-5.00	6.00	-5.00	31.00	-20.00	28.00	5.00	-10.00	-15.00
423484	66.6581	151.2481	6.	25.0	-9999.	2.90	-5.00	-5.00	-5.00	37.00	-20.00	34.00	7.00	-10.00	-15.00
423485	66.6481	151.1803	6.	17.0	-9999.	2.99	-5.00	-5.00	-5.00	38.00	-20.00	26.00	6.00	-10.00	-15.00
423486	66.6164	151.2381	7.	12.0	-9999.	4.04	-5.00	-5.00	-5.00	85.00	-20.00	16.00	6.00	-10.00	-15.00
423487	66.6093	151.2108	5.	15.0	-9999.	2.83	-5.00	-5.00	-5.00	26.00	-20.00	-15.00	7.00	-10.00	-15.00
423488	66.6072	151.1136	5.	4.0	-9999.	2.72	-5.00	-5.00	-5.00	45.00	-20.00	44.00	10.00	-10.00	-15.00
423489	66.6592	151.0728	5.	-9999.0	-9999.	1.18	-5.00	-5.00	-5.00	30.00	-20.00	35.00	-5.00	-10.00	-15.00
423490	66.7033	151.1014	6.	9.0	-9999.	2.67	-5.00	-5.00	-5.00	30.00	-20.00	31.00	8.00	-10.00	-15.00
423492	66.6864	150.8658	7.	10.0	-9999.	4.50	-5.00	5.00	-5.00	45.00	-20.00	36.00	12.00	-10.00	-15.00
423493	66.6877	150.7550	6.	48.0	-9999.	7.35	-5.00	5.00	-5.00	23.00	-20.00	-15.00	13.00	-10.00	-15.00
423494	66.6736	150.6531	6.	12.0	-9999.	10.60	-5.00	5.00	-5.00	45.00	-20.00	20.00	-5.00	-10.00	-15.00
423495	66.8053	150.6689	5.	5.0	-9999.	2.85	-5.00	-5.00	-5.00	40.00	-20.00	23.00	7.00	-10.00	-15.00
423496	66.8053	150.7269	6.	8.0	-9999.	7.59	-5.00	8.00	-5.00	48.00	-20.00	24.00	9.00	-10.00	-15.00
423497	66.7997	150.6892	4.	1.0	-9999.	1.60	-5.00	6.00	-5.00	59.00	-20.00	58.00	18.00	-10.00	-15.00
423499	66.8039	150.9183	5.	1.0	-9999.	1.99	-5.00	-5.00	-5.00	42.00	-20.00	40.00	6.00	-10.00	-15.00
423500	66.7722	150.9950	5.	5.0	-9999.	2.77	-5.00	-5.00	-5.00	42.00	-20.00	33.00	10.00	-10.00	-15.00
423501	66.7778	151.0119	4.	5.0	-9999.	3.00	-5.00	-5.00	-5.00	65.00	-20.00	48.00	10.00	-10.00	-15.00
423502	66.9011	151.0928	6.	2.0	-9999.	2.77	-5.00	-5.00	-5.00	30.00	-20.00	21.00	7.00	-10.00	-15.00
423504	66.7817	151.2724	6.	94.0	-9999.	3.43	-5.00	-5.00	-5.00	43.00	-20.00	47.00	15.00	-10.00	-15.00
423505	66.7906	151.3478	6.	7.0	-9999.	1.03	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	7.00	-10.00	-15.00
423506	66.8059	151.5125	5.	-9999.0	-9999.	2.31	-5.00	-5.00	-5.00	33.00	-20.00	-15.00	-5.00	-10.00	-15.00

NETTLES LAKE SEDIMENT

PG. TWO - SAMPLE SET 7

SAMPLE NO.	AS PPM	SF PPM	TP PPM	NO PPM	BE PPM	LI PPM	AL PPM	CU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423454	17.00	-5.00	95.00	-9999.00	-9999.00	-9999.00	52550.00	-13	817.00	9950.00	68.00	-102.00	16.60
423455	13.00	-5.00	174.00	-9999.00	-9999.00	-9999.00	78350.00	-12	942.00	7633.00	76.00	-100.00	15.00
423456	14.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	73440.00	-13	959.00	7114.00	62.00	-110.00	15.50
423457	6.00	-5.00	182.00	-9999.00	-9999.00	-9999.00	93770.00	-11	695.00	5035.00	65.00	-116.00	7.29
423458	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	68940.00	-12	691.00	8847.00	76.00	-101.00	16.40
423459	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	81280.00	-14	894.00	8543.00	87.00	-104.00	19.40
423460	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	83000.00	-13	1007.00	7919.00	78.00	-103.00	26.90
423461	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	69980.00	-12	912.00	9744.00	73.00	-119.00	19.40
423462	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	81200.00	-16	943.00	8816.00	76.00	-110.00	20.30
423463	16.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	68710.00	-13	975.00	11080.00	87.00	-105.00	18.10
423464	11.00	-5.00	52.00	-9999.00	-9999.00	-9999.00	24950.00	-12	639.00	12390.00	76.00	-104.00	10.20
423465	10.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	67520.00	-12	953.00	7278.00	74.00	-119.00	20.20
423466	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	33930.00	-12	1213.00	-1151.00	40.00	401.00	17.70
423467	22.00	-5.00	38.00	-9999.00	-9999.00	-9999.00	16500.00	-16	-470.00	11890.00	-12.00	-157.00	17.40
423468	10.00	-5.00	35.00	-9999.00	-9999.00	-9999.00	10750.00	-13	-169.00	-2069.00	-9.00	294.00	-2.90
423469	14.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	108100.00	-20	1215.00	14380.00	98.00	-122.00	31.60
423470	11.00	-5.00	199.00	-9999.00	-9999.00	-9999.00	54600.00	-10	442.00	5991.00	84.00	-101.00	15.40
423471	10.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	73650.00	-12	408.00	5300.00	64.00	-105.00	18.60
423472	17.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	94040.00	-16	1090.00	8113.00	76.00	-134.00	25.30
423473	9.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	68950.00	-13	703.00	7053.00	69.00	-102.00	14.80
423474	20.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	99330.00	-16	-1147.00	-1240.00	81.00	-118.00	16.90
423475	11.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	83950.00	-14	1016.00	10060.00	74.00	-115.00	25.90
423476	13.00	-5.00	211.00	-9999.00	-9999.00	-9999.00	60650.00	-10	793.00	11920.00	65.00	-109.00	19.00
423477	33.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	84140.00	-16	971.00	6840.00	75.00	-111.00	22.50
423478	13.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	76160.00	-12	948.00	7333.00	73.00	-105.00	14.50
423479	9.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	74050.00	-12	1003.00	8711.00	78.00	-104.00	17.10
423480	17.00	-5.00	76.00	-9999.00	-9999.00	-9999.00	35710.00	-14	520.00	14770.00	44.00	-130.00	12.70
423481	63.00	-5.00	90.00	-9999.00	-9999.00	-9999.00	60810.00	-16	699.00	15820.00	38.00	-95.00	21.70
423482	9.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	64680.00	-11	924.00	21600.00	76.00	-95.00	17.60
423483	8.00	-5.00	181.00	-9999.00	-9999.00	-9999.00	67750.00	-14	946.00	9784.00	74.00	-102.00	15.50
423484	9.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	70210.00	-16	949.00	7919.00	93.00	-116.00	16.00
423485	9.00	-5.00	199.00	-9999.00	-9999.00	-9999.00	64720.00	-13	1011.00	9779.00	63.00	-100.00	15.30
423486	14.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	37630.00	-16	540.00	10450.00	45.00	-94.00	8.70
423487	6.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	48140.00	-13	654.00	10680.00	44.00	-99.00	6.00
423488	11.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	61740.00	-18	928.00	-1179.00	54.00	-103.00	11.90
423489	11.00	-5.00	52.00	-9999.00	-9999.00	-9999.00	20440.00	-18	907.00	-1522.00	-10.00	499.00	9.80
423490	9.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	73100.00	-13	873.00	5542.00	71.00	-94.00	13.40
423492	12.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	79150.00	-18	1530.00	6040.00	107.00	-116.00	16.60
423493	6.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	72390.00	-14	855.00	6526.00	76.00	-95.00	10.00
423494	29.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	63450.00	-18	658.00	-1814.00	143.00	-112.00	15.50
423495	-5.00	-5.00	185.00	-9999.00	-9999.00	-9999.00	74720.00	-15	1049.00	7630.00	64.00	-100.00	16.50
423496	12.00	-5.00	324.00	-9999.00	-9999.00	-9999.00	59910.00	-16	902.00	17000.00	154.00	-130.00	17.80
423497	38.00	-5.00	176.00	-9999.00	-9999.00	-9999.00	76540.00	-14	1239.00	6881.00	86.00	-109.00	24.50
423499	12.00	-5.00	75.00	-9999.00	-9999.00	-9999.00	45550.00	-18	832.00	-1036.00	43.00	-95.00	13.80
423500	4.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	65380.00	-17	1021.00	6961.00	83.00	-119.00	10.00
423501	14.00	-5.00	104.00	-9999.00	-9999.00	-9999.00	79900.00	-18	1107.00	5852.00	70.00	-101.00	23.00
423502	8.00	-5.00	122.00	-9999.00	-9999.00	-9999.00	63140.00	-13	704.00	8044.00	66.00	-105.00	13.10
423504	-5.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	74770.00	-16	1099.00	9918.00	72.00	-113.00	22.00
423505	8.00	-5.00	72.00	-9999.00	-9999.00	-9999.00	11470.00	-18	-191.00	-1922.00	-11.00	199.00	-2.70
423507	11.00	-5.00	79.00	-9999.00	-9999.00	-9999.00	43160.00	-16	591.00	6119.00	45.00	-99.00	10.50

BOTTLES LANE SEDIMENT

PG. THREE - SAMPLE SET

7

SAMPLE NO.	CO PPM	CS PPM	DV PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MC PPM	MN PPM	NA PPM	PP PPM
423454	68.00	-2.70	5.00	1.20	28480.00	3.70	9982.00	22.00	.50	6977.00	323.00	4234.00	-45.00
423455	106.00	4.60	5.00	1.30	37490.00	6.40	14070.00	38.00	.40	9534.00	369.00	10960.00	-44.00
423456	95.00	5.80	6.00	1.30	33450.00	4.90	13400.00	36.00	.30	8996.00	344.00	9276.00	-46.00
423457	66.00	5.60	5.00	1.10	19430.00	6.00	11130.00	33.00	.40	6659.00	219.00	9907.00	-42.00
423458	100.00	5.30	6.00	1.40	37440.00	6.00	13420.00	36.00	.50	9743.00	415.00	10490.00	-44.00
423459	102.00	6.10	6.00	1.20	42460.00	4.00	17200.00	42.00	-.20	12180.00	470.00	9450.00	-2.00
423460	137.00	8.70	4.00	1.60	44470.00	5.40	18420.00	40.00	.40	11290.00	442.00	9932.00	86.00
423461	111.00	4.40	6.00	1.50	37360.00	6.30	15780.00	33.00	.40	9805.00	379.00	9983.00	-44.00
423462	180.00	8.10	6.00	1.70	34840.00	4.00	19030.00	35.00	.30	10750.00	384.00	8294.00	-50.00
423463	96.00	3.70	6.00	1.60	45340.00	4.70	12140.00	41.00	.40	8044.00	549.00	10270.00	-47.00
423464	92.00	-2.20	3.00	-.40	18100.00	-1.50	7812.00	-9.00	.20	4670.00	469.00	2768.00	-48.00
423465	100.00	6.30	6.00	1.70	34930.00	6.30	12330.00	32.00	.40	9549.00	400.00	9893.00	-46.00
423466	83.00	-1.40	3.00	1.20	21670.00	-1.50	-3191.00	-7.00	-.10	-1640.00	349.00	3063.00	-46.00
423467	-18.00	-3.20	-3.00	-.60	27570.00	-2.10	-10690.00	-17.00	-.20	-4459.00	2580.00	1948.00	-75.00
423468	-16.00	-2.30	-1.00	-.50	3982.00	-1.70	-3194.00	-15.00	-.20	-1865.00	112.00	1546.00	-54.00
423469	156.00	9.80	4.00	2.10	57420.00	5.60	30120.00	40.00	.50	15440.00	1015.00	8565.00	-67.00
423470	69.00	3.20	5.00	1.20	39070.00	4.60	9754.00	30.00	.30	7164.00	701.00	11160.00	-36.00
423471	84.00	4.40	6.00	1.40	35050.00	4.60	15660.00	32.00	.50	10120.00	445.00	9429.00	68.00
423472	145.00	8.60	6.00	1.80	59170.00	5.60	23230.00	35.00	.50	15080.00	744.00	8035.00	150.00
423473	107.00	-2.50	6.00	1.40	42480.00	6.20	14220.00	34.00	.40	10400.00	504.00	10670.00	-43.00
423474	106.00	7.00	5.00	1.30	40130.00	4.00	22320.00	38.00	-.20	15070.00	345.00	9406.00	-56.00
423475	129.00	5.70	7.00	1.60	47780.00	5.20	18060.00	46.00	.49	14790.00	623.00	16870.00	-49.00
423476	88.00	3.50	6.00	1.40	37230.00	6.40	12910.00	38.00	.40	11460.00	493.00	11430.00	-34.00
423477	112.00	5.80	6.00	1.70	53000.00	4.60	17910.00	39.00	.50	10870.00	609.00	9392.00	-53.00
423478	112.00	4.60	5.00	1.70	35100.00	5.60	13040.00	34.00	.20	8492.00	356.00	10940.00	-43.00
423479	119.00	5.80	6.00	1.60	41190.00	4.70	17930.00	35.00	.30	11700.00	483.00	10410.00	93.00
423480	70.00	-2.70	4.00	1.00	21020.00	-1.70	8922.00	-11.00	-.20	5600.00	297.00	4989.00	-57.00
423481	82.00	-2.60	3.00	1.10	56750.00	-1.60	8770.00	-13.00	-.20	5806.00	393.00	5304.00	-60.00
423482	87.00	3.40	5.00	1.60	38400.00	7.70	15540.00	33.00	.40	11770.00	649.00	11300.00	74.00
423483	102.00	-2.30	6.00	1.50	36230.00	6.10	11480.00	38.00	.30	9448.00	434.00	11540.00	97.00
423484	102.00	4.20	5.00	1.30	35180.00	6.30	11180.00	41.00	.40	9150.00	364.00	10550.00	-44.00
423485	71.00	-2.10	6.00	1.10	34300.00	4.60	12870.00	-4.00	.30	10200.00	378.00	10560.00	-40.00
423486	55.00	3.80	4.00	-.40	21220.00	3.40	9949.00	24.00	-.20	-1976.00	240.00	4344.00	-48.00
423487	69.00	-2.10	6.00	1.30	17190.00	5.80	9311.00	19.00	.40	4378.00	218.00	9104.00	-42.00
423488	88.00	4.90	5.00	1.30	21550.00	3.60	11270.00	34.00	.50	7845.00	264.00	3563.00	-47.00
423489	48.00	-2.60	3.00	-.50	8004.00	-1.80	-3400.00	-18.00	-.20	-1879.00	189.00	2109.00	-56.00
423490	109.00	3.20	5.00	1.20	37990.00	5.10	11460.00	35.00	.30	4757.00	295.00	10190.00	-41.00
423492	129.00	5.90	7.00	1.50	49080.00	5.80	15080.00	41.00	.40	8248.00	415.00	8570.00	-48.00
423493	79.00	6.90	6.00	1.00	32300.00	5.50	10910.00	52.00	.30	10070.00	273.00	9738.00	-40.00
423494	71.00	6.10	5.00	1.40	34490.00	5.30	12760.00	60.00	.60	7338.00	308.00	7145.00	-59.00
423495	125.00	4.80	6.00	1.30	34060.00	6.20	11630.00	33.00	.40	8242.00	352.00	10630.00	-47.00
423496	69.00	4.20	3.00	2.20	32530.00	12.50	11740.00	57.00	.70	10190.00	715.00	2380.00	96.00
423497	95.00	-2.90	7.00	1.50	44320.00	4.40	16230.00	49.00	.50	11400.00	643.00	8560.00	-48.00
423499	109.00	-3.00	4.00	1.30	20950.00	-1.70	9158.00	-14.00	-.20	5057.00	230.00	4242.00	-54.00
423500	87.00	-2.70	6.00	1.40	27440.00	6.20	12010.00	31.00	.30	8474.00	266.00	9847.00	-45.00
423501	100.00	5.00	5.00	1.50	37550.00	4.10	13320.00	38.00	.50	9403.00	344.00	7544.00	-53.00
423502	102.00	-2.70	5.00	1.20	29450.00	4.00	15270.00	35.00	.20	8896.00	327.00	9554.00	-39.00
423504	109.00	5.00	6.00	1.70	42500.00	5.40	15070.00	35.00	.40	14430.00	770.00	10440.00	70.00
423505	-19.00	-2.70	-1.00	-.50	11130.00	-2.40	-2424.00	-20.00	-.20	-1447.00	244.00	1532.00	-54.00
423506	60.00	-2.60	4.00	.70	27270.00	-2.70	-3304.00	-12.00	.40	3615.00	239.00	4084.00	-50.00

NETILES LAKE SEDIMENT

PG. FOUR - SAMPLE SET 7

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TR PPM	TH PPM	TI PPM	V PPM	VB PPM	ZM PPM	TH/U RATIO
423454	-4.00	11.30	4.80	-203.00	-2.00	-1.00	7.70	3240.00	117.00	-2.30	-149.00	3.20500
423455	-3.00	17.10	5.10	-259.00	-2.00	-1.00	11.30	5075.00	159.00	-2.30	-58.00	3.53400
423456	-4.00	15.20	5.00	-276.00	-3.00	-1.00	11.20	4523.00	150.00	-2.40	-109.00	3.45600
423457	-3.00	11.30	4.40	-247.00	-2.00	-1.00	9.50	4444.00	98.00	3.20	-30.00	3.24700
423458	-3.00	14.30	7.60	-245.00	-2.00	-1.00	10.00	5359.00	141.00	5.30	-67.00	3.16500
423459	-4.00	19.10	4.90	-294.00	-2.00	-1.00	10.60	4407.00	159.00	4.40	-73.00	3.08400
423460	-4.00	18.80	6.30	-268.00	-3.00	-1.00	13.40	5324.00	170.00	-2.10	147.00	3.43600
423461	-3.00	16.00	6.40	-271.00	-2.00	-1.00	10.70	4347.00	149.00	3.00	100.00	3.30000
423462	-4.00	14.00	7.00	-318.00	-2.00	-1.00	11.00	5840.00	177.00	4.70	111.00	3.40700
423463	-4.00	17.30	7.20	-291.00	-2.00	-1.00	9.40	4905.00	145.00	4.30	-63.00	2.95000
423464	-3.00	6.70	-80	-315.00	-3.00	-1.00	4.40	-9999.00	67.00	-2.20	-79.00	2.66700
423465	-3.00	15.40	4.00	-274.00	-2.00	-1.00	9.00	4527.00	133.00	4.00	-100.00	3.47200
423466	-3.00	8.90	3.30	-260.00	-1.00	-1.00	4.00	1629.00	77.00	-2.20	399.00	2.90700
423467	-4.00	4.20	-1.30	-916.00	-1.00	-1.00	5.30	-9999.00	47.00	-3.10	-105.00	3.81700
423468	-3.00	2.00	-1.00	-253.00	-3.00	-1.00	2.90	-9999.00	27.00	-2.40	-80.00	4.76200
423469	-5.00	24.40	7.00	-443.00	-3.00	-1.00	12.60	7145.00	260.00	7.10	-36.00	3.21500
423470	-3.00	12.90	5.50	-285.00	-1.00	-1.00	9.20	4801.00	114.00	3.80	-55.00	3.04900
423471	-3.00	17.20	6.20	-270.00	-1.00	-1.00	9.40	5426.00	161.00	4.90	103.00	3.12500
423472	-5.00	23.50	9.50	-383.00	-2.00	-1.00	10.40	6226.00	215.00	4.50	-99.00	3.27000
423473	-3.00	16.70	6.70	-302.00	-2.00	-1.00	9.10	4330.00	145.00	4.40	-99.00	3.41300
423474	-5.00	22.10	5.10	-303.00	-3.00	-1.00	10.00	5537.00	231.00	4.40	-96.00	3.02100
423475	-4.00	21.50	4.90	-304.00	-3.00	-1.00	11.50	5540.00	200.00	5.20	213.00	2.70300
423476	-3.00	15.90	6.20	-240.00	-2.00	-1.00	10.30	5382.00	145.00	3.30	-139.00	3.00300
423477	-4.00	18.30	6.80	-349.00	-2.00	-1.00	11.00	5753.00	193.00	-3.50	-71.00	3.54400
423478	-3.00	17.50	6.20	-252.00	-2.00	-1.00	7.40	4746.00	151.00	3.20	-43.00	2.57100
423479	-3.00	19.10	6.30	-264.00	-2.00	-1.00	11.00	5330.00	164.00	-2.00	-162.00	3.01200
423480	-4.00	9.40	3.00	-225.00	-3.00	-1.00	4.70	2568.00	43.00	-2.50	-82.00	3.24900
423481	-4.00	9.70	3.60	-309.00	-3.00	-1.00	7.00	2447.00	42.00	-2.80	-87.00	3.41000
423482	-3.00	14.90	6.30	-263.00	-2.00	-1.00	10.80	4330.00	120.00	2.90	178.00	3.62300
423483	-4.00	15.60	6.10	-235.00	-2.00	-1.00	10.70	5524.00	138.00	4.00	202.00	3.70400
423484	-4.00	16.10	9.90	-271.00	-2.00	-1.00	11.00	4927.00	132.00	-3.20	150.00	3.78800
423485	-4.00	14.80	3.90	-268.00	-1.00	-1.00	8.70	5398.00	133.00	-2.40	-58.00	2.90700
423486	-4.00	10.80	4.60	-281.00	-2.00	-1.00	7.60	2461.00	76.00	-2.40	-84.00	1.98000
423487	-4.00	10.30	5.10	-211.00	-2.00	-1.00	4.00	4518.00	92.00	2.40	-14.00	3.14500
423488	-5.00	17.90	4.70	-251.00	-2.00	-1.00	7.40	4489.00	144.00	-2.60	-183.00	2.71700
423489	-5.00	9.40	-1.50	-301.00	-4.00	-1.00	6.10	1340.00	63.00	-3.00	-85.00	5.18100
423490	-4.00	15.70	4.50	-234.00	-2.00	-1.00	8.50	4565.00	148.00	-2.20	104.00	3.18500
423492	-5.00	17.50	5.50	-278.00	-3.00	-1.00	12.40	5416.00	186.00	4.20	-61.00	2.75500
423493	-4.00	15.90	3.40	-250.00	-2.00	-1.00	12.00	5685.00	144.00	-2.20	-64.00	1.63400
423494	-5.00	13.60	7.60	-317.00	-3.00	-1.00	10.00	3674.00	172.00	5.70	-40.00	1.88400
423495	-4.00	17.00	4.90	-270.00	-2.00	-1.00	9.00	5855.00	171.00	-2.20	166.00	3.15500
423496	-4.00	15.90	13.70	-126.00	-2.00	-1.00	18.10	5524.00	141.00	6.40	-71.00	2.38700
423497	-5.00	19.00	4.40	-349.00	-3.00	-1.00	10.90	5534.00	193.00	-2.40	-84.00	3.03000
423498	-5.00	11.00	4.00	-255.00	-3.00	-1.00	7.20	2934.00	127.00	-3.10	-83.00	1.62300
423500	-4.00	14.30	4.70	-294.00	-1.00	-1.00	11.00	4692.00	133.00	4.10	-70.00	3.46800
423501	-5.00	19.50	4.70	-309.00	-2.00	-1.00	10.40	4619.00	157.00	-2.40	-69.00	3.53400
423502	-4.00	13.70	4.70	-260.00	-2.00	-1.00	8.40	4430.00	136.00	3.70	100.00	3.26800
423504	-5.00	10.90	6.00	-312.00	-3.00	-1.00	11.40	5499.00	170.00	3.70	100.00	3.37800
423505	-4.00	3.40	-1.50	-313.00	-3.00	-1.00	-7.20	-9999.00	27.00	-3.70	100.00	0.00000
423506	-4.00	10.40	3.10	-284.00	-3.00	-1.00	4.00	1094.00	92.00	-2.70	-78.00	2.53200

RATTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	UPANIUM PPM	SILVER PPM	IRIDIUM PPM	CADMIUM PPM	COPPER PPM	NICKEL PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
423507	66.7769	151.5369	6.	5.0	-9999.	2.25	-5.00	-5.00	-5.00	36.00	-20.00	62.00	17.00	18.00	-15.00
423509	66.7789	151.6450	6.	3.0	-9999.	3.21	-5.00	-5.00	-5.00	51.00	-20.00	62.00	-5.00	-10.00	-15.00
423510	66.7900	151.7968	5.	6.0	-9999.	2.65	-5.00	-5.00	-5.00	26.00	-20.00	36.00	6.00	-10.00	-15.00
423511	66.7978	151.9019	6.	167.0	-9999.	2.83	-5.00	-5.00	-5.00	25.00	-20.00	24.00	8.00	-10.00	-15.00
423512	66.7681	151.9403	6.	1.0	-9999.	2.56	-5.00	-5.00	-5.00	24.00	-20.00	24.00	10.00	-10.00	-15.00
423513	66.7914	152.0708	6.	23.0	-9999.	2.71	-5.00	-5.00	-5.00	35.00	-20.00	29.00	9.00	-10.00	-15.00
423516	66.7961	152.7811	6.	3.0	-9999.	2.49	-5.00	-5.00	-5.00	24.00	-20.00	27.00	-5.00	-10.00	-15.00
423517	66.7803	152.3736	6.	17.0	-9999.	2.53	-5.00	-5.00	-5.00	-10.00	-20.00	15.00	-5.00	-10.00	-15.00
423518	66.7303	152.4092	7.	33.0	-9999.	2.52	-5.00	-5.00	-5.00	39.00	-20.00	46.00	8.00	-10.00	-15.00
423519	66.7172	152.3036	5.	4.0	-9999.	2.71	-5.00	-5.00	-5.00	33.00	-20.00	-15.00	14.00	-10.00	-15.00
423520	66.7392	152.2647	6.	14.0	-9999.	2.72	-5.00	-5.00	-5.00	21.00	-20.00	34.00	7.00	-10.00	-15.00
423522	66.7225	152.1233	6.	67.0	-9999.	2.62	-5.00	-5.00	-5.00	32.00	-20.00	47.00	-5.00	-10.00	-15.00
423523	66.7458	152.0497	4.	6.0	-9999.	2.67	-5.00	-5.00	-5.00	24.00	-20.00	23.00	6.00	-10.00	-15.00
423525	66.7208	151.9425	5.	10.0	-9999.	2.63	-5.00	-5.00	-5.00	26.00	-20.00	39.00	11.00	-10.00	-15.00
423526	66.7000	152.0264	5.	3.0	-9999.	1.90	-5.00	-5.00	-5.00	30.00	-20.00	20.00	-5.00	-10.00	-15.00
423527	66.7022	152.0569	5.	14.0	-9999.	2.80	-5.00	-5.00	-5.00	33.00	-20.00	31.00	9.00	-10.00	-15.00
423528	66.7003	152.1542	5.	11.0	-9999.	2.80	-5.00	-5.00	-5.00	32.00	-20.00	32.00	10.00	-10.00	-15.00
423529	66.7083	152.2636	5.	34.0	-9999.	2.75	-5.00	-5.00	-5.00	34.00	-20.00	23.00	5.00	-10.00	-15.00
423532	66.7200	152.5489	6.	8.0	-9999.	2.70	-5.00	6.00	-5.00	35.00	-20.00	26.00	8.00	-10.00	-15.00
423533	66.7292	152.6239	6.	4.0	-9999.	2.71	-5.00	-5.00	-5.00	18.00	-20.00	37.00	11.00	-10.00	-15.00
423534	66.7714	152.5869	6.	18.0	-9999.	2.66	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	-5.00	-10.00	-15.00
423535	66.7628	152.4542	6.	55.0	-9999.	2.39	-5.00	-5.00	-5.00	34.00	-20.00	29.00	8.00	-10.00	-15.00
423536	66.7815	152.4450	4.	11.0	-9999.	1.99	-5.00	-5.00	-5.00	27.00	-20.00	-15.00	7.00	-10.00	-15.00
423537	66.8333	152.3533	6.	54.0	-9999.	2.41	-5.00	-5.00	-5.00	32.00	-20.00	38.00	7.00	-10.00	-15.00
423538	66.8508	152.2964	6.	45.0	-9999.	2.30	-5.00	-5.00	-5.00	29.00	-20.00	30.00	-5.00	-10.00	-15.00
423539	66.8292	152.1161	7.	37.0	-9999.	2.93	-5.00	-5.00	-5.00	22.00	-20.00	39.00	10.00	-10.00	-15.00
423540	66.8653	150.5067	6.	3.0	-9999.	3.76	-5.00	-5.00	-5.00	26.00	-20.00	30.00	6.00	-10.00	-15.00
423546	66.8172	150.6478	7.	16.0	-9999.	2.78	-5.00	-5.00	-5.00	43.00	-20.00	28.00	6.00	-10.00	-15.00
423567	66.9375	150.6364	6.	9.0	-9999.	1.19	-5.00	-5.00	-5.00	32.00	-20.00	-15.00	15.00	-10.00	-15.00
423568	66.8525	150.6031	6.	6.0	-9999.	2.90	-5.00	5.00	-5.00	25.00	-20.00	-15.00	12.00	-10.00	-15.00
423569	66.9292	150.5275	7.	8.0	-9999.	2.59	-5.00	-5.00	-5.00	15.00	-20.00	39.00	15.00	-10.00	-15.00
423570	66.9275	150.6153	5.	5.0	-9999.	2.74	-5.00	-5.00	-5.00	58.00	-20.00	31.00	6.00	-10.00	-15.00
423571	66.9008	150.6972	5.	2.0	-9999.	2.92	-5.00	-5.00	-5.00	59.00	-20.00	20.00	12.00	-10.00	-15.00
423572	66.9322	150.8792	7.	20.0	-9999.	3.06	-5.00	-5.00	-5.00	34.00	-20.00	34.00	7.00	-10.00	-15.00
423573	66.9150	150.9622	7.	19.0	-9999.	2.94	-5.00	-5.00	-5.00	42.00	-20.00	34.00	11.00	-10.00	-15.00
423574	66.9100	150.9989	6.	-9999.0	-9999.	2.58	-5.00	-5.00	-5.00	28.00	-20.00	28.00	11.00	-10.00	-15.00
423575	66.9069	151.1058	6.	1.0	-9999.	2.67	-5.00	-5.00	-5.00	24.00	-20.00	20.00	7.00	-10.00	-15.00
423577	66.9344	151.1919	6.	1.0	-9999.	2.68	-5.00	-5.00	-5.00	64.00	-20.00	26.00	5.00	-10.00	-15.00
423578	66.9211	151.2531	5.	3.0	-9999.	1.55	-5.00	-5.00	-5.00	30.00	-20.00	-15.00	-5.00	-10.00	-15.00
423579	66.9104	151.3347	6.	13.0	-9999.	2.71	-5.00	-5.00	-5.00	15.00	-20.00	24.00	9.00	-10.00	-15.00
423580	66.9286	151.4003	7.	17.0	-9999.	3.01	-5.00	-5.00	-5.00	28.00	-20.00	36.00	9.00	-10.00	-15.00
423581	66.9311	151.4811	6.	24.0	-9999.	3.22	-5.00	-5.00	-5.00	58.00	-20.00	32.00	10.00	-10.00	-15.00
423582	66.9589	151.9644	7.	22.0	-9999.	3.14	-5.00	-5.00	-5.00	68.00	-20.00	47.00	12.00	-10.00	-15.00
423583	66.9672	151.4650	4.	187.0	-9999.	2.19	-5.00	-5.00	-5.00	29.00	-20.00	17.00	5.00	-10.00	-15.00
423584	66.9919	151.4756	6.	8.0	-9999.	4.73	-5.00	-5.00	-5.00	94.00	-20.00	33.00	10.00	-10.00	-15.00
423585	66.9875	151.3722	7.	106.0	-9999.	3.94	-5.00	-5.00	-5.00	62.00	-20.00	62.00	13.00	-10.00	-15.00
423587	66.9603	151.2289	7.	155.0	-9999.	3.39	-5.00	-5.00	-5.00	49.00	-20.00	55.00	17.00	-10.00	-15.00
423591	66.9444	151.0600	5.	5.0	-9999.	1.39	-5.00	-5.00	-5.00	58.00	-20.00	15.00	5.00	-10.00	-15.00
423594	66.9758	150.7639	4.	154.0	-9999.	14.85	-5.00	-5.00	-5.00	33.00	-20.00	-15.00	-5.00	-10.00	-15.00
423595	66.9547	150.8110	7.	13.0	-9999.	2.48	-5.00	-5.00	-5.00	23.00	-20.00	43.00	7.00	-10.00	-15.00

APPLES LAKE SEDIMENT

PG. TWO - SAMPLE SET

SAMPLE NO.	AS PPM	SE PPM	TP PPM	MP PPM	RF PPM	LT PPM	AL PPM	MT PPM	PA PPM	CA PPM	CF PPM	CL PPM	CO PPM
423507	17.00	-5.00	65.00	-9999.00	-9999.00	-9999.00	49760.00	-1.17	1875.00	7514.00	43.00	321.00	24.70
423509	42.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	66996.00	-1.16	537.00	4842.00	67.00	-113.00	25.30
423510	9.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	68930.00	-1.15	445.00	-1028.00	79.00	-104.00	19.30
423511	10.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	49370.00	-1.11	453.00	10650.00	64.00	-102.00	14.40
423512	8.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	67030.00	-1.12	584.00	5431.00	78.00	-99.00	17.50
423513	12.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	68330.00	-1.14	796.00	6920.00	69.00	-106.00	24.00
423516	10.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	61300.00	-1.12	638.00	9641.00	75.00	-96.00	14.10
423517	17.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	62700.00	-1.15	950.00	5393.00	66.00	-103.00	16.20
423518	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	65970.00	-1.15	667.00	13700.00	70.00	-122.00	22.20
423519	-5.00	-5.00	156.00	-9999.00	-9999.00	-9999.00	61800.00	-1.10	766.00	7417.00	72.00	-91.00	8.20
423520	5.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	63550.00	-1.10	591.00	5518.00	83.00	-91.00	16.10
423522	14.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	61440.00	-1.09	736.00	5953.00	67.00	-104.00	17.70
423523	9.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	76660.00	-1.12	887.00	4163.00	73.00	-92.00	19.30
423525	8.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	62080.00	-1.10	622.00	4831.00	78.00	-88.00	13.70
423526	8.00	-5.00	50.00	-9999.00	-9999.00	-9999.00	36260.00	-1.12	630.00	11620.00	39.00	228.00	7.90
423527	7.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	68270.00	-1.11	476.00	4978.00	65.00	-105.00	20.20
423528	12.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	70220.00	-1.12	786.00	8423.00	80.00	-97.00	15.30
423529	13.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	57020.00	-1.09	491.00	4794.00	89.00	-83.00	11.10
423532	13.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	66690.00	-1.11	921.00	7385.00	88.00	-97.00	14.00
423533	-5.00	-5.00	181.00	-9999.00	-9999.00	-9999.00	65830.00	-1.10	590.00	5180.00	86.00	-90.00	13.00
423534	6.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	62240.00	-1.09	783.00	-732.00	64.00	-40.00	16.10
423535	5.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	64130.00	-1.11	742.00	8673.00	59.00	-115.00	20.70
423536	-5.00	-5.00	59.00	-9999.00	-9999.00	-9999.00	34510.00	-1.17	436.00	-1302.00	32.00	-97.00	8.50
423537	-5.00	-5.00	142.00	-9999.00	-9999.00	-9999.00	61770.00	-1.11	774.00	9994.00	64.00	-104.00	19.80
423538	5.00	-5.00	147.00	-9999.00	-9999.00	-9999.00	59010.00	-1.13	724.00	8758.00	67.00	-91.00	16.00
423539	6.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	76600.00	-1.14	884.00	5726.00	83.00	-94.00	17.30
423540	31.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	60700.00	-1.14	841.00	5673.00	78.00	-91.00	20.30
423566	11.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	54400.00	-1.11	916.00	7980.00	59.00	-104.00	20.10
423567	-5.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	68400.00	-1.12	915.00	15010.00	89.00	-117.00	15.30
423568	7.00	-5.00	117.00	-9999.00	-9999.00	-9999.00	64280.00	-1.14	912.00	-1069.00	44.00	-107.00	9.50
423569	17.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	72440.00	-1.12	769.00	6218.00	88.00	-97.00	10.10
423570	9.00	-5.00	156.00	-9999.00	-9999.00	-9999.00	68710.00	-1.12	91.00	5477.00	73.00	-100.00	13.40
423571	13.00	-5.00	104.00	-9999.00	-9999.00	-9999.00	70409.00	-1.13	57.00	-844.00	82.00	-94.00	9.50
423572	10.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	55740.00	-1.08	689.00	10920.00	78.00	-103.00	17.30
423573	9.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	62260.00	-1.10	619.00	9804.00	82.00	-93.00	16.40
423574	-5.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	68690.00	-1.11	811.00	-980.00	72.00	-102.00	11.60
423575	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	69320.00	-1.09	622.00	4606.00	66.00	-84.00	12.00
423577	10.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	52090.00	-1.14	602.00	-1464.00	77.00	-95.00	17.70
423578	-5.00	-5.00	27.00	-9999.00	-9999.00	-9999.00	12390.00	-1.16	-200.00	-2174.00	-13.00	-93.00	-3.80
423579	11.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	68810.00	-1.09	755.00	4995.00	70.00	-88.00	10.20
423580	10.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	76450.00	-1.11	898.00	5451.00	71.00	-114.00	20.80
423581	7.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	64860.00	-1.14	1045.00	5116.00	103.00	-107.00	23.20
423582	21.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	73520.00	-1.13	605.00	-965.00	71.00	-99.00	35.10
423583	7.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	50190.00	-1.07	369.00	5974.00	82.00	-100.00	14.10
423584	-5.00	-5.00	184.00	-9999.00	-9999.00	-9999.00	72540.00	-1.10	715.00	17470.00	84.00	-121.00	19.30
423585	15.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	106700.00	-1.17	1174.00	3714.00	108.00	-122.00	29.10
423587	17.00	-5.00	122.00	-9999.00	-9999.00	-9999.00	93380.00	-1.13	1055.00	-876.00	85.00	-96.00	27.20
423594	-5.00	-5.00	14.00	-9999.00	-9999.00	-9999.00	7467.00	-1.19	-258.00	-3009.00	-15.00	-121.00	-4.40
423595	6.00	26.00	47.00	-9999.00	-9999.00	-9999.00	30770.00	-1.13	370.00	28030.00	34.00	271.00	10.70
423595	10.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	73009.00	-1.11	941.00	5477.00	77.00	-98.00	25.40

BETTLES LAKE SEDIMENT

PG. THREE - SAMPLE SET

8

SAMPLE NO.	CR PPM	CS PPM	CO PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MC PPM	MM PPM	NA PPM	PS PPM
423507	110.00	-2.20	3.00	1.30	25450.00	-1.70	10780.00	-15.00	-0.20	7054.00	460.00	5434.00	-56.00
423509	89.00	-3.00	6.00	1.50	73460.00	4.30	14890.00	39.00	.40	11550.00	1124.00	7710.00	-60.00
423510	100.00	5.40	6.00	1.60	39270.00	6.20	12370.00	38.00	.60	9610.00	327.00	10560.00	-40.00
423511	54.00	-2.10	5.00	1.00	42340.00	4.00	9448.00	31.00	.30	6874.00	679.00	9942.00	-41.00
423512	92.00	4.70	5.00	1.40	40150.00	5.50	11150.00	33.00	.60	8950.00	322.00	12730.00	77.00
423513	80.00	4.20	6.00	1.50	44070.00	5.60	16080.00	31.00	.40	10130.00	800.00	10530.00	72.00
423516	82.00	3.20	6.00	1.10	34390.00	6.30	9027.00	38.00	.30	9254.00	271.40	12100.00	-38.00
423517	94.00	-2.50	6.00	1.40	83760.00	5.10	11280.00	36.00	.30	7284.00	646.00	9219.00	-55.00
423518	125.00	3.50	6.00	1.40	43060.00	5.30	8815.00	27.00	.40	14150.00	687.00	13640.00	-41.00
423519	83.00	3.20	5.00	1.30	22670.00	6.50	12490.00	34.00	.30	8095.00	232.00	11050.00	-34.00
423520	81.00	4.30	5.00	1.30	38090.00	5.30	10220.00	36.00	.40	11050.00	327.00	10330.00	-40.00
423522	91.00	3.80	6.00	1.40	42120.00	5.40	11110.00	38.00	.40	10190.00	591.00	11000.00	76.00
423523	105.00	5.30	5.00	1.00	44790.00	4.40	15310.00	26.00	.30	9612.00	395.00	9350.00	-43.00
423525	86.00	3.70	5.00	1.30	35120.00	4.90	9264.00	29.00	.40	8594.00	368.00	10940.00	-38.00
423526	53.00	-2.50	4.00	-0.40	15490.00	-1.60	-3184.00	15.00	.20	3218.00	201.00	4063.00	-47.00
423527	103.00	4.90	6.00	1.30	41020.00	5.10	11700.00	35.00	.40	8356.00	434.00	9767.00	-44.00
423528	103.00	-2.40	6.00	1.40	41580.00	5.00	12170.00	37.00	.40	10850.00	466.00	10150.00	-92.00
423529	67.00	-1.90	5.00	1.10	29020.00	6.80	7970.00	34.00	.40	6782.00	347.00	10640.00	-35.00
423532	112.00	5.00	6.00	1.70	42340.00	5.40	13350.00	36.00	.40	9685.00	443.00	10900.00	-41.00
423533	69.00	3.70	5.00	1.10	36290.00	5.00	12040.00	28.00	.30	8935.00	324.00	12170.00	-37.00
423534	79.00	-1.90	6.00	1.30	33620.00	5.70	9083.00	32.00	.50	9490.00	369.00	11120.00	-24.00
423535	104.00	3.50	5.00	1.40	39430.00	4.90	10730.00	28.00	.40	10190.00	569.00	11450.00	-45.00
423536	57.00	-2.70	3.00	-0.40	16200.00	-1.70	8652.00	-15.00	.30	-1425.00	139.00	4962.00	-52.00
423537	141.00	3.40	6.00	1.50	39810.00	6.80	9529.00	24.00	.40	11780.00	513.00	12090.00	-32.00
423538	126.00	-2.20	6.00	1.70	34310.00	6.10	9054.00	25.00	.50	9101.00	377.00	11590.00	-37.00
423539	100.00	-2.40	6.00	1.40	40670.00	4.80	13150.00	39.00	.30	9745.00	349.00	10920.00	-45.00
423540	95.00	5.90	7.00	1.70	66790.00	5.60	11470.00	43.00	.40	7344.00	557.00	4516.00	-45.00
423566	95.00	2.90	6.00	1.50	34380.00	4.60	6941.00	24.00	-0.10	6583.00	369.00	7281.00	-45.00
423567	91.00	5.50	5.00	1.70	31880.00	6.30	12790.00	45.00	.40	11580.00	468.00	12850.00	70.00
423568	82.00	-2.90	4.00	1.10	27330.00	5.20	9723.00	35.00	.30	6152.00	248.00	8638.00	-31.00
423569	94.00	6.40	5.00	1.40	45510.00	6.40	16290.00	30.00	.40	7153.00	318.00	7641.00	84.00
423570	88.00	-2.50	5.00	1.80	29570.00	5.90	15610.00	28.00	.40	9228.00	364.00	10610.00	-39.00
423571	105.00	6.40	5.00	1.20	28500.00	4.20	10560.00	-10.00	.40	7219.00	221.00	4474.00	-44.00
423572	83.00	4.10	6.00	1.60	39970.00	6.90	11760.00	33.00	.40	8533.00	597.00	11630.00	-39.00
423573	106.00	3.90	6.00	1.50	41760.00	6.10	10940.00	35.00	.30	12760.00	547.00	11570.00	-34.00
423574	70.00	3.60	5.00	1.30	27910.00	5.70	13440.00	24.00	.30	8950.00	261.00	10900.00	-42.00
423575	98.00	4.50	6.00	1.00	37510.00	6.20	11130.00	34.00	.30	6725.00	280.00	9725.00	-33.00
423577	75.00	-3.80	9.00	2.20	21980.00	-2.20	-3547.00	-10.00	.50	5350.00	235.00	3694.00	-68.00
423578	-19.00	-3.20	2.00	-0.60	4081.00	-2.20	-3108.00	-15.00	-0.20	-1454.00	102.00	1425.00	-44.00
423579	101.00	4.60	6.00	1.20	29910.00	5.20	12650.00	29.00	.30	7782.00	203.00	9821.00	-35.00
423580	112.00	-2.50	7.00	1.50	44180.00	5.10	16510.00	40.00	.40	10770.00	427.00	10080.00	-46.00
423581	119.00	6.20	7.00	1.60	49030.00	6.10	19260.00	37.00	.50	11140.00	445.00	10320.00	-42.00
423582	95.00	5.60	5.00	1.30	41740.00	4.60	15660.00	31.00	.50	8715.00	502.00	8880.00	-31.00
423583	72.00	2.60	6.00	1.20	33900.00	5.70	6995.00	28.00	.30	7699.00	699.00	13600.00	-30.00
423584	101.00	5.00	7.00	1.70	48830.00	4.50	12880.00	42.00	.50	13680.00	783.00	13070.00	-39.00
423585	150.00	6.30	6.00	1.90	94010.00	4.20	24050.00	39.00	.60	14390.00	903.00	8997.00	-42.00
423587	127.00	9.40	7.00	2.10	51450.00	5.60	17910.00	36.00	.40	12980.00	254.00	7467.00	-53.00
423591	-24.00	-3.40	-2.00	-0.70	-2822.00	-2.60	-3119.00	-19.00	-0.30	-2123.00	89.00	737.00	-79.00
423594	43.00	-2.80	4.00	1.00	14540.00	-1.90	-2883.00	-10.00	-0.20	9391.00	116.00	3664.00	-51.00
423595	117.00	4.20	5.00	1.40	44100.00	4.80	13270.00	31.00	.30	10740.00	432.00	9532.00	-44.00

NETTLES LAKE SEGMENT

PC. FOUR - SAMPLE SET

SAMPLE NO.	SR PPM	SC PPM	SH PPM	SR PPM	TA PPM	TA PPM	TH PPM	TI PPM	V PPM	YB PPM	ZN PPM	TH/U PPM
423507	-5.00	10.60	4.80	-260.00	-3.00	-1.00	7.40	2574.00	120.00	-3.10	483.00	3.47200
423509	-5.00	15.30	5.60	-284.00	-3.00	-1.00	11.20	5307.00	172.00	4.00	774.00	3.19500
423510	-4.00	16.90	7.50	-244.00	-2.00	-1.00	9.40	5367.00	151.00	3.10	94.00	3.54600
423511	-4.00	12.40	4.00	-314.00	-2.00	-1.00	7.90	3443.00	104.00	-2.00	-52.00	2.79300
423512	-3.00	15.40	5.80	-233.00	-2.00	-1.00	9.50	3794.00	142.00	5.20	-143.00	3.71700
423513	-4.00	16.10	5.60	-293.00	-2.00	-1.00	10.30	5054.00	144.00	-2.60	150.00	3.80700
423516	-3.00	14.40	5.00	-251.00	-1.00	-1.00	8.10	4491.00	127.00	3.70	-53.00	3.25700
423517	-4.00	13.40	6.10	-277.00	-2.00	-1.00	8.50	4757.00	129.00	4.60	-77.00	3.35600
423518	-4.00	19.20	6.30	-294.00	-2.00	-1.00	7.40	5696.00	175.00	4.00	135.00	2.93300
423519	-3.00	13.70	6.20	-224.00	-2.00	-1.00	8.80	5142.00	130.00	2.50	-22.00	3.24700
423520	-3.00	16.30	5.80	-226.00	-7.00	-1.00	8.00	5271.00	125.00	3.60	-12.00	2.94100
423522	-3.00	14.50	5.40	-262.00	-2.00	-1.00	8.70	4940.00	133.00	4.00	113.00	3.12500
423523	-3.00	16.90	5.70	-270.00	-2.00	-1.00	8.60	4692.00	165.00	3.40	-54.00	3.27600
423525	-3.00	15.40	5.90	-214.00	-1.00	-1.00	7.50	4066.00	127.00	-1.90	-53.00	2.84900
423526	-3.00	9.20	2.70	-232.00	-3.00	-1.00	5.40	2694.00	47.00	-2.30	-12.00	2.84100
423527	-3.00	14.00	5.20	-259.00	-2.00	-1.00	10.00	4890.00	142.00	6.00	140.00	3.57100
423528	-3.00	16.00	6.90	-274.00	-7.00	-1.00	9.90	4783.00	141.00	3.60	-116.00	3.93400
423529	-2.00	13.60	4.60	-204.00	-2.00	-1.00	7.70	3909.00	129.00	2.60	-50.00	2.80100
423532	-3.00	16.00	6.80	-271.00	-2.00	-1.00	10.50	4933.00	143.00	5.10	-117.00	3.49100
423533	-3.00	15.30	4.80	-210.00	-1.00	-1.00	8.10	4746.00	123.00	3.40	-53.00	2.99500
423534	-2.00	13.80	5.30	-209.00	-2.00	-1.00	8.90	4814.00	127.00	3.80	-131.00	3.34400
423535	-3.00	14.00	5.80	-248.00	-2.00	-1.00	6.40	4469.00	149.00	2.90	-175.00	2.69100
423536	-5.00	16.40	3.50	-233.00	-3.00	-1.00	6.20	2295.00	71.00	-3.00	-61.00	3.13500
423537	-3.00	17.60	5.80	-243.00	-1.00	-1.00	9.50	5944.00	148.00	4.60	132.00	3.93700
423538	-4.00	15.70	6.20	-246.00	-1.00	-1.00	8.30	5465.00	144.00	7.90	-103.00	3.57100
423539	-4.00	14.70	6.10	-237.00	-2.00	-1.00	9.90	5069.00	153.00	-7.20	-58.00	3.37400
423540	-4.00	15.00	7.90	-267.00	-2.00	-1.00	13.10	5172.00	127.00	-2.30	105.00	3.62300
423566	-3.00	14.00	5.00	-244.00	-3.00	-1.00	7.60	3402.00	152.00	-2.10	83.00	2.51900
423567	-3.00	17.20	5.60	-310.00	-2.00	-1.00	15.40	4935.00	146.00	-2.10	125.00	2.49400
423568	-4.00	14.20	5.10	-265.00	-2.00	-1.00	9.80	4554.00	123.00	3.50	-16.00	3.19500
423569	-3.00	14.00	5.30	-276.00	-2.00	-1.00	8.70	5145.00	154.00	3.80	-14.00	3.35600
423570	-3.00	19.70	4.50	-293.00	-2.00	-1.00	4.50	5330.00	163.00	-2.50	-63.00	2.37000
423571	-4.00	19.60	6.60	-224.00	-2.00	-1.00	9.20	4645.00	153.00	-2.80	-47.00	3.25700
423572	-2.00	14.80	6.30	-253.00	-1.00	-1.00	9.80	4967.00	133.00	3.30	144.00	3.20500
423573	-3.00	16.50	6.20	-274.00	-2.00	-1.00	10.80	4908.00	148.00	3.20	115.00	3.65000
423574	-3.00	16.10	4.00	-242.00	-2.00	-1.00	6.10	4400.00	136.00	3.20	-74.00	2.36400
423575	-2.00	15.10	5.50	-191.00	-1.00	-1.00	8.50	5805.00	146.00	-2.00	94.00	3.19500
423577	-5.00	17.20	9.80	-312.00	-4.00	-1.00	7.70	2954.00	104.00	9.10	-134.00	2.87400
423578	-4.00	4.10	2.40	-273.00	4.00	-1.00	-2.30	4499.00	35.00	-3.10	-119.00	0.00000
423579	-3.00	15.20	5.00	-185.00	-1.00	-1.00	8.00	5477.00	149.00	2.50	73.00	3.24900
423580	-3.00	18.80	6.50	-270.00	-2.00	-1.00	10.30	5910.00	177.00	3.70	-177.00	3.42500
423581	-4.00	20.00	7.80	-104.00	-2.00	-1.00	11.40	5894.00	184.00	-3.10	192.00	3.54600
423582	-3.00	20.50	5.90	-244.00	-7.00	-1.00	10.70	5214.00	163.00	-2.10	-71.00	3.41300
423583	-2.00	11.40	5.50	-252.00	-7.00	-9999.00	7.40	4259.00	110.00	3.40	-90.00	3.37800
423584	-3.00	17.40	7.80	-104.00	-2.00	-1.00	11.70	7732.00	151.00	5.20	157.00	2.47500
423585	-5.00	25.90	7.80	-439.00	-3.00	-1.00	14.00	6095.00	254.00	7.60	-224.00	3.55900
423587	-4.00	23.00	5.20	-255.00	-3.00	-1.00	11.30	5822.00	210.00	-3.70	-74.00	3.33300
423591	-5.00	3.10	-1.40	-294.00	-4.00	-1.00	-2.80	4499.00	-8.00	-3.50	-132.00	0.00000
423594	-4.00	11.10	4.80	-273.00	-3.00	-1.00	4.20	1237.00	66.00	-2.60	-87.00	2.7100
423595	-3.00	14.60	6.30	-244.00	-2.00	-1.00	9.10	5727.00	177.00	9.20	170.00	3.14500

NETTIES LAKE SEDIMENT

PC. ONE - SAMPLE SET

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	CELESTINE PPM	COPPER PPM	NICKEL PPM	LEAD PPM	TIN PPM	WOLFRAM PPM		
423597	65.9494	150.9449	7.	13.0	-9999.	2.24	-5.00	-5.00	-5.00	37.00	-20.00	31.00	9.00	-10.00	-15.00
423599	65.9722	150.7142	7.	26.0	-9999.	2.50	-5.00	-5.00	-5.00	41.00	-20.00	39.00	10.00	-10.00	-15.00
423601	66.5283	150.7917	5.	3.0	-9999.	3.47	-5.00	-5.00	-5.00	37.00	-20.00	33.00	9.00	-10.00	-15.00
423602	66.5378	150.8809	5.	6.0	-9999.	1.71	-5.00	-5.00	-5.00	35.00	-20.00	-15.00	-5.00	-10.00	-15.00
423603	66.5629	150.9547	4.	8.0	-9999.	3.37	-5.00	-5.00	-5.00	30.00	-20.00	28.00	10.00	-10.00	-15.00
423604	66.5677	150.9261	5.	15.0	-9999.	5.79	-5.00	6.00	-5.00	25.00	-20.00	19.00	20.00	-10.00	-15.00
423615	66.4076	150.4217	6.	27.0	-9999.	7.78	-5.00	6.00	-5.00	26.00	-20.00	16.00	15.00	-10.00	-15.00
423616	66.3978	150.4600	6.	1.0	-9999.	14.43	-5.00	8.00	-5.00	38.00	-20.00	25.00	19.00	-10.00	-15.00
423617	66.4125	150.4833	6.	3.0	-9999.	10.48	-5.00	5.00	-5.00	28.00	-20.00	-15.00	27.00	-10.00	-15.00
423620	66.4361	150.6633	6.	8.0	-9999.	4.75	-5.00	-5.00	-5.00	49.00	-20.00	34.00	9.00	-10.00	-15.00
423622	66.4439	150.5758	5.	16.0	-9999.	7.60	-5.00	-5.00	-5.00	70.00	-20.00	-15.00	8.00	-10.00	-15.00
423623	66.4333	150.4989	6.	-9999.0	-9999.	7.58	-5.00	7.00	-5.00	20.00	-20.00	24.00	13.00	-10.00	-15.00
423625	66.4683	150.5261	6.	25.0	-9999.	1.99	-5.00	-5.00	-5.00	48.00	-20.00	31.00	6.00	-10.00	-15.00
423627	66.4711	150.5756	6.	13.0	-9999.	35.57	-5.00	5.00	-5.00	32.00	-20.00	16.00	-5.00	-10.00	-15.00
423637	66.5914	151.0236	4.	6.0	-9999.	3.95	-5.00	-5.00	-5.00	32.00	-20.00	36.00	13.00	-10.00	-15.00
423638	66.5822	151.0167	5.	6.0	-9999.	5.37	-5.00	6.00	-5.00	33.00	-20.00	33.00	11.00	-10.00	-15.00
423666	66.8083	150.4472	6.	21.0	-9999.	2.99	-5.00	-5.00	-5.00	43.00	-20.00	28.00	6.00	-10.00	-15.00
423677	66.8406	150.5747	7.	41.0	-9999.	4.25	-5.00	5.00	-5.00	33.00	-20.00	28.00	17.00	-10.00	-15.00
423678	66.8628	150.4956	4.	2.0	-9999.	2.90	-5.00	-5.00	-5.00	46.00	-20.00	22.00	8.00	-10.00	-15.00
423680	66.8936	150.4467	7.	13.0	-9999.	5.55	5.00	8.00	-5.00	49.00	-20.00	29.00	13.00	-10.00	-15.00
423681	66.9211	150.4475	5.	4.0	-9999.	2.52	-5.00	-5.00	-5.00	53.00	-20.00	34.00	-5.00	-10.00	-15.00
423682	66.9197	150.3739	6.	28.0	-9999.	7.40	-5.00	7.00	-5.00	35.00	-20.00	33.00	19.00	-10.00	-15.00
423685	66.9200	150.1408	6.	7.0	-9999.	14.40	-5.00	7.00	-5.00	32.00	-20.00	30.00	18.00	-10.00	-15.00
423688	66.9442	150.0572	7.	1.0	-9999.	9.55	-5.00	-5.00	-5.00	52.00	-20.00	15.00	12.00	-10.00	-15.00
423689	66.9892	150.0109	6.	67.0	-9999.	11.52	-5.00	7.00	-5.00	49.00	-20.00	29.00	10.00	-10.00	-15.00
423690	66.9578	150.3881	7.	6.0	-9999.	5.10	-5.00	-5.00	-5.00	42.00	-20.00	27.00	14.00	-10.00	-15.00
423694	66.8347	150.7483	7.	8.0	-9999.	6.51	-5.00	10.00	-5.00	52.00	-20.00	45.00	24.00	-10.00	-15.00
423696	66.8147	150.9197	5.	1.0	-9999.	2.23	-5.00	9.00	-5.00	36.00	-20.00	25.00	8.00	-10.00	-15.00
423697	66.8272	150.9544	6.	8.0	-9999.	2.69	-5.00	-5.00	-5.00	43.00	-20.00	41.00	6.00	-10.00	-15.00
423710	66.9964	150.4786	6.	6.0	-9999.	3.23	-5.00	-5.00	-5.00	44.00	-20.00	40.00	20.00	-10.00	-15.00
423714	66.9492	150.5183	5.	7.0	-9999.	2.47	-5.00	-5.00	-5.00	19.00	-20.00	42.00	9.00	-10.00	-15.00
423716	66.6908	151.2761	5.	5.0	-9999.	2.35	-5.00	-5.00	-5.00	31.00	-20.00	-15.00	-5.00	-10.00	-15.00
423717	66.7003	151.3583	5.	13.0	-9999.	3.43	-5.00	-5.00	-5.00	50.00	-20.00	41.00	8.00	-10.00	-15.00
423718	66.7186	151.4153	5.	8.0	-9999.	2.99	-5.00	-5.00	-5.00	53.00	-20.00	32.00	10.00	-10.00	-15.00
423719	66.8617	151.7194	6.	79.0	-9999.	2.59	-5.00	5.00	-5.00	36.00	-20.00	49.00	9.00	-10.00	-15.00
423720	66.8533	151.8103	7.	47.0	-9999.	2.91	-5.00	-5.00	-5.00	40.00	-20.00	49.00	6.00	-10.00	-15.00
423723	66.8386	151.9492	7.	75.0	-9999.	2.56	-5.00	-5.00	-5.00	25.00	-20.00	36.00	13.00	-10.00	-15.00
423724	66.8361	152.0128	6.	21.0	-9999.	2.50	-5.00	-5.00	-5.00	17.00	-20.00	20.00	8.00	-10.00	-15.00
423725	66.8826	152.0050	5.	4.0	-9999.	2.45	-5.00	-5.00	-5.00	10.00	-20.00	23.00	6.00	-10.00	-15.00
423726	66.8830	152.1167	7.	148.0	-9999.	4.04	-5.00	-5.00	11.00	25.00	-20.00	21.00	-5.00	-10.00	-15.00
423729	66.8917	152.3147	6.	17.0	-9999.	2.58	-5.00	5.00	-5.00	43.00	-20.00	45.00	5.00	-10.00	-15.00
423729	66.8969	152.3883	7.	15.0	-9999.	2.79	-5.00	-5.00	-5.00	54.00	-20.00	58.00	10.00	-10.00	-15.00
423730	66.8933	152.4444	6.	9.0	-9999.	2.21	-5.00	-5.00	-5.00	28.00	-20.00	41.00	-5.00	-10.00	-15.00
423735	66.8875	152.1849	6.	10.0	-9999.	2.52	-5.00	-5.00	-5.00	46.00	-20.00	33.00	6.00	-10.00	-15.00
423744	66.9014	152.6822	6.	34.0	-9999.	1.55	-5.00	-5.00	-5.00	42.00	-20.00	-15.00	-5.00	-10.00	-15.00
423746	66.9308	151.7858	6.	7.0	-9999.	2.14	-5.00	-5.00	-5.00	85.00	-20.00	31.00	5.00	-10.00	-15.00
423747	66.9341	151.8369	6.	19.0	-9999.	2.91	-5.00	-5.00	-5.00	23.00	-20.00	42.00	-5.00	-10.00	-15.00
423748	66.9381	151.8949	6.	8.0	-9999.	2.53	-5.00	-5.00	-5.00	14.00	-20.00	23.00	5.00	-10.00	-15.00
423749	66.9241	152.0072	6.	17.0	-9999.	2.68	-5.00	-5.00	-5.00	27.00	-20.00	34.00	5.00	-10.00	-15.00
423750	66.9127	152.0664	6.	2.0	-9999.	2.96	-5.00	-5.00	-5.00	38.00	-20.00	28.00	10.00	-10.00	-15.00

RETAILS LAKE SEDIMENT

PG. TWO - SAMPLE SET 0

SAMPLE NO.	AS PPM	SE PPM	ZP PPM	MO PPM	RE PPM	LI PPM	AL PPM	AU PPM	SA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423597	7.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	71490.00	-0.11	801.00	9577.00	63.00	-125.00	21.10
423599	-5.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	69780.00	-0.13	943.00	11130.00	76.00	-117.00	26.00
423601	16.00	-5.00	197.00	-9999.00	-9999.00	-9999.00	67550.00	-0.10	896.00	7055.00	84.00	-104.00	23.30
423602	6.00	-5.00	33.00	-9999.00	-9999.00	-9999.00	11340.00	-0.14	-214.00	12780.00	23.00	336.00	-2.00
423603	15.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	71980.00	-0.11	956.00	7118.00	99.00	-106.00	31.00
423604	9.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	77360.00	-0.09	950.00	10760.00	91.00	-99.00	17.40
423615	13.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	46480.00	-0.14	607.00	9565.00	114.00	-134.00	19.00
423616	7.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	63630.00	-0.13	907.00	6857.00	122.00	-114.00	19.30
423617	7.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	72490.00	-0.13	1115.00	10720.00	149.00	-125.00	17.00
423620	5.00	-5.00	213.00	-9999.00	-9999.00	-9999.00	59920.00	-0.13	857.00	15520.00	93.00	-141.00	17.20
423622	6.00	-5.00	53.00	-9999.00	-9999.00	-9999.00	32590.00	-0.19	470.00	-1299.00	61.00	-115.00	8.00
423623	7.00	-5.00	266.00	-9999.00	-9999.00	-9999.00	66300.00	-0.11	690.00	12100.00	177.00	-176.00	12.00
423625	11.00	-5.00	67.00	-9999.00	-9999.00	-9999.00	39070.00	-0.11	547.00	6635.00	49.00	237.00	14.00
423627	8.00	-5.00	73.00	-9999.00	-9999.00	-9999.00	35360.00	-0.16	614.00	-1714.00	173.00	-113.00	12.00
423637	10.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	65750.00	-0.11	998.00	10260.00	96.00	-98.00	14.80
423638	14.00	-5.00	184.00	-9999.00	-9999.00	-9999.00	78050.00	-0.13	743.00	8544.00	92.00	-107.00	21.70
423646	13.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	66840.00	-0.12	1001.00	9513.00	73.00	-116.00	19.80
423677	5.00	-5.00	189.00	-9999.00	-9999.00	-9999.00	65670.00	-0.11	887.00	13900.00	79.00	-127.00	19.40
423678	8.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	58730.00	-0.13	650.00	-952.00	75.00	-102.00	6.80
423680	12.00	-5.00	190.00	-9999.00	-9999.00	-9999.00	73110.00	-0.11	874.00	17660.00	85.00	-111.00	20.70
423681	9.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	56500.00	-0.13	1345.00	9313.00	49.00	-139.00	17.70
423682	7.00	-5.00	210.00	-9999.00	-9999.00	-9999.00	69740.00	-0.13	959.00	18940.00	111.00	-109.00	16.80
423685	10.00	-5.00	216.00	-9999.00	-9999.00	-9999.00	69480.00	-0.12	1110.00	17680.00	131.00	-139.00	18.40
423688	10.00	-5.00	492.00	-9999.00	-9999.00	-9999.00	70060.00	-0.13	706.00	23070.00	184.00	-113.00	22.10
423699	13.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	67150.00	-0.10	741.00	12840.00	78.00	-122.00	16.50
423690	9.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	72470.00	-0.14	897.00	10030.00	114.00	-113.00	19.80
423694	14.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	87650.00	-0.15	1185.00	-781.00	128.00	-105.00	21.70
423696	12.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	51540.00	-0.16	737.00	-1458.00	37.00	-115.00	9.00
423697	10.00	-5.00	170.00	-9999.00	-9999.00	-9999.00	63970.00	-0.11	846.00	8435.00	67.00	-101.00	14.10
423710	11.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	69630.00	-0.13	940.00	-894.00	94.00	-123.00	34.20
423714	-5.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	62360.00	-0.11	801.00	5745.00	40.00	-115.00	19.20
423716	6.00	-5.00	79.00	-9999.00	-9999.00	-9999.00	41360.00	-0.16	619.00	12380.00	41.00	-112.00	7.10
423717	12.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	88050.00	-0.16	1054.00	5161.00	91.00	-120.00	22.80
423718	-5.00	-5.00	86.00	-9999.00	-9999.00	-9999.00	48500.00	-0.16	606.00	10730.00	52.00	-133.00	12.80
423719	10.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	77110.00	-0.14	640.00	-1069.00	75.00	-104.00	21.00
423723	14.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	79220.00	-0.13	909.00	6217.00	79.00	-96.00	25.10
423724	6.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	64060.00	-0.11	564.00	7084.00	76.00	-106.00	16.60
423725	5.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	54090.00	-0.09	584.00	5528.00	78.00	-89.00	17.50
423726	7.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	68500.00	-0.11	743.00	-1077.00	61.00	-117.00	18.60
423728	5.00	-5.00	103.00	-9999.00	-9999.00	-9999.00	54340.00	-0.13	724.00	9195.00	58.00	-100.00	43.80
423729	6.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	64340.00	-0.11	795.00	9065.00	80.00	-96.00	21.70
423731	7.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	75160.00	-0.11	916.00	12480.00	81.00	-117.00	24.70
423733	-5.00	-5.00	141.00	-9999.00	-9999.00	-9999.00	67190.00	-0.10	776.00	7408.00	69.00	-94.00	15.60
423744	-5.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	65160.00	-0.12	734.00	6374.00	50.00	-125.00	14.10
423746	9.00	-5.00	30.00	-9999.00	-9999.00	-9999.00	11730.00	-0.17	323.00	9302.00	-11.00	-77.00	12.40
423747	12.00	-5.00	72.00	-9999.00	-9999.00	-9999.00	44960.00	-0.23	414.00	12020.00	-7.00	-99.00	-1.80
423748	-5.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	76510.00	-0.32	703.00	-792.00	81.00	-106.00	21.70
423749	5.00	-5.00	189.00	-9999.00	-9999.00	-9999.00	54000.00	-0.25	512.00	5649.00	84.00	-91.00	12.10
423750	5.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	61780.00	-0.26	714.00	-701.00	79.00	-104.00	32.10
423750	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	73670.00	-0.30	924.00	5682.00	77.00	-99.00	13.40

NETTLES LAKE SEDIMENT

PG. THREE - SAMPLE SET

9

SAMPLE NO.	CA PPM	CS PPM	CV PPM	EH PPM	FF PPM	HF PPM	F PPM	LA PPM	LI PPM	MG PPM	MN PPM	NA PPM	PN PPM
423597	95.00	-2.40	6.00	1.40	38700.00	4.70	10700.00	28.00	.40	9920.00	636.00	12470.00	-44.00
423599	110.00	-2.80	5.00	1.30	47100.00	4.70	-4042.00	27.00	.40	13090.00	729.00	10910.00	-47.00
423601	98.00	5.10	6.00	1.50	43000.00	4.90	13370.00	40.00	.40	8284.00	472.00	9743.00	103.00
423602	-19.00	-2.70	3.00	-.50	7811.00	-2.10	-3202.00	-11.00	-.20	-1744.00	206.00	1218.00	-53.00
423603	97.00	8.80	5.00	1.60	48770.00	6.90	14750.00	40.00	.30	10080.00	916.00	9846.00	96.00
423604	83.00	11.00	7.00	1.50	33540.00	6.70	19280.00	39.00	.50	9166.00	447.00	12290.00	133.00
423615	52.00	5.10	4.00	-.50	33240.00	4.50	-5108.00	59.00	.30	5797.00	899.00	7454.00	-55.00
423616	92.00	6.40	6.00	1.40	33190.00	4.60	15280.00	61.00	.40	9518.00	397.00	8709.00	94.00
423617	72.00	6.30	7.00	1.60	34810.00	5.90	17720.00	58.00	.50	10470.00	611.00	10580.00	114.00
423620	125.00	5.00	7.00	1.20	27140.00	8.10	14210.00	40.00	.30	9215.00	475.00	12620.00	99.00
423622	-20.00	-3.30	4.00	-.60	16700.00	-2.10	-4264.00	-13.00	-.20	-2242.00	297.00	3212.00	-65.00
423623	70.00	6.00	6.00	1.40	29710.00	7.50	18540.00	59.00	.50	9707.00	487.00	13790.00	-42.00
423625	77.00	-2.40	4.00	1.10	17810.00	-1.50	6228.00	22.00	.40	5652.00	273.00	3729.00	-39.00
423627	-21.00	-3.00	9.00	1.60	19420.00	-2.10	-4177.00	97.00	.50	5540.00	293.00	4503.00	-50.00
423637	104.00	5.70	6.00	1.60	27570.00	6.50	14430.00	35.00	.40	9057.00	269.00	9966.00	-39.00
423638	100.00	10.40	6.00	1.10	39720.00	6.10	18260.00	50.00	.30	11560.00	445.00	9984.00	-49.00
423656	100.00	6.60	5.00	1.70	37880.00	6.00	14560.00	44.00	.30	9646.00	498.00	10240.00	-46.00
423677	93.00	5.40	6.00	1.60	32800.00	6.30	12480.00	36.00	.50	11930.00	392.00	12300.00	-46.00
423678	71.00	-2.60	6.00	1.40	19640.00	5.10	12440.00	36.00	.30	5285.00	203.00	8759.00	-45.00
423680	108.00	7.10	6.00	1.50	48480.00	7.30	12770.00	44.00	.30	13820.00	883.00	12460.00	89.00
423681	69.00	-2.90	5.00	1.20	23480.00	4.10	10790.00	33.00	.40	9255.00	398.00	8352.00	-57.00
423682	97.00	7.60	4.00	1.60	38510.00	7.30	15640.00	51.00	.50	13400.00	529.00	12260.00	105.00
423685	77.00	11.50	6.00	1.80	35070.00	7.90	11900.00	71.00	.40	14250.00	570.00	13990.00	105.00
423688	90.00	9.80	9.00	2.70	53440.00	17.70	12250.00	80.00	.40	15830.00	798.00	11420.00	-45.00
423689	90.00	7.90	6.00	1.40	40200.00	6.50	13090.00	41.00	.40	10730.00	649.00	13540.00	89.00
423690	117.00	6.00	6.00	1.30	33180.00	5.80	13680.00	47.00	.40	12000.00	446.00	11150.00	-46.00
423694	129.00	7.40	7.00	1.80	44830.00	5.00	20020.00	45.00	.40	11410.00	480.00	9071.00	-52.00
423696	53.00	-3.10	4.00	-.50	19270.00	-2.00	9233.00	-13.00	-.20	8473.00	190.00	6762.00	-50.00
423697	96.00	5.30	5.00	1.40	26510.00	5.50	12540.00	29.00	.40	8403.00	308.00	10490.00	-38.00
423710	113.00	4.80	7.00	1.70	41390.00	6.70	12110.00	40.00	.50	11430.00	451.00	9613.00	-52.00
423714	83.00	-2.40	6.00	1.30	25180.00	5.80	11280.00	36.00	.30	8682.00	310.00	9701.00	-44.00
423716	72.00	-3.10	3.00	.90	16620.00	-2.00	9569.00	-11.00	-.20	-2289.00	214.00	5697.00	-58.00
423717	119.00	-3.40	5.00	1.10	44310.00	-2.00	19850.00	29.00	.30	13500.00	606.00	8817.00	-60.00
423718	73.00	-3.20	5.00	.90	27440.00	3.10	10670.00	-9.00	-.20	7152.00	843.00	717.00	-54.00
423719	74.00	-3.00	5.00	1.40	39560.00	4.10	17650.00	25.00	.40	9243.00	434.00	7254.00	-53.00
423720	97.00	5.30	7.00	1.40	52590.00	4.80	17890.00	43.00	.30	12510.00	494.00	9595.00	-47.00
423723	91.00	3.80	5.00	1.50	40580.00	6.70	9504.00	38.00	.50	10190.00	636.00	11400.00	-38.00
423724	68.00	-1.90	7.00	1.10	40910.00	6.50	9499.00	31.00	.50	7768.00	475.00	11380.00	-37.00
423725	104.00	4.10	5.00	1.30	47080.00	4.00	14220.00	21.00	.40	8476.00	493.00	10060.00	-40.00
423726	90.00	6.70	5.00	1.10	163600.00	4.20	11070.00	32.00	.30	8218.00	1186.00	6629.00	-65.00
423728	105.00	-2.30	7.00	1.20	34010.00	4.60	8983.00	31.00	.40	11380.00	383.00	10840.00	-41.00
423729	138.00	5.60	7.00	1.70	44480.00	5.90	13520.00	33.00	.40	15300.00	748.00	10690.00	80.00
423730	100.00	4.30	6.00	1.50	38220.00	6.80	10450.00	31.00	.40	11370.00	376.00	11610.00	-39.00
423733	101.00	-2.40	5.00	1.00	28450.00	3.80	11120.00	27.00	.40	10420.00	302.00	9352.00	-43.00
423744	-20.00	-3.40	3.00	-.50	10315.00	-2.10	-3443.00	-13.00	-.20	-1578.00	294.00	791.00	-61.00
423746	-11.00	-1.50	5.00	-.30	-1140.00	-1.10	11660.00	-49.00	-.20	3744.00	223.00	4094.00	-38.00
423747	115.00	5.10	7.00	1.60	48120.00	5.70	15640.00	-32.00	.40	10220.00	440.00	9919.00	-54.00
423748	73.00	1.80	7.00	1.40	39900.00	7.80	8288.00	-25.00	.30	6991.00	335.00	10550.00	-35.00
423749	86.00	3.40	5.00	1.30	34110.00	5.40	10340.00	-28.00	.30	9881.00	306.00	10840.00	-43.00
423750	97.00	4.30	6.00	1.40	34340.00	5.10	15390.00	-34.00	.40	9709.00	346.00	10290.00	-43.00

RETEES LAKE SEDIMENT

PG. FMP - SAMPLE SET

SAMPLE NO.	SR PPM	SC PPM	SM PPM	SN PPM	TA PPM	TH PPM	TM PPM	TI PPM	V PPM	VB PPM	ZH PPM	TH/B RATIO
423597	-3.00	17.70	5.10	-309.00	-2.00	-1.00	7.20	5509.00	157.00	4.10	-189.00	2.83306
423599	-4.00	22.50	5.60	-330.00	-2.00	-1.00	7.10	5795.00	177.00	-2.60	-75.00	2.84100
423601	-3.00	14.70	6.40	-250.00	-2.00	-1.00	10.50	5444.00	141.00	4.10	-144.00	3.03000
423602	-4.00	3.40	1.90	-318.00	-4.00	-1.00	-7.20	-9999.00	28.00	-2.70	-90.00	0.00000
423603	-3.00	17.20	6.10	-329.00	-2.00	-1.00	9.80	4444.00	150.00	4.10	-67.00	2.90700
423604	-3.00	15.20	6.40	-232.00	-2.00	-1.00	17.30	4845.00	42.00	6.30	105.00	2.99500
423615	-4.00	10.80	6.40	-446.00	-2.00	-1.00	21.20	2403.00	68.00	-2.80	-95.00	2.72500
423616	-3.00	13.50	7.80	-287.00	-3.00	-1.00	21.90	3945.00	120.00	-2.20	-88.00	1.51700
423617	-4.00	12.90	11.00	-371.00	-3.00	-1.00	21.70	4714.00	116.00	7.60	-127.00	2.07000
423620	-4.00	11.30	7.20	-388.00	-2.00	-1.00	16.40	4697.00	90.00	-2.50	191.00	3.44800
423622	-4.00	7.20	-3.60	-343.00	-4.00	-1.00	9.30	-9999.00	71.00	-2.90	-93.00	1.22400
423623	-3.00	12.40	7.40	-285.00	-2.00	-1.00	20.90	3581.00	109.00	-1.90	-119.00	2.75500
423625	-3.00	9.70	4.70	-248.00	-3.00	-1.00	6.80	2492.00	85.00	-1.90	-145.00	3.41300
423627	-4.00	9.20	11.80	-341.00	-5.00	-1.00	39.80	2363.00	83.00	-3.10	-108.00	1.11490
423637	-3.00	13.40	7.40	-253.00	-2.00	-1.00	13.00	4410.00	122.00	3.50	-54.00	3.28900
423639	-3.00	17.90	5.00	-286.00	-2.00	-1.00	14.00	5322.00	147.00	-2.30	-77.00	2.71700
423666	-3.00	17.20	6.20	-273.00	-2.00	-1.00	12.40	5534.00	144.00	4.10	91.00	4.14900
423677	-3.00	15.70	6.50	-278.00	-3.00	-9999.00	12.10	5481.00	146.00	4.70	194.00	2.84900
423678	-4.00	13.30	5.70	-253.00	-2.00	-1.00	9.10	4352.00	119.00	2.90	-58.00	2.74300
423680	-3.00	19.70	6.80	-299.00	-2.00	-1.00	17.20	5575.00	167.00	-1.90	109.00	3.09600
423681	-4.00	13.13	4.00	-320.00	-3.00	1.00	5.90	4990.00	133.00	-2.30	-97.00	2.34200
423682	-3.00	16.00	7.50	-319.00	-2.00	-1.00	18.40	5341.00	144.00	4.90	-92.00	2.45700
423695	-3.00	16.40	9.50	-327.00	-2.00	-1.00	29.20	5692.00	154.00	4.20	174.00	1.99100
423698	-4.00	20.60	13.40	-319.00	-3.00	-1.00	35.40	6577.00	146.00	4.20	260.00	4.18400
423699	-3.00	16.40	7.00	-276.00	-2.00	-1.00	13.70	5237.00	138.00	3.50	173.00	1.19900
423690	-4.00	16.50	7.60	-320.00	-2.00	-1.00	17.40	4973.00	146.00	3.80	-83.00	3.41300
423694	-4.00	20.60	8.30	-324.00	-2.00	-1.00	18.70	5418.00	167.00	4.90	152.00	2.87400
423696	-4.00	10.80	3.00	-295.00	-4.00	-1.00	6.50	3344.00	103.00	-2.80	193.00	2.79300
423697	-3.00	14.30	4.90	-240.00	-2.00	-1.00	9.30	4707.00	128.00	3.20	102.00	3.21500
423710	-4.00	14.30	7.50	-300.00	-2.00	-1.00	9.70	5334.00	144.00	4.90	99.00	3.00300
423714	-3.00	13.40	5.80	-262.00	-2.00	-1.00	8.90	5044.00	134.00	4.10	-69.00	3.59700
423716	-4.00	9.70	4.20	-317.00	-3.00	-1.00	8.00	3330.00	89.00	-3.00	-76.00	1.40100
423717	-4.00	22.70	4.60	-351.00	-2.00	-1.00	9.80	4629.00	211.00	-2.90	-84.00	2.85700
423718	-4.00	13.40	3.70	-468.00	-3.00	-1.00	10.00	4098.00	107.00	-2.90	-95.00	3.34400
423719	-4.00	18.70	3.60	-298.00	-2.00	-1.00	9.00	4454.00	161.00	-2.50	-91.00	3.47200
423720	-4.00	20.50	4.90	-254.00	-3.00	-1.00	8.30	5468.00	168.00	5.00	-74.00	2.84900
423723	-3.00	15.20	7.20	-281.00	-2.00	-1.00	10.00	4920.00	130.00	5.30	-34.00	3.90400
423724	-3.00	13.90	5.10	-216.00	-1.00	-1.00	8.10	4575.00	108.00	5.10	-50.00	3.20500
423725	-3.00	15.00	4.50	-284.00	-2.00	-1.00	9.50	4854.00	148.00	2.80	-54.00	3.87400
423726	-4.00	15.30	5.00	-396.00	-2.00	-1.00	7.00	4444.00	132.00	3.00	-84.00	1.95700
423728	-3.00	14.30	5.50	-276.00	-2.00	-1.00	4.80	5504.00	148.00	2.70	-65.00	2.67400
423729	-3.00	21.30	6.90	-302.00	-2.00	-1.00	10.80	5913.00	172.00	4.90	146.00	3.87600
423730	-3.00	16.70	5.90	-253.00	-1.00	-1.00	9.50	5214.00	151.00	4.50	99.00	3.02100
423733	-3.00	15.50	4.80	-274.00	-3.00	-1.00	7.60	4465.00	163.00	-2.20	-178.00	2.77800
423744	-5.00	11.50	-1.10	-292.00	-4.00	-1.00	-2.10	-9999.00	30.00	-3.20	-104.00	0.00000
423746	-5.00	2.40	-2.50	-305.00	-2.00	-1.00	-1.40	2803.00	98.00	-3.00	-71.00	0.00000
423747	-9.00	17.50	8.40	-263.00	-2.00	-1.00	11.80	5114.00	159.00	-5.10	189.00	4.08200
423748	-4.00	11.30	6.80	-184.00	-1.00	-1.00	8.10	5356.00	107.00	5.50	-34.00	3.16500
423749	-7.00	14.40	-2.40	-226.00	-1.00	-1.00	7.20	4441.00	129.00	-4.10	-58.00	2.68800
423750	-8.00	17.30	5.70	-246.00	-2.00	-1.00	9.10	4352.00	158.00	-3.80	-64.00	3.74700

BETTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET 10

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
423751	66.9022	152.1519	6.	6.0	-9999.	2.71	-5.00	-5.00	-5.00	22.00	-20.00	26.00	-5.00	-10.00	-15.00
423752	66.9150	152.2889	6.	15.0	-9999.	2.39	-5.00	-5.00	-5.00	26.00	-20.00	35.00	7.00	-10.00	-15.00
423753	66.9347	152.4047	6.	37.0	-9999.	2.68	-5.00	-5.00	-5.00	27.00	-20.00	35.00	-5.00	-10.00	-15.00
423755	66.9350	152.6558	7.	53.0	-9999.	2.47	-5.00	-5.00	-5.00	30.00	-20.00	41.00	7.00	-10.00	-15.00
423756	66.9400	152.8133	5.	6.0	-9999.	2.96	-5.00	-5.00	-5.00	35.00	-20.00	21.00	6.00	-10.00	-15.00
423757	66.9503	152.8672	6.	5.0	-9999.	2.54	-5.00	-5.00	-5.00	30.00	-20.00	35.00	-5.00	-10.00	-15.00
423758	66.9626	152.9494	6.	8.0	-9999.	2.64	-5.00	-5.00	-5.00	30.00	-20.00	25.00	5.00	-10.00	-15.00
423759	66.9714	152.7472	6.	11.0	-9999.	2.75	-5.00	-5.00	-5.00	32.00	-20.00	42.00	15.00	-10.00	16.00
423760	66.9947	152.7642	7.	60.0	-9999.	3.11	-5.00	-5.00	-5.00	40.00	-20.00	30.00	10.00	-10.00	-15.00
423761	66.9900	152.9003	7.	18.0	-9999.	2.56	-5.00	-5.00	-5.00	34.00	-20.00	29.00	11.00	-10.00	-15.00
423763	66.9497	152.6714	6.	5.0	-9999.	2.68	-5.00	-5.00	-5.00	37.00	-20.00	-15.00	6.00	-10.00	-15.00
423767	66.9069	152.3644	6.	97.0	-9999.	.31	-5.00	-5.00	-5.00	18.00	-20.00	16.00	-5.00	-10.00	-15.00
423768	66.9308	151.6761	5.	12.0	-9999.	2.94	-5.00	-5.00	-5.00	30.00	-20.00	-15.00	-5.00	-10.00	-15.00
423769	66.8425	151.5878	5.	5.0	-9999.	1.87	-5.00	-5.00	-5.00	32.00	-20.00	-15.00	-5.00	-10.00	-15.00
423770	66.8350	151.5428	6.	1.0	-9999.	1.35	-5.00	-5.00	-5.00	45.00	-20.00	36.00	-5.00	-10.00	-15.00
423771	66.8392	151.3806	5.	5.0	-9999.	1.62	-5.00	-5.00	-5.00	12.00	-20.00	-15.00	-5.00	-10.00	-15.00
423772	66.8472	151.3331	7.	82.0	-9999.	2.90	-5.00	-5.00	-5.00	29.00	-20.00	-15.00	6.00	-10.00	-15.00
423773	66.8339	151.2553	7.	13.0	-9999.	1.88	-5.00	-5.00	-5.00	28.00	-20.00	32.00	8.00	-10.00	-15.00
423775	66.8181	151.1361	5.	13.0	-9999.	3.04	-5.00	-5.00	-5.00	65.00	-20.00	48.00	10.00	-10.00	-15.00
423777	66.8192	151.0767	4.	7.0	-9999.	2.91	-5.00	-5.00	-5.00	24.00	-20.00	25.00	12.00	-10.00	-15.00
423777	66.8397	152.5139	6.	10.0	-9999.	2.68	-5.00	-5.00	-5.00	36.00	-20.00	37.00	15.00	-10.00	-15.00
423778	66.8394	152.5733	6.	46.0	-9999.	2.78	-5.00	-5.00	-5.00	31.00	-20.00	32.00	7.00	-10.00	-15.00
423779	66.8425	152.6131	6.	22.0	-9999.	2.53	-5.00	-5.00	-5.00	26.00	-20.00	32.00	6.00	-10.00	-15.00
423780	66.8303	152.6706	4.	17.0	-9999.	.27	-5.00	-5.00	-5.00	31.00	-20.00	15.00	10.00	-10.00	-15.00
423781	66.8333	152.7019	6.	29.0	-9999.	2.58	-5.00	-5.00	-5.00	16.00	-20.00	32.00	-5.00	-10.00	-15.00
423784	66.8431	152.9825	6.	3.0	-9999.	2.08	-5.00	-5.00	-5.00	40.00	-20.00	52.00	-5.00	-10.00	-15.00
423786	66.7875	152.9400	6.	16.0	-9999.	2.29	-5.00	-5.00	-5.00	34.00	-20.00	40.00	6.00	-10.00	-15.00
423787	66.7808	152.7817	4.	5.0	-9999.	2.75	-5.00	5.00	-5.00	26.00	-20.00	-15.00	15.00	-10.00	-15.00
423788	66.7992	152.7869	5.	-9999.0	-9999.	2.74	-5.00	8.00	-5.00	20.00	-20.00	16.00	9.00	-10.00	-15.00
423789	66.7989	152.7203	5.	1.0	-9999.	2.74	-5.00	-5.00	-5.00	23.00	-20.00	44.00	7.00	-10.00	-15.00
423790	66.7408	152.6797	4.	3.0	-9999.	2.68	-5.00	6.00	-5.00	-10.00	-20.00	34.00	5.00	-10.00	-15.00
423791	66.7592	152.8167	6.	6.0	-9999.	3.09	-5.00	-5.00	-5.00	33.00	-20.00	51.00	9.00	-10.00	-15.00
423793	66.7308	152.9931	6.	24.0	-9999.	7.72	-5.00	-5.00	-5.00	39.00	-20.00	32.00	-5.00	-10.00	18.00
423794	66.7203	152.9281	4.	18.0	-9999.	2.81	-5.00	-5.00	-5.00	37.00	-20.00	31.00	11.00	-10.00	-15.00
423797	66.6856	152.9061	6.	39.0	-9999.	2.78	-5.00	-5.00	-5.00	33.00	-20.00	37.00	6.00	-10.00	-15.00
423798	66.6772	152.8897	6.	1.0	-9999.	3.10	-5.00	-5.00	-5.00	43.00	-20.00	29.00	12.00	-10.00	-15.00
423799	66.6878	152.8297	6.	75.0	-9999.	2.79	-5.00	5.00	-5.00	28.00	-20.00	26.00	-5.00	-10.00	-15.00
423800	66.6778	152.7872	7.	163.0	-9999.	2.50	-5.00	-5.00	-5.00	32.00	-20.00	30.00	-5.00	-10.00	-15.00
423801	66.6881	152.7656	7.	22.0	-9999.	3.28	-5.00	-5.00	-5.00	69.00	-20.00	46.00	15.00	-10.00	-15.00
423803	66.6706	152.7236	6.	17.0	-9999.	3.11	-5.00	-5.00	-5.00	49.00	-20.00	47.00	15.00	-10.00	-15.00
423804	66.6564	152.6733	7.	27.0	-9999.	3.42	-5.00	-5.00	-5.00	70.00	-20.00	64.00	20.00	-10.00	-15.00
423805	66.6419	152.4189	7.	97.0	-9999.	3.82	-5.00	-5.00	-5.00	85.00	-20.00	55.00	17.00	-10.00	-15.00
423806	66.6497	152.4886	4.	15.0	-9999.	3.01	-5.00	-5.00	-5.00	37.00	-20.00	24.00	8.00	-10.00	-15.00
423807	66.6342	152.3917	6.	15.0	-9999.	2.68	-5.00	-5.00	-5.00	40.00	-20.00	40.00	6.00	-10.00	-15.00
423808	66.6719	152.3419	6.	6.0	-9999.	3.08	-5.00	-5.00	-5.00	33.00	-20.00	24.00	7.00	-10.00	-15.00
423809	66.6714	152.2328	5.	10.0	-9999.	2.66	-5.00	7.00	-5.00	34.00	-20.00	42.00	7.00	-10.00	-15.00
423810	66.9589	152.3303	6.	132.0	-9999.	1.97	-5.00	-5.00	-5.00	35.00	-20.00	36.00	-5.00	-10.00	-15.00
423811	66.9472	152.4150	6.	34.0	-9999.	2.97	-5.00	5.00	-5.00	61.00	-20.00	71.00	-5.00	-10.00	-15.00
423812	66.9544	152.2289	6.	10.0	-9999.	1.99	-5.00	5.00	-5.00	39.00	-20.00	18.00	-5.00	-10.00	-15.00
423813	66.9675	152.1587	6.	43.0	-9999.	2.88	-5.00	6.00	-5.00	34.00	-20.00	42.00	9.00	-10.00	25.00

ROTTLES LAKE SEDIMENT

PG. TWO - SAMPLE SET 10

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MM PPM	RF PPM	LE PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423751	7.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	65360.00	-29	650.00	7000.00	76.00	-90.00	14.40
423752	-5.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	66330.00	-27	597.00	8284.00	57.00	-109.00	16.70
423753	5.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	65940.00	-27	761.00	8850.00	78.00	-100.00	17.20
423755	7.00	-5.00	134.00	-9999.00	-9999.00	-9999.00	64310.00	-31	812.00	10020.00	74.00	-100.00	17.40
423756	9.00	-5.00	134.00	-9999.00	-9999.00	-9999.00	68050.00	-33	758.00	9791.00	62.00	-119.00	7.90
423757	11.00	-5.00	128.00	-9999.00	-9999.00	-9999.00	70940.00	-28	807.00	7123.00	53.00	-107.00	12.20
423758	5.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	73710.00	-31	969.00	10390.00	68.00	-109.00	18.50
423759	-5.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	74970.00	-37	851.00	7757.00	83.00	-104.00	21.30
423760	9.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	77000.00	-34	1117.00	7799.00	73.00	-121.00	24.60
423761	-5.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	67030.00	-26	821.00	9359.00	61.00	-112.00	18.00
423763	5.00	-5.00	176.00	-9999.00	-9999.00	-9999.00	63320.00	-27	709.00	8202.00	74.00	-92.00	13.70
423767	-5.00	-5.00	22.00	-9999.00	-9999.00	-9999.00	5283.00	-49	-174.00	-2519.00	-15.00	423.00	-4.00
423768	131.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	60570.00	-41	778.00	-1201.00	55.00	-121.00	10.20
423769	5.00	-5.00	87.00	-9999.00	-9999.00	-9999.00	39550.00	-36	445.00	-1417.00	39.00	-125.00	7.90
423770	21.00	-5.00	41.00	-9999.00	-9999.00	-9999.00	26540.00	-39	-176.00	-1312.00	41.00	477.00	17.00
423771	6.00	-5.00	35.00	-9999.00	-9999.00	-9999.00	15360.00	-39	354.00	-1764.00	24.00	-82.00	-2.70
423772	10.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	60680.00	-27	772.00	17070.00	41.00	-113.00	17.10
423773	7.00	-5.00	61.00	-9999.00	-9999.00	-9999.00	40640.00	-22	593.00	-1035.00	-6.00	-107.00	-1.70
423775	24.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	72860.00	-35	627.00	9376.00	66.00	-116.00	28.10
423776	5.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	65100.00	-31	820.00	7679.00	82.00	-97.00	11.00
423777	5.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	73050.00	-18	712.00	6434.00	74.00	-112.00	17.40
423778	6.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	71500.00	-14	905.00	9844.00	61.00	-107.00	22.40
423779	8.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	68430.00	-15	906.00	7058.00	59.00	-121.00	24.50
423780	-5.00	-5.00	16.00	-9999.00	-9999.00	-9999.00	-1917.00	-51	-498.00	-4932.00	-33.00	-194.00	-8.50
423781	11.00	-5.00	148.00	-9999.00	-9999.00	-9999.00	63540.00	-13	622.00	5963.00	80.00	-99.00	16.10
423784	10.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	74790.00	-15	540.00	12550.00	54.00	-103.00	23.60
423786	5.00	-5.00	128.00	-9999.00	-9999.00	-9999.00	67490.00	-14	674.00	11410.00	60.00	-99.00	27.40
423787	9.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	65710.00	-13	782.00	-737.00	77.00	-103.00	7.70
423789	13.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	69670.00	-14	922.00	6105.00	73.00	-93.00	12.60
423799	11.00	-5.00	164.00	-9999.00	-9999.00	-9999.00	68350.00	-13	642.00	4356.00	77.00	-93.00	10.20
423790	8.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	63790.00	-10	634.00	4063.00	76.00	-84.00	12.40
423791	6.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	79490.00	-15	1149.00	-938.00	67.00	-114.00	20.40
423793	8.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	72370.00	-14	639.00	-1053.00	81.00	-102.00	14.40
423794	7.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	74370.00	-13	875.00	6874.00	72.00	-96.00	15.60
423797	6.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	73900.00	-15	603.00	8306.00	74.00	-113.00	22.50
423798	-5.00	-5.00	184.00	-9999.00	-9999.00	-9999.00	79180.00	-14	816.00	6246.00	85.00	-93.00	15.90
423799	13.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	78560.00	-16	884.00	6297.00	86.00	-95.00	18.40
423800	14.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	60400.00	-11	613.00	6100.00	104.00	-88.00	17.80
423801	13.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	83570.00	-20	1121.00	9091.00	81.00	-100.00	20.90
423803	10.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	7410.00	-15	651.00	5742.00	90.00	-94.00	17.20
423804	9.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	110900.00	-27	988.00	-1076.00	96.00	-124.00	22.00
423805	19.00	-5.00	183.00	-9999.00	-9999.00	-9999.00	113900.00	-24	1169.00	-978.00	84.00	-113.00	33.00
423806	9.00	-5.00	190.00	-9999.00	-9999.00	-9999.00	63790.00	-12	826.00	6748.00	71.00	-103.00	11.00
423807	9.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	59040.00	-12	681.00	11650.00	62.00	-94.00	15.60
423808	9.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	69440.00	-16	791.00	4269.00	83.00	-95.00	17.60
423809	-5.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	68380.00	-14	739.00	7912.00	57.00	-77.00	14.60
423810	7.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	52160.00	-14	729.00	13410.00	43.00	-124.00	13.40
423811	17.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	76940.00	-16	1010.00	7098.00	63.00	-99.00	23.30
423812	6.00	-5.00	103.00	-9999.00	-9999.00	-9999.00	47320.00	-20	549.00	-1389.00	50.00	-111.00	-2.20
423813	14.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	74710.00	-15	871.00	5485.00	72.00	-97.00	21.40

NETTLES LAKE SEDIMENT

PG. THREE - SAMPLE SET. 30

SAMPLE NO.	CR PPM	CS PPM	NY PPM	FL PPM	FE PPM	HF PPM	F PPM	LA PPM	LU PPM	PC PPM	PH PPM	HA PPM	OR PPM
423751	102.00	2.50	6.00	1.40	34280.00	6.40	9782.00	-26.00	.50	10240.00	341.00	10770.00	-41.00 30
423752	132.00	3.50	6.00	1.30	39880.00	6.20	10620.00	-27.00	.50	11150.00	454.00	11460.00	-44.00 30
423753	128.00	4.90	6.00	1.50	40730.00	6.20	11080.00	-24.00	.40	12110.00	345.00	11850.00	105.00 30
423755	115.00	3.80	6.00	1.20	42140.00	5.10	12240.00	-27.00	.50	11140.00	542.00	12880.00	-45.00 30
423756	100.00	-2.46	6.00	1.20	25590.00	4.90	12660.00	-27.00	.60	8497.00	257.00	11020.00	-51.00 30
423757	105.00	4.30	5.00	.90	38400.00	4.20	9537.00	-28.00	.30	11460.00	357.00	10030.00	-46.00 30
423758	119.00	3.40	6.00	1.40	37750.00	5.20	11040.00	-34.00	.50	12500.00	462.00	12620.00	-48.00 30
423759	121.00	5.50	7.00	1.40	45490.00	4.60	17490.00	-30.00	.40	13160.00	986.00	11070.00	-51.00 30
423760	103.00	4.50	7.00	1.30	52150.00	4.70	18110.00	-33.00	.40	9814.00	703.00	9541.00	-52.00 30
423761	102.00	-2.00	6.00	1.40	39140.00	4.80	9697.00	-25.00	.30	9303.00	672.00	12200.00	-42.00 30
423763	105.00	-2.10	6.00	1.50	34710.00	6.70	10920.00	-23.00	.50	11690.00	383.00	13170.00	-38.00 30
423767	-24.00	-3.30	-1.00	-.70	-2293.00	-2.70	-2394.00	-89.00	-.40	3323.00	46.00	616.00	-23.00 30
423768	85.00	4.60	5.00	.70	73350.00	4.00	15670.00	-38.00	-.30	6877.00	327.00	6541.00	-76.00 30
423769	50.00	-2.50	5.00	-.40	13440.00	2.90	5619.00	-50.00	-.20	6100.00	304.00	6271.00	-52.00 30
423770	76.00	-2.40	3.00	-.40	12000.00	-1.80	-3535.00	-54.00	-.30	-1786.00	258.00	2288.00	-64.00 30
423771	-22.00	-2.60	3.00	-.50	6789.00	-2.10	-2997.00	-63.00	-.30	-1444.00	183.00	1874.00	-64.00 30
423772	86.00	4.30	6.00	1.30	41920.00	5.60	11630.00	-27.00	-.20	9183.00	517.00	12140.00	-43.00 30
423773	-10.00	-1.40	3.00	-.30	3155.00	-1.10	9979.00	-37.00	-.20	4501.00	356.00	4355.00	-36.00 30
423775	102.00	5.10	5.00	1.60	53430.00	5.90	16210.00	-36.00	.30	10110.00	685.00	11300.00	-10.00 30
423776	81.00	-2.30	6.00	1.30	27890.00	5.40	14130.00	-31.00	.70	8192.00	293.00	11170.00	-42.00 30
423777	105.00	-2.80	5.00	1.20	40260.00	-1.70	14910.00	-9.00	.40	11890.00	390.00	9409.00	-54.00 30
423778	113.00	5.40	6.00	1.50	43670.00	5.20	11570.00	-8.00	.30	12110.00	512.00	10980.00	-46.00 30
423779	110.00	3.40	6.00	1.20	35370.00	3.90	9757.00	27.00	.40	5968.00	395.00	9854.00	-50.00 30
423780	-52.00	-7.60	-3.00	-1.50	-4581.00	-5.40	-5177.00	-53.00	-.40	-3652.00	104.00	716.00	-144.00 30
423781	103.00	-2.20	5.00	1.10	34460.00	6.40	12920.00	29.00	.50	9909.00	446.00	12100.00	-40.00 30
423784	189.00	-2.60	6.00	1.20	48610.00	4.80	-3589.00	-10.00	.30	18480.00	674.00	13220.00	-42.00 30
423786	113.00	4.00	5.00	1.60	42830.00	4.20	9775.00	28.00	.30	13520.00	559.00	10910.00	-42.00 30
423787	99.00	3.90	5.00	1.30	36480.00	5.90	9007.00	39.00	.40	8071.00	254.00	11020.00	-42.00 30
423788	103.00	-2.20	5.00	1.40	39440.00	6.80	11470.00	34.00	.60	9380.00	326.00	11910.00	43.00 30
423789	90.00	3.00	5.00	1.40	34390.00	6.10	11040.00	39.00	.60	7290.00	276.00	11990.00	-38.00 30
423790	100.00	3.50	6.00	1.10	32410.00	6.70	11310.00	39.00	.40	9129.00	283.00	11540.00	87.00 30
423791	108.00	3.90	6.00	1.70	41410.00	5.50	18440.00	34.00	.30	9682.00	401.00	9943.00	-48.00 30
423793	85.00	-2.10	6.00	1.30	31770.00	5.30	11520.00	37.00	.40	9116.00	387.00	12570.00	-36.00 30
423794	113.00	4.90	4.00	1.60	37790.00	4.70	12770.00	31.00	.40	9436.00	316.00	11200.00	95.00 30
423797	99.00	-2.50	5.00	1.50	42100.00	4.20	16400.00	31.00	.30	11670.00	519.00	11820.00	-45.00 30
423798	101.00	6.00	8.00	1.70	37200.00	6.80	21400.00	41.00	.50	9994.00	326.00	8757.00	128.00 30
423799	112.00	6.30	7.00	1.70	37400.00	7.00	17740.00	43.00	.40	10240.00	383.00	9177.00	-44.00 30
423800	66.00	4.60	6.00	1.50	39210.00	6.00	11570.00	45.00	.40	8479.00	736.00	9536.00	-34.00 30
423801	127.00	7.00	6.00	1.40	40870.00	3.70	14790.00	41.00	.40	10210.00	458.00	6600.00	-10.00 30
423803	93.00	4.60	6.00	1.50	37840.00	5.60	19760.00	52.00	.60	9816.00	352.00	8006.00	-47.00 30
423804	137.00	7.70	6.00	1.70	42870.00	5.30	32350.00	-14.00	.40	16800.00	394.00	8441.00	-66.00 30
423805	101.00	11.70	8.00	1.50	50190.00	4.40	34230.00	-17.00	.60	17060.00	441.00	8025.00	199.00 30
423806	101.00	4.00	5.00	1.30	30040.00	6.60	12960.00	34.00	.50	7421.00	269.00	10940.00	-34.00 30
423807	69.00	3.00	6.00	1.10	34440.00	5.10	13300.00	31.00	.40	9042.00	498.00	11450.00	71.00 30
423808	100.00	5.40	5.00	1.40	34250.00	5.60	9775.00	31.00	-.70	7481.00	301.00	10100.00	-42.00 30
423809	91.00	-2.20	6.00	1.20	38050.00	4.90	9894.00	-8.00	.30	14430.00	478.00	12350.00	-42.00 30
423810	103.00	-7.40	5.00	1.00	32200.00	4.70	11140.00	29.00	.30	8078.00	300.00	9469.00	-42.00 30
423811	147.00	5.70	6.00	1.40	47160.00	4.60	15750.00	34.00	.40	15670.00	409.00	10130.00	-51.00 30
423812	70.00	-3.10	4.00	1.10	16650.00	4.20	-3464.00	-14.00	-.20	-2100.00	149.00	7143.00	-51.00 30
423813	103.00	5.90	7.00	1.50	45490.00	5.40	13770.00	29.00	.50	10720.00	345.00	9801.00	-48.00 30

NETTIS LAKE SEDIMENT

PG. FOUR - SAMPLE SET 30

SAMPLE NO.	SP PPM	SC PPM	SM PPM	SR PPM	TA PPM	TR PPM	TH PPM	TI PPM	V PPM	VB PPM	TM PPM	TH/M RATIO
423751	-8.00	16.50	4.90	-208.00	-1.00	-1.00	11.90	5578.00	142.00	5.10	-93.00	4.38400
423752	-8.00	16.40	-2.50	-253.00	-1.00	-1.00	8.00	5278.00	150.00	-3.20	-55.00	3.40100
423753	-8.00	18.00	-2.30	-245.00	-2.00	-1.00	10.00	5177.00	154.00	10.10	135.00	3.73100
423755	-8.00	17.70	6.20	-242.00	-2.00	-1.00	7.60	5617.00	157.00	-3.60	-50.00	2.63300
423756	-9.00	17.50	9.70	-251.00	-2.00	-1.00	8.20	5370.00	140.00	-3.70	-59.00	2.77000
423757	-8.00	15.90	-2.50	-282.00	-7.00	-1.00	7.10	5120.00	153.00	-3.70	56.00	2.79300
423758	-8.00	18.90	7.00	-267.00	-1.00	-1.00	7.60	4676.00	174.00	5.40	95.00	2.88200
423759	-10.00	20.20	8.40	-270.00	-2.00	-1.00	10.70	5841.00	168.00	6.80	95.00	3.89100
423760	-9.00	21.90	7.70	-315.00	-2.00	-1.00	10.10	5134.00	164.00	-5.40	-69.00	3.24700
423761	-7.00	15.90	5.90	-328.00	-1.00	-1.00	8.00	4483.00	135.00	-3.00	99.00	3.12500
423763	-8.00	14.60	7.80	-210.00	-1.00	-1.00	9.00	5487.00	134.00	-4.70	-31.00	3.35600
423767	-12.00	2.90	-3.40	-211.00	-4.00	-1.00	-3.00	-9999.00	-8.00	-6.70	-117.00	0.00000
423768	-11.00	16.10	-3.80	-297.00	-3.00	-1.00	8.70	4031.00	143.00	-5.40	-74.00	2.95000
423769	-11.00	9.10	-3.60	-367.00	-3.00	-1.00	5.40	2559.00	80.00	-4.70	-62.00	2.89000
423770	-10.00	6.70	-3.50	-301.00	-4.00	-1.00	5.70	-9999.00	82.00	-4.90	277.00	4.21900
423771	-10.00	4.90	-4.40	-254.00	-4.00	-1.00	-2.70	1240.00	26.00	-5.30	-87.00	0.00000
423772	-7.00	16.50	7.10	-259.00	-1.00	-1.00	8.60	4450.00	137.00	-3.50	-50.00	3.06700
423773	-5.00	1.60	-2.50	-357.00	-2.00	-1.00	-1.20	2892.00	99.00	-2.80	-55.00	0.00000
423775	-10.00	18.70	9.30	-323.00	-3.00	-1.00	10.90	4661.00	159.00	6.10	169.00	3.28400
423776	-9.00	13.40	5.50	-217.00	-2.00	-1.00	8.50	4770.00	133.00	-3.60	-119.00	3.02100
423777	-5.00	17.90	3.80	-299.00	-2.00	-1.00	8.20	4943.00	177.00	-3.20	-78.00	3.65800
423778	-4.00	18.60	6.10	-268.00	-2.00	-1.00	8.90	5370.00	181.00	-2.50	99.00	3.20500
423779	-4.00	16.00	5.60	-289.00	-2.00	-1.00	9.70	5098.00	159.00	-2.30	186.00	3.83100
423780	-12.00	1.60	-4.10	-567.00	-10.00	-2.00	-6.40	-9999.00	-12.00	-8.90	-235.00	0.00000
423781	-4.00	16.90	5.10	-248.00	-2.00	-1.00	8.60	4445.00	152.00	4.70	-60.00	3.33300
423784	-4.00	22.70	6.30	-312.00	-2.00	-1.00	5.20	5264.00	220.00	4.60	-59.00	2.50000
423786	-4.00	19.70	6.30	-255.00	-1.00	-1.00	8.90	5002.00	174.00	3.70	76.00	3.01200
423787	-4.00	14.30	5.30	-276.00	-2.00	-1.00	9.10	5489.00	149.00	3.50	139.00	3.31100
423788	-4.00	15.20	7.10	-246.00	-2.00	-1.00	9.60	4812.00	149.00	4.00	-76.00	3.13500
423789	-3.00	14.50	5.50	-214.00	-2.00	-1.00	7.90	4491.00	129.00	3.70	-61.00	2.84900
423790	-3.00	13.90	4.90	-183.00	-2.00	-9999.00	9.70	5055.00	132.00	-1.80	-61.00	3.28400
423791	-4.00	18.50	6.00	-271.00	-2.00	-1.00	10.50	6549.00	183.00	-2.90	-68.00	3.40100
423793	-4.00	16.70	5.40	-748.00	-2.00	-1.00	8.10	4433.00	292.00	-2.20	-47.00	2.87600
423794	-4.00	17.80	5.60	-214.00	-2.00	-1.00	10.60	5620.00	167.00	3.10	69.00	3.77400
423797	-4.00	18.10	6.40	-286.00	-2.00	-1.00	9.30	5555.00	158.00	3.60	-89.00	3.34400
423798	-4.00	18.20	7.30	-719.00	-2.00	-1.00	12.60	5498.00	164.00	6.10	131.00	4.06500
423799	-5.00	17.90	6.60	-280.00	-1.00	-1.00	10.50	5812.00	158.00	4.20	-191.00	3.75000
423800	-3.00	14.50	6.70	-261.00	-1.00	-1.00	8.30	3816.00	107.00	4.50	-47.00	3.32200
423801	-6.00	22.90	4.30	-284.00	-2.00	-1.00	11.00	5173.00	197.00	-3.50	-76.00	3.35600
423803	-4.00	17.20	6.80	-276.00	-2.00	-1.00	12.00	5383.00	159.00	5.50	199.00	3.86100
423804	-7.00	23.80	6.20	-342.00	-3.00	-1.00	14.10	5348.00	236.00	-4.30	-144.00	4.11500
423805	-7.00	29.00	4.60	-305.00	-3.00	-1.00	12.40	6636.00	218.00	-3.70	-109.00	3.24700
423806	-3.00	14.10	6.10	-224.00	-2.00	-1.00	9.40	5571.00	134.00	4.70	89.00	3.18500
423807	-3.00	13.80	4.60	-289.00	-1.00	-1.00	7.90	4643.00	122.00	3.60	-154.00	3.44800
423808	-4.00	15.30	5.70	-235.00	-2.00	-1.00	10.20	5320.00	155.00	4.30	-43.00	3.31100
423809	-4.00	19.00	4.60	-226.00	-2.00	-1.00	6.80	5679.00	167.00	3.70	-56.00	2.76200
423810	-4.00	13.60	4.20	-299.00	-2.00	-1.00	8.20	4130.00	121.00	-2.40	-30.00	3.14500
423811	-5.00	21.20	7.70	-284.00	-2.00	-1.00	10.50	6051.00	201.00	3.70	-166.00	3.53400
423812	-5.00	11.60	4.90	-247.00	-3.00	-1.00	4.70	2542.00	91.00	-3.40	-78.00	3.11500
423813	-4.00	19.70	5.00	-277.00	-2.00	-1.00	8.10	5177.00	162.00	-2.40	-84.00	2.80900

BETTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET 21

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	ARSENIC PPM	CADMIUM PPM	COPPER PPM	NICKEL PPM	CHROMIUM PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
423R14	66.9786	152.1861	6.	43.0	-9999.	2.66	-5.00	-5.00	-5.00	27.00	-20.00	51.00	9.00	-10.00	-15.00
423R15	66.9856	152.1739	6.	40.0	-9999.	2.68	-5.00	-5.00	-5.00	36.00	-20.00	42.00	6.00	-10.00	-15.00
423R16	66.9991	152.1428	6.	18.0	-9999.	3.62	-5.00	-5.00	-5.00	50.00	-20.00	54.00	12.00	-10.00	-15.00
423R17	66.9961	152.0439	6.	8.0	-9999.	2.47	-5.00	-5.00	-5.00	26.00	-20.00	40.00	-5.00	-10.00	-15.00
423R18	66.9450	152.0406	7.	154.0	-9999.	2.62	-5.00	-5.00	-5.00	32.00	-20.00	36.00	10.00	-10.00	16.00
423R19	66.9519	152.0075	6.	8.0	-9999.	2.44	-5.00	-5.00	-5.00	23.00	-20.00	21.00	-5.00	-10.00	-15.00
423R20	66.9572	151.9292	6.	12.0	-9999.	2.54	-5.00	-5.00	-5.00	38.00	-20.00	40.00	12.00	-10.00	-15.00
423R21	66.9586	151.8506	6.	36.0	-9999.	2.26	-5.00	-5.00	-5.00	50.00	-20.00	24.00	-5.00	-10.00	-15.00
423R22	66.9892	151.8525	7.	115.0	-9999.	2.19	-5.00	-5.00	-5.00	24.00	-20.00	30.00	9.00	-10.00	-15.00
423R23	66.9978	151.7297	6.	9.0	-9999.	2.75	-5.00	-5.00	-5.00	44.00	-20.00	56.00	8.00	-10.00	-15.00
423R24	66.9931	151.6453	6.	25.0	-9999.	7.26	-3.00	-5.00	-5.00	75.00	-20.00	39.00	14.00	-10.00	-15.00
423R25	66.9928	151.5489	6.	25.0	-9999.	20.60	-5.00	12.00	-5.00	34.00	-20.00	-15.00	-5.00	-10.00	-15.00
423R26	66.9681	151.6833	6.	35.0	-9999.	3.63	-5.00	5.00	-5.00	52.00	-20.00	50.00	9.00	-10.00	-15.00
423R27	66.9542	151.7594	6.	21.0	-9999.	2.62	-5.00	-5.00	-5.00	32.00	-20.00	31.00	-5.00	-10.00	-15.00
423R28	66.9411	151.6819	6.	15.0	-9999.	2.54	-5.00	-5.00	-5.00	59.00	-20.00	37.00	9.00	-10.00	-15.00
423R29	66.9224	151.6233	5.	11.0	-9999.	1.52	-5.00	-5.00	-5.00	79.00	-20.00	29.00	-5.00	-10.00	-15.00
423R30	66.9192	151.5611	6.	23.0	-9999.	3.30	-5.00	7.00	-5.00	56.00	-20.00	37.00	15.00	-10.00	-15.00
423R31	66.8625	151.6264	7.	20.0	-9999.	1.91	-5.00	-5.00	-5.00	38.00	-20.00	49.00	-5.00	-10.00	-15.00
423R32	66.8669	151.5142	5.	6.0	-9999.	2.56	-5.00	-5.00	-5.00	47.00	-20.00	28.00	-5.00	-10.00	-15.00
423R33	66.8553	151.4836	6.	17.0	-9999.	1.53	-5.00	-5.00	-5.00	89.00	-20.00	56.00	-5.00	-10.00	-15.00
423R34	66.8819	150.6717	4.	4.0	-9999.	3.08	-3.00	-5.00	-5.00	50.00	-20.00	30.00	13.00	-10.00	-15.00
423R35	66.8725	150.7039	6.	22.0	-9999.	3.10	-5.00	-5.00	-5.00	47.00	-20.00	38.00	12.00	-10.00	-15.00
423R36	66.8781	150.7703	4.	6.0	-9999.	3.01	-5.00	-5.00	-5.00	47.00	-20.00	34.00	11.00	-10.00	-15.00
423R37	66.8736	150.8000	6.	14.0	-9999.	2.64	-5.00	-5.00	-5.00	30.00	-20.00	19.00	14.00	-10.00	-15.00
423R38	66.8714	150.4017	4.	5.0	-9999.	1.10	-5.00	-5.00	-5.00	44.00	-20.00	19.00	-5.00	-10.00	-15.00
423R39	66.8881	150.9642	6.	26.0	-9999.	1.29	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423R40	66.8706	151.0056	6.	32.0	-9999.	3.14	-5.00	2.00	-5.00	28.00	-20.00	31.00	7.00	-10.00	-15.00
423R41	66.8633	151.0197	6.	15.0	-9999.	2.99	-5.00	-5.00	-5.00	60.00	-20.00	32.00	-5.00	-10.00	-15.00
423R42	66.8850	151.0906	4.	11.0	-9999.	.92	-5.00	-5.00	-5.00	23.00	-20.00	22.00	-5.00	-10.00	-15.00
423R43	66.8864	151.2167	4.	12.0	-9999.	.62	-5.00	-5.00	-5.00	50.00	-20.00	21.00	-5.00	-10.00	-15.00
423R45	66.8728	151.3567	7.	75.0	-9999.	2.33	-5.00	-5.00	-5.00	54.00	-20.00	19.00	-5.00	-10.00	-15.00
423R46	66.8786	151.3986	5.	6.0	-9999.	2.97	-5.00	-5.00	-5.00	32.00	-20.00	34.00	-5.00	-10.00	-15.00
423R47	66.6769	152.0306	6.	15.0	-9999.	2.96	-5.00	-5.00	-5.00	30.00	-20.00	29.00	10.00	-10.00	-15.00
423R49	66.6650	152.1989	4.	9.0	-9999.	2.66	-5.00	-5.00	-5.00	46.00	-20.00	33.00	13.00	-10.00	-15.00
423R50	66.6072	152.1631	6.	72.0	-9999.	2.55	-5.00	-5.00	-5.00	45.00	-20.00	52.00	8.00	-10.00	-15.00
423R51	66.6078	152.2428	6.	5.0	-9999.	2.33	-5.00	-5.00	-5.00	45.00	-20.00	27.00	-5.00	-10.00	-15.00
423R52	66.6003	152.2822	5.	12.0	-9999.	2.68	-5.00	6.00	-5.00	32.00	-20.00	25.00	5.00	-10.00	-15.00
423R53	66.5992	152.3647	6.	127.0	-9999.	3.49	-5.00	-5.00	-5.00	36.00	-20.00	34.00	8.00	-10.00	-15.00
423R54	66.6086	152.4781	7.	86.0	-9999.	3.39	-5.00	7.00	-5.00	50.00	-20.00	46.00	9.00	-10.00	-15.00
423R55	66.6153	152.5322	7.	34.0	-9999.	2.91	-5.00	-5.00	-5.00	46.00	-20.00	44.00	12.00	-10.00	-15.00
423R56	66.6186	152.6003	8.	172.0	-9999.	1.22	-5.00	5.00	-5.00	59.00	-20.00	50.00	14.00	-10.00	-15.00
423R57	66.6161	152.6633	8.	135.0	-9999.	7.99	-5.00	5.00	-5.00	36.00	-20.00	29.00	6.00	-10.00	17.00
423R58	66.6161	152.7397	7.	99.0	-9999.	2.69	-5.00	-5.00	-5.00	46.00	-20.00	36.00	12.00	-10.00	-15.00
423R59	66.6278	152.8133	7.	44.0	-9999.	2.80	-5.00	-5.00	-5.00	43.00	-20.00	28.00	6.00	-10.00	-15.00
423R60	66.6078	152.8389	7.	42.0	-9999.	2.85	-5.00	7.00	-5.00	38.00	-20.00	31.00	7.00	-10.00	-15.00
423R61	66.6159	152.9367	7.	102.0	-9999.	7.65	-5.00	-5.00	-5.00	38.00	-20.00	29.00	6.00	-10.00	-15.00
423R62	66.6261	152.7830	6.	25.0	-9999.	7.84	-5.00	-5.00	-5.00	41.00	-20.00	29.00	-5.00	-10.00	-15.00
423R63	66.6094	152.9975	4.	19.0	-9999.	.57	-5.00	-5.00	-5.00	40.00	-20.00	-15.00	-5.00	-10.00	-15.00
423R64	66.5692	152.9108	4.	102.0	-9999.	2.90	-5.00	7.00	-5.00	42.00	-20.00	39.00	9.00	-10.00	-15.00
423R65	66.5550	152.9419	4.	32.0	-9999.	3.64	-5.00	-5.00	-5.00	38.00	-20.00	25.00	-5.00	-10.00	-15.00

PETITES LAKE SEDIMENT

PL. SWD - SAMPLE SFT 13

SAMPLE NO.	AS PPM	CF PPM	ZR PPM	MO PPM	RE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CR PPM
423014	12.00	-5.00	184.00	-9999.00	-9999.00	-9999.00	66240.00	-13	754.00	7848.00	64.00	-115.00	19.50
423015	6.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	67350.00	-14	687.00	7782.00	68.00	-101.00	16.80
423016	7.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	80510.00	-19	796.00	-932.00	92.00	-99.00	17.50
423017	12.00	-5.00	211.00	-9999.00	-9999.00	-9999.00	55110.00	-11	490.00	3225.00	84.00	-42.00	14.10
423018	-5.00	-5.00	202.00	-9999.00	-9999.00	-9999.00	58530.00	-11	578.00	6094.00	71.00	-103.00	16.20
423019	6.00	-5.00	186.00	-9999.00	-9999.00	-9999.00	66410.00	-12	583.00	3906.00	63.00	-88.00	12.60
423020	12.00	-5.00	181.00	-9999.00	-9999.00	-9999.00	66750.00	-16	531.00	-1103.00	66.00	-109.00	23.70
423021	69.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	51460.00	-15	463.00	-953.00	72.00	-96.00	36.30
423022	5.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	52590.00	-11	513.00	9137.00	81.00	-95.00	11.00
423023	10.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	64640.00	-14	721.00	7234.00	69.00	-101.00	16.70
423024	20.00	-5.00	64.00	-9999.00	-9999.00	-9999.00	41410.00	-22	-228.00	-1387.00	49.00	-106.00	19.20
423025	14.00	-5.00	61.00	-9999.00	-9999.00	-9999.00	75900.00	-25	-196.00	-1798.00	287.00	325.00	-3.30
423026	13.00	-5.00	171.00	-9999.00	-9999.00	-9999.00	89080.00	-18	1027.00	-1154.00	76.00	-112.00	17.40
423027	9.00	-5.00	189.00	-9999.00	-9999.00	-9999.00	63510.00	-13	630.00	-720.00	68.00	-90.00	16.40
423028	6.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	54440.00	-18	-160.00	-1000.00	56.00	-107.00	14.60
423029	40.00	-5.00	60.00	-9999.00	-9999.00	-9999.00	35280.00	-13	-146.00	13.00	38.00	263.00	62.20
423030	12.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	87040.00	-17	983.00	-1000.00	71.00	-131.00	15.00
423031	55.00	-5.00	91.00	-9999.00	-9999.00	-9999.00	39430.00	-17	631.00	-1000.00	43.00	-98.00	17.40
423032	13.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	2700.00	-17	628.00	-1000.00	13.00	-103.00	12.50
423033	18.00	-5.00	54.00	-9999.00	-9999.00	-9999.00	25190.00	-19	-1000.00	-1000.00	10.00	363.00	21.20
423034	17.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	1000.00	-15	1029.00	-1000.00	1.00	-113.00	16.00
423035	13.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	1000.00	-15	1130.00	-1000.00	12.00	-102.00	23.30
423036	13.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	71370.00	-18	882.00	-1000.00	19.00	-104.00	12.00
423037	-5.00	-5.00	161.00	-9999.00	-9999.00	-9999.00	65950.00	-14	883.00	7418.00	70.00	-93.00	16.10
423038	10.00	-5.00	32.00	-9999.00	-9999.00	-9999.00	10660.00	-19	-181.00	-1976.00	-10.00	422.00	9.20
423039	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	26150.00	-23	-268.00	-2429.00	32.00	362.00	-3.70
423040	7.00	-5.00	219.00	-9999.00	-9999.00	-9999.00	54780.00	-13	482.00	11810.00	84.00	-91.00	13.90
423041	20.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	49060.00	-20	639.00	9429.00	50.00	-107.00	23.70
423042	7.00	-5.00	29.00	-9999.00	-9999.00	-9999.00	11320.00	-19	-177.00	-2254.00	-10.00	370.00	-7.90
423043	5.00	-5.00	31.00	-9999.00	-9999.00	-9999.00	13110.00	-28	-216.00	-1884.00	24.00	275.00	-3.20
423045	69.00	-5.00	95.00	-9999.00	-9999.00	-9999.00	56080.00	-17	1042.00	6786.00	54.00	-98.00	41.90
423046	9.00	-5.00	185.00	-9999.00	-9999.00	-9999.00	68990.00	-13	931.00	6407.00	80.00	-114.00	18.00
423047	7.00	-5.00	194.00	-9999.00	-9999.00	-9999.00	62230.00	-14	774.00	7299.00	68.00	-103.00	17.90
423049	-5.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	75210.00	-18	943.00	5788.00	79.00	-105.00	16.10
423050	7.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	69320.00	-15	982.00	9778.00	58.00	-124.00	20.40
423051	14.00	-5.00	108.00	-9999.00	-9999.00	-9999.00	43080.00	-12	518.00	-1101.00	54.00	222.00	11.70
423052	10.00	-5.00	193.00	-9999.00	-9999.00	-9999.00	33490.00	-09	610.00	10880.00	76.00	-90.00	12.40
423053	13.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	62330.00	-09	611.00	7613.00	81.00	-92.00	17.60
423054	21.00	-5.00	197.00	-9999.00	-9999.00	-9999.00	65200.00	-09	810.00	8904.00	78.00	-92.00	18.40
423055	9.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	73150.00	-11	861.00	7997.00	80.00	-114.00	17.50
423056	29.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	87510.00	-15	1097.00	22040.00	75.00	-120.00	21.50
423057	14.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	90580.00	-13	607.00	8961.00	88.00	-96.00	18.70
423058	8.00	-5.00	181.00	-9999.00	-9999.00	-9999.00	64560.00	-09	599.00	10940.00	66.00	-96.00	15.90
423059	14.00	-5.00	187.00	-9999.00	-9999.00	-9999.00	88070.00	-11	807.00	7756.00	66.00	-112.00	11.90
423060	13.00	-5.00	220.00	-9999.00	-9999.00	-9999.00	65490.00	-10	733.00	6745.00	98.00	-89.00	15.30
423061	8.00	-5.00	197.00	-9999.00	-9999.00	-9999.00	60740.00	-09	480.00	11980.00	84.00	-95.00	16.30
423062	15.00	-5.00	204.00	-9999.00	-9999.00	-9999.00	65640.00	-09	651.00	7913.00	74.00	-88.00	17.00
423063	7.00	-5.00	25.00	-9999.00	-9999.00	-9999.00	5444.00	-20	-274.00	-3494.00	-14.00	-119.00	-4.40
423064	14.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	89090.00	-12	993.00	7180.00	72.00	-105.00	17.10
423065	17.00	-5.00	184.00	-9999.00	-9999.00	-9999.00	86010.00	-10	755.00	5322.00	86.00	-89.00	8.80

BETTLES LAKE SEDIMENT

PG. THREE - SAMPLE SET 11

SAMPLE NO.	CO PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	N PPM	LA PPM	LU PPM	MC PPM	MM PPM	NA PPM	PS PPM
423814	136.00	-2.10	5.00	1.30	48250.00	5.00	10910.00	36.00	.50	12060.00	495.00	10720.00	-39.00
423815	121.00	-2.30	7.00	1.40	37350.00	5.90	13720.00	24.00	.50	11370.00	372.00	11000.00	-43.00
423816	123.00	7.10	6.00	1.50	39780.00	5.70	19260.00	21.00	.40	13270.00	354.00	9680.00	-52.00
423817	68.00	2.70	7.00	1.30	36220.00	6.40	9470.00	34.00	.40	8124.00	391.00	10230.00	58.00
423818	110.00	2.50	5.00	1.50	34750.00	6.60	10810.00	32.00	.40	10110.00	493.00	11240.00	-34.00
423819	91.00	3.10	6.00	1.20	33350.00	5.80	11060.00	32.00	.40	8103.00	277.00	10670.00	98.00
423820	90.00	3.50	5.00	1.70	52910.00	5.80	10900.00	36.00	.40	6847.00	1046.00	9401.00	-49.00
423821	61.00	5.20	7.00	1.40	111900.00	3.80	10890.00	-9.00	.30	53.4.00	1391.00	5795.00	-76.00
423822	78.00	3.30	7.00	1.30	32690.00	6.20	8402.00	34.00	.40	8060.00	103.00	9036.00	-32.00
423823	85.00	-2.30	7.00	1.40	43590.00	4.50	14270.00	40.00	.30	10070.00	604.00	9128.00	-47.00
423824	63.00	-3.50	5.00	1.00	29030.00	-2.20	-4581.00	-17.00	-.20	4725.00	555.00	3910.00	-61.00
423825	63.00	-3.60	10.00	1.90	13790.00	-2.60	9955.00	187.00	1.00	-2091.00	553.00	2678.00	-70.00
423826	124.00	7.90	7.00	1.50	43540.00	6.00	24990.00	37.00	.60	11050.00	371.00	6961.00	99.00
423827	74.00	2.70	7.00	1.40	42120.00	5.30	14280.00	31.00	.40	8870.00	404.00	9220.00	-40.00
423828	63.00	4.60	5.00	1.40	27070.00	4.50	11680.00	-12.00	.40	5165.00	256.00	7235.00	-48.00
423829	41.00	-2.10	3.00	1.00	49680.00	-1.30	5964.00	-9.00	-.10	3649.00	756.00	2541.00	-50.00
423830	117.00	7.30	6.00	1.20	46600.00	4.70	22030.00	34.00	.40	14510.00	531.00	10400.00	119.00
423831	73.00	-2.60	4.00	1.00	75250.00	2.10	11530.00	26.00	.40	5812.00	844.00	5283.00	-40.00
423832	62.00	-2.70	4.00	1.00	24880.00	4.20	7268.00	33.00	.30	5821.00	307.00	7844.00	-48.00
423833	-17.00	-2.80	5.00	.80	13710.00	-1.90	-3381.00	-17.00	-.20	-1599.00	332.00	1889.00	-56.00
423834	101.00	5.70	6.00	1.50	40480.00	5.70	16650.00	43.00	.40	9701.00	318.00	10170.00	-42.00
423835	110.00	5.40	6.00	1.50	49280.00	5.40	10660.00	50.00	.40	8702.00	416.00	10250.00	-47.00
423836	110.00	4.20	5.00	1.60	31780.00	4.80	10350.00	39.00	.30	6802.00	287.00	9556.00	-48.00
423837	85.00	-2.30	6.00	1.40	32710.00	3.00	13670.00	-10.00	.30	9180.00	299.00	10640.00	-61.00
423838	-17.00	-2.80	2.00	-.50	4766.00	-1.80	-3242.00	-22.00	-.20	-2014.00	124.00	1031.00	-95.00
423839	67.00	-3.30	3.00	-.60	14520.00	-2.20	-4249.00	-25.00	-.30	-2568.00	126.00	3638.00	-78.00
423840	90.00	3.40	6.00	1.30	27160.00	9.30	8279.00	38.00	.40	5535.00	488.00	11440.00	-33.00
423841	68.00	3.50	6.00	.80	38590.00	-1.90	-4350.00	-13.00	-.20	6863.00	706.00	7329.00	-57.00
423842	47.00	-2.60	1.00	-.50	8856.00	-1.80	-3570.00	-23.00	-.20	-1727.00	112.00	696.00	-57.00
423843	-17.00	-3.00	2.00	-.50	4081.00	-2.00	-2956.00	-24.00	-.20	-1750.00	86.00	970.00	-66.00
423844	75.00	-2.50	5.00	1.20	105500.00	2.10	-4589.00	-9.00	-.20	6118.00	1501.00	5857.00	-56.00
423845	89.00	4.00	7.00	1.40	35430.00	4.80	13090.00	34.00	.40	7433.00	370.00	11570.00	71.00
423846	84.00	4.90	7.00	1.50	43570.00	6.80	12080.00	31.00	.50	10210.00	623.00	10430.00	77.00
423847	103.00	5.00	5.00	1.20	31690.00	5.60	12440.00	33.00	.40	9134.00	314.00	10090.00	-45.00
423848	132.00	3.80	6.00	1.40	37210.00	4.90	12330.00	37.00	.40	11260.00	444.00	11380.00	-39.00
423849	62.00	-2.60	5.00	1.10	29290.00	3.70	8095.00	-9.00	.40	5234.00	437.00	7537.00	-53.00
423850	86.00	-2.00	6.00	1.40	33370.00	6.50	11490.00	30.00	.40	8443.00	450.00	11080.00	-34.00
423851	47.00	-2.10	5.00	1.40	44680.00	4.40	9284.00	31.00	.30	8701.00	563.00	10760.00	-39.00
423852	90.00	2.80	7.00	1.30	50750.00	6.50	11010.00	36.00	.40	10040.00	578.00	10590.00	70.00
423853	98.00	7.50	7.00	1.60	45480.00	6.00	12630.00	35.00	.40	10120.00	472.00	10540.00	-43.00
423854	123.00	5.50	7.00	1.50	51380.00	6.10	22700.00	36.00	.30	13510.00	1008.00	8096.00	92.00
423855	93.00	7.90	6.00	1.70	43190.00	5.20	10900.00	39.00	.40	12010.00	450.00	9325.00	-48.00
423856	90.00	4.00	6.00	1.50	41370.00	5.00	13610.00	30.00	.30	9504.00	572.00	10250.00	-35.00
423857	93.00	4.20	7.00	1.40	33870.00	4.50	15880.00	33.00	.40	9001.00	326.00	9870.00	98.00
423858	85.00	4.10	7.00	1.70	36920.00	6.00	11540.00	37.00	.40	8989.00	385.00	10990.00	53.00
423859	75.00	-1.90	6.00	1.30	36770.00	5.30	12780.00	36.00	.30	8467.00	605.00	10890.00	-37.00
423860	88.00	3.00	7.00	1.40	39480.00	4.80	12780.00	24.00	.40	9576.00	473.00	10810.00	-24.00
423861	-27.00	-3.70	-3.00	-.70	-2631.00	-2.50	-3326.00	-22.00	-.30	-1927.00	54.00	644.00	-78.00
423862	113.00	4.80	5.00	1.40	40120.00	4.60	12170.00	31.00	.40	9807.00	776.00	10120.00	-61.00
423863	96.00	4.60	4.00	1.70	31550.00	4.20	13010.00	33.00	.40	7197.00	748.00	10910.00	-37.00

BETTES LAKE SEDIMENT

PG. 5000 - SAMPLE SET 33

SAMPLE NO.	SP PPM	SC PPM	SM PPM	SD PPM	TA PPM	TB PPM	TH PPM	VI PPM	V PPM	VB PPM	ZN PPM	TH/ZO RATIO
423814	-4.00	17.40	5.50	-270.00	-2.00	-1.00	9.40	5579.00	163.00	3.40	-108.00	3.49000
423815	-4.00	15.60	5.60	-277.00	-2.00	-1.00	9.40	5217.00	146.00	3.70	-144.00	3.50900
423816	-5.00	19.30	5.90	-267.00	-2.00	-1.00	11.40	5154.00	170.00	4.50	-70.00	3.77400
423817	-3.00	12.00	5.60	-103.00	-2.00	-1.00	7.90	4650.00	105.00	4.10	-44.00	3.19500
423818	-3.00	14.40	6.10	-246.00	-2.00	-1.00	9.70	5643.00	135.00	-2.00	80.00	3.70400
423819	-3.00	13.00	5.70	-230.00	-2.00	-1.00	9.00	4846.00	130.00	4.30	144.00	3.49000
423820	-4.00	13.90	6.20	-364.00	-2.00	-1.00	8.20	4127.00	128.00	3.50	-32.00	3.22600
423821	-4.00	14.40	3.90	-348.00	-2.00	-1.00	8.10	3498.00	112.00	-2.40	-113.00	3.54400
423822	-3.00	11.50	6.40	-212.00	-2.00	-1.00	10.20	5010.00	115.00	3.70	65.00	4.65100
423823	-4.00	14.90	6.00	-327.00	-1.00	-1.00	9.30	4481.00	135.00	-2.60	-172.00	3.37000
423824	-6.00	11.60	3.00	-394.00	-4.00	-1.00	6.60	3595.00	102.00	-1.80	-68.00	2.92400
423825	-6.00	11.00	15.10	-336.00	-4.00	-2.00	89.50	1257.00	64.00	-3.90	-154.00	4.34900
423826	-5.00	21.00	6.40	-293.00	-2.00	-1.00	12.20	5683.00	194.00	-2.70	105.00	3.35600
423827	-4.00	14.40	6.70	-260.00	-2.00	-1.00	8.50	4415.00	136.00	4.30	176.00	3.24700
423828	-5.00	13.20	5.50	-277.00	-2.00	-1.00	7.70	3211.00	114.00	-3.40	-43.00	3.03000
423829	-4.00	7.80	3.20	-276.00	-2.00	-1.00	4.40	1672.00	82.00	-2.30	-65.00	2.89900
423830	-5.00	20.00	5.30	-327.00	-2.00	-1.00	10.90	5734.00	196.00	-2.80	116.00	3.30000
423831	-5.00	11.20	4.70	-411.00	-3.00	-1.00	5.70	3099.00	82.00	-2.80	-97.00	2.98500
423832	-5.00	12.30	5.30	-263.00	-2.00	-1.00	7.40	3357.00	109.00	3.90	-43.00	2.89600
423833	-5.00	8.30	-1.50	-241.00	-1.00	-1.00	6.20	1140.00	60.00	-3.20	345.00	4.04900
423834	-4.00	18.30	5.70	-251.00	-1.00	-1.00	11.20	5909.00	178.00	-2.50	67.00	3.63600
423835	-4.00	18.20	5.80	-288.00	-2.00	-1.00	12.50	5627.00	165.00	4.40	151.00	4.03200
423836	-5.00	15.90	6.90	-257.00	-2.00	-1.00	9.40	4368.00	148.00	4.60	166.00	3.12500
423837	-4.00	15.60	4.00	-211.00	-2.00	-1.00	9.00	5067.00	143.00	4.10	-53.00	3.41300
423838	-5.00	4.90	-1.60	-275.00	-4.00	-1.00	-2.00	-9999.00	24.00	-3.10	-53.00	0.00000
423839	-6.00	6.70	2.40	-396.00	-5.00	-1.00	-2.70	-9999.00	62.00	-4.00	-137.00	0.00000
423840	-3.00	13.70	6.30	-234.00	-1.00	-1.00	9.90	4695.00	122.00	-2.20	-137.00	3.15500
423841	-5.00	15.20	4.50	-343.00	-3.00	-1.00	7.40	3203.00	118.00	-3.20	-92.00	2.47500
423842	-5.00	4.50	-1.50	-260.00	-4.00	-1.00	-2.10	-9999.00	25.00	-3.20	-92.00	0.00000
423843	-5.00	4.10	-1.70	-272.00	-5.00	-1.00	3.40	-9999.00	31.00	-3.10	-86.00	5.91400
423845	-4.00	14.50	4.30	-277.00	-2.00	-1.00	4.80	3752.00	128.00	-2.70	-73.00	2.91500
423846	-4.00	16.10	4.20	-254.00	-2.00	-1.00	8.50	5151.00	144.00	-2.70	79.00	2.86500
423847	-4.00	14.40	5.90	-314.00	-2.00	-1.00	9.40	5170.00	134.00	-2.80	143.00	3.17500
423849	-5.00	14.90	6.10	-250.00	-2.00	-1.00	10.50	4715.00	161.00	-3.20	-154.00	3.95300
423850	-4.00	19.20	6.90	-284.00	-2.00	-1.00	8.70	5862.00	164.00	5.10	130.00	3.41300
423851	-3.00	10.50	3.90	-329.00	-3.00	-1.00	6.60	3992.00	91.00	-2.00	-56.00	2.83300
423852	-3.00	12.50	6.70	-254.00	-1.00	-1.00	8.80	4399.00	113.00	4.90	-99.00	3.27900
423853	-3.00	15.30	5.90	-254.00	-2.00	-1.00	8.10	3904.00	134.00	6.40	-55.00	2.32000
423854	2.00	15.00	6.40	-237.00	-1.00	-1.00	9.70	5071.00	131.00	4.70	127.00	2.84500
423855	-3.00	15.90	5.80	-271.00	-2.00	-1.00	10.10	5336.00	155.00	4.70	-43.00	3.47700
423856	-4.00	19.50	7.40	-438.00	-2.00	-1.00	12.50	5491.00	183.00	-1.00	-163.00	3.87600
423857	-3.00	19.70	5.20	-271.00	-2.00	-1.00	11.10	5335.00	148.00	-2.20	-72.00	3.71700
423858	-3.00	14.50	6.10	-243.00	-2.00	-1.00	9.10	3971.00	129.00	3.90	50.00	3.46000
423859	-3.00	15.40	6.30	-260.00	-2.00	-1.00	9.20	4839.00	129.00	4.60	-133.00	3.28900
423860	-3.00	14.90	8.70	-241.00	-2.00	-1.00	11.30	5703.00	134.00	4.90	72.00	3.94800
423861	-3.00	13.80	4.90	-259.00	-1.00	-1.00	7.50	3271.00	118.00	4.60	-55.00	2.83200
423862	-2.00	14.90	6.20	-215.00	-1.00	-1.00	9.20	4936.00	134.00	4.40	81.00	3.19500
423863	-5.00	3.10	-1.30	-279.00	-5.00	-1.00	-3.10	-9999.00	-8.00	-3.70	-150.00	0.00600
423864	-3.00	15.80	7.00	-340.00	-1.00	-1.00	10.00	4924.00	137.00	5.20	87.00	3.44800
423865	-3.00	15.00	5.80	-211.00	-1.00	-1.00	8.70	4958.00	124.00	3.40	-15.00	2.79200

BETTLES LAKE SEDIMENT

PG. ONE - SAMPLE SET 32

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	ARSENIC PPM	CAESIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
423866	66.5314	152.6567	6.	159.0	-9999.	2.66	-5.00	-5.00	-5.00	40.00	-20.00	26.00	6.00	-10.00	-15.00
423867	66.5153	152.0344	7.	224.0	-9999.	2.44	-5.00	7.00	-5.00	41.00	-20.00	34.00	7.00	-10.00	18.00
423868	66.5192	152.8453	5.	31.0	-9999.	2.82	-5.00	-5.00	-5.00	33.00	-20.00	31.00	10.00	-10.00	-15.00
423869	66.5142	152.7864	8.	126.0	-9999.	2.15	-5.00	-5.00	-5.00	44.00	-20.00	22.00	4.00	-10.00	-15.00
423870	66.5310	152.0097	7.	96.0	-9999.	3.01	-5.00	-5.00	-5.00	46.00	-20.00	48.00	10.00	-10.00	-15.00
423871	66.5611	152.8147	7.	114.0	-9999.	3.04	-5.00	-5.00	-5.00	39.00	-20.00	37.00	10.00	-10.00	-15.00
423872	66.5883	152.8586	7.	27.0	-9999.	2.71	-5.00	-5.00	-5.00	44.00	-20.00	32.00	-5.00	-10.00	-15.00
423873	66.5778	152.7105	7.	43.0	-9999.	2.75	-5.00	-5.00	-5.00	52.00	-20.00	31.00	8.00	-10.00	-15.00
423874	66.5633	152.6860	7.	47.0	-9999.	2.84	-5.00	-5.00	-5.00	63.00	-20.00	42.00	11.00	-10.00	-15.00
423875	66.5642	152.7447	7.	76.0	-9999.	3.03	-5.00	-5.00	-5.00	63.00	-20.00	50.00	6.00	-10.00	-15.00
423876	66.5278	152.7042	7.	36.0	-9999.	2.22	-5.00	-5.00	-5.00	37.00	-20.00	35.00	-5.00	-10.00	-15.00
423877	66.5100	152.6778	6.	28.0	-9999.	2.79	-5.00	5.00	-5.00	49.00	-20.00	36.00	13.00	-10.00	-15.00
423878	66.5333	152.6633	6.	30.0	-9999.	2.50	-5.00	5.00	-5.00	42.00	-20.00	40.00	9.00	-10.00	-15.00
423879	66.5722	152.1014	6.	71.0	-9999.	3.03	-5.00	-5.00	-5.00	78.00	-20.00	59.00	9.00	-10.00	-15.00
423880	66.5978	152.5661	6.	4.0	-9999.	.76	-5.00	-5.00	-5.00	44.00	-20.00	34.00	-5.00	-10.00	-15.00
423881	66.5758	152.3011	7.	25.0	-9999.	2.92	-5.00	-5.00	-5.00	49.00	-20.00	45.00	10.00	-10.00	-15.00
423882	66.5864	152.3542	7.	104.0	-9999.	3.17	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423883	66.5728	152.3956	6.	13.0	-9999.	2.50	-5.00	-5.00	-5.00	44.00	-20.00	37.00	8.00	-10.00	-15.00
423884	66.5892	152.4292	8.	174.0	-9999.	3.15	-5.00	5.00	-5.00	44.00	-20.00	22.00	7.00	-10.00	-15.00
423885	66.5886	152.4008	7.	75.0	-9999.	2.83	-5.00	5.00	-5.00	45.00	-20.00	47.00	12.00	-10.00	-15.00
423886	66.5839	152.5581	7.	48.0	-9999.	2.72	-5.00	-5.00	-5.00	32.00	-20.00	35.00	6.00	-10.00	-15.00
423887	66.5400	152.5119	7.	62.0	-9999.	3.19	-5.00	7.00	-5.00	58.00	-20.00	54.00	11.00	-10.00	24.00
423888	66.5189	152.5603	7.	39.0	-9999.	2.90	-5.00	-5.00	-5.00	36.00	-20.00	30.00	8.00	-10.00	-15.00
423889	66.5119	152.4075	7.	33.0	-9999.	2.83	-5.00	-5.00	-5.00	50.00	-20.00	41.00	8.00	-10.00	-15.00
423890	66.5447	152.3797	7.	63.0	-9999.	2.81	-5.00	-5.00	-5.00	52.00	-20.00	40.00	6.00	-10.00	-15.00
423891	66.5336	152.3433	7.	38.0	-9999.	3.04	-5.00	-5.00	-5.00	76.00	-20.00	62.00	18.00	-10.00	-15.00
423892	66.5306	152.3164	8.	70.0	-9999.	3.71	-5.00	9.00	-5.00	49.00	-20.00	62.00	14.00	-10.00	-15.00
423893	66.5164	152.2031	7.	64.0	-9999.	3.72	-5.00	-5.00	-5.00	76.00	-20.00	61.00	14.00	-10.00	-15.00
423894	66.5236	152.1175	7.	9.0	-9999.	3.27	-5.00	-5.00	-5.00	30.00	-20.00	33.00	9.00	-10.00	-15.00
423895	66.5397	152.0797	7.	29.0	-9999.	2.80	-5.00	-5.00	-5.00	40.00	-20.00	30.00	10.00	-10.00	-15.00
423896	66.5636	152.0986	6.	34.0	-9999.	3.10	-5.00	-5.00	-5.00	68.00	-20.00	55.00	13.00	-10.00	-15.00
423897	66.5433	152.2128	6.	50.0	-9999.	3.99	-5.00	-5.00	-5.00	71.00	-20.00	69.00	11.00	-10.00	-15.00
423898	66.5614	152.1947	8.	111.0	-9999.	2.86	-5.00	-5.00	-5.00	60.00	-20.00	42.00	9.00	-10.00	20.00
423899	66.5747	152.1422	7.	24.0	-9999.	3.27	-5.00	7.00	-5.00	60.00	-20.00	62.00	13.00	-10.00	-15.00
423900	66.5931	152.1183	6.	24.0	-9999.	2.85	-5.00	-5.00	-5.00	47.00	-20.00	56.00	10.00	-10.00	-15.00
423901	66.6133	152.0675	6.	29.0	-9999.	2.67	-5.00	-5.00	-5.00	38.00	-20.00	37.00	8.00	-10.00	30.00
423902	66.7439	151.8600	7.	20.0	-9999.	2.04	-5.00	-5.00	-5.00	25.00	-20.00	31.00	7.00	-10.00	-15.00
423903	66.7517	151.7586	7.	32.0	-9999.	1.92	-5.00	-5.00	-5.00	38.00	-20.00	15.00	-5.00	-10.00	-15.00
423904	66.7536	151.6556	7.	45.0	-9999.	2.79	-5.00	-5.00	-5.00	49.00	-20.00	35.00	10.00	-10.00	-15.00
423905	66.7341	151.6042	6.	5.0	-9999.	1.69	-5.00	-5.00	-5.00	32.00	-20.00	35.00	6.00	-10.00	-15.00
423906	66.7539	151.5706	6.	7.0	-9999.	2.76	-5.00	-5.00	-5.00	30.00	-20.00	34.00	9.00	-10.00	23.00
423907	66.7431	151.4119	6.	102.0	-9999.	3.03	-5.00	5.00	-5.00	47.00	-20.00	33.00	15.00	-10.00	-15.00
423908	66.7450	151.3325	5.	15.0	-9999.	3.08	-5.00	-5.00	-5.00	27.00	-20.00	28.00	6.00	-10.00	-15.00
423909	66.7642	151.2775	5.	8.0	-9999.	1.68	-5.00	-5.00	-5.00	24.00	-20.00	15.00	-5.00	-10.00	-15.00
423910	66.7406	151.1783	5.	7.0	-9999.	2.18	-5.00	-5.00	-5.00	25.00	-20.00	21.00	-5.00	-10.00	-15.00
423911	66.7275	151.0922	5.	7.0	-9999.	2.67	-5.00	-5.00	-5.00	27.00	-20.00	29.00	-5.00	-10.00	-15.00
423912	66.7619	150.9086	4.	8.0	-9999.	2.33	-5.00	-5.00	-5.00	53.00	-20.00	29.00	7.00	-10.00	-15.00
423913	66.7992	151.6758	7.	87.0	-9999.	2.08	-5.00	-5.00	-5.00	27.00	-20.00	29.00	-5.00	-10.00	-15.00
423914	66.7917	151.4750	6.	9.0	-9999.	4.54	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
423915	66.9017	151.4750	6.	8.0	-9999.	4.60	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00

REITLES LAKE SEDIMENT

PG. TWO - SAMPLE SET 12

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MM PPM	RE PPM	LT PPM	SI PPM	AM PPM	HA PPM	CA PPM	CE PPM	CL PPM	CO PPM
423866	15.00	-5.00	218.00	-9999.00	-9999.00	-9999.00	58000.00	-0.09	654.00	6564.00	78.00	-95.00	11.70
423867	19.00	-5.00	192.00	-9999.00	-9999.00	-9999.00	56640.00	-0.09	447.00	20430.00	90.00	-102.00	16.70
423868	9.00	-5.00	191.00	-9999.00	-9999.00	-9999.00	49310.00	-0.17	700.00	7904.00	103.00	-103.00	14.40
423869	9.00	-5.00	142.00	-9999.00	-9999.00	-9999.00	43380.00	-0.08	-161.00	46900.00	69.00	-94.00	16.00
423870	15.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	78620.00	-0.11	1073.00	9468.00	84.00	-96.00	24.10
423871	12.00	-5.00	197.00	-9999.00	-9999.00	-9999.00	64520.00	-0.10	991.00	8710.00	50.00	-106.00	15.40
423872	19.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	58370.00	-0.11	704.00	9212.00	80.00	-94.00	13.90
423873	22.00	-5.00	166.00	-9999.00	-9999.00	-9999.00	70340.00	-0.12	561.00	13290.00	67.00	-110.00	27.20
423874	7.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	70090.00	-0.10	657.00	5777.00	77.00	-92.00	16.90
423875	15.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	76830.00	-0.12	746.00	7572.00	70.00	-119.00	20.70
423876	47.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	54200.00	-0.14	771.00	20630.00	62.00	-108.00	15.90
423877	12.00	-5.00	158.00	-9999.00	-9999.00	-9999.00	77970.00	-0.14	877.00	8078.00	64.00	-104.00	19.30
423878	13.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	62070.00	-0.12	749.00	11030.00	61.00	-95.00	16.20
423879	43.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	78950.00	-0.17	792.00	14390.00	74.00	-136.00	28.00
423880	13.00	-5.00	39.00	-9999.00	-9999.00	-9999.00	15430.00	-0.20	-199.00	-2109.00	-12.00	422.00	-3.00
423881	7.00	-5.00	175.00	-9999.00	-9999.00	-9999.00	74940.00	-0.15	666.00	8111.00	77.00	-108.00	20.90
423882	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	19460.00	-0.13	-200.00	18440.00	20.00	270.00	13.60
423883	12.00	-5.00	196.00	-9999.00	-9999.00	-9999.00	61240.00	-0.12	702.00	11450.00	74.00	-111.00	17.20
423884	15.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	63550.00	-0.14	797.00	10370.00	69.00	-100.00	16.70
423885	11.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	71420.00	-0.15	809.00	9249.00	67.00	-106.00	26.30
423886	7.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	74780.00	-0.15	644.00	-754.00	62.00	-95.00	9.40
423887	19.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	86180.00	-0.18	911.00	17850.00	62.00	-135.00	24.90
423888	14.00	-5.00	196.00	-9999.00	-9999.00	-9999.00	60440.00	-0.13	717.00	18070.00	97.00	-94.00	16.70
423889	16.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	78180.00	-0.16	876.00	7741.00	82.00	-102.00	21.30
423890	11.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	75070.00	-0.13	751.00	15160.00	63.00	-95.00	17.50
423891	15.00	-5.00	157.00	-9999.00	-9999.00	-9999.00	104700.00	-0.21	1158.00	5413.00	68.00	-134.00	27.40
423892	16.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	84780.00	-0.19	882.00	12230.00	98.00	-113.00	22.50
423893	19.00	-5.00	146.00	-9999.00	-9999.00	-9999.00	98470.00	-0.20	972.00	6174.00	84.00	-110.00	29.70
423894	6.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	64650.00	-0.11	722.00	8005.00	79.00	-93.00	19.00
423895	12.00	-5.00	179.00	-9999.00	-9999.00	-9999.00	67330.00	-0.13	943.00	8332.00	71.00	-112.00	15.40
423896	14.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	92600.00	-0.19	666.00	11290.00	85.00	-111.00	19.30
423897	22.00	-5.00	167.00	-9999.00	-9999.00	-9999.00	104800.00	-0.21	1082.00	-1149.00	93.00	-117.00	21.70
423898	24.00	-5.00	177.00	-9999.00	-9999.00	-9999.00	75540.00	-0.14	810.00	9264.00	74.00	-94.00	16.80
423899	13.00	-5.00	153.00	-9999.00	-9999.00	-9999.00	86910.00	-0.18	975.00	14610.00	64.00	-137.00	30.90
423900	10.00	-5.00	159.00	-9999.00	-9999.00	-9999.00	78730.00	-0.17	846.00	8206.00	75.00	-104.00	23.70
423901	8.00	-5.00	155.00	-9999.00	-9999.00	-9999.00	65160.00	-0.13	541.00	8183.00	75.00	-95.00	14.80
423902	5.00	-5.00	168.00	-9999.00	-9999.00	-9999.00	63190.00	-0.12	785.00	5611.00	83.00	-95.00	16.30
423903	10.00	-5.00	52.00	-9999.00	-9999.00	-9999.00	37260.00	-0.20	452.00	-2196.00	25.00	788.00	14.30
423904	12.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	71680.00	-0.15	790.00	7424.00	82.00	-94.00	15.40
423905	6.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	69280.00	-0.13	698.00	-776.00	92.00	-97.00	13.70
423906	7.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	66780.00	-0.12	749.00	5658.00	76.00	-92.00	14.90
423907	10.00	-5.00	156.00	-9999.00	-9999.00	-9999.00	70160.00	-0.13	971.00	12670.00	91.00	-116.00	20.40
423908	18.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	67790.00	-0.12	806.00	12710.00	90.00	-92.00	32.00
423909	-5.00	-5.00	46.00	-9999.00	-9999.00	-9999.00	27750.00	-0.20	493.00	-1468.00	-11.00	-95.00	13.60
423910	10.00	-5.00	85.00	-9999.00	-9999.00	-9999.00	59280.00	-0.10	728.00	-1217.00	59.00	-112.00	18.20
423911	8.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	63070.00	-0.13	755.00	10920.00	66.00	-112.00	15.70
423912	25.00	-5.00	79.00	-9999.00	-9999.00	-9999.00	45880.00	-0.19	653.00	-1053.00	53.00	-104.00	17.70
423913	9.00	-5.00	42.00	-9999.00	-9999.00	-9999.00	35210.00	-0.10	-357.00	21830.00	41.00	-131.00	19.50
423914	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	70910.00	-0.13	573.00	18610.00	81.00	-106.00	17.10
423915	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	74400.00	-0.12	997.00	15610.00	99.00	-115.00	18.20

NETTLE'S LAKE SEDIMENT

PG. THREE - SAMPLE SFT 12

SAMPLE NO.	CP PPM	CS PPM	DV PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LN PPM	MG PPM	NI PPM	NA PPM	OR PPM
423864	91.00	3.50	7.00	1.50	36310.00	7.20	9775.00	35.00	.40	7978.00	353.00	11500.00	-33.00
423867	84.00	5.00	7.00	1.70	43540.00	6.40	13670.00	41.00	.50	10010.00	579.00	10700.00	56.00
423868	94.00	4.30	6.00	1.60	40270.00	7.70	17210.00	42.00	.40	11170.00	505.00	10430.00	-42.00
423869	43.00	-1.60	4.00	1.30	32660.00	5.00	11330.00	29.00	.30	9128.00	1177.00	8740.00	-29.00
423870	101.00	5.80	7.00	1.70	47330.00	5.10	15530.00	36.00	.40	11760.00	465.00	9764.00	112.00
423871	92.00	3.50	7.00	1.90	42360.00	6.40	11040.00	39.00	.40	10420.00	488.00	11680.00	-29.00
423872	71.00	3.40	7.00	1.50	36930.00	6.10	11920.00	27.00	.40	8681.00	423.00	10160.00	-30.00
423873	94.00	4.50	6.00	1.40	26590.00	5.10	15640.00	34.00	.30	9640.00	1019.00	9899.00	85.00
423874	101.00	4.50	7.00	1.70	35720.00	6.50	14650.00	38.00	.40	9643.00	282.00	10760.00	84.00
423875	96.00	-2.60	8.00	1.50	47220.00	5.30	14160.00	40.00	.40	9940.00	536.00	10250.00	-48.00
423876	91.00	3.40	7.00	1.60	71270.00	4.20	11910.00	30.00	.30	10020.00	1480.00	9407.00	-40.00
423877	74.00	5.20	5.00	1.10	16480.00	5.10	11910.00	40.00	-.20	7674.00	364.00	10450.00	108.00
423878	95.00	4.50	7.00	1.30	45570.00	5.80	12950.00	33.00	.40	9981.00	505.00	10310.00	85.00
423879	113.00	6.10	6.00	1.30	76810.00	5.90	21530.00	-11.00	.40	13730.00	1361.00	7966.00	-11.00
423880	46.00	-3.00	-1.00	-.60	4001.00	-2.10	-3004.00	-18.00	-.20	-1891.00	135.00	1561.00	-58.00
423881	109.00	-2.50	5.00	1.20	43440.00	4.20	9310.00	30.00	.40	10970.00	519.00	12250.00	-47.00
423882	50.00	-2.20	-1.00	-.30	22240.00	-1.30	-4558.00	-12.00	-.10	-1932.00	887.00	1955.00	-43.00
423883	79.00	2.60	7.00	1.50	19660.00	6.00	11490.00	35.00	.40	8806.00	623.00	10860.00	-41.00
423884	93.00	3.40	6.00	1.40	39500.00	6.40	10680.00	37.00	.40	9734.00	542.00	10830.00	-39.00
423885	85.00	-2.50	5.00	1.40	37420.00	4.30	12540.00	30.00	.30	9847.00	483.00	10680.00	-40.00
423886	105.00	5.90	5.00	1.20	27310.00	6.00	18280.00	36.00	.60	8352.00	217.00	8976.00	129.00
423887	140.00	5.80	6.00	1.40	52090.00	5.20	22430.00	-13.00	.60	14160.00	963.00	8727.00	-50.00
423888	90.00	3.50	7.00	1.60	36480.00	6.70	12260.00	37.00	.50	9867.00	516.00	10800.00	74.00
423889	104.00	6.10	5.00	1.50	60160.00	3.80	11050.00	44.00	.30	8965.00	661.00	10100.00	-51.00
423890	101.00	5.00	7.00	1.40	37880.00	4.60	15070.00	34.00	.30	13040.00	510.00	9765.00	94.00
423891	149.00	8.50	6.00	1.30	54050.00	4.60	26140.00	-13.00	.40	15240.00	1065.00	8437.00	-88.00
423892	125.00	5.50	6.00	1.40	47790.00	5.30	18950.00	-11.00	.50	13740.00	903.00	9033.00	-54.00
423893	105.00	9.40	5.00	1.50	48580.00	-2.00	26390.00	39.00	-.20	11430.00	557.00	8192.00	-60.00
423894	81.00	4.70	7.00	1.50	32150.00	7.50	11750.00	47.00	.30	8826.00	362.00	11750.00	-33.00
423895	100.00	4.70	6.00	1.40	42140.00	6.20	14430.00	41.00	.30	10170.00	414.00	11020.00	-44.00
423896	91.00	-3.60	6.00	1.70	42760.00	4.90	21090.00	31.00	.40	13210.00	661.00	8696.00	-55.00
423897	144.00	6.40	6.00	1.50	51880.00	5.00	24690.00	-13.00	.40	19100.00	543.00	9030.00	110.00
423898	111.00	7.30	5.00	1.40	50190.00	5.00	19330.00	43.00	.40	15450.00	523.00	9324.00	89.00
423899	124.00	7.70	7.00	1.90	47310.00	4.70	18420.00	32.00	.50	13150.00	886.00	8715.00	-59.00
423900	111.00	5.50	6.00	1.90	49290.00	4.80	13740.00	33.00	.40	10940.00	489.00	10470.00	-46.00
423902	77.00	-2.50	5.00	1.10	41520.00	4.80	16270.00	35.00	.30	10170.00	528.00	11490.00	-39.00
423903	90.00	4.40	8.00	1.40	39310.00	6.40	10590.00	40.00	.60	7708.00	446.00	10760.00	-37.00
423904	51.00	-3.30	3.00	-.50	26970.00	-2.10	-6157.00	-20.00	-.20	-2744.00	787.00	7599.00	-71.00
423905	98.00	5.80	7.00	1.20	46000.00	5.70	19140.00	28.00	.30	11690.00	451.00	10490.00	-44.00
423906	77.00	5.50	4.00	1.40	30570.00	6.00	14090.00	27.00	.50	7345.00	277.00	11270.00	-40.00
423907	93.00	3.90	7.00	1.70	29740.00	5.60	17730.00	39.00	.30	10760.00	308.00	11170.00	-38.00
423908	100.00	4.30	6.00	1.50	44060.00	5.60	13300.00	37.00	.30	11330.00	709.00	11700.00	109.00
423909	75.00	-2.00	7.00	1.50	31240.00	6.60	8351.00	33.00	.40	9049.00	443.00	11370.00	-39.00
423910	-20.00	-3.30	3.00	1.10	23160.00	-2.20	-4275.00	-17.00	-.20	-2074.00	420.00	2754.00	-65.00
423911	94.00	-2.90	5.00	-.40	34520.00	3.70	9784.00	-15.00	.30	8115.00	396.00	7203.00	-52.00
423912	111.00	4.70	6.00	1.40	35110.00	7.30	8202.00	31.00	.40	10940.00	431.00	11770.00	-41.00
423913	78.00	-3.10	4.00	1.30	20110.00	3.10	8409.00	-15.00	-.20	4447.00	192.00	5225.00	-54.00
423917	63.00	-3.19	3.00	-.50	31110.00	-2.00	-7197.00	-15.00	-.20	-3252.00	1627.00	3195.00	-59.00
423922	94.00	5.20	5.00	1.40	46770.00	7.90	17560.00	34.00	.40	18750.00	508.00	13430.00	-40.00
423924	91.00	4.50	6.00	1.70	50460.00	7.20	11440.00	43.00	.40	12650.00	791.00	13040.00	-37.00

NETTLES LAKE SEDIMENT

PC. FMP - SAMPLE SET 12

SAMPLE NO.	SR PPM	SC PPM	SM PPM	SP PPM	TA PPM	TS PPM	TH PPM	TI PPM	V PPM	YB PPM	JH PPM	TH/U RATIO
423866	-2.00	13.30	6.70	-197.00	-2.00	-1.00	10.40	5039.00	116.00	4.20	-21.00	3.92400
423867	-3.00	14.00	6.00	-256.00	-1.00	1.00	10.30	4774.00	121.00	3.30	-94.00	4.12400
423868	-3.00	16.50	7.00	-300.00	-2.00	-1.00	10.40	5357.00	132.00	3.80	-98.00	3.72900
423869	-2.00	12.10	5.30	-303.00	-1.00	-1.00	8.60	4450.00	86.00	4.40	-43.00	3.06700
423870	-3.00	18.90	6.30	-244.00	-2.00	-1.00	12.00	5181.00	170.00	4.80	-155.00	3.92400
423871	-3.00	15.40	7.30	-250.00	-1.00	-1.00	10.50	4995.00	142.00	-2.00	120.00	3.44400
423872	-3.00	13.40	6.80	-260.00	-1.00	-1.00	9.70	4389.00	125.00	3.80	-12.00	3.58400
423873	-3.00	19.50	4.90	-344.00	-2.00	-1.00	8.70	3679.00	150.00	3.70	-75.00	3.16500
423874	-3.00	17.00	6.50	-159.00	-2.00	-1.00	10.40	4851.00	159.00	6.10	210.00	3.83100
423875	-4.00	17.70	6.70	-306.00	-2.00	-1.00	10.70	5094.00	149.00	4.70	119.00	3.23400
423876	-4.00	13.60	6.70	-430.00	-2.00	-1.00	8.00	4046.00	119.00	2.90	137.00	4.04900
423877	-4.00	16.30	5.10	-293.00	-2.00	-1.00	8.30	4456.00	161.00	4.10	-58.00	2.97600
423878	-3.00	14.70	6.00	-235.00	-2.00	-1.00	8.90	4333.00	139.00	4.50	-36.00	3.55900
423879	-5.00	19.90	5.50	-463.00	-2.00	-1.00	10.10	4581.00	191.00	4.60	162.00	3.32300
423880	-5.00	4.10	1.90	-249.00	-3.00	-1.00	-7.50	9999.00	47.00	-3.30	162.00	0.00000
423881	-4.00	20.40	3.80	-282.00	-2.00	-1.00	7.90	5147.00	196.00	-2.30	-65.00	2.70300
423882	-3.00	5.20	1.90	-361.00	-3.00	-1.00	4.70	1341.00	49.00	-2.20	-15.00	1.46400
423883	-3.00	14.40	6.30	-281.00	-2.00	-1.00	8.70	4648.00	119.00	6.30	-150.00	3.44400
423884	-4.00	14.50	6.50	-295.00	-2.00	-1.00	7.90	4870.00	141.00	3.90	127.00	2.50600
423885	-4.00	16.80	5.70	-281.00	-2.00	-1.00	7.40	3649.00	141.00	3.50	-67.00	2.61800
423886	-4.00	17.80	5.60	-212.00	-2.00	-1.00	8.50	4852.00	159.00	-2.30	-107.00	3.12500
423887	-5.00	20.90	5.10	-406.00	-3.00	-1.00	10.10	5356.00	204.00	-2.70	190.00	3.16500
423888	-4.00	14.00	6.30	-279.00	-1.00	-1.00	9.00	4720.00	118.00	4.80	78.00	3.10600
423889	-4.00	17.90	3.90	-309.00	-2.00	-1.00	10.90	5372.00	152.00	-2.50	-73.00	3.44400
423890	-3.00	17.20	5.40	-246.00	-1.00	-1.00	10.10	4912.00	174.00	-2.20	119.00	3.59700
423891	-6.00	24.10	3.00	-471.00	-2.00	-1.00	11.40	5470.00	245.00	-3.20	250.00	2.89000
423892	-5.00	19.90	6.90	-409.00	-2.00	-1.00	8.70	5212.00	201.00	3.30	-194.00	3.02100
423893	-4.00	25.70	4.80	-331.00	-2.00	-1.00	17.20	5858.00	219.00	-8.50	-97.00	3.27900
423894	-3.00	14.20	7.00	-212.00	-2.00	-1.00	10.70	5520.00	121.00	-1.00	-127.00	3.26800
423895	-4.00	15.80	6.80	-255.00	-2.00	-1.00	10.90	4999.00	133.00	3.80	155.00	3.77400
423896	-5.00	18.60	6.90	-366.00	-2.00	-1.00	11.00	4948.00	195.00	4.90	-87.00	3.54600
423897	-6.00	27.00	3.60	-333.00	-2.00	-1.00	11.40	5077.00	234.00	-3.90	-98.00	2.99500
423898	-4.00	14.40	6.20	-246.00	-2.00	-1.00	9.50	5129.00	141.00	3.60	-129.00	3.32200
423899	-5.00	21.60	5.40	-404.00	-3.00	-1.00	10.40	5807.00	199.00	3.50	731.00	3.12500
423900	-5.00	19.00	6.60	-303.00	-2.00	-1.00	8.70	5104.00	125.00	2.70	-193.00	3.04900
423901	-4.00	15.70	5.80	-257.00	-1.00	-1.00	8.40	5337.00	194.00	4.00	-55.00	3.14500
423902	-3.00	15.30	6.60	-223.00	-2.00	-1.00	9.00	5054.00	133.00	3.80	-52.00	3.36700
423903	-5.00	9.50	-1.40	-504.00	-4.00	-1.00	-2.70	2720.00	72.00	-3.40	-110.00	0.00000
423904	-4.00	16.70	6.80	-285.00	-2.00	-1.00	8.20	5571.00	160.00	3.40	-125.00	2.94100
423905	-4.00	15.20	5.20	-227.00	-2.00	-1.00	9.40	5152.00	129.00	3.30	-53.00	3.04000
423906	-3.00	15.70	6.60	-209.00	-2.00	-1.00	9.50	4916.00	138.00	3.30	115.00	3.20500
423907	-4.00	18.30	6.40	-294.00	-2.00	-1.00	10.40	5379.00	164.00	4.90	-164.00	2.73200
423908	-3.00	13.40	6.80	-259.00	-1.00	-1.00	9.40	4944.00	126.00	4.60	-102.00	3.04900
423909	-5.00	9.90	-1.70	-360.00	-4.00	-1.00	4.00	1961.00	57.00	-3.40	-90.00	2.91500
423910	-5.00	13.40	4.00	-300.00	-3.00	-1.00	7.30	7445.00	129.00	-2.70	161.00	3.34400
423911	-4.00	15.90	6.00	-253.00	-1.00	-1.00	8.50	6229.00	159.00	4.60	163.00	3.12500
423912	-5.00	11.00	2.70	-294.00	-3.00	-1.00	7.00	2663.00	104.00	-3.20	-78.00	3.00300
423913	-5.00	8.50	-1.40	-666.00	-4.00	-1.00	4.50	9999.00	81.00	-3.40	-100.00	2.18200
423914	-3.00	19.40	6.00	-244.00	-1.00	-1.00	9.90	7281.00	142.00	4.30	-50.00	2.17900
423915	-3.00	17.40	8.00	-291.00	-1.00	-1.00	12.60	7217.00	172.00	5.00	247.00	2.74000