FILMED

Province of British Columbia | Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
SOIL GEOCHEMICAL	$3,808.00

AUTHOR(S) J.A. FLEMING SIGNATURE(S) J. A. Fleming

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED SEPT. 24, 1986 YEAR OF WORK 1986

PROPERTY NAME(S) EAST 86 GROUP

COMMODITIES PRESENT NOT KNOWN

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION NANAIMO NTS 92L 11W

LATITUDE 50° 35' N LONGITUDE 127° 24' W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Spam 28 Fr, Car 12, Expo 29-32, Expo 51, Expo 1 Fr, Lamb (3 units), Expo 53-56, Rupert 1-5, Rupert 6 Fr, Rupert 7, Rupert 11-13, Rupert 15, Rupert 18, Jim 10, Jim 12, Jim 14, Jim 16, Star (15 units), Sun (20 units), Mary (16 units), Moon (16 units)

OWNER(S)

(1) Utah Mines Ltd. (2) Gordon Milbourne

MAILING ADDRESS

Box 370
Port Hardy, B.C. V0N 2P0

c/o Ladner Downs
2100 - 700 West Georgia Street
Vancouver, B.C.

OPERATOR(S) (that is, Company paying for the work)

(1) Utah Mines Ltd. (2)

MAILING ADDRESS

Box 370
Port Hardy, B.C. V0N 2P0

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The Upper Triassic and Lower Jurassic volcanic and sedimentary succession of the Vancouver and Bonanza Groups underlie the area. Porphyry dykes believed linked to the Rupert Stock extend east from Rupert Inlet. From south to north the underlying succession, dipping gently southward, from top to bottom, is the Bonanza Group pyroclastic volcanics, Parson Bay calcareous siltstones, shales and limestone with shaley interbeds, Quatsino limestone and Karmutsen amygdaloidal basalt. Copper mineralization has not been detected in the immediate area.

REFERENCES TO PREVIOUS WORK Report on Diamond Drilling on the Rupp, Ex, Beaver, and Star Mineral Claims, May 1977 by J. Lamb; Soil Geochem Survey, East-86 Group, August 1986 by J.A. Fleming

(over)

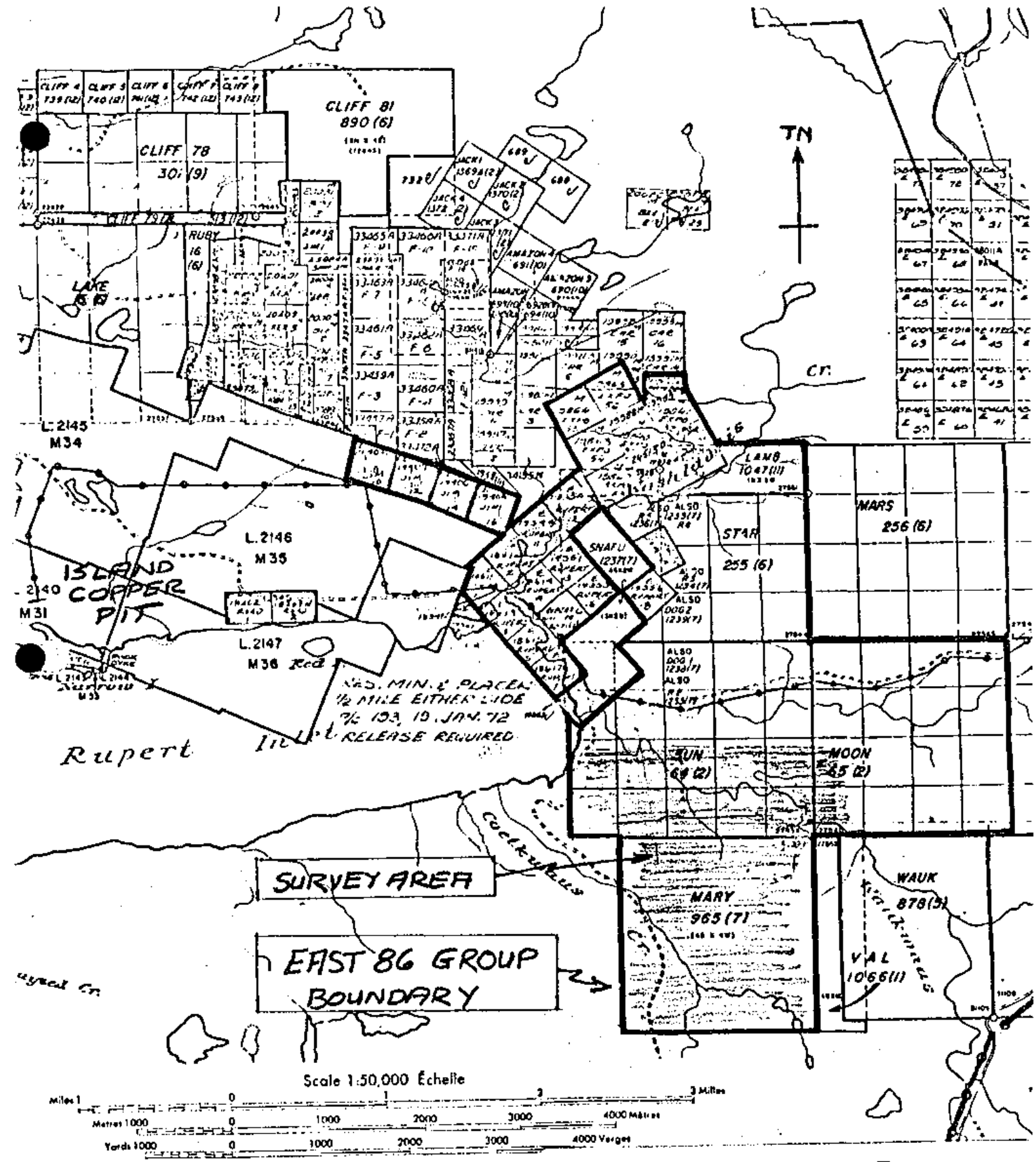
15707 PART 6 OF 6

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	190 samples	Mary, Sun, Moon	$3,808.00
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	$3,808.00

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted ..... Date	Rept. No.			Information Class

TABLE OF CONTENTS

TABLE OF CONTENTS



INDEX MAP
GEOCHEM. SURVEY
EAST-86 GROUP

NTS 92L/1W

1.0 INTRODUCTION

Between July 7 and August 5, 1986, a two-person sampling crew spent twelve crew-days collecting soil samples from cut lines in the East 86 Group of Claims, east of Rupert Inlet. This was part of a soil sampling program at the east end of the mineral property. The plan was to sample the reddish-brown soil underlying the organic cover, but to collect a sample anyway if that horizon could not be reached or was absent. Samples were collected on lines at stations set 30.5 meters apart. A total of 398 samples were collected. A total of 190 were given a DCP analysis for copper, molybdenum, lead, zinc, silver, arsenic and manganese. Generally, only every second sample (odd numbers) were submitted for assay. Alternate samples will be submitted as follow-up in anomalous areas.

The objective of the survey was to provide geochemical coverage in a part of the claim group adequate to detect the presence of a near surface porphyry copper-moly deposit where the overburden was less than about 50 feet thick. The elements selected for study are considered to be the most suitable for detecting the target deposit and could possibly detect underlying lead-zinc vein type mineralization under favourable conditions of overburden thickness. By using a multi-element approach, new information could be gained about the area.

2.0 LOCATION AND ACCESS

The survey area is located in the Nanaimo Mining Division with co-ordinates 50° 35'N and 127° 24'W. It is located on the NTS map sheet 92L/11W and borders on claims contiguous with the Utah Mines Ltd. mineral leases some 8 km south of Port Hardy. Access is provided part way by paved highway from Port Hardy and the remainder by logging roads suitable for two wheel drive vehicles.

3.0 CLIMATE

Precipitation at the Port Hardy airport is normally about 160 cm per year including 42 cm of snow. Minimum and maximum temperatures are usually in the range of -12° and 27° C.

4.0 GEOLOGY

The Upper Triassic and Lower Jurassic sedimentary and volcanic succession of the Vancouver and Bonanza Groups respectively, and the Jurassic "Rupert" Stock underlie the area east of Rupert Inlet (Map 2). The succession strikes

4.0 GEOLOGY (cont'd)

approximately west-northwest and dips gently southward becoming younger to the south. From south to north the formations are: (1) Bonanza Volcanics andesitic tuffs and flows under lain by (2) Parson Bay calcareous siltstone with interbedded shales and andesitic and cherty tuffs, and limestone with shaley interbeds underlain by (3) Quatsino limestone and (4) Karmutsen amygdaloidal basalt flows. The Rupert Stock underlies the northwest corner of Rupert Inlet and the uplands cutting the Bonanza Volcanics. It is a porphyritic granodiorite.

5.0 PHYSIOGRAPHY AND VEGETATION

a) Topography and Landscape

The area is in the coastal lowland of the Suquash Basin forming part of the Nahwitti Lowlands of the Central Trough physiographic subdivision. The area is characterized by rounded, gently rolling hills with a maximum relief of about 125 meters. Washlawlis Hill, to the north of the survey area, has an elevation of 173 meters. The survey area straddles the Waukwaas Creek with the land rising to the north and south of the creek.

b) Drainage

i) Stream Drainage

Waukwaas Creek and tributaries drain west across the survey area, with a low gradient, into Rupert Inlet.

ii) Lakes

A small lake occurs on line 75E, between stations 55S and 59S.

iii) Bogs

Marshy ground occurs in various parts of the survey area as indicated on the field notes.

c) Overburden, Soils and Vegetation

i) Overburden

The area has a variable cover of glacial till, peat and moss. Outcrop exposure in the area is sparce. Overburden thickness over the survey area is unknown, but probably exceeds 15 meters. A drill hole on the west edge of the area has 63 meters of overburden.

5.0 PHYSIOGRAPHY AND VEGETATION (cont'd)

c) Overburden, Soils and Vegetation (cont'd)

ii) Soil Development

The B horizon is well developed on the North Island, but it is not always possible to observe because of the accumulation of organic waste which varies from forest litter to well fermented material. A high proportion of the samples have been taken from the A horizon as the B horizon could not be reached.

iii) Vegetation

The vegetation consists mainly of coniferous, virgin forest.

6.0 SAMPLE COLLECTION AND PREPARATION

a) Collection

i) Sampling Plan

Samples were collected using a narrow trenching shovel at stations spaced at 30.5 meter intervals along the cut lines, with alternate samples analyzed.

ii) Sample Medium Collected

The objective was to sample, whenever possible, the reddish-brown soil underlying the organic cover. Roots, twigs and leaves were avoided, as much as possible. If the sought horizon could not be reached, or was not present, a sample of the available material was taken and the horizon recorded.

iii) Sample Collection

About 50 to 60 grams of soil were collected at each station and placed in kraft paper envelopes.

iv) Sample Handling

Samples were dried in a drying oven at a temperature of 80° C for about 12 hours for drying prior to shipping to lab.

6.0 SAMPLE COLLECTIONS AND PREPARATION (cont'd)

b) Laboratories

The samples were sent to one lab, Utah International's Lab in Sunnyvale, California, for the DCP analyses. Assay sheets are included in Appendix A.

c) Sample Analysis

Methods of sample analysis are provided in Appendix A with the assay sheets.

d) Data Handling

Cumulative probability plots and histograms were computer generated for all elements. Assays below detection limits were not included in the statistical analysis. These assays probably constitute a separate population. Assays are included in Appendix A. The probability curves for copper, zinc and manganese (Appendix C) suggest the presence of more than one data population, but do not allow partitioning. Thus, the thresholds were determined on the basis of slope breaks at high concentration tails and previous experience in the area. The medium and high anomaly levels were selected at approximately two and four times the standard deviation respectively above the lower threshold values. Probability plots for other elements are not suitable for interpretation. Thresholds for these elements were taken at the mean value and multiples of the standard deviations. These values and the basic distribution parameters are given in the following table. All silver values above detection level are considered anomalous.

TABLE 1: STATISTICAL PARAMETERS

NAME	# OF VALUES	ARITHMETIC (ppm) MEAN	STD. DEV.	THRESHOLDS (ppm) LOW	MEAN	HIGH
Cu	192	47.1	21.5	60	100	140
Mo	178	5.4	2.1	5	7	9
Pb	55	4.1	2.2	4	6	8
Zn	192	44.5	24.9	60	110	160
Ag	5	0.2	0.06	0.2	0.4	0.6
As	44	5.3	2.6	5	9	13
Mn	190	355.3	314.1	600	1200	1800

The assay values for all elements are plotted on the 1:4800 scale maps. The station symbols are sized according to the threshold levels the assays fall in.

7.0 RESULTS

Most of the anomalies are in the low anomaly range. The few moderate and high anomalies, other than moly, are in the organic A horizon which has probably enhanced the values relative to those low level anomalies in the horizon. About half of the anomalies are single element anomalies, excluding manganese and arsenic. Manganese anomalies are not interpreted as significant on their own, but in support of anomalies of lead, zinc and silver anomalies. Arsenic anomalies are regarded as indicators for follow-up assaying for gold. Low level copper-zinc and copper-moly anomalies are the most common of the multi-element anomalies.

Two main anomaly groupings are apparent. One occurs at the north ends of lines 59, 67 and 65. The second anomaly area lies to the west of the first and occurs at the north end of lines 27 and 35 east. The first anomaly area is comprised of two sections. The first is an east-west trending belt of copper-lead and lead anomalies. All of these anomalies occur in the high organic A horizon and are discounted. Some swampy ground occurs at station 8N on line 75E. To the north of this, on lines 67E and 75E, occur a series of low level copper, +/- moly, +/- lead, +/- zinc anomalies. All but one of these anomalies occur in the B horizon and are probably valid, albeit weak anomalies. The second anomaly area consists mainly of a series of low level copper-zinc anomalies with moderate moly in the B horizon. Again, this is probably a valid but weak anomaly.

Spot anomalies of single and multi-elements occur scattered over the survey area. Most of these are either in the A horizon and are discounted, or are weak anomalies in the B horizon. There are several exceptions. Station L19E 19S has a moderate copper anomaly with low manganese and moly anomalies. The sample is from the B horizon. A low copper-zinc-moly anomaly occurs at station 15N on the same line and may be related. This anomaly is interesting because the overburden is projected to be very thick in this area. Station 13S on line 67E has a high zinc and low copper anomaly from the B horizon. This station is at the top of a cliff and therefore, overburden thickness is probably thin. The anomaly may be caused by a combination of moderate organic content and thin overburden. A moderate-high copper, lead-zinc anomaly occurs at station 69S on line 43E. Although this is from the organic A horizon beside a creek, the anomaly is interesting as it is one of only two moderate-high copper-lead-zinc anomalies. The other is in the first anomaly area described above. Silver and arsenic anomalies are scattered over the area and occur as single anomalies or as part of multi-element anomalies. No pattern of distribution is apparent.

7.0 RESULTS (cont'd)

A large number of low-moderate single element moly anomalies occur in the B horizon on lines 43E and 75E south of Waukwaas Creek. These may reflect a separate population of higher background moly levels from those north of the creek.

8.0 DISCUSSION

The low assay values reflect the thick overburden cover in the area. With the thicknesses projected it is questionable whether the anomalies could reflect underlying mineralization. The high organic content of most of the anomalous samples probably enhanced the metal concentrations.

9.0 RECOMMENDATIONS

The samples with arsenic and/or silver anomalies should be assayed for gold. The alternate samples (even numbered samples) should be submitted for assay to better define and validate the two main anomaly areas and several anomalies described above.

10.0 COST STATEMENT

ASSAYS	190 samples @ $5.00	$ 950.00
COLLECTION	6 days (2 person crew) @ $215/day	$ 1,290.00
SUPERVISION		$ 120.00
OVERHEAD	25% supervision & labour	$ 352.50
VEHICLE	6 days @ $19.75	$ 118.50
	Gas	$ 12.00
SUPPLIES	Flagging, tags, bags	$ 75.00
SHIPPING	Samples to Sunnyvale Lab ($1.00/sample est.)	$ 190.00
REPORT WRITING		$ 700.00
TOTAL		$ 3,808.00

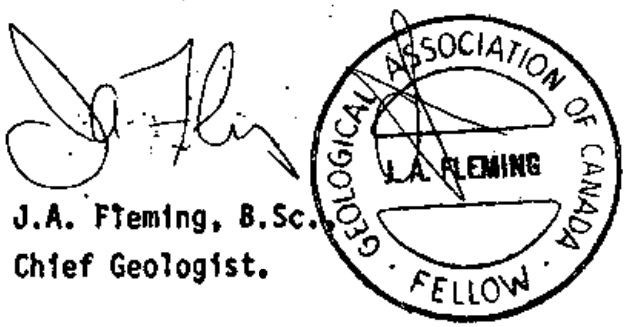
STATEMENT OF QUALIFICATIONS

I submit that I am qualified to prepare and present this report for assessment credit. My qualifications are as follows:

1) I have a B.Sc., (Major Geology) 1971 from McGill University.

2) I have been employed as a geologist continuously since June, 1968, and am presently Chief Geologist, Island Copper Mine, Utah Mines Ltd.

3) I have been a Fellow of the Geological Association of Canada since 1974.



J.A. Fleming, B.Sc.,
Chief Geologist.

Island Copper Mine,
Utah Mines Ltd.

APPENDIX A
ASSAYS

SAMPLE PREPARATION

Samples are dried and screened to -80 mesh. A 500 mg sample of the fine fraction is dissolved in a solution of 2 ml nitric/2 ml perchloric acid diluted to 10 ml in 20% hydrocloric acid for 3 - 4 hours. The solution was subjected to DC plasma analysis using a Specmin SpectraSpan 6 system, with the instrument programmed and calibrated for the elements reported.

REPORT OF CHEMICAL ANALYSIS

UTAH INTERNATIONAL INC. MINERALS LABORATORY
1190 BORDEAUX DRIVE
SUNNYVALE, CALIFORNIA 94809
PHONE: (408) 744-1600

PROJECT ISLAND COPPER RECON. SUBMITTED BY J. FLEMING
CHARGE: ISLAND CU GEO. MINERALS LAB NO. 86- 620

SAMPLE ID	PPM CU	PPM MO	PPM PB	PPM ZN	PPM AG	PPM MN	PPM AS
19E-23S	48	7	-2	23	-0.2	140	-2
19E-21S	59	6	-2	39	-0.2	178	-2
19E-19S	110	7	-2	50	-0.2	670	-2
19E-17S	62	8	-2	50	-0.2	570	-2
19E-15S	67	8	-2	61	-0.2	385	-2
19E-13S	38	8	-2	36	-0.2	250	-2
19E-11S	45	7	-2	48	-0.2	835	8
19E-9S	54	4	-2	50	-0.2	635	-2
19E-7S	59	5	-2	51	-0.2	725	-2
19E-5S	59	6	-2	56	-0.2	1100	-2
19E-3S	51	5	-2	61	-0.2	890	-2
19E-1S	61	5	-2	55	-0.2	495	-2
19E-1N	58	4	5	64	-0.2	815	-2
19E-3N	26	5	3	23	-0.2	164	-2
19E-5N	40	7	-2	55	-0.2	440	-2
19E-7N	28	6	2	46	-0.2	210	-2
27E-23S	68	6	-2	42	-0.2	460	-2
27E-21S	61	5	-2	46	-0.2	355	-2
27E-19S	42	9	-2	27	-0.2	192	-2
27E-17S	44	3	6	45	-0.2	220	-2
27E-15S	38	4	-2	41	-0.2	285	-2
27E-13S	62	5	-2	55	-0.2	905	-2
27E-11S	60	5	-2	57	-0.2	835	-2
27E-7S	46	4	-2	44	-0.2	610	5
27E-5S	64	4	-2	56	-0.2	915	-2
27E-3S	53	5	-2	49	-0.2	750	-2
27E-1S	54	6	-2	58	-0.2	645	-2
27E-1N	35	5	-2	37	-0.2	215	-2
27E-3N	53	8	-2	58	-0.2	1300	9
27E-5N	75	6	-2	44	-0.2	385	-2
27E-7N	99	8	-2	80	-0.2	345	-2
35E-21S	17	2	3	22	-0.2	100	-2
35E-19S	27	1	5	14	-0.2	53	-2
35E-15S	21	5	-2	40	-0.2	205	-2
35E-13S	38	6	-2	50	-0.2	680	-2
35E-11S	45	3	-2	43	-0.2	505	-2
35E-7S	56	5	-2	49	-0.2	650	-2
35E-5S	64	5	-2	67	-0.2	265	-2
35E-3S	82	6	2	100	-0.2	440	6
35E-1S	43	6	-2	57	-0.2	365	-2
35E-1N	86	6	-2	100	-0.2	430	-2
35E-3N	65	12	-2	65	-0.2	290	-2
35E-5N	61	8	-2	35	-0.2	270	-2
35E-7N	66	9	-2	66	-0.2	235	-2
35E-9N	26	-1	3	21	-0.2	138	4
438E-69S	110	6	12	210	-0.2	22	-2
438E-67S	37	4	5	35	-0.2	23	6

REPORT OF CHEMICAL ANALYSIS

UTAH INTERNATIONAL INC. MINERALS LABORATORY
1190 BORDEAUX DRIVE
SUNNYVALE, CALIFORNIA 94809
PHONE: (408) 744-1600

PROJECT ISLAND COPPER RECON. SUBMITTED BY J. FLEMING
CHARGE: ISLAND CU GEO. MINERALS LAB NO. 86- 620

SAMPLE ID	PPM CU	PPM MO	PPM PB	PPM ZN	PPM AG	PPM MN	PPM AS
43BE-65S	19	2	2	33	-0.2	7	-2
43BE-61S	31	2	3	27	-0.2	26	3
43BE-59S	89	7	8	98	-0.2	625	-2
43BE-57S	26	8	3	50	0.2	160	2
43BE-55S	71	7	4	85	-0.2	595	7
43BE-53S	34	6	-2	45	-0.2	225	3
43BE-51S	12	-1	4	29	-0.2	47	-2
43BE-47S	39	5	3	20	-0.2	40	-2
43BE-45S	16	-1	3	14	-0.2	35	-2
43BE-43S	50	8	-2	60	-0.2	168	-2
43BE-41S	47	2	5	22	-0.2	49	-2
43BE-39S	54	8	-2	36	-0.2	134	-2
43BE-38S	36	7	-2	41	-0.2	445	3
43BE-37S	81	7	-2	64	-0.2	220	-2
43BE-35S	71	9	-2	59	-0.2	405	-2
43BE-33S	38	-1	3	21	-0.2	44	-2
43BE-31S	59	8	-2	35	-0.2	126	-2
43BE-29S	79	8	-2	43	-0.2	225	-2
43BE-27S	47	9	-2	35	-0.2	166	-2
43BE-25S	72	8	-2	55	-0.2	255	-2
43BE-23S	42	1	5	21	-0.2	136	-2
43BE-21S	36	10	-2	28	-0.2	102	-2
43BE-19S	57	9	-2	39	-0.2	265	-2
43BE-17S	50	9	-2	33	-0.2	166	-2
43BE-15S	53	7	-2	33	-0.2	385	-2
43BE-13S	31	6	-2	17	-0.2	104	-2
43BE-11S	56	7	-2	60	-0.2	385	-2
43BE-9S	33	8	-2	27	-0.2	108	-2
43BE-7S	65	5	-2	28	-0.2	320	-2
43BE-5S	31	8	-2	20	-0.2	230	-2
43BE-3SA	41	4	-2	46	-0.2	490	-2
43BE-1SA	46	6	-2	32	-0.2	265	-2
43BE-1NA	49	5	-2	35	-0.2	280	5
43BE-3NA	30	4	-2	25	-0.2	150	-2
43BE-5NA	82	6	-2	64	-0.2	425	-2
43BE-7NA	79	6	-2	75	-0.2	810	-2
43BE-9NA	88	7	-2	98	-0.2	1080	3
43BE-11NA	30	5	-2	43	-0.2	170	-2
43BE-13N	42	4	-2	49	-0.2	590	3
43E-3SB	45	5	-2	39	-0.2	320	-2
43E-1SB	35	5	-2	60	-0.2	960	-2
43E-1NB	12	-1	3	17	-0.2	23	2
43E-3NB	48	5	-2	35	-0.2	275	-2
43E-5NB	42	7	-2	40	-0.2	2300	-2
43E-7NB	34	2	3	16	-0.2	122	-2
43E-9NB	16	-1	2	14	-0.2	71	-2
43E-11NB	51	6	-2	52	-0.2	400	-2

REPORT OF CHEMICAL ANALYSIS

UTAH INTERNATIONAL INC. MINERALS LABORATORY
1190 BORDEAUX DRIVE
SUNNYVALE, CALIFORNIA 94809
PHONE: (408) 744-1600

PROJECT ISLAND COPPER RECON. SUBMITTED BY J. FLEMING
CHARGE: ISLAND CU GEO. MINERALS LAB NO. 86- 620

SAMPLE ID	PPM CU	PPM MO	PPM PB	PPM ZN	PPM AG	PPM MN	PPM AS
51E-19S	54	5	-2	26	-0.2	170	-2
51E-17S	66	7	-2	35	-0.2	520	-2
51E-15S	46	6	-2	28	-0.2	310	-2
51E-13S	56	8	-2	28	-0.2	162	-2
51E-11S	43	8	-2	25	-0.2	220	8
51E-9S	63	6	3	40	-0.2	166	-2
51E-7S	64	6	-2	43	-0.2	515	-2
51E-5S	31	4	-2	41	-0.2	480	-2
51E-3S	50	5	-2	47	-0.2	645	7
51E-1S	15	1	-2	17	-0.2	45	6
51E-1N	26	5	-2	50	-0.2	1730	-2
51E-3N	37	5	-2	54	-0.2	370	-2
51E-5N	46	5	-2	65	-0.2	425	3
51E-7N	30	3	4	28	-0.2	450	-2
51E-9N	38	7	-2	41	-0.2	385	-2
51E-11N	53	5	-2	48	-0.2	725	-2
59E-15S	58	6	-2	48	-0.2	365	-2
59E-13S	55	5	-2	33	-0.2	220	-2
59E-11S	42	4	-2	37	-0.2	500	-2
59E-9S	59	4	-2	54	-0.2	675	6
59E-7S	46	4	-2	46	-0.2	615	-2
59E-5S	49	4	-2	42	-0.2	375	-2
59E-3S	68	4	-2	63	-0.2	830	-2
59E-1S	38	4	-2	52	-0.2	790	10
59E-3N	28	5	-2	55	-0.2	355	-2
59E-5N	30	3	3	33	-0.2	98	3
59E-7N	11	-1	-2	35	-0.2	19	7
59E-9N	28	2	5	23	-0.2	85	3
59E-11N	88	3	4	52	-0.2	190	-2
59E-13N	18	1	-2	21	-0.2	67	12
67E-13S	84	9	-2	194	0.3	410	4
67E-9S	49	3	-2	50	-0.2	660	-2
67E-7S	48	4	-2	63	-0.2	860	-2
67E-5S	40	4	-2	58	-0.2	660	-2
67E-3S	52	5	-2	61	-0.2	770	-2
67E-1S	47	5	-2	59	-0.2	660	-2
67E-1N	48	5	-2	56	-0.2	240	-2
67E-3N	29	5	-2	38	-0.2	176	7
67E-5N	47	3	4	33	-0.2	99	13
67E-7N	50	2	6	37	-0.2	97	4
67E-9N	150	1	13	112	-0.2	95	-2
67E-11N	88	2	7	52	-0.2	68	6
67E-13N	64	2	4	42	-0.2	43	-2
67E-15N	60	6	-2	58	-0.2	285	-2
67E-17N	63	5	-2	67	-0.2	240	-2
67E-19N	88	5	-2	87	-0.2	355	-2
75BE-71S	39	7	-2	27	-0.2	124	-2

REPORT OF CHEMICAL ANALYSIS

UTAH INTERNATIONAL INC. MINERALS LABORATORY
1190 BORDEAUX DRIVE
SUNNYVALE, CALIFORNIA 94809
PHONE: (408) 744-1600

PROJECT ISLAND COPPER RECON. SUBMITTED BY J. FLEMING
CHARGE: ISLAND CU GEO. MINERALS LAB NO. 86- 620

SAMPLE ID	PPM CU	PPM MO	PPM PB	PPM ZN	PPM AG	PPM MN	PPM AS
75BE-69S	50	8	-2	43	-0.2	140	-2
75BE-67S	57	7	-2	43	-0.2	280	-2
75BE-65S	39	8	-2	30	-0.2	130	-2
75BE-63S	56	5	5	25	-0.2	38	-2
75BE-61S	26	9	2	21	-0.2	106	-2
75BE-59S	41	3	6	19	-0.2	31	5
75BE-55S	14	1	2	14	-0.2	53	-2
75BE-53S	18	2	3	16	-0.2	22	-2
75BE-51S	84	6	-2	32	-0.2	430	-2
75BE-49S	52	7	-2	40	-0.2	325	-2
75BE-47S	12	6	4	14	-0.2	63	4
75BE-45S	34	7	-2	42	-0.2	200	-2
75BE-43S	32	6	-2	31	-0.2	124	-2
75BE-41S	56	7	2	30	-0.2	166	-2
75BE-39S	33	8	2	28	-0.2	112	-2
75BE-37S	76	7	-2	49	0.2	320	-2
75BE-35S	39	8	2	40	-0.2	205	-2
75BE-33S	47	6	-2	38	-0.2	168	-2
75BE-31S	35	3	3	15	-0.2	230	-2
75BE-29S	33	7	7	34	-0.2	77	-2
75BE-25S	26	3	4	19	0.3	285	-2
75BE-23S	21	5	5	16	-0.2	210	3
75BE-21S	10	-1	3	17	-0.2	18	-2
75BE-1S	50	5	-2	60	-0.2	695	-2
75E-5S	36	5	-2	62	-0.2	745	-2
75E-3S	51	4	-2	58	-0.2	820	-2
75E-1S	32	3	-2	51	-0.2	184	-2
75E-1N	27	6	4	24	-0.2	102	6
75E-3N	6	-1	-2	6	-0.2	22	5
75E-5N	17	-1	7	21	-0.2	42	-2
75E-7N	8	-1	-2	18	-0.2	116	-2
75E-9N	19	1	4	39	-0.2	295	3
75E-11N	35	7	-2	31	-0.2	325	-2
75E-13N	64	5	-2	58	-0.2	410	8
75E-15N	63	6	4	88	-0.2	515	4
75E-17N	50	6	4	70	-0.2	430	3
75E-19N	70	6	-2	71	-0.2	425	5
83E-7S	58	5	-2	55	-0.2	675	-2
83E-5S	60	4	-2	58	0.2	795	-2
83E-3S	38	4	-2	40	-0.2	480	3
83E-1S	35	6	-2	54	-0.2	270	-2
83E-1N	40	7	-2	31	-0.2	144	-2
83E-3N	23	1	3	15	-0.2	50	8
83E-5N	11	-1	-2	15	-0.2	30	4
83E-7N	13	-1	-2	14	-0.2	20	-2
83E-9N	36	5	-2	42	-0.2	156	-2
83E-11N	47	5	-2	56	-0.2	625	-2

REPORT OF CHEMICAL ANALYSIS

UTAH INTERNATIONAL INC. MINERALS LABORATORY
1190 BORDEAUX DRIVE
SUNNYVALE, CALIFORNIA 94809
PHONE: (408) 744-1600

PROJECT ISLAND COPPER RECON. SUBMITTED BY J. FLEMING
CHARGE: ISLAND CU GEO. MINERALS LAB NO. 86- 620

SAMPLE ID	PPM CU	PPM MO	PPM PB	PPM ZN	PPM AG	PPM MN	PPM AS
83E-13N	36	7	-2	41	-0.2	460	-2
83E-15N	48	7	-2	51	-0.2	330	-2
83E-17N	28	5	-2	42	-0.2	186	-2
83E-19N	7	-1	2	19	-0.2	255	3

APPENDIX B
FIELD NOTES

LIGE (1) July 7, 1986

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
24	AB	12	L	OR	H	L	NEAR CAT TRAIL
23	B	12	L	OR	M	L	
22	A	20	L	BK	H	M	
21	B	7	N	OR	L	L	
20	B	6	S	OR	L	L	
19	B	9	N	OB	L	L	
18	B	6	N	OB	L	L	
17	B	18	N	OB	L	L	
16	B	8	L	OB	L	L	
15	B	12	L	OR	L	L	
14	B	8	N	OR	L	M	
13	AB	12	N	OB	M	L	
12	B	6	N	OB	L	L	STEEP -
11	A	14	N	LB	L	H	
10	AB	12	L	GG	M	L	NEAR CREEK
9	A	22	L	GY	L	L	
8	NO SAMPLE. CREEK						
7		12	L	GY	L	M	SANDY
6	A	20	L	BK	L	L	
5	B	8	L	GB	M	L	
4	B	5	L	OR	L	L	
3	A	12	L	OR	L	L	
2	B	12	L	BK	L	L	
1	B	20	L	BK	L	L	
0	B	14	L	OB	L	L	

LIGE (2) July 7/86

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
1N	A	7	L	GY	H	H	
2N	B	16	L	OR	L	L	
3	A	22	L	BK	L	L	
4	B	16	L	OB	L	L	
5	B	10	L	OR	L	L	
6	A	10	L	OB	L	L	
7	AB	20	L	OB	L	L	

July 8/86 (1) LATE

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
23S	AB	23	E	DB	L	M	Sheep Pasture
22S	B	10	E	O	L	L	" "
21S	B	14	E	O	L	M	" "
20S	AB	28	E	GB	H	L	" "
19S	B	20	E	O	M	L	Leveling off Slightly
18S	NO SAMPLE			MARSH			
17S	A'	24	SY	Bk	H	L	" "
16S	NO SAMPLE			MARSH			
15S	A	26	L	B	M	L	
14S	B	22	L	GB	M	L	
13S	A'	14	L	GB	H	L	
12S	B	10	L	O	M	L	
10S	B	16	L	O	L	L	
9S	A	14	L	Bk	L	L	near creek
8S	NO SAMPLE			RIVER			
7S	A	20	L	Bk	H	L	
6S	A	20	L	GB	M	L	
5S	A	16	L	BR	H	L	
4S	A	18	L	GY	L	H	
3S	A	10	L	BR	H	L	
2S	B	8	L	OB	L	L	
1S	AB	26	L	OB	L	M	
0N	B	10	L	BR	L	M	
1N	AB	14	L	DB	H	L	

MELVILLE CROSBY INC

(2) LATE

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
2N	B	8	L	O	M	L	
3N	BC	14	L	DB	H	L	
4N	AB	20	L	OB	L	L	
5N	B	10	E	O	M	M	
6N	B	14	S	O	M	M	
7N	B	18	S	O	L	L	40ft to right
8N	B	6	L	O	L	L	

MELVILLE CROSBY INC

L 35E (1) July 9, 1986

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
22s	A	26	L	BK	H	L	NO STN NO.
21s	A	25	Sy	BK	H	L	
20s	A	12	Sy	BK	H	L	
19s	A	28	Sy	BK	L	L	
18s	A	18	Sy	BK	H	L	
17s		NO	SAMPLE				Found STN. 15
16s							
15s	B	20	Sy	LG	H	M	
14s	BC	8	L	Knee	M	L	
13s	B	8	Sy	OB	L	L	
12s	A	12	Sy	GR	L	L	CREEK BED
11s	AB	18	L	OB	H	M	
10s	AB	16	L	OB	M	L	
9s	NO	SAMPLE		RIVER			
8s	A	14	L	GY	H	L	EDGE OF RIVER
7s	A	18	L	GY	H	M	MIDDLE OF RIVER
6s	NO	SAMPLE		RIVER			
5s	B	8	S	OR	L	L	
4s	B	10	L	OR	L	L	
3s	B	20	L	OR	L	L	
2s	B	10	L	RE	L	L	
1s	B	14	L	YG	L	L	
0N	B	10	L	OR	L	L	
1N	B	20	L	OR	L	L	
2N	B	18	S	OR	M	L	

L 35E (2) July 9, 1986

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
3N	B	10	L	OR	L	L	
4N	B	13	N	OB	L	L	
5N	B	28	N	OR	L	L	
6N	B	12	N	OR	L	L	
7N	B	8	N	OR	L	L	
8N	B	11	N	OB	L	L	STEEL PIPE 10" CHANNEL BLADE
9N	A	24	Sy	RB	H	L	

12

438E

L43E — Aug 5/86

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
585	B	18	L	OR	H	L	Cut Bush
59	A	24	SY	BK	H	L	Swamp
60	AB	22	SY	GB	H	H	Swamp
61	A	16	SY	BR	H	L	
62	A	20	L	DB	H	L	
63	A	22	L	BR	H	L	
64	A	16	SY	BR	H	L	
65	A	20	SY	BBK	H	L	
66	AB	22	SY	BR	H	L	beside creek
67	A	20	SY	BR	H	L	" "
68	A	22	SY	BK	H	L	" "
69	AB	20	SY	BO	H	L	" "

23 2 N/S

438E

L43E — July 14

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
33S	AB	16	SY	BK	M	L	
34	A	FB	SY	BK	H	H	
35	B	12	N	OR	M	M	
36	B	22	S	OB	L	L	
37	B	12	S	O	M	L	
38	AB	13	S	OB	M	L	
39	B	14	S	OR	M	L	
40	A	16	SY	BK	H	L	
41	A	20	SY	BK	H	M	
42	A	18	N	BK	H	L	
43	B	26	L	OR	L	L	
44	B	18	L	O	H	L	
45	A	30	SY	DB	H	L	
46	B	18	L	O	H	L	
47	A	10	L	BK	M	L	
48	A	20	L	BK	H	L	
49	NO SAMPLE						RIVER
50	NO SAMPLE						
51	A	20	L	BK	H	L	Cut area
52	A	22	L	BK	H	L	goes to 69.
53	AB	14	L	OB	L	L	
54	B	14	L	OR	L	L	
55	B	8	L	O	L	L	
56	AB	22	L	OB	M	L	
57	AB	20	L	OB	L	L	

25

938

L43E July 14

KEL STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
8S	B	8	L	OR	L	L	off Cat trail
9S	B	12	L	OR	M	L	
10S	A	26	SY	BK	H	L	
11S	B	14	N	OB	L	L	
12S	AB	20	N	OB	L	H	
13S	AB	6	SY	GY	L	H	
14S	B	22	N	OR	L	L	
15S	B	16	N	OR	L	L	
16S	B	8	L	OR	L	L	
17S	B	12	L	OR	L	L	
18S	B	10	L	OR	M	L	
19S	B	14	L	OR	H	L	
20S	B	14	E	OR	H	M	
21S	B	18	L	OR	M	L	
22S	B	18	L	OR	M	L	
23S	A	20	SY	BK	M	L	
24S	B	10	N	OR	L	L	
25S	B	14	S	OR	L	L	
26S	B	26	S	ROB	L	L	
27S	B	14	S	ROB	L	L	
28S	B	10	S	OR	M	L	
29S	AB	20	V	OB	M	M	
30S	B	20	S	O	L	L	
31S	B	14	V	OB	H	M	
32	B	[illegible]	L	OR	M	L	

NEWELL CROSBY INC

22 INS

B

L43E July 15, 1986

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
7S	AB	12	N	OB	M	L	CREEK
6S	BC	20	N	GR	L	L	1'
5	AB	18	W	OB	H	L	
4	B	8	W	GOB	M	M	
3	B	12	W	GOB	L	L	
2	B	14	W	OR	L	L	
1S	B	16	W	OR	L	L	
0	B	6	W	OR	L	L	
1W	B	10	W	OR	L	L	
2W	A	16	N	BK	H	L	
3W	AB	20	N	OB	L	L	SANDY
4	B	6	N	OR	L	L	
5	A	18	SY	OR	L	L	
6	A	20	SY	BK	H	L	
7	A	22	SY	BK	H	L	
8	AB	24	SY	BK	M	M	
9	A	30	SY	BK	H	L	
10	A	26	SY	BK	M	H	
11	AS	20	SY	GB	L	H	
12	A	M	L	GY	H	L	Sandy
13	B	12	L	OB	L	M	
14	AB	26	L	OB	L	H	
15	N	O	S	Main	CR	CREEK	
16							
17							

15 1N/S

L43 — July 18/86

	HOR DEP	TOP COL	ORG CLY	
11N	B 10	L DB	L M	
10N	B 14	L GO	L L	
9N	B 10	L GB	L L	
8N	B 8	L OR	L L	
7N	B 14	L OG	L L	
6N	B 14	L OR	L M	
5N	B 18	S OG	L M	
4N	NO SAMPLE - SWAMP.			
3N	A 22	SY BK	H M	
2N	B 18	L OY	M L	
1N	A 24	L BK	H L	
0N	AB 10	L GY	H L	
1S	B 14	L OB	L L	
2S	A 8	SY GB	H M	SWAMP
3S	AB 16	SY GB	L L	
4S	A 12	L GY	H L	
5S				
6S				
7S				
8S				
9S				

REVILL CROSBY INC

9

L51E — July 15, 1986

STN	HOR	DEP	TOP	COL	ORG	QTY	REMARKS
11S	B	10	L	OR	L	M	
12	B	6	L	OR	M	L	
13	B	14	L	OR	M	L	
14	B	8	L	OR	H	L	
15	B	8	L	OR	M	L	
16	B	8	L	OR	L	L	
17	B	6	L	OR	L	L	
18	B	8	N	OR	M	L	
19	B	8	L	O	M	L	
20							

REVILL CROSBY INC

22 IN/S

L51E July 18/86

STN	HOR	DEP	TOP	COL	ORG	CLY	
10S	B	12	E	OR	L	L	
9S	B	8	E	OR	L	L	
8S	B	10	E	OR	L	L	
7S	B	12	N	OB	L	L	
6S	AB	10	L	OB	L	L	
5S	AB	26	L	GR	L	L	
4S	BC	10	SY	GY	L	H	CREEK BED
3S	A	8	L	GB	H	L	
2S	NO SAMPLE		RIVER				
1S	A	15	L	DB	A	L	
0N	AB	18	L	GB	M	L	
1N	AB	8	L	DB	H	L	
2N	BC	10	L	GB	L	L	
3N	B	10	L	OR	M	L	
4N	B	14	L	GOB	M	L	
5N	B	10	L	OB	L	M	
6N	AB	20	SY	DB	H	M	
7N	A	10	SY	BU	H	L	creek
8N	B	12	S	OR	L	L	
9N	B	16	L	OB	L	L	
10	B	14	S	OB	L	L	
11	B	12	S	OB	M	L	
12N	B	10	S	O	L	L	

16 IN/S

L59E July 17, 1986

STN	HOR	DEP	TOP	COLOR	ORG	CLY	REMARKS
15S	B	10	E	OB	L	M	
14S	B	10	L	OB	L	L	
13	B	14	T	BR	M	L	
12	AB	16	V	BR	H	L	
11	A	20	L	GY	M	L	
10	A	10	L	GY	M	L	
9	AB	[illegible]	L	GB	H	L	
8	A	6	L	GY	H	L	CREEK
7	AB	20	L	GB	M	L	
6	NO SAMPLE			RIVER			
5	B	10	S	OR	H	L	
4	B	10	L	OR	M	L	
3	BC	10	L	GB	M	L	
2	AB	14	L	GB	L	L	
1	B	10	L	DB	M	L	
0	B	14	L	OR	M	L	

11 3 N/S

L 59E July 21 1986

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
13W	A	14	L	BR	N	L	
12W	A	20	Sy	BK	N	L	
11	A	15	Sy	DB	H	L	
10	AB	20	Sy	BR	N	L	
9	AB	14	Sy	BR	H	L	
8	A	14	Sy	BK	N	L	
7	A	26	L	DB	H	L	
6	A	18	Sy	Gy	H	M	
5	AB	14	Sy	BK	H	L	
4	AB	18	Sy	GB	H	H	
3	AB	10	Sy	BG	L	H	
2	NO SAMPLE						RAN INTO OOZE
1							
0							

13

L 67E July 17/86

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
1S	B	12	L	DL	M	L	
2S	B	8	L	OB	L	L	
3	B	8	L	OB	H	L	
4	B	8	L	OB	M	L	
5	B	12	V	RR	L	L	
6	AB	10	L	Gy	M	M	
7	B	12	L	GB	L	L	
8	B	12	L	GB	M	M	CREEK
9	A	12	L	Gy	H	L	SAND
10	NO SAMPLE						RIVER
11	NO SAMPLE						RIVER
12	NO SAMPLE						RIVER
13S	B	12	T	OR	M	L	TOP OF CLIFF
14							
15							

L 67E July 12, 1986

STN	VOL	DEP	TH	COL	OR	CLY	Remarks
0	B	10	L	OR	L	L	
1N	B	8	Sy	OB	M	L	
2N	BC	10	Sy	GC	H	H	
3N	AB	12	Sy	BR	H	H	
4	AB	14	Sy	OB	L	L	
5	AB	20	Sy	BR	L	M	
6	AB	20	Sy	BK	L	L	
7	A	22	Sy	BK	A	L	
8	A	20	Sy	BK	H	L	
9	A	24	Sy	BK	H	L	
10	A	22	Sy	BK	H	L	
11	AB	20	Sy	BK	H	L	
12	A	24	Sy	BK	H	L	
13	A	20	Sy	BK	H	L	
14	B	6	L	OR	L	L	
15	B	8	L	OG	L	L	
16	B	10	L	OB	L	L	
17	B	10	L	OB	M	L	
18	B	8	L	OR	L	L	
19	B	8	L	OB	L	L	

July 12, 1986 75E

STN	Vol	DEP	TOP	COL	ORG	CLY	Remarks
72S	B	14	N	OR	M	L	
71S	B	16	N	OB	L	L	
70	B	20	N	OG	L	H	
69	B	14	H	ROB	L	L	
68	B	14	H	OR	L	L	
67	B	10	H	OR	M	L	
66	B	8	S	OR	L	L	
65	B	20	S	OR	L	L	
64	B	12	L	OR	M	L	
63	A	18	L	BK	M	L	
62	A	18	Sy	BK	M	L	
61	AB	18	L	OG	M	H	
60	A	16	L	GB	M	H	
59	A	20	L	GBK	M	H	Edge LAKE
58	NO SAMPLE						
57	NO SAMPLE						LAKE
56	NO SAMPLE						
55	H	14	L	BR	H	L	Edge of LAKE
54	A	16	S	DB	H	L	
53	A	24	L	BR	H	L	
52	A	14	L	BR	H	L	
51	AB	16	L	GOB	L	L	
50	B	14	L	OR	L	L	PROPOSED ROAD
49	B	10	L	OR	L	L	
48	B	14	L	OR	L	L	

6/24/86 L75C

STN	BUR	DEP	TOP	COL	ORG	CLY	Remarks
47S	A	14	L	GBK	H	M	
46S	A	18	SY	BK	M	M	
45S	B	10	L	OR	L	L	
44S	A	18	L	BR	H	L	
43S	AB	18	L	OB	L	L	
42S	A	24	L	BK	M	M	
41	B	14	L	OR	L	L	
40	A	10	SY	BK	H	M	
39	B	8	L	OR	M	L	
38	B	14	L	OR	L	L	
37	B	14	L	OR	M	L	
36	B	8	L	OR	M	L	
35	B	8	L	OR	M	L	
34	B	6	L	OR	L	L	
33	B	12	L	OR	L	L	
32	AB	18	L	OB	L	L	
31	A	20	SY	BK	H	L	
30							
29							
[illegible]							
[illegible]							
26							
25							
24							
23							

L75C July 23, 1986

STN	BUR	DEP	TOP	COL	ORG	CLY	REMARKS
0S	AR	12	L	GB	H	L	RIVER
1S	BC	15	SY	GB	L	L	CREEK
2	B	16	L	OB	H	M	
3	B	6	N	BR	L	L	
4	B	12	N	DO	M	L	
5	B	8	L	OR	L	L	
6	B	10	L	OR	L	L	
7	B	14	L	OR	L	L	
8	B	6	L	OR	L	L	
9	B	6	L	OR	M	L	
10	B	10	L	OR	L	L	
11	B	10	L	OR	M	L	
12	B	6	L	OR	L	L	
13	B	8	L	OR	M	L	
14	B	8	L	OR	M	L	
15	B	10	L	OR	M	L	BAG
16	B	14	L	OR	M	L	
17	B	10	L	GO	M	L	
18	A	10	SY	BK	L	L	
19	A	14	SY	GY	[illegible]	M	
20	B	10	L	OR	L	L	
21	A	20	L	BK	H	L	SHARK
22	A	18	L	BK	H	L	BLADES
23	A	16	SY	GY	H	H	

L75E July 23, 1986

	HOR	DEP	TOP	COL	ORG	CLY	Remarks
24	A	14	Sy	BK	H	L	SMALL TREES
25	A	18	Sy	BK	H	L	
26	A	26	Sy	BK	H	L	
27	A	16	Sy	BK	H	L	
28	A	14	Sy	GY	L	H	
29	A	20	Sy	BRK	H	L	
30	A	20	Sy	GRN	H	L	
31							

L75E July 11, 1986

	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
19	B	8	L	OR	L	L	
18N	B	8	L	OR	L	L	
17	B	10	L	OR	H	L	
16	B	14	L	OR	L	L	
15	B	16	L	OR	L	L	
14	B	10	N	OR	L	L	
13	B	10	N	OR	L	L	
12	B	12	N	OR	H	L	
11	B	9	L	BR	H	L	
10	B	12	L	OR	H	L	
9	A	18	Sy	BK	H	L	
8	NO	SAMPLE					SWAMP
7	A	8	Sy	BK	H	L	
6	A	14	L	BK	H	L	
5	A	18	Sy	BK	H	L	
4	A	14	Sy	BK	H	L	
3	A	26	Sy	BK	H	L	
2	A	14	Sy	GY	H	L	
1N	B	20	L	OR	L	H	
00	A	22	Sy	BK	M	H	

L75E July 16/86

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
1S	AB	16	L	GY	M	H	
2S	B	8	L	OG	L	L	
3S	AB	10	L	GB	L	L	
4S	AB	8	L	GB	L	L	
5S	AB	14	L	DB	L	L	
6S	A	12	L	GY	M	L	Near Creek
7S	NO	SA	MPLE				CREEK
8S	A	10	L	GY	L	L	Edge Creek Sandy

L83E July 14

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
19N	A	16	L	BK	H	L	
18N	A	20	L	BK	H	M	
17N	B	8	L	OB	H	L	
16N	B	20	L	OR	L	L	
15N	B	18	L	OR	L	L	
14N	B	8	L	OR	L	L	
13N	B	18	L	OR	L	L	
12N	B	7	L	OR	M	L	
11N	B	14	L	OR	L	L	
10N	B	16	L	OR	L	L	
9	B	10	L	OR	L	L	
8	B	30	SH	OR	L	L	
7	A	18	L	BK	M	L	
6	A	16	SY	DB	H	L	
5	A	24	SY	BK	H	L	
4	A	12	SY	BK	M	L	
3	A	18	SY	BK	L	L	
2	AB	30	SY	GOB	L	H	
1	B	20	W	OB	L	L	
0N	A	22	L	BK	H	L	
1S 1200	AB	14	L	BR	L	L	
2S	AB	14	L	DB	L	L	
3S	AB	12	S	BR	L	L	
4S	AB	10	S	GY	L	L	Beside Swamp Sandy

#3 INLS

L83E

Grey 16

STN	HOR	DEP	TOP	COL	ORG	CLY	REMARKS
5S	AB	B	L	GY	L	L	SANDY
6S	NO SAMPLE						CROSSING LOG
7S	C	10	SY	GY	L	H	SANDY OLD GREEN BED
8S	AB	B	SY	GY	L	L	SANDY

APPENDIX C
STATISTICS

STATISTICAL SUMMARY

NAME	NO. OF VALUES	ARITHMETIC		LOGARITHMIC	
		MEAN	STD.DEV.	MEAN	STD.DEV.
CU	192	47.078	21.533	1.620	0.232
MO	178	5.449	2.072	0.693	0.220
PB	55	4.145	2.206	0.571	0.194
ZN	192	44.526	24.942	1.593	0.222
AG	5	0.240	0.055	-0.629	0.096
MN	192	355.198	314.124	2.366	0.452
AS	44	5.273	2.573	0.675	0.202

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: CU NUMBER OF VALUES IS 192
CALCULATED PARAMETERS: MEAN = 47.0781 STD.DEV. = 21.5326 VARIANCE = 463.6536

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	-17.5199	0	0.0		
2	-12.1367	0	0.0		
3	-6.7536	0	0.0		
4	-1.3704	0	0.0		
5	4.0127	3	1.6	**	0.6034
6	9.3959	8	4.2	****	0.9729
7	14.7791	9	4.7	*****	1.1696
8	20.1622	3	1.6	**	1.3045
9	25.5454	17	8.9	**********	1.4073
10	30.9285	22	11.5	***********	1.4904
11	36.3117	18	9.4	**********	1.5600
12	41.6949	22	11.5	***********	1.6201
13	47.0780	20	10.4	**********	1.6728
14	52.4612	16	8.3	********	1.7198
15	57.8444	19	9.9	**********	1.7623
16	63.2275	12	6.3	******	1.8009
17	68.6107	4	2.1	**	1.8364
18	73.9939	4	2.1	**	1.8692
19	79.3770	5	2.6	***	1.8997
20	84.7602	6	3.1	***	1.9282
21	90.1433	0	0.0		1.9549
22	95.5265	1	0.5	*	1.9801
23	100.9097	0	0.0		2.0039
24	106.2928	2	1.0	*	2.0265

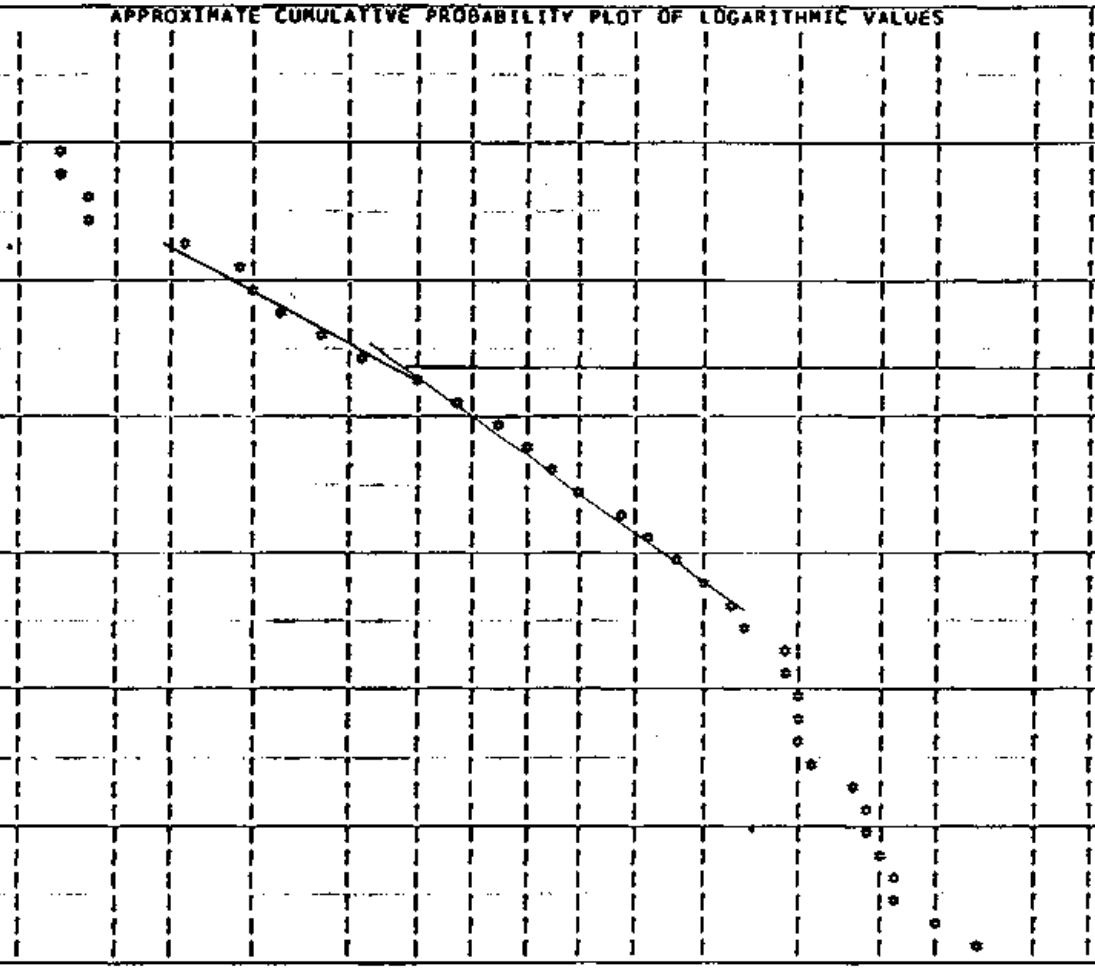
LOG VALUES**********: MEAN = 1.6203 STD.DEV. = 0.2322 VARIANCE = 0.0539

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	0.9235	0	0.0		8.3858
2	0.9816	1	0.5	*	9.5852
3	1.0397	5	2.6	***	10.9562
4	1.0977	2	1.0	*	12.5233
5	1.1558	3	1.6	**	14.3145
6	1.2138	4	2.1	**	16.3620
7	1.2719	4	2.1	**	18.7023
8	1.3300	1	0.5	*	21.3773
9	1.3880	8	4.2	****	24.4350
10	1.4461	13	6.8	*******	27.9300
11	1.5041	18	9.4	**********	31.9249
12	1.5622	18	9.4	**********	36.4913
13	1.6202	22	11.5	***********	41.7107
14	1.6783	28	14.6	**************	47.6767
15	1.7364	24	12.5	************	54.4960
16	1.7944	18	9.4	**********	62.2908
17	1.8525	6	3.1	***	71.2004
18	1.9105	10	5.2	*****	81.3844
19	1.9686	1	0.5	*	93.0250
20	2.0267	2	1.0	*	106.3306
21	2.0847	0	0.0		121.5394
22	2.1428	1	0.5	*	138.9235
23	2.2008	0	0.0		158.7942
24	2.2589	0	0.0		181.5070

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: CU



CELL	LOWER LIMIT	NO	CUMPCT		ARITH.LIMIT
1	2.186	0	0.0	←	153.5750
2	2.157	1	0.5	←	143.6450
3	2.128	0	0.5	←	134.3572
4	2.099	0	0.5	←	125.6698
5	2.070	0	0.5	←	117.5442
6	2.041	2	1.6	–	109.9440
7	2.012	0	1.6	–	102.8351
8	1.983	1	2.1	–	96.1859
9	1.954	0	2.1	–	89.9668
10	1.925	6	5.2	–	84.1496
11	1.896	7	8.9	–	78.7086
12	1.867	2	9.9	–	73.6194
13	1.838	4	12.0	–	68.8593
14	1.809	7	15.6	–	64.4069
15	1.780	13	22.4	–	60.2425
16	1.751	13	29.2	–	56.3473
17	1.722	14	36.5	–	52.7039
18	1.693	12	42.7	–	49.2962
19	1.664	14	50.0	–	46.1088
20	1.635	9	54.7	–	43.1274
21	1.606	9	59.4	–	40.3389
22	1.577	14	66.7	–	37.7306
23	1.548	7	70.3	–	35.2910
24	1.519	8	74.5	–	33.0092
25	1.490	9	79.2	–	30.8748
26	1.461	5	81.8	–	28.8785
27	1.432	4	83.9	–	27.0112
28	1.403	8	88.0	–	25.2648
29	1.373	0	88.0	–	23.6312
30	1.344	1	88.5	–	22.1032
31	1.315	2	89.6	–	20.6740
32	1.286	0	89.6	–	19.3373
33	1.257	2	90.6	–	18.0870
34	1.228	4	92.7	–	16.9175
35	1.199	2	93.8	–	15.8236
36	1.170	1	94.3	–	14.8005
37	1.141	1	94.8	–	13.8435
38	1.112	1	95.3	–	12.9484
39	1.083	0	95.3	–	12.1112
40	1.054	3	96.9	–	11.3281
41	1.025	2	97.9	–	10.5956

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: CU

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	99.564	3	1.6	*	1.9981
2	96.872	1	2.1	*	1.9862
3	94.181	0	2.1	*	1.9740
4	91.489	0	2.1	*	1.9614
5	88.798	1	2.6	*	1.9484
6	86.106	4	4.7	*	1.9350
7	83.414	3	6.3	*	1.9212
8	80.723	3	7.8	*	1.9070
9	78.031	2	8.9	*	1.8923
10	75.340	1	9.4	*	1.8770
11	72.648	1	9.9	*	1.8612
12	69.956	4	12.0	*	1.8448
13	67.265	2	13.0	*	1.8278
14	64.573	5	15.6	*	1.8101
15	61.882	10	20.8	*	1.7916
16	59.190	6	24.0	*	1.7722
17	56.498	10	29.2	*	1.7520
18	53.807	10	34.4	*	1.7308
19	51.115	6	37.5	*	1.7086
20	48.424	13	44.3	*	1.6851
21	45.732	16	52.6	*	1.6602
22	43.041	4	54.7	*	1.6339
23	40.349	9	59.4	*	1.6058
24	37.657	14	66.7	*	1.5758
25	34.966	12	72.9	*	1.5436
26	32.274	6	76.0	*	1.5089
27	29.583	10	81.3	*	1.4710
28	26.891	7	84.9	*	1.4296
29	24.199	6	88.0	*	1.3838
30	21.508	1	88.5	*	1.3326
31	18.816	4	90.6	*	1.2745
32	16.125	4	92.7	*	1.2075
33	13.433	4	94.8	*	1.1282
34	10.741	6	97.9	*	1.0311
35	8.050	1	98.4	*	0.9058
36	5.358	31	100.0	*	0.7290
37	2.667	0	100.0	*	0.4260
38	-0.025	0	100.0	**********	**********
39	-2.716	0	100.0	**********	**********
40	-5.408	0	100.0	**********	**********
41	-8.100	0	100.0	**********	**********

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: MO NUMBER OF VALUES IS 178
CALCULATED PARAMETERS: MEAN = 5.4494 STD.DEV. = 2.0722 VARIANCE = 4.2940

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	-0.7672	0	0.0		**********
2	-0.2491	0	0.0		**********
3	0.2689	0	0.0		-0.5704
4	0.7870	8	4.5	****	-0.1040
5	1.3050	0	0.0		0.1156
6	1.8231	10	5.6	******	0.2608
7	2.3411	0	0.0		0.3694
8	2.8592	11	6.2	******	0.4562
9	3.3772	0	0.0		0.5286
10	3.8953	21	11.8	**********	0.5905
11	4.4133	0	0.0		0.6448
12	4.9314	42	23.6	**********	0.6930
13	5.4494	0	0.0		0.7364
14	5.9675	31	17.4	**********	0.7758
15	6.4855	25	14.0	**********	0.8119
16	7.0036	0	0.0		0.8453
17	7.5216	20	11.2	**********	0.8763
18	8.0397	0	0.0		0.9052
19	8.5578	8	4.5	****	0.9324
20	9.0758	0	0.0		0.9579
21	9.5939	1	0.6	*	0.9820
22	10.1119	0	0.0		1.0048
23	10.6300	0	0.0		1.0265
24	11.1480	0	0.0		1.0472

LOG VALUES..........: MEAN = 0.6926 STD.DEV. = 0.2197 VARIANCE = 0.0483

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	0.0335	0	0.0		1.0802
2	0.0884	0	0.0		1.2259
3	0.1434	0	0.0		1.3911
4	0.1983	0	0.0		1.5787
5	0.2532	10	5.6	******	1.7915
6	0.3081	0	0.0		2.0330
7	0.3631	0	0.0		2.3071
8	0.4180	0	0.0		2.6181
9	0.4729	11	6.2	******	2.9710
10	0.5278	0	0.0		3.3715
11	0.5827	21	11.8	**********	3.8260
12	0.6377	0	0.0		4.3418
13	0.6926	42	23.6	**********	4.9271
14	0.7475	31	17.4	**********	5.5913
15	0.8024	25	14.0	**********	6.3451
16	0.8574	20	11.2	**********	7.2005
17	0.9123	8	4.5	****	8.1711
18	0.9672	1	0.6	*	9.2727
19	1.0221	0	0.0		10.5227
20	1.0771	1	0.6	*	11.9413
21	1.1320	0	0.0		13.5511
22	1.1869	0	0.0		15.3779
23	1.2418	0	0.0		17.4510
24	1.2967	0	0.0		19.8035

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: MO

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF LOGARITHMIC VALUES	ARITH-LIMIT
1	1.228	0	0.0		16.9079
2	1.201	0	0.0		15.8719
3	1.173	0	0.0		14.8993
4	1.146	0	0.0		13.9864
5	1.118	0	0.0		13.1293
6	1.091	0	0.0		12.3248
7	1.063	1	0.6		11.5696
8	1.036	0	0.6		10.8607
9	1.008	0	0.6		10.1952
10	0.981	1	1.1	*	9.5705
11	0.953	8	5.6	*	8.9840
12	0.926	0	5.6	*	8.4336
13	0.899	20	16.9	*	7.9168
14	0.871	0	16.9	*	7.4317
15	0.844	25	30.9	*	6.9763
16	0.816	0	30.9	*	6.5489
17	0.789	0	30.9	*	6.1476
18	0.761	31	48.3	*	5.7709
19	0.734	0	48.3	*	5.4173
20	0.706	0	48.3	*	5.0853
21	0.679	42	71.9	*	4.7737
22	0.651	0	71.9	*	4.4812
23	0.624	0	71.9	*	4.2067
24	0.596	21	83.7	*	3.9489
25	0.569	0	83.7	*	3.7069
26	0.542	0	83.7	*	3.4798
27	0.514	0	83.7	*	3.2666
28	0.487	0	83.7	*	3.0664
29	0.459	11	89.9	*	2.8785
30	0.432	0	89.9	*	2.7021
31	0.404	0	89.9	*	2.5366
32	0.377	0	89.9	*	2.3811
33	0.349	0	89.9	*	2.2352
34	0.322	0	89.9	*	2.0983
35	0.294	10	95.5	*	1.9697
36	0.267	0	95.5	*	1.8490
37	0.239	0	95.5	*	1.7357
38	0.212	0	95.5	*	1.6294
39	0.185	0	95.5	*	1.5295
40	0.157	0	95.5	*	1.4358
41	0.130	0	95.5	*	1.3478

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: MO

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	10.500	1	0.6	*	1.0212
2	10.241	0	0.6	*	1.0104
3	9.982	1	1.1	*	0.9992
4	9.723	0	1.1	*	0.9878
5	9.464	0	1.1	*	0.9761
6	9.205	0	1.1	*	0.9640
7	8.946	8	5.6	*	0.9516
8	8.687	0	5.6	*	0.9389
9	8.428	0	5.6	*	0.9257
10	8.169	0	5.6	*	0.9122
11	7.910	20	16.9	*	0.8982
12	7.651	0	16.9	*	0.8837
13	7.392	0	16.9	*	0.8688
14	7.133	0	16.9	*	0.8533
15	6.874	25	30.9	*	0.8372
16	6.615	0	30.9	*	0.8205
17	6.356	0	30.9	*	0.8032
18	6.097	0	30.9	*	0.7851
19	5.838	31	48.3	*	0.7663
20	5.579	0	48.3	*	0.7466
21	5.320	0	48.3	*	0.7259
22	5.061	0	48.3	*	0.7042
23	4.802	42	71.9	*	0.6814
24	4.543	0	71.9	*	0.6573
25	4.284	0	71.9	*	0.6318
26	4.025	0	71.9	*	0.6047
27	3.766	21	83.7	*	0.5759
28	3.507	0	83.7	*	0.5449
29	3.248	0	83.7	*	0.5116
30	2.989	11	89.9	*	0.4755
31	2.730	0	89.9	*	0.4361
32	2.471	0	89.9	*	0.3928
33	2.212	0	89.9	*	0.3447
34	1.953	10	95.5	*	0.2906
35	1.694	0	95.5	*	0.2288
36	1.435	0	95.5	*	0.1567
37	1.175	0	95.5	*	0.0702
38	0.916	8	100.0	*	-0.0379
39	0.657	0	100.0	*	-0.1821
40	0.398	0	100.0	*	-0.3997
41	0.139	0	100.0	*	-0.8558

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: PB NUMBER OF VALUES IS 55
CALCULATED PARAMETERS: MEAN = 4.1455 STD.DEV. = 2.2062 VARIANCE = 4.8673

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	-2.4732	0	0.0		
2	-1.9216	0	0.0		
3	-1.3701	0	0.0		
4	-0.8185	0	0.0		
5	-0.2670	0	0.0		
6	0.2846	0	0.0		-0.5458
7	0.8361	0	0.0		-0.0777
8	1.3877	0	0.0		0.1423
9	1.9392	10	18.2	**********	0.2876
10	2.4908	16	29.1	**********	0.3963
11	3.0423	0	0.0		0.4832
12	3.5939	12	21.8	**********	0.5556
13	4.1454	0	0.0		0.6176
14	4.6970	8	14.5	********	0.6718
15	5.2486	0	0.0		0.7200
16	5.8001	3	5.5	*****	0.7634
17	6.3517	0	0.0		0.8029
18	6.9032	3	5.5	*****	0.8391
19	7.4548	1	1.8	**	0.8724
20	8.0063	0	0.0		0.9034
21	8.5579	0	0.0		0.9324
22	9.1094	0	0.0		0.9595
23	9.6610	0	0.0		0.9850
24	10.2125	0	0.0		1.0091

LOG VALUES.....: MEAN = 0.5714 STD.DEV. = 0.1939 VARIANCE = 0.0376

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	-0.0103	0	0.0		0.9766
2	0.0382	0	0.0		1.0919
3	0.0867	0	0.0		1.2209
4	0.1351	0	0.0		1.3650
5	0.1836	0	0.0		1.5262
6	0.2321	0	0.0		1.7064
7	0.2806	10	18.2	**********	1.9079
8	0.3290	0	0.0		2.1332
9	0.3775	0	0.0		2.3851
10	0.4260	0	0.0		2.6667
11	0.4744	16	29.1	**********	2.9816
12	0.5229	0	0.0		3.3336
13	0.5714	12	21.8	**********	3.7273
14	0.6199	0	0.0		4.1674
15	0.6683	8	14.5	********	4.6594
16	0.7168	0	0.0		5.2096
17	0.7653	3	5.5	*****	5.8248
18	0.8138	3	5.5	*****	6.5125
19	0.8622	1	1.8	**	7.2815
20	0.9107	0	0.0		8.1413
21	0.9592	0	0.0		9.1027
22	1.0076	0	0.0		10.1775
23	1.0561	1	1.8	**	11.3792
24	1.1046	1	1.8	**	12.7229

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: PB

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF LOGARITHMIC VALUES	ARITH.LIMIT
1	1.044	2	3.6	*	11.0661
2	1.020	0	3.6	*	10.4654
3	0.996	0	3.6	*	9.8974
4	0.971	0	3.6	*	9.3602
5	0.947	0	3.6	*	8.8522
6	0.923	0	3.6	*	8.3717
7	0.899	1	5.5	o	7.9173
8	0.874	0	5.5	o	7.4876
9	0.850	0	5.5	o	7.0812
10	0.826	3	10.9	o	6.6968
11	0.802	0	10.9	o	6.3333
12	0.777	3	16.4	*	5.9896
13	0.753	0	16.4	*	5.6645
14	0.729	0	16.4	*	5.3570
15	0.705	0	16.4	*	5.0663
16	0.680	8	30.9	*	4.7913
17	0.656	0	30.9	*	4.5312
18	0.632	0	30.9	*	4.2853
19	0.608	0	30.9	*	4.0527
20	0.584	12	52.7	o	3.8327
21	0.559	0	52.7	o	3.6247
22	0.535	0	52.7	o	3.4279
23	0.511	0	52.7	o	3.2419
24	0.487	0	52.7	o	3.0659
25	0.462	16	81.8	*	2.8995
26	0.438	0	81.8	*	2.7421
27	0.414	0	81.8	*	2.5933
28	0.390	0	81.8	*	2.4525
29	0.365	0	81.8	*	2.3194
30	0.341	0	81.8	*	2.1935
31	0.317	0	81.8	*	2.0745
32	0.293	10	100.0	o	1.9619
33	0.268	0	100.0	*	1.8554
34	0.244	0	100.0	*	1.7547
35	0.220	0	100.0	*	1.6594
36	0.196	0	100.0	*	1.5694
37	0.171	0	100.0	*	1.4842
38	0.147	0	100.0	*	1.4036
39	0.123	0	100.0	*	1.3275
40	0.099	0	100.0	*	1.2554
41	0.075	0	100.0	*	1.1873

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: PB

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	9.523	2	3.6	*	0.9788
2	9.247	0	3.6	*	0.9660
3	8.972	0	3.6	*	0.9529
4	8.696	0	3.6	*	0.9393
5	8.420	0	3.6	*	0.9253
6	8.144	0	3.6	*	0.9108
7	7.868	1	5.5	*	0.8959
8	7.593	0	5.5	*	0.8804
9	7.317	0	5.5	*	0.8643
10	7.041	0	5.5	*	0.8476
11	6.765	3	10.9	*	0.8303
12	6.490	0	10.9	*	0.8122
13	6.214	0	10.9	*	0.7934
14	5.938	3	16.4	*	0.7736
15	5.662	0	16.4	*	0.7530
16	5.386	0	16.4	*	0.7313
17	5.111	0	16.4	*	0.7085
18	4.835	8	30.9	*	0.6844
19	4.559	0	30.9	*	0.6589
20	4.283	0	30.9	*	0.6318
21	4.008	0	30.9	*	0.6029
22	3.732	12	52.7	*	0.5719
23	3.456	0	52.7	*	0.5386
24	3.180	0	52.7	*	0.5025
25	2.904	16	81.8	*	0.4631
26	2.629	0	81.8	*	0.4197
27	2.353	0	81.8	*	0.3716
28	2.077	0	81.8	*	0.3175
29	1.801	10	100.0	*	0.2556
30	1.526	0	100.0	*	0.1834
31	1.250	0	100.0	*	0.0968
32	0.974	0	100.0	*	-0.0114
33	0.698	0	100.0	*	-0.1560
34	0.422	0	100.0	*	-0.3742
35	0.147	0	100.0	*	-0.8336
36	-0.129	0	100.0	*	**********
37	-0.405	0	100.0	*	**********
38	-0.681	0	100.0	*	**********
39	-0.956	0	100.0	*	**********
40	-1.232	0	100.0	*	**********
41	-1.508	0	100.0	*	**********

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: ZN NUMBER OF VALUES IS 192
CALCULATED PARAMETERS: MEAN = 44.5260 STD.DEV. = 24.9416 VARIANCE = 622.0833

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	-30.2990	0	0.0		**********
2	-24.0636	0	0.0		**********
3	-17.8282	0	0.0		**********
4	-11.5928	0	0.0		**********
5	-5.3574	0	0.0		**********
6	0.8780	1	0.5	*	-0.0565
7	7.1134	0	0.0		0.8521
8	13.3488	20	10.4	**********	1.1254
9	19.5842	17	8.9	*********	1.2919
10	25.8197	19	9.9	**********	1.4120
11	32.0551	22	11.5	***********	1.5059
12	38.2905	29	15.1	***************	1.5831
13	44.5259	21	10.9	***********	1.6486
14	50.7613	20	10.4	**********	1.7055
15	56.9967	21	10.9	***********	1.7558
16	63.2321	8	4.2	****	1.8009
17	69.4675	3	1.6	**	1.8418
18	75.7030	1	0.5	*	1.8791
19	81.9384	3	1.6	**	1.9135
20	88.1738	0	0.0		1.9453
21	94.4092	4	2.1	**	1.9750
22	100.6446	0	0.0		2.0028
23	106.8800	1	0.5	*	2.0289
24	113.1154	0	0.0		2.0535

LOG VALUES..........: MEAN = 1.5932 STD.DEV. = 0.2224 VARIANCE = 0.0495

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	0.9259	0	0.0		8.4317
2	0.9815	0	0.0		9.5834
3	1.0371	0	0.0		10.8925
4	1.0927	6	3.1	***	12.3803
5	1.1483	3	1.6	**	14.0715
6	1.2039	8	4.2	****	15.9936
7	1.2596	5	2.6	***	18.1783
8	1.3152	11	5.7	******	20.6614
9	1.3708	5	2.6	***	23.4837
10	1.4264	13	6.8	*******	26.6916
11	1.4820	12	6.3	******	30.3376
12	1.5376	19	9.9	**********	34.4816
13	1.5932	25	13.0	**************	39.1917
14	1.6488	21	10.9	***********	44.5452
15	1.7044	22	11.5	***********	50.6300
16	1.7600	24	12.5	**************	57.5459
17	1.8156	5	2.6	***	65.4067
18	1.8712	2	1.0	*	74.3410
19	1.9268	3	1.6	**	84.4959
20	1.9824	4	2.1	**	96.0378
21	2.0380	1	0.5	*	109.1564
22	2.0937	0	0.0		124.0669
23	2.1493	0	0.0		141.0141
24	2.2049	0	0.0		160.2764

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: ZN

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF LOGARITHMIC VALUES	ARITH.LIMIT
1	2.135	2	1.0	*	136.5724
2	2.108	0	1.0	*	128.1031
3	2.080	0	1.0	*	120.1590
4	2.052	0	1.0	*	112.7074
5	2.024	1	1.6	*	105.7181
6	1.996	2	2.6	*	99.1621
7	1.969	2	3.6	*	93.0128
8	1.941	1	4.2	*	87.2447
9	1.913	2	5.2	*	81.8344
10	1.885	1	5.7	*	76.7595
11	1.857	1	6.3	*	71.9994
12	1.830	2	7.3	*	67.5345
13	1.802	8	11.5	*	63.3464
14	1.774	10	16.7	*	59.4181
15	1.746	15	24.5	*	55.7333
16	1.718	9	29.2	*	52.2771
17	1.691	14	36.5	*	49.0352
18	1.663	12	42.7	*	45.9944
19	1.635	4	44.8	*	43.1421
20	1.607	17	53.6	*	40.4667
21	1.579	12	59.9	*	37.9572
22	1.551	5	62.5	*	35.6034
23	1.524	9	67.2	*	33.3955
24	1.496	8	71.4	*	31.3245
25	1.468	5	74.0	*	29.3820
26	1.440	7	77.6	*	27.5599
27	1.412	5	80.2	*	25.8508
28	1.385	3	81.8	*	24.2477
29	1.357	4	83.9	*	22.7440
30	1.329	2	84.9	*	21.3336
31	1.301	6	88.0	*	20.0106
32	1.273	5	90.6	*	18.7697
33	1.246	1	91.1	*	17.6057
34	1.218	4	93.2	*	16.5139
35	1.190	3	94.8	*	15.4898
36	1.162	3	96.4	*	14.5293
37	1.134	6	99.5	*	13.6282
38	1.107	0	99.5	*	12.7831
39	1.079	0	99.5	*	11.9904
40	1.051	0	99.5	*	11.2468
41	1.023	0	99.5	*	10.5496

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

THRESHOLD APPROX 60 PPM

EAST66 GEOCHEM SURVEY

VARIABLE NAME IS: ZN

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	105.321	3	1.6	*	2.0225
2	102.203	0	1.6	*	2.0095
3	99.086	2	2.6	*	1.9960
4	95.968	2	3.6	*	1.9821
5	92.850	0	3.6	*	1.9678
6	89.733	0	3.6	*	1.9530
7	86.615	2	4.7	*	1.9376
8	83.497	1	5.2	*	1.9217
9	80.380	0	5.2	*	1.9051
10	77.262	1	5.7	*	1.8880
11	74.144	1	6.3	*	1.8701
12	71.026	0	6.3	*	1.8514
13	67.909	2	7.3	*	1.8319
14	64.791	5	9.9	*	1.8115
15	61.673	6	13.0	*	1.7901
16	58.556	9	17.7	*	1.7676
17	55.438	13	24.5	*	1.7438
18	52.320	9	29.2	*	1.7187
19	49.202	14	36.5	*	1.6920
20	46.085	8	40.6	*	1.6636
21	42.967	14	47.9	*	1.6331
22	39.849	17	56.8	*	1.6004
23	36.732	9	61.5	*	1.5650
24	33.614	11	67.2	*	1.5265
25	30.496	11	72.9	*	1.4842
26	27.379	9	77.6	*	1.4374
27	24.261	8	81.8	*	1.3849
28	21.143	6	84.9	*	1.3252
29	18.025	11	90.6	*	1.2559
30	14.908	11	96.4	*	1.1734
31	11.790	6	99.5	*	1.0715
32	8.672	0	99.5	*	0.9381
33	5.555	1	100.0	*	0.7447
34	2.437	0	100.0	*	0.3868
35	-0.681	0	100.0	*	**********
36	-3.798	0	100.0	*	**********
37	-6.916	0	100.0	*	**********
38	-10.034	0	100.0	*	**********
39	-13.152	0	100.0	*	**********
40	-16.269	0	100.0	*	**********
41	-19.387	0	100.0	*	**********

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: AG NUMBER OF VALUES IS 5
CALCULATED PARAMETERS: MEAN = 0.2400 STD.DEV. = 0.0548 VARIANCE = 0.0030

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	0.0757	0	0.0		-1.1210
2	0.0894	0	0.0		-1.0488
3	0.1031	0	0.0		-0.9869
4	0.1168	0	0.0		-0.9327
5	0.1305	0	0.0		-0.8845
6	0.1441	0	0.0		-0.8412
7	0.1578	0	0.0		-0.8018
8	0.1715	0	0.0		-0.7656
9	0.1852	0	0.0		-0.7323
10	0.1989	3	60.0	**********	-0.7013
11	0.2126	0	0.0		-0.6724
12	0.2263	0	0.0		-0.6453
13	0.2400	0	0.0		-0.6198
14	0.2537	0	0.0		-0.5957
15	0.2674	0	0.0		-0.5729
16	0.2811	0	0.0		-0.5512
17	0.2948	2	40.0	**********	-0.5305
18	0.3085	0	0.0		-0.5108
19	0.3222	0	0.0		-0.4919
20	0.3359	0	0.0		-0.4739
21	0.3495	0	0.0		-0.4565
22	0.3632	0	0.0		-0.4398
23	0.3769	0	0.0		-0.4237
24	0.3906	0	0.0		-0.4082

LOG VALUES.....: MEAN = -0.6285 STD.DEV. = 0.0964 VARIANCE = 0.0093

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	-0.9179	0	0.0		0.1208
2	-0.8938	0	0.0		0.1277
3	-0.8697	0	0.0		0.1350
4	-0.8455	0	0.0		0.1427
5	-0.8214	0	0.0		0.1509
6	-0.7973	0	0.0		0.1595
7	-0.7732	0	0.0		0.1686
8	-0.7491	0	0.0		0.1782
9	-0.7250	0	0.0		0.1884
10	-0.7009	3	60.0	**********	0.1991
11	-0.6768	0	0.0		0.2105
12	-0.6526	0	0.0		0.2225
13	-0.6285	0	0.0		0.2352
14	-0.6044	0	0.0		0.2486
15	-0.5803	0	0.0		0.2628
16	-0.5562	0	0.0		0.2778
17	-0.5321	2	40.0	**********	0.2937
18	-0.5080	0	0.0		0.3105
19	-0.4839	0	0.0		0.3282
20	-0.4597	0	0.0		0.3469
21	-0.4356	0	0.0		0.3667
22	-0.4115	0	0.0		0.3877
23	-0.3874	0	0.0		0.4098
24	-0.3633	0	0.0		0.4332

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: AG

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF LOGARITHMIC VALUES	ARITH. LIMIT
1	-0.393	0	0.0	*	0.4042
2	-0.405	0	0.0	*	0.3931
3	-0.418	0	0.0	*	0.3823
4	-0.430	0	0.0	*	0.3719
5	-0.442	0	0.0	*	0.3617
6	-0.454	0	0.0	*	0.3518
7	-0.466	0	0.0	*	0.3422
8	-0.478	0	0.0	*	0.3328
9	-0.490	0	0.0	*	0.3237
10	-0.502	0	0.0	*	0.3148
11	-0.514	0	0.0	*	0.3062
12	-0.526	2	40.0	*	0.2978
13	-0.538	0	40.0	*	0.2897
14	-0.550	0	40.0	*	0.2817
15	-0.562	0	40.0	*	0.2740
16	-0.574	0	40.0	*	0.2665
17	-0.586	0	40.0	*	0.2592
18	-0.598	0	40.0	*	0.2521
19	-0.610	0	40.0	*	0.2452
20	-0.623	0	40.0	*	0.2385
21	-0.635	0	40.0	*	0.2320
22	-0.647	0	40.0	*	0.2256
23	-0.659	0	40.0	*	0.2194
24	-0.671	0	40.0	*	0.2134
25	-0.683	0	40.0	*	0.2076
26	-0.695	0	40.0	*	0.2019
27	-0.707	3	100.0	*	0.1964
28	-0.719	0	100.0	*	0.1910
29	-0.731	0	100.0	*	0.1858
30	-0.743	0	100.0	*	0.1807
31	-0.755	0	100.0	*	0.1757
32	-0.767	0	100.0	*	0.1709
33	-0.779	0	100.0	*	0.1663
34	-0.791	0	100.0	*	0.1617
35	-0.803	0	100.0	*	0.1573
36	-0.815	0	100.0	*	0.1530
37	-0.827	0	100.0	*	0.1488
38	-0.840	0	100.0	*	0.1447
39	-0.852	0	100.0	*	0.1407
40	-0.864	0	100.0	*	0.1369
41	-0.876	0	100.0	*	0.1331

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: AG

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	0.374	0	0.0	*	-0.4277
2	0.367	0	0.0	*	-0.4357
3	0.360	0	0.0	*	-0.4439
4	0.353	0	0.0	*	-0.4523
5	0.346	0	0.0	*	-0.4608
6	0.339	0	0.0	*	-0.4694
7	0.332	0	0.0	*	-0.4783
8	0.326	0	0.0	*	-0.4873
9	0.319	0	0.0	*	-0.4966
10	0.312	0	0.0	*	-0.5060
11	0.305	0	0.0	*	-0.5156
12	0.298	2	40.0	*	-0.5255
13	0.291	0	40.0	*	-0.5356
14	0.285	0	40.0	*	-0.5459
15	0.278	0	40.0	*	-0.5565
16	0.271	0	40.0	*	-0.5673
17	0.264	0	40.0	*	-0.5785
18	0.257	0	40.0	*	-0.5899
19	0.250	0	40.0	*	-0.6016
20	0.243	0	40.0	*	-0.6136
21	0.237	0	40.0	*	-0.6260
22	0.230	0	40.0	*	-0.6388
23	0.223	0	40.0	*	-0.6519
24	0.216	0	40.0	*	-0.6655
25	0.209	0	40.0	*	-0.6795
26	0.202	0	40.0	*	-0.6939
27	0.195	3	100.0	*	-0.7089
28	0.189	0	100.0	*	-0.7243
29	0.182	0	100.0	*	-0.7404
30	0.175	0	100.0	*	-0.7571
31	0.168	0	100.0	*	-0.7744
32	0.161	0	100.0	*	-0.7925
33	0.154	0	100.0	*	-0.8113
34	0.148	0	100.0	*	-0.8310
35	0.141	0	100.0	*	-0.8516
36	0.134	0	100.0	*	-0.8733
37	0.127	0	100.0	*	-0.8961
38	0.120	0	100.0	*	-0.9202
39	0.113	0	100.0	*	-0.9456
40	0.106	0	100.0	*	-0.9727
41	0.100	0	100.0	*	-1.0015

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: MN NUMBER OF VALUES IS 192
CALCULATED PARAMETERS: MEAN = 355.1978 STD.DEV. = 314.1235 VARIANCE = 98673.5625

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	-587.1738	0	0.0		
2	-508.6431	0	0.0		
3	-430.1123	0	0.0		
4	-351.5815	0	0.0		
5	-273.0508	0	0.0		
6	-194.5200	0	0.0		
7	-115.9891	0	0.0		
8	-37.4583	15	7.8	*******	
9	41.0726	27	14.1	**************	1.6136
10	119.6035	30	15.6	***************	2.0777
11	198.1344	26	13.5	*************	2.2970
12	276.6653	18	9.4	*********	2.4420
13	355.1963	19	9.9	**********	2.5505
14	433.7273	12	6.3	******	2.6372
15	512.2583	5	2.6	***	2.7095
16	590.7893	12	6.3	******	2.7714
17	669.3203	8	4.2	****	2.8256
18	747.8513	7	3.6	****	2.8738
19	826.3823	5	2.6	***	2.9172
20	904.9133	3	1.6	**	2.9566
21	983.4443	0	0.0		2.9927
22	1061.9753	2	1.0	*	3.0261
23	1140.5063	0	0.0		3.0571
24	1219.0374	0	0.0		3.0860

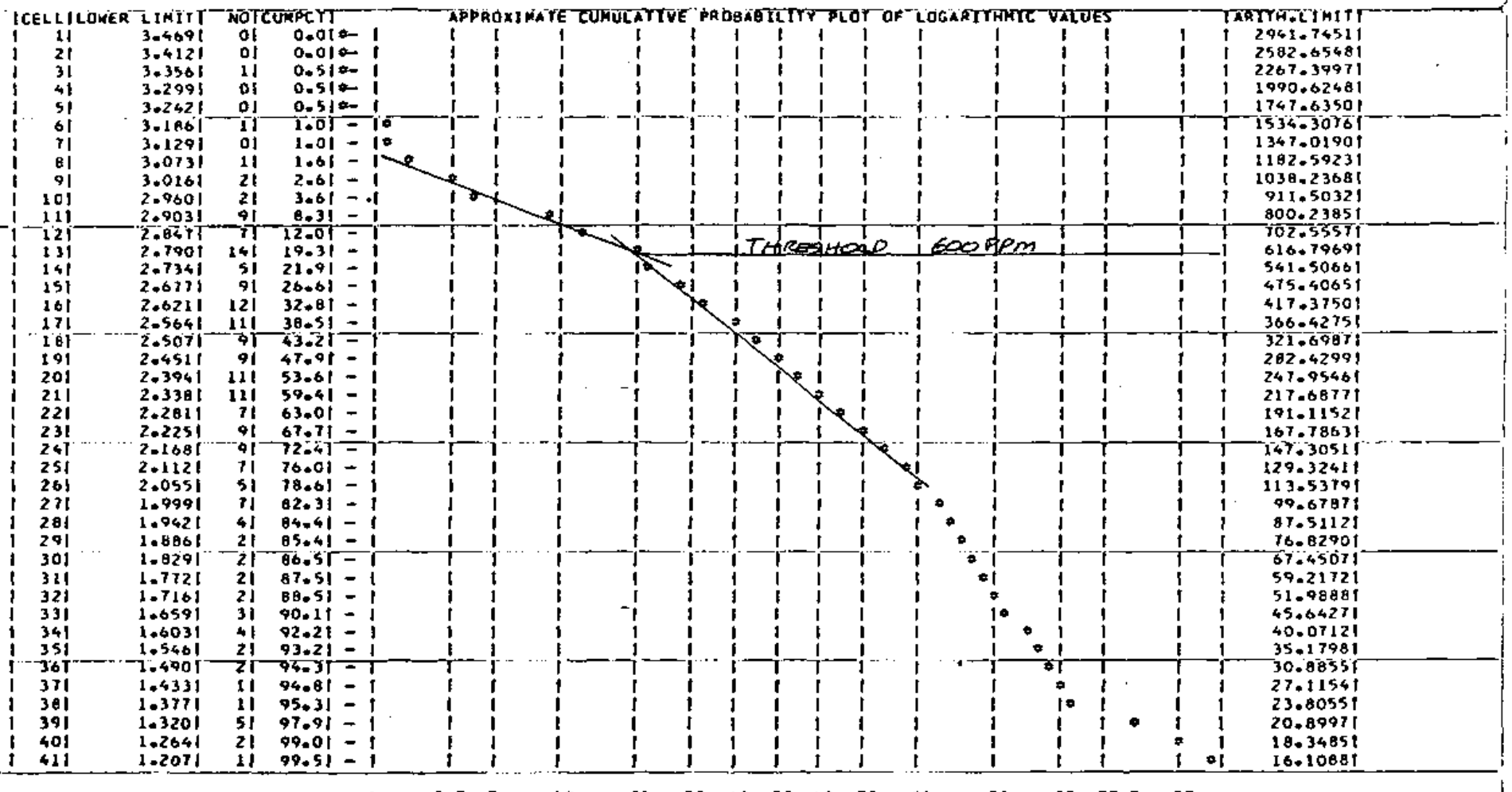
LOG VALUES.....: MEAN = 2.3661 STD.DEV. = 0.4523 VARIANCE = 0.2046

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	1.0092	0	0.0		10.2140
2	1.1223	0	0.0		13.2518
3	1.2354	6	3.1	***	17.1929
4	1.3484	3	1.6	**	22.3062
5	1.4615	3	1.6	**	28.9403
6	1.5746	7	3.6	****	37.5473
7	1.6877	5	2.6	***	48.7141
8	1.8007	4	2.1	**	63.2020
9	1.9138	10	5.2	*****	81.9987
10	2.0269	11	5.7	******	106.3857
11	2.1400	18	9.4	*********	138.0257
12	2.2530	18	9.4	*********	179.0754
13	2.3661	19	9.9	**********	232.3336
14	2.4792	20	10.4	**********	301.4312
15	2.5923	22	11.5	***********	391.0789
16	2.7053	14	7.3	*******	507.3884
17	2.8184	21	10.9	**********	658.2891
18	2.9315	7	3.6	****	854.0693
19	3.0446	1	0.5	*	1108.0752
20	3.1576	1	0.5	*	1437.6243
21	3.2707	1	0.5	*	1865.1833
22	3.3838	0	0.0		2419.9011
23	3.4969	0	0.0		3139.5959
24	3.6100	0	0.0		4073.3364

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: MN



CELL	LOWER LIMIT	NO	CUMPCT		ARITH.LIMIT
1	3.469	0	0.0	*	2941.7451
2	3.412	0	0.0	*	2582.6548
3	3.356	1	0.5	*	2267.3997
4	3.299	0	0.5	*	1990.6248
5	3.242	0	0.5	*	1747.6350
6	3.186	1	1.0	-	1534.3076
7	3.129	0	1.0	-	1347.0190
8	3.073	1	1.6	-	1182.5923
9	3.016	2	2.6	-	1038.2368
10	2.960	2	3.6	-	911.5032
11	2.903	9	8.3	-	800.2385
12	2.847	7	12.0	-	702.5557
13	2.790	14	19.3	-	616.7969
14	2.734	5	21.9	-	541.5066
15	2.677	9	26.6	-	475.4065
16	2.621	12	32.8	-	417.3750
17	2.564	11	38.5	-	366.4275
18	2.507	9	43.2	-	321.6987
19	2.451	9	47.9	-	282.4299
20	2.394	11	53.6	-	247.9546
21	2.338	11	59.4	-	217.6877
22	2.281	7	63.0	-	191.1152
23	2.225	9	67.7	-	167.7863
24	2.168	9	72.4	-	147.3051
25	2.112	7	76.0	-	129.3241
26	2.055	5	78.6	-	113.5379
27	1.999	7	82.3	-	99.6787
28	1.942	4	84.4	-	87.5112
29	1.886	2	85.4	-	76.8290
30	1.829	2	86.5	-	67.4507
31	1.772	2	87.5	-	59.2172
32	1.716	2	88.5	-	51.9888
33	1.659	3	90.1	-	45.6427
34	1.603	4	92.2	-	40.0712
35	1.546	2	93.2	-	35.1798
36	1.490	2	94.3	-	30.8855
37	1.433	1	94.8	-	27.1154
38	1.377	1	95.3	-	23.8055
39	1.320	5	97.9	-	20.8997
40	1.264	2	99.0	-	18.3485
41	1.207	1	99.5	-	16.1068

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: MN

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	1120.874	3	1.6	*	3.0496
2	1081.608	1	2.1	*	3.0341
3	1042.343	1	2.6	*	3.0180
4	1003.077	0	2.6	*	3.0013
5	963.811	0	2.6	*	2.9840
6	924.546	1	3.1	*	2.9659
7	885.280	3	4.7	*	2.9471
8	846.014	1	5.2	*	2.9274
9	806.749	6	8.3	*	2.9067
10	767.483	3	9.9	*	2.8851
11	728.218	2	10.9	*	2.8623
12	688.952	3	12.5	*	2.8382
13	649.686	8	16.7	*	2.8127
14	610.421	6	19.8	*	2.7856
15	571.155	3	21.4	*	2.7568
16	531.889	1	21.9	*	2.7258
17	492.624	6	25.0	*	2.6925
18	453.358	5	27.6	*	2.6564
19	414.093	10	32.8	*	2.6171
20	374.827	10	38.0	*	2.5738
21	335.561	7	41.7	*	2.5258
22	296.296	7	45.3	*	2.4717
23	257.030	13	52.1	*	2.4100
24	217.765	14	59.4	*	2.3380
25	178.499	10	64.6	*	2.2516
26	139.234	18	74.0	*	2.1437
27	99.968	16	82.3	*	1.9999
28	60.703	10	87.5	*	1.7832
29	21.437	20	97.9	*	1.3312
30	-17.828	4	100.0	*	**********
31	-57.094	0	100.0	*	**********
32	-96.359	0	100.0	*	**********
33	-135.624	0	100.0	*	**********
34	-174.890	0	100.0	*	**********
35	-214.155	0	100.0	*	**********
36	-253.421	0	100.0	*	**********
37	-292.686	0	100.0	*	**********
38	-331.951	0	100.0	*	**********
39	-371.217	0	100.0	*	**********
40	-410.482	0	100.0	*	**********
41	-449.748	0	100.0	*	**********

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: AS NUMBER OF VALUES IS 44
CALCULATED PARAMETERS: MEAN = 5.2727 STD.DEV. = 2.5732 VARIANCE = 6.6216

PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES

CELL	LOWER LIMIT	NO	PCT		LOG LIMIT
1	-2.4470	0	0.0		
2	-1.8037	0	0.0		
3	-1.1604	0	0.0		
4	-0.5171	0	0.0		
5	0.1262	0	0.0		-0.8988
6	0.7695	0	0.0		-0.1138
7	1.4129	2	4.5	*****	0.1501
8	2.0562	0	0.0		0.3131
9	2.6995	13	29.5	**********	0.4313
10	3.3428	0	0.0		0.5241
11	3.9861	6	13.6	**********	0.6005
12	4.6294	5	11.4	**********	0.6655
13	5.2727	0	0.0		0.7220
14	5.9160	6	13.6	**********	0.7720
15	6.5593	4	9.1	*********	0.8169
16	7.2027	0	0.0		0.8575
17	7.8460	4	9.1	*********	0.8946
18	8.4893	1	2.3	**	0.9289
19	9.1326	0	0.0		0.9606
20	9.7759	1	2.3	**	0.9902
21	10.4192	0	0.0		1.0178
22	11.0625	0	0.0		1.0439
23	11.7058	1	2.3	**	1.0684
24	12.3491	0	0.0		1.0916

LOG VALUES.....: MEAN = 0.6755 STD.DEV. = 0.2018 VARIANCE = 0.0407

PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES

CELL	LOWER LIMIT	NO	PCT		ARITH.LIMIT
1	0.0701	0	0.0		1.1751
2	0.1205	0	0.0		1.3199
3	0.1710	0	0.0		1.4825
4	0.2214	0	0.0		1.6651
5	0.2719	2	4.5	*****	1.8702
6	0.3223	0	0.0		2.1005
7	0.3728	0	0.0		2.3593
8	0.4232	0	0.0		2.6499
9	0.4737	13	29.5	**********	2.9763
10	0.5241	0	0.0		3.3429
11	0.5746	6	13.6	**********	3.7547
12	0.6250	0	0.0		4.2172
13	0.6755	5	11.4	**********	4.7366
14	0.7259	0	0.0		5.3201
15	0.7764	6	13.6	**********	5.9754
16	0.8268	4	9.1	*********	6.7114
17	0.8773	4	9.1	*********	7.5381
18	0.9277	1	2.3	**	8.4666
19	0.9782	1	2.3	**	9.5095
20	1.0286	0	0.0		10.6809
21	1.0791	2	4.5	*****	11.9966
22	1.1295	0	0.0		13.4743
23	1.1800	0	0.0		15.1340
24	1.2304	0	0.0		16.9981

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: AS

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF LOGARITHMIC VALUES	ARITH.LIMIT
1	1.167	0	0.0		14.7008
2	1.142	0	0.0		13.8713
3	1.117	0	0.0		13.0885
4	1.092	1	2.3		12.3500
5	1.066	1	4.5		11.6531
6	1.041	0	4.5		10.9956
7	1.016	0	4.5		10.3751
8	0.991	1	6.8		9.7897
9	0.966	0	6.8		9.2373
10	0.940	1	9.1		8.7161
11	0.915	0	9.1		8.2242
12	0.890	4	18.2		7.7602
13	0.865	0	18.2		7.3223
14	0.839	4	27.3		6.9091
15	0.814	0	27.3		6.5193
16	0.789	0	27.3		6.1514
17	0.764	6	40.9		5.8043
18	0.739	0	40.9		5.4768
19	0.713	0	40.9		5.1678
20	0.688	5	52.3		4.8762
21	0.663	0	52.3		4.6010
22	0.638	0	52.3		4.3414
23	0.612	0	52.3		4.0964
24	0.587	6	65.9		3.8653
25	0.562	0	65.9		3.6472
26	0.537	0	65.9		3.4414
27	0.512	0	65.9		3.2472
28	0.486	0	65.9		3.0640
29	0.461	13	95.5		2.8911
30	0.436	0	95.5		2.7279
31	0.411	0	95.5		2.5740
32	0.385	0	95.5		2.4288
33	0.360	0	95.5		2.2917
34	0.335	0	95.5		2.1624
35	0.310	0	95.5		2.0404
36	0.284	2	100.0		1.9253
37	0.259	0	100.0		1.8166
38	0.234	0	100.0		1.7141
39	0.209	0	100.0		1.6174
40	0.184	0	100.0		1.5261
41	0.158	0	100.0		1.4400

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99

EAST86 GEOCHEM SURVEY

VARIABLE NAME IS: AS

CELL	LOWER LIMIT	NO	CUMPCT	APPROXIMATE CUMULATIVE PROBABILITY PLOT OF ARITHMETIC VALUES	LOG LIMIT
1	11.545	2	4.5	*	1.0624
2	11.223	0	4.5	*	1.0501
3	10.902	0	4.5	*	1.0375
4	10.580	0	4.5	*	1.0245
5	10.258	0	4.5	*	1.0111
6	9.937	1	6.8	*	0.9972
7	9.615	0	6.8	*	0.9830
8	9.293	0	6.8	*	0.9682
9	8.972	1	9.1	*	0.9529
10	8.650	0	9.1	*	0.9370
11	8.328	0	9.1	*	0.9206
12	8.007	0	9.1	*	0.9035
13	7.685	4	18.2	*	0.8857
14	7.363	0	18.2	*	0.8671
15	7.042	0	18.2	*	0.8477
16	6.720	4	27.3	*	0.8274
17	6.399	0	27.3	*	0.8061
18	6.077	0	27.3	*	0.7837
19	5.755	6	40.9	*	0.7601
20	5.434	0	40.9	*	0.7351
21	5.112	0	40.9	*	0.7086
22	4.790	5	52.3	*	0.6804
23	4.469	0	52.3	*	0.6502
24	4.147	0	52.3	*	0.6177
25	3.825	6	65.9	*	0.5827
26	3.504	0	65.9	*	0.5445
27	3.182	0	65.9	*	0.5027
28	2.860	13	95.5	*	0.4564
29	2.539	0	95.5	*	0.4046
30	2.217	0	95.5	*	0.3458
31	1.895	2	100.0	*	0.2777
32	1.574	0	100.0	*	0.1969
33	1.252	0	100.0	*	0.0976
34	0.930	0	100.0	*	-0.0313
35	0.609	0	100.0	*	-0.2156
36	0.287	0	100.0	*	-0.5420
37	-0.035	0	100.0	*	**********
38	-0.356	0	100.0	*	**********
39	-0.678	0	100.0	*	**********
40	-1.000	0	100.0	*	**********
41	-1.321	0	100.0	*	**********

1 2.5 5 10 20 30 40 50 60 70 80 90 95 97.5 99