KOKANEE EXPLORATIONS LTD.

REPORT ON A SOIL GEOCHEMISTRY PROGRAM

ARC, NOAH, SURE BET and PUP CLAIMS

SLOCAN MINING DIVISION

CRAWFORD AREA

N.T.S. 82F/10W

LAT: 49°38' LONG: 116°51'

OWNER

KOKANEE EXPLORATIONS LTD.
Suite 104, 135 - 10th Avenue South
Cranbrook, B.C.
V1C 2N1

Worked Performed from November 1, 1991 to December 15, 1991

Report by: David Meeks
Submitted: March, 1992

TABLE OF CONTENTS

KOKANEE EXPLORATIONS LTD.

REPORT ON A SOIL GEOCHEMISTRY PROGRAM

ARC, NOAH, SURE BET and PUP CLAIMS

SLOCAN MINING DIVISION

D. Meeks March, 1992

1.00 Introduction

The claims that comprise the Arc property are the Arc, Sure Bet, Pup, and Noah claims. All but the Noah claims were obtained by option agreements with various private prospectors. The Noah claims were obtained by staking Crown land and are 100% owned by Kokanee. The Arc property is further subject to an earn-in agreement between Kokanee, Barkhor, and Chapleau.

The claims were acquired in order to follow up on findings of various boulders of high grade massive sulphide float. As part of the program to identify the source of the boulders, a soil geochemistry survey was conducted in late 1991. This report concerns the results of this survey.

2.00 Location and Access

The Arc Property is located on Crawford peninsula south-southwest of the town of Crawford Bay. Access to the property is by travelling north of Creston on Highway 3A. Local access on the property is provided by forestry roads and private logging roads.

3.00 Regional Geology

The area immediately to the north of the Arc - Sure Bet claims has been regionally mapped by Trygve Hoy, for the B.C. Department of Mines, 1980 (Bulletin 73 - Geology of the Riondel Area, Central Kootenay Arc, Southeastern B.C.).

Metamorphic rocks, which underlie the region, correlate with the Lower Paleozoic sequence exposed along the trend of the Kootenay Arc to the north and south (T. Hoy, 1986). These rocks consist mainly of quartzites and schists of the Hamil group, overlain by interlayered calcareous schists, marble and quartzites of the Mohican Formation, and Lower Cambrian marble, of the Badshot Formation, as well as micaceous schist, calc-silicate, gneiss and amphibolite, which are part of the Lardeau group.

The structure of the area is dominated by a series of west dipping, tight to isoclinal folds (Phase 2) that are superposed on the inverted limb of an earlier limb of a recumbent anticlinal structure named the Riondel Nappe (T. Hoy, 1980).

The regional metamorphic grade ranges from upper green schist facies in the east to amphibolite facies in the west.

4.00 Property Geology

Geological work on the property to date consists of reconnaissance geological mapping and core logging. This work suggests that the structures and lithology mapped by T. Hoy in 1980 extend through the Arc - Sure Bet claims.

The property is underlain by the Index, Badshot, Mohican and Hamil Formations. The Index Formation consists principally of an upper division formed by biotite-quartz-feldspar gneiss, minor garnet gneiss and a lower division consisting of calc-silicate, biotite-quartz-feldspar gneiss, and minor phlogopitic quartzite , muscovite gneiss and abundant amphibolite sills.

The Badshot Formation consists of calcite marble and dolomitic marble. Phlogopite is generally weakly disseminated throughout the marble, with some marble units distinctly phlogopite rich. Weakly disseminated graphite generally occurs throughout the marble beds, and in some cases, forms distinct wispy thin lamina. Very weakly disseminated pyrite and rare magnetite occurs in some of the marble beds.

The Mohican Formation consists mainly of calcareous quartzites, calcareous schists, minor marble and amphibolite sills. The Hamil Formation is mainly dark quartzite, white quartzite and quartz schist.

A small quartz monzonite stock occurs near the centre of the property. Thin pegmatite sills, small aplite dykes and sills and biotite quartz monzonite dykes and sills are abundant within the claim block.

Structure on the property is dominated by the Crawford Bay antiform, the Breacher Creek antiform and the Bernard Fault.

5.00 Soil Geochemistry Survey

A total of 1276 soil geochemistry samples were taken on 19 north - south lines spaced 200 m apart with a sample interval of 50 m. The samples were taken from the "B" horizon of the soil and analyzed by ICP for 30 elements.

6.00 Methodology and Discussion

Of the 30 elements that were analyzed, 16 were selected for more detailed analysis. The initial screening criteria that were used consisted of: eliminating certain elements because they were common to the rock forming minerals; examining the maximum, minimum, mean, and standard deviation of the sample values and eliminating those that did not demonstrate a sufficient spread in data values to be useful for analysis.

The data for each of the remaining 16 elements were then grouped and normal and log histograms were plotted. These were examined for characteristics such as mode, skewness, kurtosis, and whether or not the distribution was normal or log normal. These plots, along with their respective underlying numerical analysis, were used to determine a cutoff value and to group the data for contouring. The histograms and numerical analyses are available in Appendix II for all 16 elements.

Further screening was done by gridding the data and then looking at the contoured grid on the computer terminal screen. This helped determine if the characteristics of the data were defining any possible underlying mineralized structures.

After going through this process for each element, it was determined that sufficient information for Kokanee's purposes could be derived from working with the Cu, Zn, and Pb values. Other elements were also indicating possible underlying mineralized structures but none were indicating additional structures of interest, therefore, maps were only generated for these three elements.

The maps were generated by gridding the underlying data and contouring the grid. When comparing the contours to the raw data, some inconsistencies will be observed. This is a result of some smoothing of the data caused by the gridding process and can be considered a difference in interpretation rather than an incorrect one. The maps are in the map pocket of this report.

A review of the three maps shows a consistent NNW - SSE trend that runs from one end of the geochem grid to the other. The anomalous zone appears to cover an area that is from 200 m - 1000 m wide and from 400 m - 5000 m long depending on the element being examined. This trend is more evident on the Pb and Zn maps than on the Cu map. The observed trends on each of the maps are consistent with the make up of mineralized float samples from the property since the float tends to consist of sulphides, in descending order of abundance, of Fe, Zn, Pb, and Cu as well as other minor elements.

The behaviour of the Cu indicates the possibility of more pod like structures than a continuous large zone. An alternate explanation for this behaviour is that the copper mineralization may have a zoned distribution. This is supported by examination of mineralized float, as frequently Cu minerals are present in minor amounts when they are present at all and occasionally they are present in abundance.

As expected the Zn map shows a wider more continuous anomaly than the other two maps. While this correlates with the assay results on the boulders and may indicate that the mineralization that is being sought is richer in Zn than Pb and Cu, it is more likely that it is also a display of the higher comparative mobility of Zn.

This finally brings up the Pb map. Since Pb is generally more site specific than Zn, it is considered to be a better indicator of where mineralization might be found. In comparing the respective maps, this premise seems believable as the Pb anomalies are not quite as wide spread as the Zn anomalies nor are they as local as the Cu anomalies. Assuming that the Pb is the best indicator of where the mineralization might be found, it can be concluded that at least four distinct anomalies occur on the property. Of the four, three occur in a trend that runs NNW - SSE for about 5000 m and have a width of 200 m - 400 m. The fourth anomaly is on the west side of the grid near the north edge of the grid and is open to the west.

7.00 Conclusions and Recommendations

Upon examining the maps, four anomalous areas are readily identified. Three of the anomalies lie in a NNW - SSE trend and represent a significant area that is approximately 200 m - 400 m wide and 5000 m long. The northern part of the anomaly is open and appears to be weakening, the same cam be said for the southern extent. This anomalous zone appears to cross cut the geology and may continue to the north, however, it is felt that any continuation would likely manifest itself as a separate 'fourth' anomaly along this trend. The fourth anomaly is on the west side of the geochem grid and is open to the west.

It is recommended that the area be geologically mapped and the anomalous areas be prospected in detail. After thorough investigation of the separate anomalies and assuming that ground cover prevents locating sources of the anomalies, additional geochem in each of the respective areas on a 25 m square spacing should be done in order to better delineate the anomalies. The area immediately west of the fourth anomaly should be picked up and then

sampled by running at least two lines of geochem parallel to and immediately west of the open anomaly on the existing sample spacing. After determining the trend and extent of this anomaly, additional sampling on a 25 m square spacing should also be done.

Report by: David P. Meeks

David Meeks
B.A.Sc.,P.Eng.

EXHIBIT "A"

STATEMENT OF EXPENDITURES
SOIL GEOCHEM PROGRAM

ON ARC 1-32, NOAH 1-4,6,7,11-16,19-27,34-36,
SURE BET 1-12 AND PUP 1&2 CLAIMS
SLOCAN M.D.

Covering the period from Nov. 1, 1991 to Dec. 15, 1991

SALARIES:	
D. Meeks - P.Eng. - Assessment Report Writing & Interpretation 2 days @ $400/day	$ 800.00
SOIL GEOCHEM CONTRACTOR:	
Glen Rodgers, Skookumchuck, B.C.	
1287 soil samples @ $3.00/sample	3,861.00
Accomodation re Rodgers - 21 days at Motel	1,393.35
ASSAYS:	
Acme Analytical Laboraties Ltd., Vancouver, B.C.	
1276 samples @ 4.10/sample	5,231.60
Shipping charges re samples	223.98
MISCELLANEOUS EXPENSES:	
Sample bags, topo foil, etc.	125.00
Soil Geochem Total=	$11,634.93

David P. Meeks

DAVID P. MEEKS
B.A.Sc.,P.Eng.

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A SOIL GEOCHEM PROGRAM

CARRIED OUT ON THE ARC 1-32 CLAIMS, NOAH 1-4,6,7,11-16, 19-27,34-36 CLAIMS, SURE BET 1-12 CLAIMS AND PUP 1&2 CLAIMS

CRAWFORD BAY AREA

in the Slocan Mining Division of the Province of British Columbia

More Particularily N.T.S. 82F/10E

A F F I D A V I T

I, David P. Meeks, of the City of Cranbrook, in the Province of British Columbia, make Oath and say:

1. That I am employed as a Geologist by Kokanee Explorations Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose:

2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a soil geochem program, on the Arc 1-32; Noah 1-4,6,7,11-16,19-27,34-36; Sure Bet 1-12 and Pup 1 and 2 Mineral Claims.

3. That the said expenditures were incurred between the 1st day of November, 1991 and the 15th day of December, 1991 for the purpose of mineral exploration.

David P. Meeks

DAVID P. MEEKS
B.A.Sc.,P.Eng.

Statement of Qualification

I, David P. Meeks of 303 - 16th Avenue South, Cranbrook, British Columbia, hereby certify that:

1. I am a graduate from the University of British Columbia, 1979, where I obtained a B.A.Sc. degree in Geological Engineering in the hard rock mining exploration option of the program;

2. I have been engaged in mining exploration and petroleum exploitation and production since 1974.

3. I am a professional engineer in the Province of Alberta and am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

David P. Meeks

David P. Meeks,
B.A.Sc.,P.Eng.
member # 37345

APPENDIX I

ASSAYS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ARC
Soils

GEOCHEMICAL ANALYSIS CERTIFICATE

Kokanee Explorations Ltd. File # 91-5354 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L1400E 1400N	1	18	45	378	.1	29	8	1167	2.61	7	5	ND	3	23	.8	2	2	33	.21	.148	7	21	.38	312	.24	2	3.60	.03	.13	1
L1400E 1350N	1	45	27	146	.1	88	16	678	3.01	2	5	ND	3	18	.2	2	2	47	.35	.074	7	108	1.12	282	.26	4	3.65	.02	.14	1
L1400E 1300N	1	23	44	191	.1	58	9	429	2.84	2	5	ND	4	24	.2	2	2	35	.28	.112	8	29	.43	285	.25	3	5.84	.03	.11	1
L1400E 1250N	1	35	35	235	.3	38	13	641	3.55	3	5	ND	4	29	.2	2	2	45	.38	.350	7	40	1.22	315	.27	5	4.77	.02	.21	1
L1400E 1200N	1	19	34	333	.1	33	14	1219	3.43	2	5	ND	2	19	.2	2	2	43	.36	.108	6	45	1.42	285	.27	2	3.21	.02	.26	1
L1400E 1150N	1	25	44	229	.1	42	10	1759	2.73	3	5	ND	3	25	.4	2	2	35	.33	.204	7	32	.71	350	.22	4	3.50	.02	.15	1
L1400E 1100N	1	17	37	175	.1	27	8	986	2.45	5	5	ND	4	16	.2	2	2	32	.19	.100	9	30	.55	293	.20	3	2.85	.02	.10	1
L1400E 1050N	1	26	35	137	.1	28	9	472	2.77	3	5	ND	4	18	.2	2	2	36	.30	.119	12	26	.52	178	.24	2	5.45	.02	.11	2
L1400E 1000N	1	22	81	195	.1	74	11	1448	2.82	10	5	ND	3	17	.5	2	2	39	.26	.140	6	45	.73	257	.24	2	3.74	.02	.15	1
L1400E 950N	1	19	46	171	.1	30	9	865	2.57	2	5	ND	3	19	.2	2	2	35	.27	.073	7	33	.78	309	.21	4	3.16	.02	.12	1
L1400E 900N	1	38	35	283	.1	55	14	792	2.87	7	5	ND	2	21	.2	2	2	40	.25	.101	7	36	.80	273	.25	2	3.37	.02	.15	2
L1400E 850N	1	38	48	337	.1	35	9	329	2.33	7	5	ND	5	16	.2	2	2	31	.23	.062	11	42	.72	161	.14	2	2.49	.01	.14	1
L1400E 800N	1	15	46	478	.1	42	13	1349	3.10	2	5	ND	4	34	1.7	2	2	36	.40	.142	8	25	.44	402	.25	3	3.14	.03	.24	1
L1400E 750N	1	13	48	492	.1	46	11	1606	2.58	2	5	ND	3	34	2.7	2	2	34	.40	.068	10	23	.45	496	.20	6	2.59	.03	.16	1
L1400E 700N	2	74	58	439	.2	94	26	461	4.07	7	5	ND	4	38	2.2	2	2	65	.65	.120	10	58	1.20	138	.15	2	3.28	.04	.28	1
L1400E 650N	5	66	38	179	1.0	53	8	1099	4.53	5	5	ND	6	33	.4	2	2	75	.31	.156	16	42	.47	129	.11	2	2.22	.01	.13	2
L1400E 600N	1	25	46	290	.3	60	13	1381	3.04	2	5	ND	4	39	.8	2	2	40	.46	.123	10	36	.68	414	.22	5	3.71	.03	.20	1
L1400E 550N	1	19	36	201	.2	47	9	799	2.75	13	5	ND	3	28	.3	2	2	31	.34	.519	7	18	.27	337	.26	5	6.09	.03	.10	1
L1400E 500N	1	23	48	214	.1	38	9	640	2.69	13	5	ND	6	24	.2	2	2	32	.27	.340	8	28	.46	231	.20	3	3.90	.02	.12	1
L1400E 450N	1	12	65	683	.1	21	7	2365	2.28	5	5	ND	5	31	2.2	2	2	28	1.26	.392	12	18	.92	494	.15	5	3.13	.03	.14	1
L1400E 400N	1	22	48	266	.2	51	11	1245	2.83	2	5	ND	4	23	.2	2	2	35	.37	.221	18	29	.55	229	.20	4	3.30	.02	.15	1
L1400E 350N	1	19	33	211	.1	39	10	863	3.26	2	5	ND	7	24	.4	2	2	44	1.21	.089	19	34	3.23	325	.19	4	4.26	.02	.10	1
L1400E 300N	2	24	46	228	.1	74	14	1472	5.56	4	5	ND	4	31	.3	2	2	39	.60	.154	9	44	1.50	277	.21	3	3.53	.03	.15	1
L1400E 250N	1	18	35	292	.2	28	12	368	2.88	6	5	ND	4	19	.2	2	2	32	.26	.091	7	22	.38	186	.25	5	4.00	.03	.12	2
L1400E 200N	1	36	34	350	.1	37	12	858	4.80	5	5	ND	5	19	.2	3	2	39	.31	.188	7	40	2.10	170	.24	3	4.61	.02	.11	3
L1400E 150N	1	24	23	229	.1	38	13	841	4.79	3	5	ND	5	17	.2	2	2	45	.27	.129	22	27	1.17	192	.14	2	3.31	.02	.10	2
L1400E 100N	1	14	23	238	.1	29	9	947	2.88	2	5	ND	6	13	.2	2	2	31	.27	.096	12	29	.61	260	.13	4	2.22	.02	.11	1
L1400E 50N	1	14	368	772	.3	26	7	689	2.58	2	5	ND	5	16	.5	2	12	31	.26	.106	8	22	.40	215	.21	6	2.79	.02	.10	1
L1400E 0N	1	12	43	304	.1	27	10	1677	2.89	4	5	ND	4	15	.2	2	3	33	.30	.183	8	30	.48	263	.21	2	2.91	.02	.11	1
L1600E 1400N	1	10	43	245	.1	17	6	1009	2.24	2	5	ND	4	29	.2	2	2	30	.24	.121	7	13	.20	330	.24	3	3.25	.02	.09	1
RE L1400E 150N	1	24	29	230	.1	39	13	867	4.79	6	5	ND	6	18	.2	2	2	46	.27	.128	22	29	1.16	197	.14	2	3.32	.02	.10	1
L1600E 1350N	1	13	47	174	.1	28	7	706	2.42	5	5	ND	5	16	.2	2	2	30	.15	.048	9	21	.38	254	.23	3	3.60	.02	.10	1
L1600E 1300N	1	10	48	228	.2	26	8	183	1.54	2	5	ND	5	14	.2	2	2	21	.20	.008	16	28	.50	123	.11	5	1.42	.01	.09	1
L1600E 1250N	1	6	23	127	.1	11	6	622	1.33	2	5	ND	4	8	.3	2	2	26	.11	.018	11	18	.23	83	.13	2	.83	.01	.09	1
L1600E 1200N	1	15	65	269	.1	31	8	909	2.44	8	5	ND	5	13	.3	2	2	32	.16	.114	9	31	.40	229	.18	5	2.08	.02	.12	1
L1600E 1150N	1	11	36	205	.1	18	8	598	1.93	3	5	ND	4	13	.2	2	2	25	.20	.049	10	25	.40	142	.15	2	1.36	.01	.12	1
L1600E 1100N	1	29	58	207	.2	41	11	600	2.89	5	5	ND	5	15	.3	2	2	36	.22	.092	9	38	.67	206	.25	2	3.17	.02	.24	2
STANDARD C	18	57	43	133	6.7	69	33	1050	3.99	40	15	7	37	53	18.5	15	18	55	.48	.090	37	58	.89	177	.09	32	1.89	.06	.15	13

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 3 1991 **DATE REPORT MAILED:** Nov 6/91 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L1600E 1050N	1	19	26	236	.1	43	13	873	3.73	2	5	ND	4	17	.2	2	2	45	.25	.097	9	38	1.04	375	.26	2	5.07	.03	.21	3
L1600E 1000N	1	30	38	284	.1	78	19	795	3.96	2	5	ND	4	24	.2	2	2	43	.33	.225	7	41	.78	400	.23	2	4.11	.02	.26	1
L1600E 950N	1	26	69	347	.1	36	11	785	2.91	9	5	ND	4	14	.4	2	3	41	.29	.236	8	33	.56	292	.19	2	3.25	.02	.10	1
L1600E 900N	1	22	41	315	.3	39	8	1150	2.64	9	5	ND	4	17	.9	2	2	31	.20	.162	10	21	.29	196	.23	3	4.74	.03	.09	1
L1600E 850N	5	97	37	442	.2	50	12	791	5.91	6	5	ND	5	45	.6	2	2	92	.49	.212	15	34	.69	353	.08	4	2.44	.03	.12	1
L1600E 800N	1	16	54	837	.3	52	9	614	2.74	4	5	ND	4	16	4.0	2	2	36	.19	.113	8	25	.42	214	.22	6	3.71	.02	.11	1
L1600E 750N	3	19	15	969	.1	47	8	409	1.86	3	5	ND	1	15	1.2	2	2	322	.32	.046	5	75	1.04	76	.08	2	2.61	.01	.03	1
L1600E 700N	1	26	44	365	.2	60	10	694	3.04	3	5	ND	4	24	.9	2	2	43	.33	.134	11	26	.42	275	.22	2	4.41	.03	.11	1
L1600E 650N	1	19	52	315	.1	45	11	1523	3.14	6	5	ND	4	19	.2	2	2	34	.21	.206	8	21	.40	333	.23	2	4.86	.02	.16	1
L1600E 600N	1	34	24	448	.1	109	21	641	4.90	4	5	ND	3	23	.4	2	2	62	.33	.100	6	93	1.31	247	.33	2	5.73	.03	.40	1
L1600E 550N	1	11	47	278	.1	32	8	610	1.98	8	5	ND	4	14	.4	2	2	23	.22	.177	8	27	.42	197	.11	3	2.51	.01	.11	1
L1600E 500N	1	21	65	268	.1	36	11	1631	3.00	6	5	ND	5	17	.5	2	4	34	.29	.247	10	27	.48	211	.20	2	3.86	.02	.10	1
L1600E 450N	1	33	94	335	.2	46	11	696	2.61	14	5	ND	5	14	.4	2	2	32	.22	.118	9	41	.91	177	.18	3	2.90	.02	.14	1
L1600E 400N	1	33	111	219	.1	38	14	564	3.14	5	5	ND	5	26	.3	2	2	33	.30	.078	14	32	.58	144	.22	2	3.77	.02	.13	2
L1600E 350N	1	19	115	326	.1	32	10	1429	2.79	10	5	ND	4	20	.6	2	3	28	.28	.059	8	27	1.20	302	.20	4	2.74	.02	.15	1
L1600E 300N	1	77	52	329	.1	46	20	1243	5.90	2	5	ND	5	25	.4	2	2	49	.78	.053	15	43	3.62	144	.23	2	4.69	.02	.24	1
RE L1600E 50N	1	21	72	384	.1	50	12	1058	3.24	10	5	ND	4	25	.7	2	2	36	.40	.360	10	33	.72	335	.18	2	3.93	.02	.19	1
L1600E 250N	1	33	42	214	.1	27	16	837	5.64	2	5	ND	5	32	.2	2	2	42	.68	.108	14	33	1.37	88	.20	4	3.40	.02	.55	1
L1600E 200N	1	43	41	214	.1	41	19	549	6.71	2	5	ND	4	36	.2	2	2	68	.80	.131	11	62	2.31	110	.26	4	4.39	.04	.56	1
L1600E 150N	1	18	59	265	.1	35	9	880	2.57	10	5	ND	4	24	.3	2	3	31	.30	.182	7	27	.57	202	.21	2	3.31	.03	.15	1
L1600E 100N	1	34	73	250	.1	57	16	644	3.85	8	5	ND	5	26	.3	2	4	55	.43	.075	10	61	1.41	158	.21	5	3.74	.04	.17	1
L1600E 50N	1	21	73	387	.1	51	11	1077	3.26	12	5	ND	5	25	.8	2	2	37	.40	.363	10	33	.72	341	.18	3	3.92	.03	.19	1
L1600E 0N	1	15	73	368	.2	33	8	713	2.71	11	5	ND	4	26	.7	2	3	31	.38	.341	8	24	.39	197	.21	5	4.63	.02	.14	1
L1800E 1400N	1	14	42	188	.1	20	7	384	2.93	7	5	ND	4	30	.4	4	2	34	.43	.034	4	10	.18	208	.28	5	6.10	.03	.10	2
L1800E 1350N	1	14	70	288	.4	33	9	217	2.88	3	5	ND	6	16	.4	2	3	35	.21	.028	8	24	.35	169	.20	6	3.30	.02	.11	1
L1800E 1300N	1	15	74	435	.2	39	9	522	2.67	6	5	ND	5	16	1.2	2	2	31	.27	.203	10	32	.57	257	.15	3	2.90	.02	.13	1
L1800E 1250N	1	14	130	306	.1	33	10	562	3.05	3	5	ND	4	16	.4	2	2	39	.29	.084	9	27	.47	291	.22	2	2.72	.02	.14	2
L1800E 1200N	1	18	73	325	.1	33	10	498	3.20	3	5	ND	6	14	.5	2	3	41	.28	.077	7	32	.53	215	.22	3	3.98	.02	.11	1
L1800E 1150N	1	25	62	322	.6	52	10	651	2.66	4	5	ND	5	22	.9	2	3	44	.24	.082	8	27	.54	182	.21	3	3.47	.03	.10	2
L1800E 1100N	1	35	49	487	.1	105	23	766	4.33	13	5	ND	5	21	1.4	2	3	59	.31	.123	5	98	1.01	287	.32	4	4.50	.02	.26	2
L1800E 1050N	1	20	139	453	.4	52	11	435	2.89	11	5	ND	6	14	1.3	2	4	34	.18	.138	7	30	.45	145	.23	6	3.94	.02	.12	1
L1800E 1000N	1	16	85	703	.4	36	8	744	2.36	8	5	ND	5	20	4.7	2	4	52	.27	.414	5	16	.21	220	.23	2	4.18	.03	.07	1
L1800E 950N	1	16	112	504	.3	41	9	799	2.58	11	5	ND	6	14	1.3	2	4	32	.17	.154	8	24	.44	194	.23	3	3.73	.02	.12	1
L1800E 900N	1	23	67	773	.2	50	10	907	2.65	6	5	ND	5	18	3.1	2	3	33	.21	.129	10	21	.42	337	.21	2	2.41	.02	.12	1
L1800E 850N	1	28	126	301	.3	45	13	352	3.00	3	5	ND	6	23	.9	2	3	39	.25	.137	6	16	.27	131	.26	5	5.21	.03	.08	2
L1800E 800N	2	50	499	558	.5	67	10	1092	4.50	22	5	ND	5	31	2.3	2	4	42	.27	.154	13	18	.35	229	.26	6	4.45	.03	.13	1
L1800E 750N	1	37	133	382	.1	60	18	1654	2.76	12	5	ND	4	35	1.3	2	3	40	.64	.069	8	45	.61	401	.21	2	2.24	.02	.16	1
STANDARD C	19	57	44	131	6.9	72	33	1045	4.00	38	18	6	38	51	18.6	15	19	57	.48	.090	36	59	.89	178	.09	34	1.89	.06	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L1800E 700N	1	36	56	251	.1	71	25	749	3.77	2	5	ND	3	18	.2	2	2	77	.50	.168	6	62	.89	311	.25	2	3.07	.02	.30	1
L1800E 650N	1	18	90	380	.4	43	9	539	2.44	12	5	ND	3	14	.4	2	2	34	.19	.084	7	28	.47	173	.20	3	3.17	.02	.11	1
L1800E 600N	1	19	101	357	.5	31	9	407	2.71	15	5	ND	4	12	.5	2	2	35	.16	.276	6	27	.44	174	.22	2	4.12	.02	.10	1
L1800E 550N	1	8	43	215	.1	95	17	767	3.27	3	5	ND	2	12	.2	2	2	60	.28	.053	5	162	1.52	185	.26	2	2.36	.01	.26	1
L1800E 500N	1	14	44	269	.1	31	10	1599	3.52	4	5	ND	4	55	.3	2	2	31	.46	.083	8	32	.98	343	.21	4	3.04	.03	.16	1
L1800E 450N	1	13	56	298	.1	23	6	951	2.03	14	5	ND	3	14	.4	2	2	26	.17	.308	6	20	.33	175	.20	2	3.25	.02	.08	1
L1800E 400N	1	17	170	235	.5	22	6	530	2.05	10	5	ND	3	11	.4	2	2	24	.18	.202	7	21	.31	119	.13	5	2.08	.02	.08	1
L1800E 350N	1	12	267	323	.7	9	5	1424	2.15	17	5	ND	1	57	2.2	2	2	11	11.33	.557	6	3	4.29	142	.02	8	.95	.01	.05	3
L1800E 300N	1	13	49	297	.1	20	7	1820	2.70	2	5	ND	3	19	.5	2	2	27	.82	.459	10	17	.57	310	.16	4	3.51	.02	.07	1
L1800E 250N	1	9	37	234	.2	23	6	682	2.48	2	5	ND	3	23	.3	2	2	26	.77	.173	11	17	.46	215	.18	6	2.96	.03	.09	1
L1800E 200N	1	18	92	315	.1	34	10	1731	3.67	5	5	ND	3	17	1.2	2	2	29	1.12	.164	15	33	1.08	228	.11	3	2.54	.02	.16	1
L1800E 150N	1	16	84	264	.2	35	10	1092	2.80	4	5	ND	5	15	.6	2	2	30	.50	.113	10	35	.81	246	.11	4	2.27	.01	.13	1
L1800E 100N	1	17	64	256	.2	40	9	869	2.55	8	5	ND	4	28	.4	2	2	27	.52	.421	11	31	.59	246	.20	5	4.02	.02	.11	1
L1800E 50N	2	15	105	353	.1	31	11	2742	5.12	9	5	ND	4	25	1.6	2	2	81	1.30	.285	15	40	1.69	413	.12	3	2.99	.02	.12	1
L1800E 0N	1	17	74	262	.1	37	9	864	2.89	3	5	ND	5	20	.5	2	3	32	.34	.121	12	39	.81	207	.20	4	3.49	.02	.15	1
L2000E 1400N	1	21	141	433	.4	43	11	1009	2.81	14	5	ND	4	14	1.3	2	2	36	.19	.148	6	31	.49	132	.21	3	4.14	.02	.10	1
L2000E 1350N	1	12	211	882	.9	33	9	942	2.52	27	5	ND	4	11	3.5	2	3	32	.15	.226	7	21	.30	161	.20	4	3.42	.02	.08	1
L2000E 1300N	1	22	145	944	.3	122	10	1045	3.07	14	5	ND	7	21	5.2	2	2	39	.82	.246	13	29	.93	266	.17	3	3.74	.03	.12	1
L2000E 1250N	1	32	115	834	.2	92	12	356	2.96	26	5	ND	3	16	2.0	2	2	47	.30	.141	6	36	.61	124	.19	3	3.60	.02	.08	1
L2000E 1200N	1	15	76	794	.4	39	9	861	2.10	18	5	ND	3	18	4.6	2	2	35	.21	.149	5	18	.30	206	.22	2	2.70	.02	.07	1
L2000E 1150N	1	16	103	539	.2	40	11	817	2.33	16	5	ND	3	19	1.4	2	2	35	.20	.072	6	22	.37	205	.21	2	2.22	.02	.08	1
L2000E 1100N	1	50	78	268	.4	65	14	412	2.96	7	5	ND	4	26	.7	2	2	33	.29	.097	7	19	.33	117	.19	3	3.12	.02	.07	1
L2000E 1050N	1	23	209	636	.7	42	10	917	2.80	36	5	ND	4	19	1.2	2	2	32	.23	.190	8	26	.47	196	.21	2	3.74	.02	.11	1
L2000E 1000N	23	35	95	218	1.6	16	4	1209	11.08	14	5	ND	3	139	.7	2	2	106	.24	.272	13	7	.18	533	.15	2	1.04	.03	.15	2
L2000E 950N	1	17	132	520	.2	41	15	675	3.02	12	5	ND	3	24	.6	2	2	36	.24	.141	6	28	.46	192	.22	3	2.93	.02	.12	1
L2000E 900N	1	71	86	349	.1	153	38	2059	3.82	15	5	ND	2	33	1.4	2	2	49	.64	.199	6	100	.79	454	.22	4	2.20	.02	.13	1
L2000E 850N	1	48	176	545	.2	57	15	561	3.08	33	5	ND	4	19	.6	2	2	42	.30	.090	8	49	.79	170	.21	2	2.49	.02	.15	1
L2000E 800N	1	24	189	485	.5	28	9	1673	2.34	23	5	ND	4	16	1.1	2	2	28	.22	.198	8	28	.50	191	.13	2	1.98	.02	.12	1
L2000E 750N	1	24	157	751	.7	35	9	1374	2.59	38	5	ND	4	16	3.5	2	2	30	.17	.936	6	25	.42	379	.21	2	3.53	.02	.12	1
L2000E 700N	1	24	99	272	.2	35	10	740	2.92	14	5	ND	4	19	.5	2	2	35	.20	.154	7	32	.68	221	.22	2	4.02	.03	.11	1
L2000E 650N	1	21	63	358	.4	41	9	485	2.13	12	5	ND	3	14	.7	2	3	32	.19	.106	8	31	.53	192	.20	2	2.74	.02	.13	2
L2000E 600N	1	15	80	529	1.0	20	6	512	2.04	20	5	ND	4	12	2.0	2	2	27	.12	.387	6	15	.21	158	.22	2	4.01	.02	.06	1
L2000E 550N	1	18	123	460	.8	27	7	880	2.14	18	5	ND	4	16	1.7	2	2	28	.22	.203	7	17	.33	284	.22	4	3.41	.02	.09	1
L2000E 500N	1	14	52	555	.1	21	7	1199	2.73	5	5	ND	4	16	1.1	2	2	24	.74	.244	9	14	.49	366	.10	3	1.96	.02	.09	1
L2000E 450N	1	13	81	816	.4	23	7	1650	3.08	6	5	ND	4	23	1.8	2	2	26	1.50	.366	12	16	.68	324	.10	9	2.23	.03	.13	1
RE L2000E 600N	1	16	85	499	1.0	19	6	496	1.94	18	5	ND	4	11	1.6	2	2	26	.12	.374	6	14	.20	153	.22	2	3.69	.02	.06	1
L2000E 400N	1	17	231	721	.3	31	8	763	2.93	34	5	ND	4	18	1.0	2	2	31	.31	.148	9	22	.56	260	.21	3	3.51	.02	.13	1
STANDARD C	18	58	37	122	6.9	65	31	972	3.87	37	16	6	37	49	18.4	16	19	56	.47	.083	37	57	.86	173	.08	34	1.84	.06	.14	12

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L2000E 350N	1	16	172	742	.2	28	9	1388	3.50	29	5	ND	4	13	.8	2	2	29	.25	.240	10	33	.62	291	.17	3	3.31	.04	.19	1
L2000E 300N	1	43	226	658	.1	33	12	561	3.22	27	5	ND	6	12	.4	2	2	33	.25	.072	18	41	1.01	182	.12	3	2.45	.02	.23	1
L2000E 250N	1	16	129	564	.1	24	9	601	3.04	26	5	ND	3	15	1.0	2	2	29	.37	.191	9	22	.45	256	.19	5	4.06	.04	.16	1
L2000E 200N	1	11	106	349	.1	21	8	689	2.41	5	5	ND	6	12	1.0	2	2	38	.42	.128	10	31	1.91	232	.14	5	3.49	.03	.13	1
L2000E 150N	1	14	151	622	.1	25	9	506	2.74	18	5	ND	5	13	1.0	2	2	34	.42	.117	10	29	1.15	202	.17	4	3.58	.04	.17	1
L2000E 100N	1	29	176	447	.1	34	11	428	3.35	33	5	ND	5	15	.7	2	2	36	.32	.185	10	34	.77	182	.17	3	4.72	.05	.19	1
L2000E 50N	1	5	59	178	.1	10	4	112	1.37	13	5	ND	2	7	.4	2	2	24	.17	.026	8	14	.23	55	.10	3	1.04	.03	.07	1
L2000E 0N	1	15	35	160	.1	117	31	385	6.29	4	5	ND	1	20	.2	2	2	67	.56	.020	3	211	1.69	164	.42	2	4.05	.02	.71	1
L2200E 1400N	1	23	154	497	.3	38	11	2157	2.91	8	5	ND	2	26	1.2	2	2	44	.34	.148	7	37	.63	403	.22	4	2.70	.05	.17	1
L2200E 1350N	1	37	95	445	.6	39	10	571	3.19	7	7	ND	5	25	.9	2	2	40	.24	.127	11	21	.49	174	.22	3	5.92	.05	.12	1
L2200E 1300N	1	36	98	411	.2	58	14	517	4.18	6	5	ND	4	36	.8	2	2	58	.39	.085	10	41	.92	210	.23	4	5.79	.06	.24	1
L2200E 1250N	1	35	243	631	.1	45	14	616	3.45	19	5	ND	4	16	.2	2	2	40	.24	.138	10	34	.67	147	.17	2	3.76	.02	.18	1
L2200E 1200N	1	65	63	265	.1	50	20	525	3.97	2	5	ND	3	107	.6	2	2	55	.90	.117	7	47	1.32	153	.18	2	4.84	.18	.18	1
L2200E 1150N	1	47	47	180	.1	49	15	502	2.25	6	5	ND	1	23	.4	2	2	36	.34	.052	3	53	.86	155	.17	2	2.18	.03	.17	1
L2200E 1100N	1	37	166	439	.2	48	18	1051	3.91	18	5	ND	3	23	.6	2	2	47	.29	.123	7	42	.71	207	.23	3	4.37	.03	.20	1
L2200E 1050N	1	39	77	405	1.1	30	8	658	2.66	35	7	ND	4	22	1.3	2	2	26	.36	.133	14	22	.29	112	.27	4	6.72	.05	.11	1
L2200E 1000N	1	16	131	729	.7	29	9	475	2.62	26	5	ND	4	11	2.0	2	2	33	.16	.119	8	24	.38	117	.20	2	4.52	.03	.11	1
L2200E 950N	1	11	104	426	.2	16	7	1410	1.83	20	5	ND	2	11	1.3	2	2	24	.16	.102	8	20	.29	171	.15	4	1.75	.02	.10	1
L2200E 900N	1	15	104	349	.4	27	10	1309	2.87	15	5	ND	5	12	1.3	2	2	45	.24	.065	9	30	1.30	140	.17	3	2.59	.03	.10	1
L2200E 850N	1	29	32	365	.1	35	18	1983	4.38	8	5	ND	3	90	1.5	2	2	46	1.04	.098	7	47	1.94	198	.19	3	4.81	.11	.26	2
L2200E 800N	1	29	170	753	.3	35	14	2163	3.37	23	5	ND	4	39	2.8	2	2	37	.46	.105	8	31	.85	278	.20	3	4.53	.05	.15	1
L2200E 750N	1	19	92	506	.3	24	9	1982	3.30	13	5	ND	6	22	2.5	2	2	32	1.39	.289	16	24	2.33	366	.15	7	3.90	.04	.15	2
L2200E 700N	2	18	517	1700	.5	25	7	539	3.96	23	5	ND	3	14	2.6	5	2	39	.39	.076	13	21	.33	232	.05	4	1.88	.02	.13	1
L2200E 650N	1	14	250	1284	.1	19	7	1595	3.41	19	5	ND	3	19	3.1	6	2	29	1.61	.245	10	21	.95	387	.12	5	2.47	.03	.11	1
RE L2200E 850N	1	31	37	394	.1	37	18	1989	4.60	7	5	ND	3	94	2.0	2	2	47	1.11	.106	7	49	2.00	213	.20	3	5.04	.12	.30	1
L2200E 600N	1	36	182	583	.2	32	12	1254	4.62	14	5	ND	8	18	2.6	2	2	35	1.67	.342	28	28	2.52	198	.07	4	3.14	.02	.20	1
L2200E 550N	1	27	120	346	.1	31	10	432	3.06	21	5	ND	5	14	1.0	2	2	34	.37	.098	8	29	1.13	169	.19	3	3.95	.03	.17	2
L2200E 500N	1	38	283	576	.6	35	11	940	3.31	43	5	ND	4	16	2.6	2	2	36	.33	.135	15	43	.98	239	.21	4	5.21	.05	.18	2
L2200E 450N	1	36	201	653	.2	34	11	487	3.12	45	5	ND	5	12	1.2	2	2	35	.26	.167	9	36	.85	186	.16	3	3.47	.02	.16	1
L2200E 400N	1	18	115	431	.2	24	8	363	2.31	30	5	ND	5	9	1.3	2	2	27	.21	.250	7	23	.50	127	.14	3	3.40	.02	.11	2
L2200E 350N	1	29	202	571	.5	35	10	352	2.72	46	5	ND	5	11	1.2	2	2	31	.23	.272	9	30	.75	136	.16	2	3.92	.02	.14	1
L2200E 300N	1	22	104	522	.2	36	12	288	2.60	16	5	ND	4	14	1.2	2	2	34	.34	.061	9	33	.76	142	.16	3	3.07	.03	.15	1
L2200E 250N	1	14	231	692	.7	27	9	190	2.14	13	5	ND	4	17	1.1	2	2	25	.86	.026	10	27	.49	94	.15	2	2.94	.04	.11	1
L2200E 200N	1	20	250	541	.3	25	9	912	2.79	45	5	ND	5	11	1.1	2	2	34	.27	.180	7	27	.70	163	.18	3	3.81	.02	.12	1
L2200E 150N	1	14	154	571	.3	28	10	1133	2.61	29	5	ND	5	12	1.5	2	3	32	.40	.223	8	29	.85	166	.18	3	3.22	.03	.12	2
L2200E 100N	1	56	149	500	.7	52	8	1775	2.89	32	6	ND	6	24	2.9	2	2	34	.41	.169	16	23	.40	132	.28	5	5.89	.05	.12	2
L2200E 50N	1	23	137	533	.5	27	9	535	2.91	21	5	ND	5	12	1.4	2	2	32	.17	.217	7	26	.48	166	.21	2	4.54	.03	.12	1
L2200E 0N	1	43	291	532	.1	45	12	727	3.26	21	5	ND	6	14	1.1	2	3	38	.32	.066	13	49	1.20	200	.16	3	2.85	.02	.15	1
STANDARD C	19	59	38	130	7.0	70	34	1055	3.96	41	18	7	38	48	18.7	15	19	55	.48	.090	38	58	.88	175	.09	32	1.91	.07	.16	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L2400E 1400N	1	25	275	858	.5	48	12	1292	3.23	8	5	ND	5	41	2.0	2	3	39	.39	.090	12	28	.48	329	.23	5	4.58	.04	.13	1
L2400E 1350N	1	15	203	497	.5	25	8	1148	2.23	18	5	ND	5	18	1.6	2	2	28	.24	.496	8	19	.28	256	.21	2	3.05	.02	.09	1
L2400E 1300N	1	78	256	806	.1	46	20	683	4.18	56	5	ND	6	13	.8	2	2	64	.31	.096	6	53	1.19	193	.25	4	3.44	.02	.22	1
L2400E 1250N	1	28	185	545	.6	34	11	1423	2.76	27	5	ND	6	14	1.2	2	2	35	.17	.193	6	25	.43	163	.21	4	4.10	.02	.09	1
L2400E 1200N	1	18	111	418	.2	28	9	677	2.97	13	5	ND	5	20	.9	2	2	33	.22	.078	7	23	.59	172	.22	2	4.17	.02	.09	1
L2400E 1150N	1	18	121	841	.4	30	10	3070	2.83	27	5	ND	5	21	4.0	2	2	34	.23	.369	8	21	.31	309	.23	3	3.22	.02	.09	1
L2400E 1100N	1	45	219	515	.2	41	14	944	4.43	13	5	ND	5	19	.7	2	2	43	.41	.071	9	40	2.54	125	.24	2	4.76	.02	.14	3
L2400E 1050N	1	24	217	802	.1	22	8	1220	1.98	15	5	ND	4	17	1.0	2	2	25	.40	.106	8	25	.94	138	.11	3	1.91	.02	.09	1
L2400E 1000N	1	25	88	375	.1	31	9	906	3.75	4	5	ND	4	18	.6	2	2	43	.67	.137	13	25	1.73	187	.22	2	3.65	.03	.12	1
L2400E 950N	1	24	128	489	.1	32	8	563	2.65	11	5	ND	5	15	.7	2	2	30	.59	.140	10	26	.83	179	.14	2	2.44	.02	.11	1
L2400E 900N	1	20	130	520	.2	36	11	321	2.88	8	5	ND	5	14	.6	2	2	38	.29	.083	7	29	.65	148	.23	6	3.34	.02	.10	1
L2400E 850N	1	15	171	411	.2	26	8	771	2.91	17	5	ND	4	15	1.0	2	2	33	.30	.184	8	21	.41	169	.23	5	4.75	.03	.10	1
L2400E 800N	1	27	174	503	.1	38	10	1360	7.10	14	5	ND	4	19	1.4	2	2	43	1.29	.440	13	19	.83	332	.13	8	2.67	.02	.12	1
L2400E 750N	1	17	114	366	.2	36	14	1249	3.89	9	5	ND	5	17	.6	2	2	41	.37	.146	7	28	.80	245	.22	6	3.63	.03	.12	1
L2400E 700N	1	23	89	497	.1	32	9	1523	2.14	11	5	ND	5	12	.6	2	2	28	.24	.057	11	33	.67	194	.14	2	1.81	.02	.17	1
L2400E 650N	1	48	312	542	.3	43	12	1101	3.33	28	5	ND	6	18	1.0	2	2	39	.52	.136	11	42	1.28	209	.21	7	3.67	.03	.16	1
L2400E 600N	1	17	163	567	.3	32	9	1277	2.87	26	5	ND	5	13	1.2	2	2	36	.29	.251	8	30	.82	199	.21	3	3.34	.02	.13	1
L2400E 550N	1	21	178	524	.5	29	10	634	2.88	40	5	ND	4	13	1.3	2	2	36	.18	.462	5	25	.43	158	.22	2	3.87	.02	.11	2
RE L2400E 750N	1	16	108	340	.3	33	13	1147	3.56	8	5	ND	4	16	.5	2	2	39	.35	.134	7	27	.76	208	.22	6	3.31	.02	.11	1
L2400E 500N	1	29	278	479	.4	36	11	1603	2.65	22	5	ND	4	16	1.3	2	2	34	.36	.124	9	35	.66	145	.19	2	2.94	.02	.12	1
L2400E 450N	1	42	148	353	.5	35	10	347	2.66	16	5	ND	5	15	.5	2	2	36	.25	.122	9	32	.70	134	.22	3	4.30	.02	.16	1
L2400E 400N	1	39	623	677	1.1	32	10	607	3.12	312	5	ND	5	11	1.1	2	5	35	.29	.200	8	33	.72	145	.20	2	3.44	.02	.11	1
L2400E 350N	1	24	114	364	.7	22	7	492	2.67	27	5	ND	5	17	1.4	2	2	30	.94	.174	11	23	.60	100	.23	4	4.95	.03	.05	1
L2400E 300N	1	23	172	433	1.0	30	8	567	2.84	21	5	ND	4	11	1.0	2	3	36	.19	.140	7	27	.48	157	.23	2	4.62	.02	.11	3
L2400E 250N	1	20	207	436	.3	32	10	285	3.13	14	5	ND	5	10	.6	2	2	37	.20	.093	7	32	.62	145	.22	3	4.23	.02	.09	2
L2400E 200N	1	22	138	261	.3	25	8	429	2.76	17	5	ND	4	13	.5	2	2	35	.25	.180	7	22	.43	128	.25	6	5.57	.02	.06	1
L2400E 150N	1	18	95	415	.2	28	9	271	2.83	29	5	ND	5	9	.6	2	2	37	.28	.473	6	28	.86	136	.20	2	4.31	.01	.08	2
L2400E 100N	1	21	108	346	.5	34	11	594	3.37	16	5	ND	5	14	1.1	3	3	36	.51	.443	10	26	.52	212	.22	5	4.17	.02	.09	2
L2400E 50N	1	17	141	487	.7	23	5	1485	2.03	19	5	ND	3	33	2.3	2	2	23	.92	.108	8	19	.31	99	.23	2	4.01	.04	.09	1
L2400E 0N	1	26	170	430	.3	34	9	606	2.80	20	5	ND	5	16	.7	2	3	36	.22	.206	7	28	.58	136	.23	4	3.90	.02	.11	1
STANDARD C	18	59	43	132	6.9	73	34	1057	3.96	43	16	7	37	53	18.8	14	19	56	.49	.091	37	58	.89	177	.09	35	1.90	.05	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ARC
Soils

GEOCHEMICAL ANALYSIS CERTIFICATE

Kokanee Explorations Ltd. File # 91-5420 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1400E 3400N	1	53	116	295	.1	44	13	453	3.34	7	5	ND	3	16	.4	2	2	45	.42	.097	7	64	1.54	147	.24	2	3.15	.01	.30	1
1400E 3350N	1	47	47	262	.1	49	14	1416	3.17	2	5	ND	1	29	.4	2	4	42	.71	.089	6	60	1.65	414	.25	4	3.10	.01	.32	1
1400E 3300N	1	39	48	271	.1	46	15	1742	3.04	4	5	ND	1	30	.9	2	2	40	.72	.092	5	58	1.53	442	.25	3	2.92	.02	.31	1
1400E 3250N	1	42	119	274	.6	35	11	343	3.00	8	5	ND	3	15	.3	2	2	40	.22	.094	7	35	.62	156	.27	7	5.92	.02	.09	1
1400E 3200N	1	22	82	386	.1	31	10	1156	1.95	9	5	ND	2	23	.9	2	2	28	.36	.055	7	31	.72	156	.17	4	2.31	.02	.13	1
1400E 3150N	1	22	132	881	.6	32	8	1064	2.09	25	5	ND	3	12	2.3	2	2	27	.19	.153	8	23	.36	146	.17	6	3.15	.02	.09	1
1400E 3100N	1	19	50	467	.1	22	8	1047	2.60	9	5	ND	2	12	1.1	2	2	35	.25	.153	7	33	1.12	140	.26	3	2.62	.02	.14	1
1400E 3050N	1	20	205	918	.9	25	7	1829	1.88	14	5	ND	3	12	4.4	2	3	26	.14	.192	7	15	.22	164	.20	2	2.83	.02	.08	1
RE 1400E 2800N	1	25	207	911	1.7	57	9	334	2.62	19	5	ND	4	14	1.6	2	2	30	.24	.063	9	31	.55	228	.16	5	3.25	.02	.14	1
1400E 3000N	1	14	200	778	1.0	37	7	651	1.99	28	5	ND	3	16	1.7	2	2	25	.21	.110	9	20	.30	161	.16	3	2.78	.02	.08	1
1400E 2950N	1	26	221	782	1.9	30	6	862	2.33	35	5	ND	3	15	3.2	2	6	30	.19	.291	6	18	.30	123	.23	4	4.55	.02	.07	3
1400E 2900N	1	18	204	781	1.0	37	7	633	2.03	32	5	ND	3	16	1.6	2	4	25	.20	.119	8	20	.30	159	.16	4	2.90	.02	.08	1
1400E 2850N	1	22	202	520	.9	38	9	364	2.66	16	5	ND	5	16	.9	2	2	30	.21	.072	12	28	.47	181	.17	3	4.05	.02	.10	1
1400E 2800N	1	26	206	899	1.7	59	9	324	2.60	19	5	ND	4	14	1.5	2	2	30	.23	.061	10	31	.55	230	.16	3	3.20	.02	.14	1
1400E 2750N	1	11	152	477	.5	31	7	1152	1.96	23	5	ND	2	18	2.0	2	2	27	.29	.107	8	23	.33	155	.15	2	2.27	.02	.13	1
1400E 2700N	1	43	188	467	.3	38	10	371	2.73	24	5	ND	4	16	.6	2	2	30	.27	.054	11	35	.73	147	.15	5	3.15	.02	.11	1
1400E 2650N	1	17	100	448	.1	24	8	929	2.44	16	5	ND	3	20	1.1	2	2	32	.42	.042	9	29	.80	167	.17	4	2.21	.02	.16	1
1400E 2600N	1	37	130	615	1.0	40	8	449	2.02	30	5	ND	3	12	1.4	2	2	26	.20	.077	9	32	.53	175	.13	3	2.34	.02	.10	1
1400E 2550N	1	524	463	685	7.7	145	13	516	3.39	18	5	ND	6	45	.8	2	3	40	1.18	.037	89	111	.61	344	.18	2	5.95	.02	.22	1
1400E 2500N	1	64	165	524	.1	34	10	544	2.69	48	5	ND	5	12	.7	2	2	30	.18	.080	13	37	.59	121	.10	2	2.13	.01	.10	1
1400E 2450N	1	15	150	484	.4	28	9	877	2.34	17	5	ND	3	9	1.1	2	2	31	.11	.081	7	21	.27	147	.20	5	2.90	.02	.08	1
1400E 2400N	1	26	66	251	.2	42	11	685	2.74	6	5	ND	3	17	.4	2	3	36	.27	.081	7	42	.60	197	.24	5	3.21	.02	.12	1
1400E 2350N	1	25	94	191	.1	32	8	351	2.95	7	5	ND	4	14	.2	2	4	36	.20	.106	12	25	.41	162	.25	2	5.53	.02	.09	1
1400E 2300N	1	18	79	369	.1	32	10	453	2.47	11	5	ND	3	12	.3	2	2	30	.18	.158	10	29	.47	195	.18	2	2.60	.02	.12	1
1400E 2250N	1	54	101	243	.2	39	9	361	2.82	9	5	ND	4	16	.3	2	3	35	.32	.086	11	38	.66	150	.24	2	3.87	.02	.16	1
1400E 2200N	1	28	70	267	.1	46	10	459	2.50	11	5	ND	3	15	.4	2	2	32	.24	.059	8	43	.66	150	.20	3	3.12	.02	.13	1
1400E 2150N	1	45	74	204	.1	58	14	415	2.76	4	5	ND	2	17	.6	2	3	40	.39	.074	6	62	1.00	151	.25	3	2.81	.03	.22	1
1400E 2100N	1	44	69	193	.2	46	12	302	2.97	4	5	ND	4	15	.5	2	2	40	.32	.071	9	41	.71	131	.24	4	3.58	.02	.14	1
1400E 2050N	1	22	50	153	.1	29	9	400	2.56	3	5	ND	3	12	.2	2	2	35	.21	.051	9	35	.72	120	.18	2	2.42	.02	.11	1
1400E 2000N	1	38	59	179	.1	36	12	670	2.53	9	5	ND	3	15	.2	2	3	34	.18	.079	8	32	.56	306	.20	2	2.98	.02	.13	1
1400E 1950N	1	24	67	234	.2	31	8	619	2.42	16	5	ND	4	12	.2	2	4	32	.17	.070	9	32	.48	182	.21	3	3.65	.02	.10	1
1400E 1900N	1	12	44	252	.2	33	9	669	2.50	6	5	ND	3	21	.6	2	4	31	.28	.108	7	21	.29	196	.25	4	4.07	.02	.10	1
1400E 1850N	1	106	33	195	.1	46	15	703	2.55	5	5	ND	2	20	.8	2	3	40	.42	.049	6	37	.78	189	.27	2	2.09	.02	.21	1
1400E 1800N	1	9	45	133	.1	9	5	332	1.86	4	5	ND	3	11	.3	2	4	34	.10	.019	9	18	.13	111	.15	2	1.40	.02	.07	1
1400E 1750N	1	13	48	218	.2	27	7	501	2.23	5	5	ND	4	14	.7	2	2	29	.14	.053	10	22	.30	159	.20	4	3.79	.02	.08	1
1400E 1700N	1	9	61	314	.4	34	7	995	1.94	13	5	ND	3	30	.5	2	4	27	.26	.152	7	19	.22	174	.22	3	3.16	.03	.09	1
1400E 1650N	1	12	45	301	.2	33	7	773	2.19	10	5	ND	3	17	.6	2	3	28	.15	.146	7	27	.30	155	.20	3	3.62	.02	.10	1
STANDARD C	18	58	39	132	7.5	70	33	1048	3.99	41	15	7	37	51	18.8	16	19	55	.48	.091	36	58	.88	178	.09	31	1.88	.05	.15	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 7 1991 DATE REPORT MAILED: Nov 12/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1400E 1600N	1	14	52	285	.1	28	7	628	2.23	14	5	ND	4	30	.3	2	3	27	.38	.494	6	17	.29	334	.20	2	3.85	.02	.09	1
1400E 1550N	1	32	37	313	.8	28	7	312	2.52	4	5	ND	4	26	.2	2	4	33	.27	.148	12	19	.41	184	.25	5	4.83	.02	.10	1
1400E 1500N	1	11	27	186	.1	22	7	1384	2.00	4	5	ND	2	38	.5	2	2	28	.43	.073	8	14	.37	388	.17	4	2.95	.02	.13	1
1400E 1450N	2	14	21	142	.1	20	6	466	2.57	2	5	ND	3	27	.2	2	3	33	.23	.069	8	19	.43	163	.24	3	4.16	.02	.14	1
1600E 3400N	1	14	27	166	.1	22	8	813	3.00	3	5	ND	3	14	.2	2	2	40	.30	.075	8	26	.93	196	.26	4	4.28	.02	.10	1
1600E 3350N	1	16	46	125	.2	24	9	906	2.57	2	5	ND	3	13	.2	2	3	35	.19	.076	7	22	.50	237	.26	3	5.75	.02	.07	1
1600E 3300N	2	291	57	154	.1	86	27	859	3.87	4	5	ND	2	21	.2	2	2	66	.52	.083	5	59	1.28	202	.30	4	3.51	.02	.25	1
1600E 3250N	1	25	39	149	.1	28	9	1002	2.85	2	5	ND	3	15	.2	2	4	39	.23	.128	5	17	.38	252	.27	6	5.83	.02	.09	1
1600E 3200N	1	68	20	126	.1	40	15	490	3.53	2	5	ND	4	18	.4	2	3	50	.66	.065	12	55	2.10	117	.27	3	3.55	.01	.32	1
1600E 3150N	1	44	67	218	.2	21	13	603	2.31	8	5	ND	2	18	1.0	2	3	31	.52	.211	5	18	.52	230	.24	4	2.28	.02	.09	1
1600E 3100N	2	44	48	260	.2	68	13	337	3.11	6	5	ND	3	19	.9	2	2	43	.43	.083	5	15	.22	142	.30	5	5.52	.03	.07	1
1600E 3050N	2	17	128	646	.1	31	11	393	2.90	17	5	ND	3	11	.7	2	4	36	.24	.059	8	31	.58	138	.18	2	2.96	.01	.09	1
1600E 3000N	2	25	309	687	.5	36	9	584	2.90	51	5	ND	3	11	.8	2	2	35	.17	.287	7	26	.36	136	.20	2	3.67	.02	.08	1
1600E 2950N	1	43	149	485	.1	38	11	565	2.93	24	5	ND	3	14	.5	2	2	39	.26	.104	8	34	.85	176	.21	2	3.60	.01	.11	1
1600E 2900N	1	20	218	846	1.0	41	8	915	2.48	20	5	ND	4	16	2.6	2	3	33	.23	.120	8	23	.38	153	.25	4	4.46	.02	.11	1
1600E 2850N	2	15	168	845	1.8	32	9	986	2.62	15	5	ND	3	13	2.2	2	2	33	.16	.161	5	25	.29	108	.26	4	5.39	.02	.07	1
1600E 2800N	3	48	68	660	.6	65	24	231	5.87	24	5	ND	1	17	.5	2	2	71	.44	.038	3	117	1.53	61	.36	2	3.54	.01	.14	1
1600E 2750N	4	183	839	2115	2.7	268	13	2692	4.39	40	5	ND	5	34	6.7	2	2	47	.66	.046	26	55	.59	425	.18	2	4.38	.03	.16	1
1600E 2700N	2	55	864	1315	.9	37	9	607	2.64	107	5	ND	5	14	2.5	2	2	29	.35	.100	11	30	.46	97	.12	4	2.03	.01	.12	1
1600E 2650N	1	23	261	606	.2	27	9	1226	2.25	38	5	ND	3	11	1.5	2	3	29	.20	.109	9	29	.49	138	.13	3	2.20	.01	.09	1
1600E 2600N	1	32	151	517	.3	32	9	300	2.36	35	5	ND	4	9	.8	2	3	32	.16	.032	10	33	.70	103	.15	2	2.28	.01	.10	1
1800E 3400N	1	32	88	291	.1	27	10	585	2.01	14	5	ND	3	12	.5	2	2	30	.26	.024	11	40	1.05	129	.16	2	1.91	.01	.16	1
1800E 3350N	1	19	48	283	.1	27	9	943	2.73	13	5	ND	2	20	1.0	2	3	36	.51	.107	5	31	1.44	238	.25	2	3.01	.01	.26	1
1800E 3300N	2	35	245	1102	.6	61	10	704	3.32	25	5	ND	4	17	2.4	2	3	41	.48	.100	8	41	.62	144	.28	5	5.57	.03	.12	1
1800E 3250N	1	21	48	592	.1	24	9	2559	2.22	5	5	ND	1	19	2.1	2	2	28	.38	.062	7	23	1.21	402	.21	2	2.52	.02	.16	1
1800E 3200N	1	57	231	777	.4	65	12	606	3.40	24	5	ND	4	21	1.1	2	5	42	.36	.156	8	40	.68	339	.25	2	4.47	.02	.16	1
1800E 3150N	2	22	232	567	.4	46	10	1425	2.74	18	5	ND	3	14	.9	2	2	32	.23	.085	8	34	.53	316	.19	2	3.27	.02	.16	1
1800E 3100N	2	7	161	647	.2	36	9	1188	2.43	7	5	ND	2	18	1.1	2	2	34	.29	.028	6	16	.32	327	.28	2	2.58	.02	.10	1
RE 1800E 3300N	2	35	224	1019	.6	56	9	647	3.08	22	5	ND	4	16	2.1	2	3	37	.42	.093	7	37	.56	136	.27	4	4.92	.03	.12	1
1800E 3050N	2	75	122	480	.2	31	9	342	2.94	108	5	ND	3	17	.7	2	5	34	.32	.126	6	32	.95	135	.23	2	3.80	.02	.13	1
1800E 3000N	1	32	110	518	.5	46	10	338	2.50	11	5	ND	3	16	.9	2	5	36	.29	.093	10	51	.85	199	.25	2	3.31	.02	.17	1
1800E 2950N	1	111	136	232	.3	42	13	760	3.02	12	5	ND	3	34	.6	2	3	39	.71	.078	9	38	1.31	124	.23	2	3.58	.01	.18	1
1800E 2900N	1	19	53	251	.3	29	8	592	2.78	6	5	ND	3	17	.2	2	3	36	.23	.518	6	20	.42	332	.26	2	4.57	.02	.08	1
1800E 2850N	1	39	118	280	.1	51	11	1269	2.82	8	5	ND	3	13	.2	2	2	37	.20	.104	8	37	.72	232	.24	2	3.49	.02	.13	1
1800E 2800N	1	21	170	249	.4	30	9	303	2.67	6	5	ND	3	16	.2	2	2	35	.21	.097	7	22	.36	149	.27	2	5.71	.02	.10	1
1800E 2750N	1	24	82	580	.1	26	10	2109	2.42	6	5	ND	2	22	2.3	2	4	33	.40	.131	8	36	.88	283	.19	2	2.68	.02	.19	1
1800E 2700N	1	38	106	373	.1	38	11	521	2.80	14	5	ND	3	12	.2	2	3	36	.24	.044	9	38	1.00	164	.19	2	3.07	.01	.12	1
STANDARD C	20	60	43	131	6.9	69	33	1048	3.95	41	17	6	35	52	18.7	16	21	55	.48	.089	36	58	.88	176	.09	34	1.87	.05	.15	12

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1800E 2650N	1	32	145	311	.1	52	11	226	2.66	8	5	ND	3	11	.2	2	2	34	.21	.055	8	48	.75	121	.22	2	3.62	.01	.08	1
1800E 2600N	1	13	69	896	.2	21	9	349	2.70	14	5	ND	3	10	1.2	2	3	33	.15	.245	4	19	.26	99	.24	3	4.85	.02	.06	1
1800E 2550N	1	13	49	959	.1	15	8	814	2.67	9	5	ND	2	16	1.5	2	2	27	.29	.401	6	22	.96	196	.24	3	3.51	.02	.08	1
1800E 2500N	1	17	13	981	.1	21	6	511	2.29	6	5	ND	2	12	1.2	2	3	26	.27	.112	4	22	1.11	103	.24	5	3.54	.02	.07	1
1800E 2450N	1	27	146	477	.1	33	10	505	2.53	10	5	ND	3	12	.7	2	2	33	.17	.073	9	30	.56	166	.23	4	4.06	.02	.07	1
1800E 2400N	1	23	202	433	.7	40	10	529	2.64	13	5	ND	3	13	.7	2	2	34	.18	.100	8	31	.50	140	.25	2	4.91	.02	.08	1
1800E 2350N	1	23	245	665	.6	32	10	500	2.91	46	5	ND	4	12	.7	2	2	33	.23	.208	8	25	.38	161	.18	4	4.39	.01	.08	1
1800E 2300N	1	34	172	660	.1	37	11	619	2.71	24	5	ND	3	21	.9	2	2	27	.44	.703	7	29	.62	445	.15	3	2.95	.01	.09	1
1800E 2250N	1	51	238	514	.4	46	12	636	2.82	17	5	ND	4	19	1.3	2	2	35	.34	.116	7	32	.59	199	.19	5	3.46	.02	.14	1
1800E 2200N	1	13	173	478	.1	21	9	1330	1.71	11	5	ND	2	15	1.3	2	2	24	.24	.028	10	23	.59	226	.12	2	1.59	.01	.09	1
1800E 2150N	1	6	64	203	.1	9	3	175	.98	10	5	ND	3	9	.9	2	2	19	.17	.009	10	15	.23	48	.08	2	.59	.01	.07	1
1800E 2100N	1	7	116	368	.6	11	5	1661	1.26	11	5	ND	1	16	1.9	2	2	22	.25	.023	8	13	.13	89	.11	3	1.19	.01	.05	1
1800E 2050N	1	18	134	908	1.5	26	7	1013	2.01	21	5	ND	3	14	3.7	2	2	27	.19	.095	8	16	.26	140	.20	2	3.60	.02	.07	1
1800E 2000N	1	22	221	624	.3	27	8	1562	2.34	33	5	ND	3	14	1.5	2	2	30	.24	.229	8	24	.42	157	.16	3	2.58	.01	.08	1
2000E 2900N	1	30	130	646	.2	31	9	349	1.92	18	5	ND	3	11	.8	2	2	27	.25	.075	8	27	.60	126	.15	3	2.05	.01	.10	1
2000E 2850N	1	44	85	293	.1	45	10	513	3.07	12	5	ND	4	18	.4	2	2	39	.32	.166	8	36	.71	179	.20	2	4.52	.02	.12	1
2000E 2800N	1	41	260	1610	.3	56	11	722	2.91	33	5	ND	3	17	2.5	2	3	35	.35	.136	8	40	.80	212	.23	2	3.29	.02	.14	1
2000E 2750N	1	41	168	1121	.7	115	8	1127	2.59	13	5	ND	3	28	4.5	2	2	25	.73	.039	11	26	.28	147	.23	3	3.96	.03	.08	1
2000E 2700N	1	15	60	572	.1	42	11	1010	1.89	8	5	ND	2	19	.8	2	2	30	.37	.020	7	50	.75	160	.18	2	1.95	.02	.10	1
RE 2000E 2900N	1	30	128	624	.2	29	9	336	1.88	18	5	ND	3	11	.8	2	3	26	.24	.072	8	28	.58	123	.15	4	1.96	.01	.10	1
2000E 2650N	1	36	207	436	.7	51	8	283	2.95	27	5	ND	3	17	.8	2	3	41	.34	.050	9	36	.46	151	.22	2	3.60	.01	.08	1
2000E 2600N	1	62	47	562	.3	35	14	369	3.60	10	5	ND	2	10	.5	2	2	56	.24	.123	5	46	.85	157	.30	3	3.34	.02	.17	1
2000E 2550N	1	17	83	327	.1	19	8	1000	1.71	10	5	ND	2	12	.5	2	2	28	.23	.064	7	22	.43	156	.16	3	1.60	.01	.08	1
2000E 2500N	1	8	44	260	.2	7	6	3076	.92	6	5	ND	1	10	2.2	2	2	19	.20	.040	7	9	.19	183	.08	2	.65	.01	.04	1
2000E 2450N	1	39	179	367	.2	39	10	413	2.71	10	5	ND	3	11	.6	2	2	36	.19	.071	8	37	.68	149	.25	2	4.22	.02	.09	1
2000E 2400N	1	15	125	364	.2	24	11	1735	2.62	2	5	ND	3	12	.3	2	2	35	.16	.082	8	23	.48	251	.25	3	3.20	.02	.09	1
2000E 2350N	1	32	205	624	.1	40	14	913	3.26	17	5	ND	4	14	.5	2	2	47	.32	.097	11	51	1.22	264	.25	2	2.83	.01	.26	1
2000E 2300N	1	47	122	403	.1	52	15	722	3.22	6	5	ND	3	12	.5	2	3	51	.27	.056	10	58	1.32	300	.24	2	2.80	.01	.22	1
2000E 2250N	1	32	124	352	.1	53	14	528	3.16	5	5	ND	3	15	.3	2	3	44	.26	.055	7	37	.82	430	.24	3	3.41	.02	.19	1
2000E 2200N	1	31	103	427	.3	47	13	594	3.18	34	5	ND	4	12	.2	2	2	45	.19	.067	10	42	.85	329	.28	4	3.74	.02	.14	2
2000E 2150N	1	166	149	427	1.1	40	9	300	3.12	13	5	ND	5	14	1.0	2	2	39	.22	.087	8	33	.55	217	.29	4	5.68	.03	.18	1
2000E 2100N	1	29	232	793	.6	38	11	569	3.01	27	5	ND	3	15	1.1	2	3	36	.24	.050	7	29	.57	368	.26	5	3.33	.02	.14	1
2000E 2050N	1	15	165	659	.6	28	8	1073	2.09	15	5	ND	3	14	1.9	2	3	29	.15	.081	7	17	.28	311	.26	6	2.32	.02	.09	1
2000E 2000N	1	23	140	775	.8	36	8	825	2.44	17	5	ND	3	19	1.4	2	2	33	.22	.130	5	18	.36	246	.25	9	4.43	.02	.11	1
2000E 1950N	1	23	236	572	.7	25	8	1222	2.90	37	5	ND	4	16	2.1	2	3	34	.24	.308	8	18	.35	268	.27	3	4.26	.02	.07	1
2000E 1900N	1	28	236	950	1.0	30	9	1638	2.67	39	5	ND	3	16	3.3	2	2	35	.22	.274	8	27	.47	180	.25	2	3.96	.02	.14	1
2000E 1850N	1	18	157	692	.6	25	9	679	2.09	29	5	ND	3	12	1.4	2	2	28	.18	.231	7	24	.36	135	.13	2	2.35	.01	.07	1
STANDARD C	19	60	39	132	7.0	70	33	1054	3.92	41	17	7	37	51	18.9	16	20	55	.48	.090	36	58	.88	176	.09	35	1.87	.05	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
2000E 1800N	1	47	230	492	.2	37	12	570	2.74	32	5	ND	4	15	1.0	2	2	33	.37	.115	15	33	.74	137	.10	3	1.91	.02	.15	1
2000E 1750N	1	20	171	807	.8	28	9	1202	2.58	27	5	ND	3	13	3.3	2	2	30	.18	.210	10	19	.40	220	.19	3	3.76	.03	.08	1
2000E 1700N	1	39	237	530	.1	34	9	352	2.36	31	5	ND	5	13	.8	2	2	27	.35	.096	13	29	.66	108	.10	5	2.01	.01	.09	1
2000E 1650N	1	14	206	622	.4	36	9	1477	3.26	17	5	ND	4	17	1.9	2	3	34	.71	.226	12	28	.28	222	.14	3	2.88	.02	.10	1
2000E 1600N	1	18	201	599	.1	35	11	433	2.93	19	5	ND	4	11	1.1	2	2	32	.25	.088	8	29	.65	137	.16	4	3.33	.02	.09	1
2000E 1550N	2	38	370	686	1.2	87	13	390	3.73	27	5	ND	6	22	1.3	2	2	29	.33	.070	18	22	.37	108	.21	2	5.56	.03	.09	1
2000E 1500N	1	17	143	435	.5	35	10	1180	2.70	20	5	ND	4	17	1.7	5	2	30	.18	.251	7	18	.30	172	.18	2	3.36	.02	.08	1
2000E 1450N	2	56	104	294	.1	50	14	769	3.15	15	5	ND	3	28	1.5	2	2	33	.40	.126	8	18	.35	138	.14	3	2.88	.03	.06	1
2200E 2900N	1	48	187	463	.1	63	14	978	3.06	15	5	ND	3	28	1.6	2	2	41	.75	.130	14	41	.95	138	.10	2	1.86	.02	.14	1
2200E 2850N	1	37	164	714	.1	56	16	1590	3.18	11	5	ND	2	24	1.8	2	2	47	.54	.093	9	41	.98	163	.13	7	1.91	.02	.17	1
2200E 2800N	1	45	174	617	.1	58	15	770	3.08	17	5	ND	3	20	1.2	2	2	42	.55	.117	10	41	.97	110	.13	2	1.85	.02	.18	1
2200E 2750N	1	89	92	1511	.1	124	23	1267	5.02	5	5	ND	2	21	3.3	2	2	61	.73	.199	9	57	1.75	187	.28	2	3.16	.02	.59	1
2200E 2700N	1	115	138	1644	.1	139	24	1649	5.19	10	5	ND	3	21	5.0	2	2	60	.68	.192	17	60	1.68	207	.28	2	3.44	.02	.54	1
2200E 2650N	1	18	118	534	.4	41	11	598	2.68	21	5	ND	3	16	1.8	5	2	30	.22	.318	6	23	.34	144	.20	5	4.68	.02	.08	1
2200E 2600N	1	31	100	464	.1	31	15	1840	2.52	12	5	ND	1	23	1.7	2	2	37	.60	.088	10	37	.76	195	.09	2	1.52	.02	.14	1
2200E 2550N	1	34	173	335	.1	40	14	1829	2.92	16	5	ND	2	26	2.8	2	3	36	.92	.168	13	34	.65	195	.09	3	1.40	.01	.14	1
2200E 2500N	1	27	243	617	.2	45	11	359	2.69	40	5	ND	4	20	1.4	2	3	35	.30	.207	6	29	.47	162	.17	2	4.28	.02	.08	1
2200E 2450N	4	40	115	494	.1	80	20	1813	3.00	14	5	ND	1	31	2.1	2	2	50	.54	.081	7	27	.47	199	.10	2	1.97	.02	.08	1
2200E 2400N	1	28	195	631	.2	40	13	861	2.55	24	5	ND	4	14	1.8	2	2	32	.25	.129	10	34	.55	149	.13	2	2.30	.02	.08	1
RE 2200E 2600N	1	31	94	448	.1	31	15	1795	2.48	13	5	ND	1	22	1.6	2	2	36	.59	.088	10	38	.75	184	.09	4	1.45	.02	.14	1
2200E 2350N	2	49	40	332	.1	60	17	487	3.48	12	5	ND	5	35	1.3	2	2	48	.31	.107	11	31	.65	108	.21	2	5.34	.04	.06	1
2200E 2300N	1	29	114	413	.2	41	12	861	2.83	20	5	ND	3	18	1.7	2	2	31	.24	.199	6	19	.29	125	.18	4	3.67	.02	.07	1
2200E 2250N	1	30	203	489	.2	45	13	843	2.86	20	5	ND	5	15	1.3	2	2	33	.21	.162	9	32	.53	165	.18	2	3.33	.02	.09	1
2200E 2200N	1	23	264	445	.3	33	12	1616	2.71	22	5	ND	3	13	1.5	2	2	32	.20	.096	10	29	.46	198	.15	2	2.33	.02	.10	1
2200E 2150N	1	16	198	684	.2	41	10	1474	2.58	14	5	ND	3	15	2.6	2	2	29	.19	.086	8	24	.39	205	.16	2	2.33	.02	.10	2
2200E 2100N	4	50	173	405	.3	55	13	516	5.03	12	5	ND	5	25	1.7	2	2	68	.29	.095	9	29	.48	136	.20	4	4.22	.03	.11	1
2200E 2050N	1	44	234	460	.1	48	12	669	2.32	18	5	ND	4	17	.5	2	2	30	.25	.042	10	46	.73	136	.12	2	1.96	.01	.08	1
2200E 2000N	8	44	67	216	.4	25	9	1093	7.50	11	5	ND	4	54	1.1	2	2	79	.30	.123	14	22	.53	227	.12	2	1.32	.02	.10	1
2200E 1950N	1	37	208	389	.7	47	12	675	2.78	14	5	ND	5	27	1.4	2	2	30	.29	.095	9	19	.34	136	.20	4	4.61	.03	.08	1
2200E 1900N	1	29	194	518	.5	63	12	389	2.70	24	5	ND	4	17	1.4	2	4	32	.24	.070	10	29	.55	206	.20	2	3.68	.02	.12	1
2200E 1850N	1	39	236	441	.1	98	17	465	2.49	29	5	ND	4	16	1.0	2	2	29	.27	.193	7	67	.68	148	.15	2	2.42	.02	.12	1
2200E 1800N	1	28	217	497	.1	69	14	772	2.31	26	5	ND	3	17	.9	2	2	27	.27	.105	9	29	.50	146	.11	2	1.77	.01	.09	1
2200E 1750N	1	15	137	482	.1	33	11	1104	1.92	15	5	ND	2	20	1.0	2	2	24	.29	.063	10	26	.54	187	.13	2	1.46	.01	.08	1
2200E 1700N	1	22	157	380	.3	36	9	221	1.93	15	5	ND	4	16	1.1	2	2	23	.21	.053	11	26	.46	128	.11	2	1.93	.02	.08	1
2200E 1650N	1	35	226	679	.2	50	17	550	3.10	29	5	ND	5	21	2.8	2	2	43	.33	.149	10	35	.61	131	.17	2	3.70	.03	.10	1
2200E 1600N	1	31	35	439	.1	47	17	865	2.88	5	5	ND	4	49	1.8	2	2	76	.60	.071	10	47	1.03	137	.17	2	3.19	.12	.07	1
2200E 1550N	1	24	215	623	.3	39	11	641	2.62	19	5	ND	4	13	3.6	2	2	37	.18	.141	10	26	.40	133	.18	2	3.53	.02	.08	1
STANDARD C	19	59	43	134	7.3	71	32	1069	4.00	41	17	6	38	52	18.7	15	17	55	.50	.089	38	60	.90	177	.09	32	1.89	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
2200E 1500N	2	28	125	675	.1	55	13	412	2.90	19	5	ND	4	13	1.6	2	2	43	.19	.091	9	29	.54	111	.16	2	3.37	.02	.08	1
2200E 1450N	1	17	132	577	.5	36	9	404	2.14	16	5	ND	4	12	1.5	2	3	28	.22	.077	9	22	.35	155	.13	2	2.66	.02	.07	1
2400E 2800N	1	15	42	279	.1	36	15	1190	2.57	8	5	ND	2	31	.7	2	3	32	.32	.114	7	34	.67	195	.14	2	2.77	.05	.11	1
2400E 2750N	1	70	45	148	.3	44	14	434	2.46	6	5	ND	4	49	.4	2	2	38	.56	.096	11	33	.75	127	.11	2	2.78	.06	.16	1
2400E 2700N	1	60	22	300	.4	124	24	2172	2.87	6	5	ND	2	59	1.9	3	2	34	.63	.264	7	47	.64	289	.18	3	3.77	.07	.13	1
2400E 2650N	1	74	26	243	.2	183	35	1883	3.42	6	5	ND	2	36	.8	3	2	40	.45	.218	6	80	.86	293	.18	2	3.66	.04	.11	1
2400E 2600N	1	62	25	377	.1	63	20	815	3.39	7	5	ND	3	69	1.5	4	2	52	.72	.115	6	45	1.05	202	.15	2	3.83	.10	.16	1
2400E 2550N	1	44	44	294	.1	54	15	1212	2.36	6	5	ND	2	43	1.5	2	2	54	.52	.098	7	43	.76	152	.12	2	2.75	.06	.12	1
2400E 2500N	1	24	37	291	.2	50	13	533	2.81	11	5	ND	4	21	1.2	4	4	34	.27	.244	5	18	.26	78	.19	3	4.52	.03	.06	1
2400E 2450N	1	77	27	378	.2	60	19	1046	3.39	11	5	ND	3	80	2.8	3	2	61	.76	.269	8	39	.80	183	.17	3	4.66	.12	.10	1
2400E 2400N	3	115	44	359	.4	100	26	768	3.88	7	5	ND	4	88	1.5	8	3	70	1.10	.280	8	42	.82	142	.13	4	4.53	.11	.10	2
RE 2400E 2150N	1	30	65	448	.4	62	13	549	2.77	15	5	ND	4	20	1.9	3	2	36	.26	.295	6	26	.38	115	.21	3	4.89	.03	.07	1
2400E 2350N	2	55	105	579	.2	89	22	1245	3.23	2	5	ND	3	45	2.4	2	2	66	.74	.206	8	36	.59	252	.11	2	2.85	.03	.09	1
2400E 2300N	2	20	56	524	.7	56	11	408	2.97	13	5	ND	4	19	2.4	7	2	37	.26	.183	5	18	.25	198	.25	3	5.94	.03	.07	1
2400E 2250N	1	24	90	693	.1	56	14	755	3.00	28	5	ND	3	14	1.9	2	2	40	.25	.397	6	28	.44	211	.16	2	2.82	.02	.08	1
2400E 2200N	1	21	84	616	.4	76	11	597	2.30	11	5	ND	3	15	2.3	3	3	31	.31	.188	9	24	.39	205	.18	2	2.61	.02	.07	1
2400E 2150N	1	27	63	425	.3	56	12	517	2.57	14	5	ND	4	18	1.9	2	2	33	.23	.291	5	25	.34	111	.20	2	4.75	.03	.07	1
2400E 2100N	1	23	71	342	.2	31	12	796	2.43	18	5	ND	4	24	1.7	5	2	31	.25	.348	6	23	.33	149	.18	2	4.06	.04	.08	1
2400E 2050N	1	22	44	300	.1	39	12	889	2.46	7	5	ND	2	31	1.4	2	2	29	.31	.399	4	18	.28	160	.19	2	4.24	.06	.06	1
2400E 2000N	1	40	55	395	.3	67	19	609	3.05	11	5	ND	3	53	1.6	5	2	37	.53	.232	6	44	.71	187	.17	3	4.57	.08	.13	1
2400E 1950N	1	43	25	364	.1	55	21	1476	4.23	5	5	ND	2	86	.8	3	2	63	.87	.115	5	61	1.39	245	.21	2	4.69	.15	.24	1
2400E 1900N	2	29	39	428	.3	45	10	1273	3.05	8	5	ND	3	36	2.1	2	2	45	.30	.222	7	21	.47	267	.21	2	3.33	.04	.09	1
2400E 1850N	1	52	195	368	.2	52	11	637	3.22	15	5	ND	5	29	1.2	2	2	41	.34	.173	13	25	.57	195	.19	2	4.16	.02	.13	1
2400E 1800N	4	49	66	343	.1	51	13	871	5.93	6	5	ND	4	39	.6	2	2	116	.26	.081	12	50	.87	338	.19	2	3.00	.02	.21	1
2400E 1750N	1	13	151	624	.2	32	9	671	2.34	18	5	ND	2	23	2.0	2	2	29	.26	.235	7	16	.24	244	.21	4	2.82	.02	.11	1
2400E 1700N	1	27	109	390	.1	61	15	910	2.86	8	5	ND	2	41	1.2	2	2	41	.48	.083	7	51	1.00	305	.18	2	3.21	.05	.20	1
2400E 1650N	1	17	310	707	.4	46	12	757	2.67	37	5	ND	4	19	1.5	5	3	31	.26	.081	8	28	.46	231	.17	3	2.77	.02	.14	1
2400E 1600N	1	26	84	408	.1	45	16	712	3.12	9	5	ND	3	30	1.1	2	2	41	.40	.105	8	39	.82	308	.19	2	3.13	.03	.22	1
2400E 1550N	1	50	21	349	.1	118	24	981	2.32	8	5	ND	2	21	1.1	2	2	30	.34	.245	5	62	.58	530	.21	3	2.23	.02	.11	1
2400E 1500N	1	43	29	234	.1	98	20	844	2.60	7	5	ND	1	19	.8	2	2	48	.44	.051	4	98	1.01	318	.27	2	2.16	.02	.24	1
2400E 1450N	1	98	87	294	.1	104	22	676	3.20	9	5	ND	2	20	1.0	3	2	45	.40	.104	5	72	.75	230	.27	2	2.98	.02	.17	1
2600E 2550N	3	80	28	345	.1	53	18	1985	4.57	3	5	ND	5	35	1.3	3	3	58	.38	.223	11	27	.95	325	.16	2	3.26	.02	.23	1
2600E 2500N	1	71	29	201	.1	46	21	1026	4.82	2	5	ND	7	33	.6	3	3	54	.34	.107	14	35	1.63	231	.21	2	5.47	.03	.21	1
2600E 2450N	3	91	33	228	.2	68	19	921	4.43	4	5	ND	4	40	1.2	4	2	48	.48	.239	10	25	.90	133	.13	2	3.44	.03	.09	1
2600E 2400N	1	60	29	751	.6	91	12	808	3.05	6	5	ND	5	46	2.1	5	3	33	.42	.122	15	26	.50	187	.24	2	5.95	.06	.10	1
2600E 2350N	1	35	47	603	.3	51	13	834	3.08	7	5	ND	5	26	2.9	4	2	40	.25	.269	10	26	.45	194	.20	2	5.40	.04	.08	1
2600E 2300N	1	19	27	403	.1	32	9	3404	2.89	5	5	ND	4	26	1.8	2	2	35	.27	.161	16	18	.50	528	.09	2	2.24	.02	.09	1
STANDARD C	19	59	40	132	7.2	69	33	1040	4.00	37	15	6	37	54	18.4	15	21	57	.48	.091	37	59	.89	177	.09	34	1.91	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
2600E 2250N	1	31	200	1082	.6	65	10	1096	3.11	4	5	ND	3	20	2.0	2	2	37	.30	.100	10	24	.50	349	.17	4	3.10	.02	.11	1
2600E 2200N	1	26	60	544	.1	54	13	318	3.12	9	5	ND	3	22	.2	2	2	32	.39	.541	9	29	.50	208	.14	4	3.78	.02	.12	1
2600E 2150N	1	28	41	253	.1	46	11	423	2.76	7	5	ND	2	17	.3	2	3	38	.25	.172	6	25	.37	162	.18	3	4.28	.02	.07	1
2600E 2100N	1	18	36	241	.2	45	11	615	2.35	5	5	ND	2	13	.5	2	3	34	.21	.282	7	19	.23	201	.22	3	3.83	.02	.07	2
2600E 2050N	1	33	20	140	.1	54	10	728	2.64	3	5	ND	2	14	.2	2	2	35	.19	.566	4	21	.23	219	.27	6	6.88	.03	.06	1
2600E 2000N	1	15	33	267	.4	50	10	1066	2.36	6	5	ND	3	16	.5	2	2	30	.17	.327	7	19	.29	268	.20	4	4.23	.02	.08	1
2600E 1950N	1	10	35	192	.3	15	5	268	1.66	8	5	ND	3	13	.7	2	2	27	.21	.133	11	20	.21	158	.08	4	1.35	.01	.05	1
2600E 1900N	1	14	66	793	.1	16	11	534	5.11	31	5	ND	2	23	.6	2	2	55	.66	.199	17	9	.60	309	.08	4	3.41	.02	.17	1
2600E 1850N	1	29	44	711	.6	37	9	462	2.79	11	5	ND	3	17	1.5	2	2	32	.23	.238	8	19	.22	120	.27	3	7.76	.03	.06	1
2600E 1800N	1	23	33	255	.1	24	11	1297	3.47	9	5	ND	7	33	.7	2	9	22	.61	.062	25	16	.46	175	.01	3	2.10	.01	.11	1
2600E 1750N	1	26	162	1357	.1	47	17	761	4.29	31	5	ND	3	24	2.7	2	2	48	.36	.071	7	40	1.06	209	.20	4	3.93	.02	.16	1
2600E 1700N	1	131	168	764	.1	105	35	394	7.54	38	5	ND	2	20	1.0	2	2	70	.39	.054	11	97	1.17	136	.06	2	3.46	.02	.11	1
2600E 1650N	1	22	44	638	.1	40	11	336	2.50	8	5	ND	3	13	1.3	2	2	35	.30	.024	12	37	1.29	88	.13	4	2.26	.02	.09	1
2600E 1600N	1	142	22	288	.1	97	51	1206	7.31	2	5	ND	1	25	.5	4	2	89	.74	.074	3	72	2.87	173	.30	4	4.99	.02	.35	1
2600E 1550N	1	89	97	388	.1	75	27	459	4.13	13	5	ND	3	17	.2	2	3	53	.32	.059	9	57	1.29	125	.18	3	2.84	.01	.16	1
2600E 1500N	1	23	92	518	.4	34	9	566	3.55	14	5	ND	5	31	2.9	2	2	37	.35	.144	17	22	.42	128	.28	5	7.84	.03	.07	1
2600E 1450N	1	15	63	586	.2	37	13	691	4.70	4	5	ND	7	39	1.6	2	2	33	.47	.060	15	26	1.09	262	.08	5	4.29	.02	.12	1
2600E 1400N	1	41	174	627	.1	37	10	416	3.26	35	5	ND	5	19	.7	2	2	28	.31	.051	14	27	.54	99	.08	2	2.02	.01	.10	1
2600E 1350N	1	21	134	469	.7	38	8	336	2.29	19	5	ND	3	17	.9	2	2	29	.26	.088	8	25	.39	135	.17	5	3.51	.02	.09	2
2600E 1300N	1	49	51	239	.1	43	20	2250	6.64	5	5	ND	3	53	.2	3	2	35	2.07	.178	12	31	3.09	212	.16	6	3.92	.02	.16	1
2600E 1250N	1	83	67	306	.1	99	24	1155	6.58	13	5	ND	3	42	.2	4	2	78	.67	.101	11	87	2.73	179	.28	6	5.71	.03	.30	2
2600E 1200N	1	30	196	488	.1	41	12	552	3.38	21	5	ND	4	20	.9	2	2	38	.40	.109	9	34	.77	157	.17	5	3.06	.02	.15	1
2600E 1150N	1	47	102	297	.1	65	19	829	5.32	13	5	ND	5	18	.3	4	2	58	.57	.182	20	90	1.28	252	.12	6	4.04	.02	.15	1
2600E 1100N	1	47	277	490	.1	44	15	697	4.59	18	5	ND	5	22	.7	2	2	44	.69	.195	18	37	1.06	201	.18	3	3.93	.03	.14	1
2600E 1050N	1	30	144	422	.2	39	12	634	3.30	15	5	ND	3	16	.7	2	2	41	.32	.082	8	36	.84	198	.19	5	3.24	.03	.10	1
2600E 1000N	1	30	241	505	.6	28	10	566	3.43	27	5	ND	4	17	.9	2	2	39	.30	.123	10	25	.65	138	.27	4	6.34	.03	.09	1
2600E 950N	1	79	46	186	.1	54	22	946	6.04	3	5	ND	2	24	.6	2	2	70	.81	.112	11	57	1.20	221	.23	3	3.98	.05	.26	1
2600E 900N	1	14	72	374	.3	29	8	1105	3.02	15	5	ND	3	13	1.1	2	2	34	.22	.112	8	23	.51	282	.25	5	3.91	.02	.11	1
2600E 850N	1	18	112	457	.5	25	8	952	4.17	36	5	ND	4	13	1.4	3	3	36	.17	.540	6	15	.22	201	.27	3	6.08	.02	.06	1
RE 2600E 1050N	1	28	141	419	.2	39	12	645	3.31	14	5	ND	3	16	.7	2	2	41	.30	.084	7	36	.81	200	.19	6	3.26	.03	.10	1
2600E 800N	1	16	155	577	.2	26	7	978	2.07	30	5	ND	3	11	1.6	2	2	28	.16	.203	7	19	.29	168	.19	2	3.13	.02	.07	1
2600E 750N	1	23	129	853	1.2	33	8	1691	2.25	25	5	ND	3	13	3.5	2	2	32	.16	.184	7	24	.40	290	.20	4	2.97	.02	.09	1
2600E 700N	1	8	64	319	.2	24	7	520	1.58	5	5	ND	3	9	.6	2	2	24	.32	.084	8	24	.64	143	.10	5	1.74	.01	.07	1
2600E 650N	1	24	106	352	.1	28	7	433	1.79	19	5	ND	5	9	.4	2	2	24	.24	.083	12	31	.55	103	.09	2	1.49	.01	.06	1
2600E 600N	1	18	78	360	.1	27	8	424	2.22	12	5	ND	4	9	.9	2	3	30	.14	.086	7	26	.61	130	.18	4	3.34	.02	.07	1
2600E 550N	1	16	123	412	1.0	23	8	386	2.27	61	5	ND	3	9	.9	2	2	28	.11	.158	7	20	.25	120	.18	2	3.07	.02	.07	1
2600E 500N	1	15	109	376	.7	24	8	804	2.21	23	5	ND	3	9	1.0	2	2	29	.11	.300	8	22	.33	151	.15	3	2.61	.01	.07	1
STANDARD C	19	62	42	133	7.1	70	33	1047	4.00	43	18	7	37	52	18.7	16	21	55	.48	.090	36	58	.88	178	.09	32	1.88	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
2600E 450N	1	9	41	391	.2	23	9	1403	2.56	3	5	ND	4	10	1.0	2	2	31	.34	.091	8	33	.94	180	.18	3	2.54	.02	.06	1
2600E 400N	1	17	172	606	.1	27	9	922	2.84	34	5	ND	5	12	1.3	2	2	30	.24	.377	6	23	.46	172	.19	4	4.09	.02	.08	6
2600E 350N	1	16	191	542	.1	24	9	1737	2.76	34	5	ND	5	11	1.3	2	2	30	.25	.353	7	24	.45	193	.17	2	3.15	.02	.07	1
2600E 300N	1	38	192	547	.1	73	23	860	4.78	25	5	ND	6	15	1.5	2	7	54	.39	.137	7	62	1.72	222	.29	2	5.01	.02	.19	5
2600E 250N	1	20	136	565	.1	40	12	723	3.09	15	5	ND	5	12	1.3	2	2	36	.41	.310	7	32	.70	199	.18	6	4.16	.02	.10	1
2600E 200N	1	18	128	356	.1	32	9	1102	2.56	18	5	ND	5	12	.9	3	2	29	.24	.200	7	25	.46	173	.15	5	3.16	.02	.08	2
2600E 150N	1	20	126	376	.1	30	10	503	2.72	14	5	ND	5	14	.7	2	2	30	.31	.126	9	28	.56	165	.16	5	3.22	.02	.10	1
2600E 100N	1	27	198	505	.1	42	11	409	2.85	23	5	ND	6	13	.7	2	2	32	.29	.089	11	32	.71	143	.15	5	2.89	.02	.15	1
2600E 50N	1	22	150	784	.2	36	11	425	2.51	27	5	ND	6	15	.9	2	2	28	.32	.111	11	30	.63	103	.10	4	1.79	.02	.10	1
2600E 0N	1	25	101	281	.1	48	15	1318	3.88	5	5	ND	8	24	.5	2	3	35	.48	.086	13	64	1.12	230	.14	4	3.15	.02	.11	1
2800E 2400N	1	22	47	215	.3	33	10	756	2.63	11	5	ND	5	22	.9	3	4	30	.24	.247	9	25	.37	158	.16	4	3.67	.02	.08	1
2800E 2350N	1	44	35	247	.2	76	15	389	3.59	2	5	ND	9	29	.8	2	2	66	.36	.115	10	52	.73	272	.22	2	6.61	.03	.12	4
2800E 2300N	1	77	23	148	.1	91	18	727	3.08	6	5	ND	4	16	.4	2	3	41	.28	.164	7	61	.74	185	.20	2	3.59	.02	.14	1
2800E 2250N	1	55	38	382	.1	57	16	607	3.31	12	5	ND	5	18	.7	2	2	37	.25	.129	10	33	.67	173	.13	6	2.98	.02	.13	1
2800E 2200N	1	20	34	374	.1	28	10	340	2.64	13	5	ND	4	23	.8	2	2	34	.35	.114	7	24	.41	132	.17	3	3.59	.03	.08	2
2800E 2150N	1	24	36	358	.1	40	13	480	2.91	9	5	ND	5	13	.3	2	2	37	.21	.059	11	37	.74	100	.14	4	2.29	.02	.10	1
2800E 2100N	1	13	36	407	.1	24	11	808	3.60	20	5	ND	3	23	1.5	2	2	36	.36	.094	6	30	.85	157	.20	3	2.99	.02	.08	1
2800E 2050N	1	14	29	246	.2	25	10	578	2.85	6	5	ND	4	21	.5	2	2	32	.21	.243	7	18	.29	152	.21	3	5.28	.03	.07	1
RE 2800E 1850N	1	27	69	248	.3	43	13	244	3.28	8	5	ND	7	19	1.0	2	2	33	.37	.078	11	31	.50	314	.20	2	4.95	.03	.09	2
2800E 2000N	1	19	41	346	.2	26	10	1517	4.96	6	5	ND	5	36	1.5	2	5	35	2.14	.465	15	17	1.07	281	.13	4	3.39	.03	.11	1
2800E 1950N	1	15	33	237	.1	26	11	524	3.18	2	5	ND	4	15	.5	2	2	35	.30	.294	5	19	.36	168	.23	5	5.35	.02	.07	1
2800E 1900N	1	17	42	183	.5	27	10	420	3.03	2	5	ND	6	24	.6	2	2	29	.41	.087	13	16	.33	232	.24	3	6.28	.04	.06	1
2800E 1850N	1	27	71	244	.3	45	13	246	3.28	8	5	ND	6	20	.6	2	2	33	.38	.076	11	32	.52	314	.20	3	4.92	.03	.09	3
2800E 1800N	1	39	34	251	.1	29	17	440	4.42	6	5	ND	4	16	.6	2	2	50	.20	.507	5	18	.52	153	.29	5	6.11	.03	.07	2
2800E 1750N	1	13	33	306	.1	26	13	1027	3.86	10	5	ND	4	18	.5	3	2	42	.25	.305	6	25	.49	168	.23	3	3.39	.02	.08	1
2800E 1700N	1	22	43	236	.1	40	15	1101	4.12	7	5	ND	6	18	.6	2	5	42	.41	.203	11	32	.96	215	.20	4	4.01	.03	.12	1
2800E 1650N	1	23	33	150	.1	37	16	457	4.74	2	7	ND	5	18	.2	2	2	63	.36	.149	10	22	.83	186	.23	5	6.83	.03	.09	1
2800E 1600N	1	28	52	252	.1	38	14	856	4.44	4	5	ND	5	14	.5	2	2	45	.36	.118	10	35	.87	201	.21	5	3.87	.03	.10	1
2800E 1550N	1	28	28	228	.1	47	15	812	3.54	2	5	ND	4	14	.4	2	4	40	.29	.094	8	37	.67	193	.23	4	3.51	.03	.11	1
2800E 1500N	1	17	58	252	.1	42	11	1028	3.42	2	5	ND	5	19	.6	2	2	33	.64	.230	13	31	.50	200	.24	5	5.41	.04	.09	1
2800E 1450N	1	37	23	199	.1	45	18	552	6.07	2	5	ND	6	168	.6	2	2	52	2.03	.907	20	77	2.57	132	.18	3	5.01	.02	.12	1
2800E 1400N	2	42	34	132	.1	62	23	783	5.23	2	6	ND	4	101	.6	2	2	45	.95	.268	12	34	1.03	116	.21	5	5.93	.08	.07	2
2800E 1350N	1	16	34	214	.5	23	9	1252	2.75	12	5	ND	4	29	.6	6	2	28	.35	.288	5	16	.28	150	.24	6	5.08	.04	.09	2
2800E 1300N	1	30	32	180	.1	59	20	1080	5.21	2	5	ND	4	56	.5	2	3	86	.86	.172	7	70	2.35	149	.27	5	5.88	.11	.13	1
2800E 1250N	1	49	29	149	.1	73	25	1404	5.41	2	5	ND	2	54	.6	2	3	84	1.06	.219	7	77	2.50	216	.30	3	7.19	.09	.19	1
2800E 1200N	1	20	22	170	.1	59	19	769	4.20	2	5	ND	2	42	.9	2	5	59	.73	.219	7	57	1.40	262	.26	5	4.95	.10	.36	5
2800E 1150N	1	50	22	147	.1	78	29	872	5.87	2	5	ND	1	64	.2	2	2	100	1.06	.113	5	86	2.76	268	.35	4	5.44	.15	.96	1
STANDARD C	19	61	40	137	7.3	75	32	1085	4.01	42	19	8	38	52	18.4	16	22	57	.50	.088	39	60	.91	178	.09	33	1.93	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
2800E 1100N	1	27	24	196	.1	47	19	1254	4.47	2	5	ND	2	46	.3	2	2	62	.62	.102	6	50	1.63	277	.27	26	4.71	.09	.35	1
2800E 1050N	1	21	20	254	.1	42	21	641	4.36	5	5	ND	3	50	.6	4	2	53	.60	.229	5	28	1.12	234	.24	4	4.50	.06	.19	1
2800E 1000N	1	23	91	592	.3	41	12	841	2.70	6	5	ND	5	22	.2	2	2	29	.51	.057	15	36	.84	143	.12	4	1.88	.03	.09	1
2800E 950N	1	24	39	202	.1	27	12	1825	5.18	4	5	ND	6	16	.5	2	2	38	.35	.101	10	24	1.21	181	.19	3	4.18	.03	.09	1
2800E 900N	2	34	33	206	.1	28	12	1253	5.49	4	5	ND	7	9	.3	3	2	48	.41	.092	14	22	1.44	167	.08	4	2.49	.01	.07	2
2800E 850N	1	13	47	647	.1	40	13	786	4.11	3	5	ND	5	26	.9	2	2	38	.41	.052	10	24	.64	1430	.21	5	3.96	.04	.07	2
2800E 800N	1	20	38	303	.3	28	11	369	3.31	14	5	ND	5	13	.9	5	3	38	.25	.338	8	25	.48	308	.17	4	3.77	.02	.08	2
2800E 750N	1	19	29	284	.1	29	10	389	3.19	7	5	ND	4	11	1.0	2	2	39	.21	.307	6	21	.26	180	.21	3	4.25	.02	.07	1
2800E 700N	1	10	14	101	.4	26	8	189	2.31	5	5	ND	5	15	.2	3	3	27	.71	.034	9	13	.23	127	.11	2	2.11	.02	.08	1
2800E 650N	1	14	48	249	.1	45	12	739	3.21	5	5	ND	4	14	.5	2	2	35	.22	.065	8	25	.58	214	.21	3	3.84	.03	.10	1
2800E 600N	1	14	32	208	.1	30	9	484	2.47	5	6	ND	4	12	.5	2	4	33	.17	.096	7	22	.43	181	.19	3	3.30	.02	.08	1
2800E 550N	1	14	31	196	.2	25	9	311	2.51	8	5	ND	4	14	.6	3	2	31	.18	.266	6	18	.27	118	.20	4	5.13	.03	.07	2
2800E 500N	1	23	39	153	.3	34	10	511	2.60	11	6	ND	6	12	.7	6	3	33	.25	.067	10	27	.84	153	.17	4	3.13	.02	.10	2
2800E 450N	1	15	48	413	.2	44	10	370	2.52	5	5	ND	4	16	1.4	2	2	30	.25	.238	6	21	.38	178	.20	4	4.94	.03	.10	1
2800E 400N	1	7	33	283	.1	12	4	950	.96	4	5	ND	1	10	.9	2	2	14	.41	.086	5	10	.24	180	.07	3	1.02	.02	.06	2
2800E 350N	1	7	43	830	.1	24	10	1164	1.72	4	5	ND	3	18	1.1	2	2	22	.36	.113	9	15	.22	376	.15	3	1.82	.02	.10	2
2800E 300N	1	14	37	248	.3	47	9	398	2.16	7	5	ND	4	19	.8	3	2	25	.27	.172	10	23	.44	225	.16	3	2.80	.02	.14	1
2800E 250N	1	16	43	215	.1	42	10	362	2.28	8	5	ND	3	19	.4	2	3	28	.24	.137	11	25	.52	181	.15	2	2.84	.02	.16	1
2800E 200N	1	13	21	113	.1	41	8	340	1.95	2	5	ND	4	18	.3	2	2	25	.27	.043	11	24	.46	189	.15	2	2.56	.02	.16	1
2800E 150N	1	14	15	93	.1	27	8	547	1.78	4	5	ND	3	16	.2	2	2	24	.27	.046	10	22	.46	152	.12	2	1.73	.02	.13	1
RE 2800E 350N	1	7	45	818	.1	24	10	1142	1.72	8	5	ND	3	18	1.1	2	5	22	.35	.115	9	16	.22	369	.15	3	1.79	.03	.09	2
2800E 100N	1	14	29	177	.1	25	9	415	2.34	8	5	ND	4	16	.5	2	2	27	.23	.256	11	20	.36	168	.17	2	3.78	.02	.10	1
2800E 50N	1	38	184	540	.1	42	14	406	3.01	60	5	ND	5	15	.8	2	2	36	.27	.094	10	36	.70	162	.17	2	3.67	.02	.11	1
2800E 0N	1	28	77	291	.1	38	16	546	3.17	12	5	ND	4	20	.8	3	2	42	.30	.091	8	29	.60	218	.21	3	3.75	.02	.11	2
3000E 2200N	1	23	18	90	.1	14	6	1204	1.72	6	5	ND	2	59	.9	2	2	14	12.24	.041	9	11	.30	236	.09	4	2.46	.04	.07	1
3000E 2150N	1	23	41	155	.3	34	11	251	3.38	8	5	ND	4	26	.3	2	2	28	.79	.206	10	23	.41	171	.13	5	5.74	.02	.11	1
3000E 2100N	1	11	25	110	.2	18	8	304	2.55	13	5	ND	3	19	.5	4	3	27	.34	.192	11	16	.31	106	.10	3	2.68	.02	.08	1
3000E 2050N	1	17	28	114	.2	27	10	200	2.96	6	5	ND	4	25	.2	2	2	27	.45	.047	11	20	.47	150	.11	2	4.17	.02	.10	1
3000E 2000N	1	38	36	122	.2	47	13	504	3.52	8	5	ND	7	17	.3	3	2	32	.22	.068	17	31	.64	190	.13	2	4.35	.02	.19	1
3000E 1950N	1	25	24	145	.3	34	11	260	2.82	6	5	ND	5	23	.4	2	2	28	.31	.096	24	25	.59	149	.16	3	4.58	.03	.10	1
3000E 1900N	1	11	43	154	.1	24	8	394	2.40	7	5	ND	4	15	.4	2	2	28	.18	.349	7	15	.19	100	.22	5	5.74	.03	.07	1
3000E 1850N	1	14	34	160	.2	24	10	237	2.58	8	5	ND	5	13	1.1	5	2	28	.16	.106	7	20	.31	117	.20	2	4.73	.02	.08	3
3000E 1800N	1	12	22	113	.1	19	7	212	2.29	9	5	ND	3	11	.3	3	3	31	.15	.105	7	18	.25	86	.17	4	3.37	.02	.08	1
3000E 1750N	1	26	28	161	.1	19	14	1004	7.18	3	5	ND	5	24	.9	2	2	33	.51	.092	17	18	2.18	149	.22	2	3.16	.02	.19	1
3000E 1700N	1	26	45	125	.1	41	14	385	3.89	3	5	ND	3	50	.6	2	2	69	1.24	.053	8	57	1.73	75	.24	4	5.39	.09	.11	1
3000E 1650N	1	16	39	153	.1	43	11	601	2.77	7	5	ND	4	17	.3	2	2	33	.20	.120	8	29	.51	139	.20	2	3.66	.03	.12	1
3000E 1600N	1	24	49	190	.1	53	17	834	4.21	6	5	ND	4	43	.8	2	2	60	.52	.222	9	42	1.23	181	.24	3	5.31	.08	.09	1
STANDARD C	20	59	42	133	7.3	70	32	1062	4.03	44	22	8	38	51	18.5	17	20	55	.49	.091	38	60	.89	177	.09	34	1.88	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
3000N 1550N	1	28	56	339	.1	26	8	4035	13.06	5	5	ND	5	39	1.6	2	2	30	1.12	.468	12	9	.46	593	.16	2	3.12	.02	.08	1
3000N 1500N	1	11	40	286	.1	26	10	2873	6.16	3	5	ND	6	30	.9	3	2	34	1.05	.557	10	17	.90	400	.17	2	4.03	.03	.09	1
3000N 1450N	1	24	22	178	.1	28	9	1977	6.05	2	5	ND	9	25	.3	3	2	36	2.56	.417	19	20	1.68	196	.17	4	4.64	.03	.13	1
3000N 1400N	1	44	29	125	.1	36	12	1007	5.57	2	5	ND	8	22	.2	2	2	43	.56	.140	13	31	1.31	229	.17	2	4.22	.03	.11	1
3000N 1350N	1	50	47	171	.1	36	12	3575	8.73	2	5	ND	11	32	.2	2	2	44	1.79	.481	20	27	1.43	314	.14	2	3.55	.02	.09	1
3000N 1300N	1	18	49	269	.2	35	11	1002	5.18	2	5	ND	8	11	.2	2	2	44	.27	.408	6	32	.47	159	.26	2	6.77	.02	.07	1
3000N 1250N	1	18	33	125	.1	21	7	597	3.82	2	5	ND	10	24	.2	2	2	32	.56	.406	8	14	.25	128	.28	5	8.07	.03	.05	1
3000N 1200N	1	14	28	319	.1	24	10	931	3.73	2	5	ND	5	12	.2	2	2	35	.24	.182	7	26	.82	188	.20	2	3.79	.02	.07	1
3000N 1150N	1	19	33	161	.1	28	8	480	3.13	2	5	ND	7	11	.2	2	2	33	.24	.171	9	25	.56	140	.21	2	4.76	.02	.06	1
3000N 1100N	1	16	29	146	.1	44	10	1557	3.01	2	5	ND	5	16	.2	2	2	36	.33	.178	6	32	.61	214	.22	4	3.97	.02	.09	1
3000N 1050N	1	15	33	499	.1	32	10	2102	4.32	2	5	ND	6	19	.8	2	2	34	.96	.263	11	29	.92	358	.17	4	3.73	.03	.10	1
3000N 1000N	1	20	28	265	.1	55	14	1297	3.75	2	5	ND	5	24	.2	2	2	47	.38	.150	7	88	1.41	167	.17	2	3.78	.03	.08	2
3000N 950N	1	22	32	199	.1	51	14	1391	4.30	2	5	ND	6	18	.2	2	2	50	.37	.293	6	48	1.11	311	.27	2	5.88	.03	.16	1
3000N 900N	1	129	23	105	.1	71	17	563	3.98	2	5	ND	5	12	.2	2	2	52	.36	.120	7	78	1.49	130	.22	2	4.02	.02	.13	3
3000N 850N	1	34	36	169	.1	45	13	372	3.79	2	5	ND	9	12	.2	2	2	43	.24	.174	6	43	1.03	154	.22	3	5.95	.02	.09	1
RE 3000N 600N	1	20	47	277	.3	38	10	267	3.20	9	5	ND	8	16	.2	2	2	40	.31	.323	8	27	.54	170	.25	3	6.45	.03	.09	1
3000N 800N	1	12	25	197	.1	25	8	632	3.03	2	5	ND	5	13	.2	2	2	35	.24	.341	6	30	.48	149	.21	3	4.76	.02	.06	1
3000N 750N	1	17	24	135	.2	24	8	623	2.99	2	5	ND	7	12	.2	2	2	35	.19	.243	8	24	.58	161	.25	4	5.75	.02	.07	1
3000N 700N	1	14	45	154	.1	33	10	631	3.29	2	5	ND	5	12	.2	2	2	41	.18	.122	6	31	.69	166	.18	3	4.03	.02	.10	1
3000N 650N	1	16	52	169	.1	30	9	290	2.39	2	5	ND	5	12	.2	2	2	32	.24	.073	8	30	.77	155	.16	3	3.35	.02	.08	1
3000N 600N	1	20	50	270	.4	37	9	262	3.15	3	5	ND	8	16	.3	2	2	39	.30	.308	8	26	.53	169	.25	8	6.22	.03	.10	1
3000N 550N	1	24	27	356	.1	57	18	796	6.01	2	5	ND	8	14	.2	2	2	51	.24	.403	6	33	2.02	192	.25	5	5.67	.02	.07	12
3000N 500N	1	27	43	298	.1	45	12	441	2.99	2	5	ND	5	19	.4	2	2	38	.39	.345	9	39	.86	178	.14	3	3.22	.02	.11	1
3000N 450N	1	33	25	209	.1	36	11	500	4.96	5	5	ND	6	14	.2	2	2	52	.35	.183	12	37	1.03	206	.14	2	3.24	.02	.08	1
3000N 400N	1	13	27	346	.1	23	11	1145	3.01	4	5	ND	6	16	.4	2	16	30	.22	.329	9	16	.34	503	.15	2	2.54	.02	.09	3
3000N 350N	1	9	29	186	.1	25	8	957	2.00	3	5	ND	4	16	.3	2	3	25	.34	.156	7	23	.49	317	.12	4	1.87	.02	.11	1
3000N 300N	1	36	44	166	.1	43	12	434	3.20	2	5	ND	7	19	.2	2	2	38	.39	.118	13	40	.90	186	.21	5	3.82	.03	.19	1
3000N 250N	1	26	29	152	.1	39	11	421	2.89	8	5	ND	6	21	.2	2	2	36	.36	.221	9	36	.78	192	.16	4	3.07	.02	.17	1
3000N 200N	1	17	9	55	.1	27	10	239	1.79	5	5	ND	5	12	.2	2	2	27	.26	.036	11	33	.72	71	.12	5	1.15	.02	.15	1
3000N 150N	1	35	18	158	.1	50	11	400	2.67	7	5	ND	4	25	.2	2	2	31	.40	.220	9	30	.60	231	.15	6	2.85	.03	.15	1
3000N 100N	1	24	56	298	.1	41	11	531	3.08	10	5	ND	6	21	.4	2	2	35	.29	1.081	8	29	.60	399	.18	4	4.71	.03	.14	2
3000N 50N	1	48	43	199	.1	46	19	603	6.46	2	5	ND	5	41	.2	5	2	67	.89	.170	7	47	1.87	166	.25	5	5.65	.11	.13	1
3000N 0N	1	30	22	179	.1	49	14	902	3.73	2	5	ND	5	28	.2	2	2	46	.46	.142	11	58	1.20	303	.18	3	3.62	.04	.27	1
3200N 1900N	1	17	26	160	.1	21	7	863	3.49	2	5	ND	7	29	.2	2	2	29	.45	.389	19	17	.33	213	.26	4	5.25	.03	.08	1
3200N 1850N	1	26	23	96	.1	34	12	311	2.95	3	5	ND	5	15	.2	2	2	33	.34	.088	11	35	.81	116	.11	4	2.35	.02	.11	1
3200N 1800N	1	15	17	192	.1	23	8	394	2.70	6	5	ND	5	14	.2	2	2	32	.19	.254	7	21	.37	165	.17	5	4.01	.02	.07	1
3200N 1750N	1	20	14	140	.1	29	6	505	2.06	2	5	ND	5	31	.2	2	3	21	.58	.040	12	17	.23	219	.24	4	3.65	.05	.07	1
STANDARD C	17	61	40	131	7.5	70	33	1049	4.01	44	16	7	35	51	18.6	15	18	54	.48	.090	36	59	.89	178	.09	33	1.89	.05	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
3200E 1700N	1	18	16	230	.1	22	10	766	3.72	2	5	ND	5	55	.2	2	2	35	1.04	.095	4	26	4.49	143	.17	3	5.89	.02	.17	1
RE 3200E 1450N	1	22	25	125	.1	29	10	285	2.56	2	5	ND	6	10	.2	2	2	35	.31	.068	9	35	1.46	99	.13	3	3.14	.01	.07	1
3200E 1650N	1	15	7	24	.1	6	2	355	.64	2	5	ND	1	70	.7	2	2	6	8.08	.082	2	7	.27	234	.02	15	.50	.01	.05	1
3200E 1600N	1	15	19	168	.1	22	8	195	2.74	4	5	ND	4	12	.2	2	2	29	.34	.140	7	24	.81	111	.11	2	3.07	.02	.09	1
3200E 1550N	1	41	26	224	.1	37	9	439	2.38	2	5	ND	6	23	.3	2	2	25	1.08	.069	20	22	.48	155	.17	4	4.00	.03	.05	1
3200E 1500N	1	12	19	153	.1	17	7	230	2.46	2	5	ND	9	13	.2	2	2	25	.28	.062	16	14	.30	122	.11	2	2.38	.02	.05	1
3200E 1450N	1	24	28	132	.1	31	10	304	2.81	2	5	ND	6	10	.2	2	2	37	.31	.076	9	36	1.50	105	.14	2	3.29	.01	.08	1
3200E 1400N	1	23	27	228	.1	88	20	795	4.20	2	5	ND	3	13	.2	2	2	51	.62	.056	5	134	2.26	108	.27	3	4.35	.02	.07	1
3200E 1350N	1	74	29	115	.2	115	14	2559	3.18	2	5	ND	6	21	1.1	2	3	30	.55	.043	22	32	.84	285	.20	3	4.23	.04	.09	1
3200E 1300N	1	25	22	183	.1	81	18	446	3.58	2	5	ND	3	8	.2	2	4	39	.17	.202	4	67	1.14	107	.22	3	4.50	.02	.05	1
3200E 1250N	1	19	27	101	.2	29	9	402	2.44	2	5	ND	6	15	.2	2	2	27	.27	.080	11	27	.47	124	.17	4	4.19	.03	.07	1
3200E 1200N	1	18	41	140	.1	33	17	709	3.82	3	5	2	6	12	.2	2	3	37	.33	.130	7	31	.94	111	.20	6	4.57	.02	.08	2
3200E 1150N	1	22	29	120	.3	34	10	784	3.08	2	5	ND	7	14	.2	2	3	35	.24	.420	6	38	.66	160	.24	2	6.35	.02	.06	1
3200E 1100N	1	22	16	124	.1	26	10	437	3.13	2	5	ND	6	13	.2	2	4	37	.20	.146	7	26	.53	164	.25	3	5.89	.02	.08	2
3200E 1050N	1	17	21	142	.1	35	9	345	3.16	2	5	ND	6	11	.2	2	4	36	.19	.286	16	46	.61	132	.25	5	5.76	.02	.08	1
3200E 1000N	1	24	27	150	.1	50	14	316	3.33	2	5	ND	4	14	.2	2	2	49	.45	.090	8	61	1.35	122	.18	2	3.69	.03	.10	1
3200E 950N	1	15	27	177	.1	28	8	519	2.91	2	5	ND	5	11	.2	2	2	35	.22	.283	6	30	.60	179	.23	3	4.49	.02	.09	1
3200E 900N	1	25	22	92	.1	39	9	373	2.42	2	5	ND	5	18	.4	2	2	24	.64	.039	18	32	.45	135	.16	3	4.03	.03	.07	1
3200E 850N	1	13	26	169	.1	32	8	474	2.68	7	5	ND	5	11	.2	2	3	32	.19	.343	6	28	.48	152	.18	3	4.06	.02	.08	1
3200E 800N	1	11	29	270	.1	19	8	1348	2.52	9	5	ND	5	15	.2	2	2	30	.20	1.181	5	19	.24	261	.20	5	4.32	.03	.10	1
3200E 750N	1	12	22	202	.1	24	9	428	2.92	2	5	ND	5	11	.2	2	2	35	.24	.327	7	27	.98	172	.18	2	3.90	.02	.08	1
3200E 700N	1	21	39	170	.1	32	13	443	4.41	2	5	ND	7	17	.2	5	9	40	1.10	.639	23	25	1.91	161	.21	3	5.58	.02	.09	10
3200E 650N	1	24	27	136	.1	32	11	337	3.16	2	5	ND	8	13	.2	2	2	40	.29	.105	10	30	.73	185	.18	2	4.20	.02	.09	1
3200E 600N	1	20	26	158	.1	26	9	276	2.76	2	5	ND	7	10	.2	2	3	32	.17	.261	8	25	.50	139	.18	3	4.37	.02	.07	1
3200E 550N	1	13	16	182	.1	21	8	857	2.35	6	5	ND	4	10	.2	2	2	35	.16	.210	7	24	.49	143	.15	2	2.52	.02	.12	1
3200E 500N	1	13	22	170	.1	30	8	454	2.34	3	5	ND	5	14	.2	2	2	30	.23	.128	7	26	.40	209	.18	4	3.18	.02	.11	1
3200E 450N	1	18	36	152	.1	35	9	311	2.53	3	5	ND	5	19	.2	2	2	32	.35	.125	7	33	.69	176	.18	2	3.69	.02	.12	1
3200E 400N	1	36	35	189	.1	46	15	1015	2.89	2	5	ND	5	18	.4	2	2	35	.46	.121	7	29	1.03	180	.15	3	2.82	.02	.13	1
3200E 350N	1	63	46	364	.3	60	10	445	3.03	2	5	ND	7	18	.2	2	2	35	.28	.113	8	26	.45	259	.18	4	4.57	.03	.08	1
3200E 300N	1	21	44	255	.2	30	10	1046	3.08	6	5	ND	5	16	.2	2	2	35	.22	.360	8	18	.31	146	.21	3	4.37	.02	.09	2
3200E 250N	1	14	40	220	.1	29	8	670	2.32	5	5	ND	5	11	.3	2	2	30	.14	.170	6	23	.33	154	.18	2	3.00	.02	.08	1
3200E 200N	1	24	57	165	.1	27	8	359	2.20	6	5	ND	6	14	.2	2	2	28	.47	.081	14	31	.84	86	.11	2	1.87	.02	.12	1
3200E 150N	1	19	54	295	.1	30	8	1130	2.26	5	5	ND	5	16	.5	2	2	27	.25	.215	9	22	.47	308	.15	2	2.41	.02	.10	1
3200E 100N	1	47	35	375	.1	33	19	1244	6.63	2	5	ND	4	49	3.2	4	2	56	1.05	.195	8	42	2.98	229	.22	4	6.26	.03	.10	1
3200E 50N	1	42	33	313	.2	37	16	1351	5.56	2	5	ND	8	76	.8	3	2	54	1.65	.454	11	58	2.76	286	.25	4	5.51	.05	.20	1
3200E 0N	1	15	18	245	.1	32	8	930	2.46	3	5	ND	5	24	.2	2	2	27	.31	.226	10	26	.55	390	.18	5	2.92	.03	.21	1
STANDARD C	18	59	40	132	6.8	70	32	1040	3.97	41	16	6	35	50	18.4	16	19	56	.48	.090	37	58	.88	178	.09	31	1.88	.05	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
3400E 1400N	1	28	14	58	.1	51	16	360	3.19	2	5	ND	2	22	.2	2	2	53	.93	.086	6	80	1.67	134	.27	5	6.38	.07	.05	1
3400E 1350N	1	17	15	182	.1	88	22	151	2.98	2	5	ND	1	10	.2	2	2	46	.29	.047	4	88	1.20	110	.29	3	4.22	.02	.05	1
3400E 1300N	1	15	18	107	.1	23	7	594	1.80	2	5	ND	3	18	.7	2	2	23	2.21	.120	14	24	1.63	250	.12	5	3.28	.02	.06	1
3400E 1250N	1	10	11	98	.1	17	6	228	2.57	2	5	ND	3	11	.2	2	2	31	.50	.661	4	18	.36	101	.23	4	5.62	.02	.05	1
3400E 1200N	1	7	14	62	.1	13	5	217	1.53	2	5	ND	3	10	.2	2	2	24	.56	.063	6	29	1.71	59	.14	2	3.04	.01	.04	2
3400E 1150N	1	9	19	235	.1	45	15	1120	7.20	2	5	ND	8	10	.3	2	2	64	.49	.107	5	40	2.74	191	.21	4	4.84	.02	.04	1
3400E 1100N	1	24	21	103	.1	33	10	295	2.68	3	5	ND	5	10	.2	2	2	36	.27	.058	8	35	1.03	131	.14	3	3.39	.01	.07	2
3400E 1050N	1	12	14	146	.1	19	6	1214	2.26	2	5	ND	5	19	.6	2	2	35	.60	.349	7	27	1.97	204	.25	5	5.19	.02	.05	1
3400E 1000N	1	9	21	213	.1	21	7	1921	2.49	2	5	ND	4	19	.8	2	2	32	.66	.197	7	21	1.16	343	.20	5	3.72	.02	.07	1
3400E 950N	1	16	23	152	.2	28	6	621	1.82	2	5	ND	3	23	.2	2	2	21	.43	.088	15	16	.39	136	.24	4	4.93	.04	.07	1
3400E 900N	1	15	20	147	.2	26	8	457	2.44	2	5	ND	4	11	.2	2	2	31	.17	.188	9	19	.33	184	.25	3	4.94	.02	.06	2
3400E 850N	1	15	17	99	.1	28	9	374	2.25	2	5	ND	4	10	.2	2	2	30	.22	.093	9	30	.67	166	.15	5	3.23	.01	.08	1
3400E 800N	1	12	12	144	.1	25	9	472	2.38	2	5	ND	4	9	.2	2	3	32	.17	.221	7	23	.45	135	.19	5	4.57	.02	.06	3
3400E 750N	1	10	17	152	.1	21	8	376	2.59	2	5	ND	3	11	.2	2	2	32	.19	.150	5	18	.29	121	.27	4	5.70	.02	.06	1
3400E 700N	1	14	13	119	.1	27	8	559	2.43	2	5	ND	4	9	.2	2	2	32	.16	.131	7	25	.49	168	.20	3	4.70	.02	.08	1
3400E 650N	1	13	13	83	.1	25	9	242	2.07	3	5	ND	4	9	.2	2	2	30	.34	.096	11	30	1.14	107	.11	2	2.39	.01	.08	1
3400E 600N	1	12	19	84	.1	18	7	987	1.43	5	5	ND	3	8	.3	2	2	22	.36	.084	10	23	.58	100	.08	3	1.23	.01	.06	1
RE 3400E 400N	1	9	15	102	.1	32	7	229	1.78	2	5	ND	4	15	.2	2	2	25	.22	.118	7	21	.36	180	.15	4	3.36	.02	.10	2
3400E 550N	1	5	7	103	.1	14	6	271	1.22	2	5	ND	3	7	.2	2	2	17	.13	.086	9	17	.25	106	.09	4	1.53	.01	.07	1
3400E 500N	1	17	11	95	.1	28	8	333	1.71	3	5	ND	5	20	.2	2	2	23	.32	.090	12	25	.45	161	.11	6	2.25	.02	.14	1
3400E 450N	1	6	9	107	.1	18	6	326	1.19	2	5	ND	3	9	.3	2	2	17	.15	.072	10	19	.32	106	.09	2	1.25	.01	.07	1
3400E 400N	1	11	15	109	.1	33	8	237	1.96	2	5	ND	4	16	.2	2	2	27	.23	.127	8	21	.38	189	.15	5	3.54	.02	.11	1
3400E 350N	1	6	11	81	.1	17	5	276	1.52	2	5	ND	3	13	.4	2	2	23	.15	.055	7	13	.16	133	.15	2	2.70	.02	.05	1
3400E 300N	1	11	14	149	.2	26	8	242	2.19	2	5	ND	3	9	.2	2	3	27	.13	.058	8	22	.32	119	.15	2	2.93	.01	.07	1
3400E 250N	1	13	17	114	.5	21	7	148	1.59	2	5	ND	4	9	.3	2	3	25	.18	.018	10	22	.38	148	.13	3	2.27	.01	.07	1
3400E 200N	1	16	33	190	5.7	8	3	63	.57	2	5	ND	1	69	1.4	2	2	7	28.07	.024	6	12	.34	75	.02	4	.52	.01	.03	1
3400E 150N	1	63	94	499	.8	61	26	1097	10.48	18	5	ND	7	37	1.4	2	2	67	1.38	.259	45	41	.85	465	.14	3	4.11	.02	.32	1
3400E 100N	1	59	46	508	1.3	53	11	460	3.65	3	5	ND	4	25	.9	2	3	31	.51	.078	32	23	.43	152	.25	3	6.09	.03	.13	1
3400E 50N	1	24	110	746	.1	56	13	1494	4.36	6	5	ND	4	26	1.9	2	2	43	.67	.150	26	82	.75	308	.07	4	3.02	.02	.14	1
3400E 0N	1	51	44	269	.3	29	12	1442	2.46	4	5	ND	2	32	1.2	2	2	36	.69	.135	8	24	.39	296	.13	5	2.10	.02	.11	1
3600E 750N	1	15	17	149	.1	35	11	683	3.04	2	5	ND	3	15	.3	2	2	39	.31	.240	8	29	.56	197	.17	4	3.14	.01	.14	1
3600E 700N	1	10	49	231	.1	26	12	2208	2.58	2	5	ND	3	16	.6	2	3	32	.22	.279	8	20	.39	420	.18	3	2.54	.02	.11	1
3600E 650N	1	20	12	161	.4	33	9	575	2.91	3	5	ND	4	19	.3	8	3	34	.31	.370	6	13	.19	169	.30	5	7.83	.03	.08	1
3600E 600N	1	20	17	158	.1	37	13	1400	3.69	2	5	ND	3	22	.2	2	4	40	.35	.069	9	28	.58	369	.18	2	3.36	.02	.19	5
3600E 550N	1	29	10	230	.1	24	21	3476	5.51	2	5	ND	2	29	.7	2	2	54	.67	.318	8	11	1.07	917	.29	3	3.50	.02	.76	1
3600E 500N	1	21	21	179	.1	32	12	931	2.85	2	5	ND	2	28	.5	2	4	31	.77	.378	7	19	.53	267	.18	4	2.62	.03	.17	1
3600E 450N	1	28	22	277	.1	31	12	654	3.26	2	5	ND	4	23	.5	2	4	36	.50	.441	10	28	.88	215	.22	4	3.54	.03	.30	1
3600E 400N	1	28	36	236	.1	33	13	2251	3.15	2	5	ND	2	21	.7	2	4	42	.44	.108	7	37	1.30	421	.26	3	2.54	.02	.62	1
STANDARD C	18	59	37	131	7.2	71	33	1040	3.92	39	16	7	36	50	18.6	15	18	57	.48	.090	37	57	.88	178	.09	33	1.86	.05	.15	12

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
3600E 350N	1	14	37	158	.1	19	8	1224	2.22	5	6	ND	3	21	.6	2	4	25	.38	.142	8	20	.41	221	.14	2	2.59	.02	.14	1
3600E 300N	1	51	36	214	.1	49	28	2420	4.97	2	5	ND	1	67	1.5	2	2	24	1.29	.182	5	17	.50	289	.11	6	3.23	.09	.11	10
3600E 250N	1	10	21	152	.3	21	9	571	2.22	10	7	ND	3	15	.3	4	6	25	.20	.122	6	16	.26	134	.17	3	3.10	.02	.08	1
3600E 200N	1	13	15	306	.1	25	18	879	4.09	6	5	ND	1	33	1.4	3	5	42	.68	.107	4	25	1.62	164	.33	3	2.89	.02	.37	1
3600E 150N	1	8	17	361	.1	14	7	1390	1.80	10	5	ND	2	12	1.2	2	2	20	.21	.329	6	15	.23	232	.14	3	2.50	.02	.06	1
3600E 100N	1	10	26	265	.1	16	8	408	2.66	5	5	ND	4	12	.7	2	3	29	.17	.389	6	15	.19	198	.23	3	5.35	.02	.06	1
3600E 50N	1	15	21	176	.2	21	9	1268	2.66	5	5	ND	4	12	.6	3	3	29	.27	.318	8	21	.30	300	.17	5	3.38	.02	.09	1
RE 3600E 100N	1	9	25	240	.1	13	7	369	2.43	4	5	ND	4	10	.8	3	4	26	.16	.336	5	12	.17	181	.21	3	4.86	.02	.05	1
3600E 0N	1	38	22	145	.2	76	9	1128	2.70	9	5	ND	3	37	1.0	2	3	20	1.00	.128	15	22	.37	80	.23	5	5.32	.04	.06	1
STANDARD C	20	62	42	136	7.3	76	32	1132	3.95	42	20	8	41	52	18.8	18	23	58	.50	.099	40	60	.91	185	.10	35	1.88	.06	.17	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ARC
Soils

GEOCHEMICAL ANALYSIS CERTIFICATE

Kokanee Explorations Ltd. File # 91-5499 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
0E 4800N	1	17	47	193	.1	40	11	249	3.37	5	5	ND	2	12	.2	2	2	49	.18	.039	6	57	1.05	126	.27	2	3.14	.01	.15	1
0E 4750N	1	23	244	287	.1	33	10	585	2.34	16	5	ND	5	20	.4	2	2	29	.29	.039	12	27	.58	187	.11	4	2.59	.01	.12	1
0E 4700N	1	33	151	213	.1	30	9	235	2.23	15	5	ND	7	12	.2	2	2	27	.18	.072	17	28	.54	93	.12	3	2.91	.01	.11	1
RE 0E 4450N	1	20	109	366	.1	49	11	776	2.36	10	5	ND	4	27	.6	2	2	30	.34	.159	11	26	.46	211	.16	5	3.01	.02	.14	1
0E 4650N	1	34	93	184	.1	34	10	534	2.60	10	5	ND	5	16	.3	2	2	33	.22	.071	12	37	.79	129	.17	4	3.24	.01	.19	1
0E 4600N	1	28	43	278	.1	74	17	1600	4.22	2	5	ND	3	30	.2	2	2	45	.25	.043	9	47	1.06	341	.26	5	4.31	.03	.30	1
0E 4550N	2	69	49	246	.1	64	19	1059	3.94	13	5	ND	3	20	.2	2	2	46	.25	.105	9	37	.86	202	.22	5	3.72	.02	.27	1
0E 4500N	1	39	78	316	.2	39	16	1093	2.79	17	5	ND	4	24	.5	2	2	34	.30	.404	11	28	.40	273	.20	4	3.66	.02	.13	1
0E 4450N	1	19	96	345	.1	47	11	734	2.24	12	5	ND	3	25	.5	2	2	29	.33	.149	10	26	.43	201	.15	4	2.79	.02	.13	1
0E 4400N	1	9	61	403	.3	20	6	228	1.74	8	5	ND	3	12	.6	2	2	21	.13	.290	6	16	.15	118	.12	4	2.48	.02	.06	1
0E 4350N	1	5	81	249	.1	9	6	1033	1.50	20	5	ND	3	11	.5	2	2	22	.11	.259	8	14	.13	136	.09	2	1.38	.01	.06	1
0E 4300N	1	17	138	306	.1	30	8	255	2.05	15	5	ND	5	17	.2	2	2	26	.22	.076	11	22	.36	163	.12	3	2.77	.02	.08	1
0E 4250N	1	25	91	175	.1	30	8	224	1.66	15	5	ND	5	15	.2	2	2	21	.23	.050	12	24	.42	145	.08	3	1.74	.01	.08	1
0E 4200N	1	14	49	297	.3	23	4	701	1.61	25	5	ND	3	29	.2	2	2	19	.21	.598	12	5	.13	289	.23	5	5.07	.04	.05	1
0E 4150N	1	33	154	290	.1	27	7	438	1.69	19	5	ND	5	19	.5	2	2	21	.27	.091	13	23	.44	133	.09	2	1.72	.01	.09	1
0E 4100N	1	17	126	519	.2	41	9	440	1.83	21	5	ND	3	23	.5	2	2	24	.28	.055	10	27	.49	157	.12	4	1.87	.01	.11	1
0E 4050N	1	13	66	466	.1	99	9	895	1.88	14	5	ND	3	38	.7	2	2	25	.27	.281	9	19	.32	393	.15	4	2.55	.03	.14	1
0E 4000N	1	16	79	252	.1	30	6	273	1.42	12	5	ND	3	12	.3	2	2	18	.17	.055	10	19	.29	111	.08	2	1.16	.01	.07	1
0E 3950N	1	12	140	471	.2	36	9	890	2.40	22	5	ND	4	24	1.0	2	2	29	.21	.279	9	18	.31	226	.21	3	3.99	.02	.11	1
0E 3900N	1	15	168	1044	.3	38	9	483	2.55	17	5	ND	4	27	2.0	2	2	30	.20	.156	9	18	.25	199	.25	4	4.90	.03	.10	1
0E 3850N	1	11	82	554	.1	23	7	493	1.62	12	5	ND	3	19	.6	2	2	22	.18	.063	8	18	.32	140	.13	4	1.93	.02	.08	1
0E 3800N	1	14	188	896	.6	35	7	582	1.98	35	5	ND	3	19	1.8	2	2	26	.17	.235	8	17	.29	281	.23	3	2.80	.03	.10	1
0E 3750N	1	19	137	345	.2	43	9	700	2.48	24	5	ND	5	27	.6	2	2	30	.25	.181	10	19	.29	213	.24	5	5.58	.03	.11	1
0E 3700N	1	21	188	375	.1	32	10	376	2.22	19	5	ND	4	13	.3	2	2	29	.16	.087	8	29	.45	152	.14	3	2.83	.01	.10	1
0E 3650N	1	41	227	407	.1	44	9	547	2.24	29	5	ND	4	15	.7	2	2	28	.22	.070	12	32	.52	131	.13	4	2.42	.02	.11	1
0E 3600N	1	33	288	437	.2	41	11	378	2.64	29	5	ND	4	22	.2	2	2	34	.29	.072	14	37	.57	118	.18	3	3.22	.02	.14	1
0E 3550N	1	23	332	746	.6	50	10	915	2.62	31	5	ND	4	49	1.7	2	2	30	.56	.158	15	31	.44	343	.23	5	3.94	.02	.13	1
0E 3500N	1	13	175	474	.4	35	7	566	1.50	12	5	ND	3	18	1.7	2	2	18	.21	.085	12	21	.29	170	.11	7	2.13	.02	.10	1
0E 3450N	1	12	250	929	.4	164	10	876	1.99	19	5	ND	2	25	2.1	2	2	25	.25	.082	11	21	.33	385	.20	3	2.44	.03	.13	1
0E 3400N	1	16	358	884	.3	63	10	558	2.36	73	5	ND	3	23	1.8	2	2	28	.29	.047	9	26	.40	260	.16	3	2.30	.02	.14	1
0E 3350N	1	30	267	589	.1	89	14	597	2.92	39	5	ND	4	23	.4	2	2	39	.24	.103	11	54	.63	330	.22	2	3.64	.02	.18	1
0E 3300N	1	34	261	440	.5	77	9	600	2.48	15	5	ND	4	32	.6	2	2	28	.29	.110	24	22	.36	322	.25	3	5.02	.03	.13	1
0E 3250N	1	43	264	431	.1	82	12	354	2.31	20	5	ND	5	21	.5	2	2	29	.24	.064	13	60	.67	220	.15	2	2.91	.02	.13	1
0E 3200N	1	36	125	555	.1	65	12	192	3.16	13	5	ND	4	20	.5	2	2	33	.16	.038	10	38	.54	200	.22	2	2.72	.02	.19	1
0E 3150N	1	49	61	454	.8	69	10	326	3.81	8	5	ND	4	50	.3	2	2	45	.35	.112	16	40	.48	216	.27	2	4.20	.04	.21	1
0E 3100N	1	23	63	281	.3	50	13	807	2.32	7	5	ND	3	18	.4	2	2	27	.19	.247	8	29	.39	287	.16	2	2.65	.02	.14	1
0E 3050N	1	16	88	290	.1	36	9	670	1.91	10	5	ND	3	24	.4	2	2	25	.21	.143	8	26	.35	224	.15	2	2.53	.02	.10	1
STANDARD C	18	58	39	133	6.9	70	33	1049	3.98	41	16	7	36	53	18.4	16	17	54	.48	.090	37	58	.89	176	.09	33	1.89	.06	.15	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 18 1991 **DATE REPORT MAILED:** Nov 20/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
0E 3000N	1	16	89	487	.1	37	10	692	2.00	19	5	ND	4	13	1.5	2	2	26	.16	.175	8	26	.35	189	.14	2	2.87	.02	.09	3
RE 0E 2750N	1	48	72	229	.1	50	11	639	2.76	9	5	ND	4	16	.3	2	2	37	.18	.121	9	49	.57	220	.22	2	3.59	.02	.14	1
0E 2950N	1	20	142	381	.1	38	9	665	2.13	14	5	ND	4	12	.7	2	2	25	.17	.091	11	29	.41	153	.13	2	2.68	.02	.09	1
0E 2900N	1	19	83	468	.1	46	10	384	2.55	18	5	ND	4	21	.6	2	2	28	.23	.190	7	35	.48	182	.17	2	3.71	.02	.10	1
0E 2850N	1	19	96	229	.4	38	8	168	2.39	7	5	ND	4	35	.3	2	2	28	.28	.039	13	26	.33	201	.22	2	4.68	.03	.07	1
0E 2800N	1	43	51	514	.3	83	17	369	2.97	3	5	ND	3	26	.6	2	2	43	.23	.044	18	56	.64	252	.26	2	4.38	.03	.20	1
0E 2750N	1	49	83	222	.1	48	11	682	2.78	6	5	ND	3	17	.2	2	2	37	.17	.132	9	48	.58	225	.23	2	3.69	.02	.14	1
0E 2700N	1	19	112	404	.1	34	8	270	2.36	8	5	ND	4	13	.4	2	2	29	.14	.107	8	28	.41	152	.19	2	3.87	.02	.08	1
0E 2650N	1	14	79	323	.1	50	9	355	2.37	7	5	ND	4	24	.2	2	2	27	.19	.038	13	24	.34	248	.22	2	4.77	.03	.12	1
0E 2600N	1	11	162	350	.1	115	9	978	2.35	18	5	ND	3	14	.7	2	2	28	.14	.064	7	23	.28	210	.22	2	3.29	.02	.09	1
0E 2550N	1	21	180	193	.1	70	9	327	2.13	7	5	ND	4	13	.3	2	2	28	.16	.049	10	33	.33	178	.14	2	3.30	.02	.10	1
0E 2500N	1	42	135	285	.1	199	11	529	2.91	5	5	ND	4	40	.4	2	2	32	.30	.042	21	49	.48	385	.17	2	3.92	.03	.17	1
0E 2450N	1	10	81	206	.2	48	10	431	2.15	6	5	ND	5	29	.4	2	2	27	.25	.031	8	25	.26	218	.23	2	2.86	.02	.08	1
0E 2400N	1	19	48	153	.1	31	7	230	2.67	10	5	ND	4	20	.2	2	2	34	.17	.317	7	20	.33	222	.22	2	4.90	.02	.08	1
0E 2350N	1	16	61	169	.1	27	8	978	2.29	5	5	ND	3	15	.3	2	2	30	.16	.119	7	22	.34	197	.17	2	3.50	.02	.10	1
0E 2300N	1	20	54	138	.1	26	8	976	2.57	10	5	ND	3	18	.5	2	2	33	.15	.104	10	29	.41	201	.17	2	2.91	.02	.14	1
0E 2250N	1	20	43	128	.1	27	9	827	2.83	5	5	ND	3	15	.3	2	2	35	.12	.070	8	29	.41	169	.23	2	2.80	.02	.15	1
0E 2200N	1	17	43	139	.1	32	11	1157	2.23	2	5	ND	3	14	.2	2	2	29	.14	.055	8	26	.36	195	.17	2	2.90	.02	.13	1
0E 2150N	1	45	104	91	.1	22	29	433	2.49	8	5	ND	5	21	.2	3	2	34	.15	.078	16	21	.25	117	.24	3	5.08	.02	.07	1
0E 2100N	1	19	48	143	.1	21	10	1217	2.43	2	5	ND	3	15	.2	2	2	34	.12	.058	9	22	.31	245	.23	2	2.55	.02	.15	1
0E 2050N	1	15	51	121	.1	31	12	1065	2.07	2	5	ND	3	14	.3	2	2	27	.11	.035	11	25	.31	137	.16	3	2.88	.02	.10	1
0E 2000N	1	21	73	296	.1	29	11	2225	2.36	20	5	ND	2	52	1.4	2	2	31	.48	.188	9	19	.37	505	.16	2	2.58	.02	.18	1
0E 1950N	1	19	43	343	.1	52	12	1002	2.05	2	5	ND	3	29	.4	2	2	26	.26	.137	28	17	.29	274	.22	2	3.66	.03	.11	1
0E 1900N	1	23	49	261	.1	65	21	1139	2.35	3	5	ND	4	18	.4	2	2	28	.16	.132	18	25	.37	165	.20	2	4.07	.02	.12	1
0E 1850N	1	23	28	193	.1	36	9	590	2.73	3	5	ND	3	28	.3	2	2	34	.23	.069	9	34	.49	317	.23	2	2.56	.02	.22	1
0E 1800N	1	80	35	167	.1	51	18	477	3.65	3	5	ND	4	52	.4	2	2	55	.34	.055	11	41	.92	340	.29	3	3.51	.02	.44	1
0E 1750N	1	40	49	132	.1	40	13	308	2.99	6	5	ND	5	23	.2	2	2	40	.16	.059	12	36	.53	159	.24	2	4.03	.02	.18	1
0E 1700N	1	33	77	152	.1	41	15	783	3.72	14	5	ND	4	27	.9	2	2	49	.19	.084	10	50	.76	178	.27	2	3.09	.02	.29	1
0E 1650N	1	23	105	228	.1	28	8	1590	2.55	5	5	ND	4	15	.2	2	2	35	.15	.200	9	23	.41	244	.23	2	3.91	.02	.12	1
0E 1600N	1	23	84	158	.1	33	9	479	3.00	4	5	ND	4	16	.2	2	2	42	.13	.067	7	30	.44	171	.26	2	5.01	.01	.13	1
0E 1550N	1	38	29	135	.1	69	16	520	4.35	6	5	ND	3	24	.2	2	2	72	.22	.081	7	126	1.41	158	.35	2	4.48	.02	.32	1
0E 1500N	1	54	96	150	.1	37	9	391	2.71	10	5	ND	5	19	.2	2	2	37	.20	.089	10	44	.79	127	.22	2	3.75	.01	.16	1
0E 1450N	1	42	166	376	.1	31	9	848	2.74	7	5	ND	4	27	.3	2	2	32	.25	.159	11	30	.67	289	.23	3	3.59	.02	.23	1
0E 1400N	1	38	237	311	.1	50	9	419	2.44	9	5	ND	4	24	.2	2	2	31	.28	.053	16	46	.72	131	.16	2	2.50	.02	.24	1
200E 4800N	1	29	116	414	.1	41	11	205	2.59	12	5	ND	4	13	.2	2	2	31	.17	.130	9	36	.57	116	.16	2	3.44	.01	.11	1
200E 4750N	1	17	81	343	.2	466	26	553	2.58	13	5	ND	3	17	.4	2	2	30	.14	.132	6	192	.81	172	.18	2	3.39	.02	.08	1
200E 4700N	1	16	48	181	.1	43	9	424	3.70	8	5	ND	3	11	.2	2	2	48	.10	.061	7	40	.57	172	.30	2	2.83	.02	.14	1
STANDARD C	18	56	39	132	6.9	70	32	1039	3.96	43	17	7	36	52	18.5	15	19	57	.48	.090	36	58	.88	177	.09	32	1.89	.06	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
200E 4650N	1	21	62	277	.1	33	10	1056	2.83	5	5	ND	4	18	.2	2	2	34	.26	.189	8	37	1.04	219	.21	3	3.44	.05	.28	1
200E 4600N	1	32	272	1229	.4	285	16	6739	3.90	6	5	ND	3	37	4.7	2	2	33	.29	.130	21	41	.53	550	.19	4	4.49	.04	.28	1
200E 4550N	1	14	87	266	.1	52	11	1411	2.31	14	5	ND	2	15	.7	2	2	32	.18	.051	8	48	.44	173	.18	2	1.53	.03	.11	1
200E 4500N	1	52	57	176	.1	242	27	657	3.78	14	5	ND	4	16	.2	2	2	58	.19	.107	7	215	1.95	159	.30	2	4.88	.03	.24	1
200E 4450N	1	22	102	405	.5	75	12	375	2.57	7	5	ND	5	24	1.0	2	2	29	.24	.156	11	39	.46	221	.20	4	4.77	.04	.15	1
200E 4400N	1	27	98	311	.3	47	10	348	2.62	11	5	ND	5	20	.6	2	2	29	.21	.101	16	28	.48	160	.19	3	4.55	.04	.15	1
200E 4350N	1	21	108	263	.2	33	10	572	2.59	14	5	ND	4	14	.2	2	2	30	.16	.086	10	29	.48	161	.16	3	2.87	.03	.11	1
200E 4300N	1	26	47	295	.1	61	18	2462	3.43	8	5	ND	2	27	.2	2	2	55	.38	.119	5	72	1.02	329	.26	2	3.33	.06	.19	1
200E 4250N	1	19	100	223	.3	29	8	308	2.51	15	5	ND	5	12	.2	2	2	30	.15	.065	8	28	.38	134	.17	2	3.12	.02	.09	1
200E 4200N	1	27	85	246	.1	54	17	1317	3.98	15	5	ND	3	32	.2	2	2	68	.35	.132	8	97	1.20	291	.27	4	4.42	.05	.52	3
200E 4150N	1	20	78	460	.4	44	10	212	2.23	11	5	ND	5	19	1.0	2	2	24	.19	.045	11	29	.38	153	.14	3	3.38	.04	.11	1
200E 4100N	1	27	126	452	1.2	112	9	191	2.90	21	5	ND	4	56	.7	2	2	26	.47	.042	21	42	.36	230	.19	4	4.60	.06	.15	1
200E 4050N	1	27	153	471	1.3	104	8	196	3.11	26	5	ND	4	53	.5	2	2	26	.35	.081	19	35	.28	279	.19	3	5.24	.04	.14	1
200E 4000N	1	16	78	458	.1	53	9	715	2.31	12	5	ND	4	15	.3	2	2	25	.17	.121	11	43	.49	154	.12	3	2.58	.02	.11	1
200E 3950N	1	17	223	567	.4	50	11	462	2.64	23	5	ND	3	20	.6	2	2	29	.18	.106	8	30	.41	178	.18	3	3.71	.04	.13	1
200E 3900N	1	14	157	617	.9	46	13	648	2.44	15	5	ND	4	27	1.4	2	2	28	.18	.092	9	20	.28	198	.22	4	4.30	.05	.10	1
200E 3850N	1	26	160	410	.4	40	10	597	2.40	29	5	ND	4	15	.6	2	2	28	.19	.086	11	31	.52	163	.14	2	2.51	.03	.13	1
200E 3800N	1	12	125	436	.2	25	9	1023	1.92	18	5	ND	3	15	.6	2	2	23	.15	.082	9	22	.34	231	.13	3	1.82	.03	.11	1
200E 3750N	1	31	218	454	.4	36	10	530	2.58	32	5	ND	5	18	.4	2	2	31	.26	.092	9	27	.45	173	.15	2	3.00	.03	.10	1
200E 3700N	1	16	145	492	.2	27	8	1249	2.16	18	5	ND	4	22	.6	2	2	24	.26	.098	11	23	.38	251	.14	3	2.31	.02	.14	1
200E 3650N	1	8	139	449	.1	31	10	1086	2.22	11	5	ND	3	20	.6	3	2	27	.17	.067	9	20	.25	212	.16	3	2.99	.04	.11	1
200E 3600N	1	17	256	401	.5	38	9	804	2.34	25	5	ND	3	19	.6	2	2	28	.21	.087	8	20	.25	196	.17	3	3.12	.04	.12	1
200E 3550N	1	21	285	296	.2	42	14	541	2.51	10	5	ND	3	17	.2	2	2	32	.19	.087	9	36	.40	145	.18	3	3.01	.03	.14	1
200E 3500N	1	24	280	398	.2	37	12	1939	2.78	16	5	ND	4	19	.4	2	2	34	.19	.141	9	29	.42	225	.18	3	3.81	.03	.14	1
200E 3450N	1	17	172	222	.1	75	12	1360	2.58	10	5	ND	3	19	.3	2	2	32	.21	.082	9	50	.48	299	.19	3	3.26	.03	.14	1
200E 3400N	1	25	208	300	.1	53	15	923	2.85	14	5	ND	5	20	.2	2	2	36	.20	.075	11	44	.59	193	.18	2	3.20	.03	.19	1
RE 200E 3600N	1	14	269	406	.5	40	9	809	2.46	26	5	ND	3	20	.6	2	2	30	.20	.093	8	21	.27	204	.18	4	3.28	.05	.15	1
200E 3350N	1	13	89	202	.1	194	16	862	2.19	13	5	ND	3	22	.3	2	2	27	.23	.066	9	45	.40	182	.15	2	2.88	.04	.15	1
200E 3300N	1	27	24	166	.1	417	38	939	3.21	5	5	ND	1	17	.2	2	2	52	.23	.036	3	405	2.23	235	.27	2	2.95	.02	.12	1
200E 3250N	1	32	80	205	.1	132	18	1429	2.82	25	5	ND	4	14	.8	2	2	39	.18	.081	10	156	1.14	210	.18	2	2.73	.02	.20	1
200E 3200N	1	26	184	282	.1	34	9	493	3.10	23	5	ND	4	9	.2	2	2	38	.10	.120	10	42	.40	113	.17	2	2.49	.03	.17	1
200E 3150N	1	40	82	205	.1	74	16	866	3.26	10	5	ND	6	23	.2	2	2	49	.24	.051	11	69	.91	249	.22	3	3.55	.03	.28	1
200E 3100N	1	39	60	296	.1	116	21	497	3.94	5	5	ND	5	34	.2	2	2	52	.27	.087	11	74	.91	280	.26	5	4.26	.04	.36	1
200E 3050N	1	52	52	254	.2	72	19	479	3.60	13	5	ND	8	27	.2	2	2	41	.18	.046	18	62	.69	336	.25	2	2.79	.03	.37	1
200E 3000N	1	18	139	363	.2	53	10	296	2.32	20	5	ND	5	17	.3	2	2	26	.18	.076	12	34	.47	178	.13	3	2.23	.03	.14	1
200E 2950N	1	23	67	346	.3	76	13	326	3.19	5	5	ND	4	26	.5	2	2	39	.23	.057	15	40	.53	241	.22	4	4.95	.04	.22	1
200E 2900N	1	13	48	227	.3	52	9	801	2.32	2	5	ND	4	22	.5	2	2	27	.18	.083	11	25	.27	275	.21	4	4.34	.04	.12	1
STANDARD C	19	56	40	128	7.1	69	33	1042	3.89	44	20	7	38	52	18.5	17	19	55	.48	.086	38	57	.87	170	.09	33	1.86	.09	.16	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
200E 2850N	1	13	40	239	.1	35	8	632	2.22	11	5	ND	3	24	.3	2	2	26	.22	.216	8	23	.27	324	.21	2	4.06	.02	.10	1
200E 2800N	1	18	43	252	.1	40	11	1498	2.39	10	5	ND	2	27	.8	2	2	32	.30	.283	6	29	.33	329	.20	4	3.42	.02	.11	1
200E 2750N	1	14	26	293	.3	65	10	761	2.60	2	5	ND	3	26	.4	2	2	32	.23	.196	11	13	.19	241	.27	2	6.95	.03	.07	1
200E 2700N	1	9	39	247	.1	31	8	1294	2.14	6	5	ND	3	18	.4	2	2	28	.17	.071	8	19	.26	304	.21	2	2.39	.02	.07	1
200E 2650N	1	21	55	211	.1	51	11	623	2.63	10	5	ND	3	24	.3	2	2	33	.28	.079	8	45	.57	250	.17	2	3.31	.01	.12	1
200E 2600N	1	30	33	236	.1	82	17	531	2.97	5	5	ND	3	17	.3	2	2	37	.16	.040	9	50	.54	240	.19	2	2.90	.02	.14	1
200E 2550N	1	11	30	325	.1	44	13	608	2.86	7	5	ND	3	21	.4	2	2	37	.18	.200	6	17	.19	207	.28	2	5.73	.03	.08	1
200E 2500N	1	43	36	223	.1	57	15	411	3.52	4	5	ND	4	15	.2	2	2	47	.13	.079	11	62	.79	191	.24	2	3.56	.01	.22	1
200E 2450N	4	90	23	255	.1	58	17	430	6.54	3	5	ND	5	65	1.1	2	2	63	.25	.145	14	31	.70	488	.25	2	3.74	.03	.36	1
200E 2400N	1	38	42	162	.1	41	11	378	2.93	2	5	ND	5	29	.6	2	2	38	.27	.113	12	26	.49	222	.23	2	4.89	.02	.16	1
200E 2350N	1	36	26	97	.1	41	11	380	2.67	2	5	ND	4	25	.2	2	2	35	.24	.054	12	42	.55	194	.23	2	3.79	.02	.15	1
200E 2300N	1	19	29	180	.1	47	12	411	2.39	2	5	ND	3	21	.5	2	2	33	.20	.101	8	30	.42	314	.22	3	3.72	.02	.13	1
200E 2250N	1	12	30	138	.1	23	10	833	2.23	2	5	ND	3	25	.2	2	2	29	.21	.091	6	13	.21	354	.24	2	4.21	.02	.07	1
200E 2200N	1	12	27	243	.1	26	11	1996	2.06	2	5	ND	2	28	.3	2	2	24	.25	.161	10	15	.25	388	.15	2	2.88	.02	.10	1
200E 2150N	1	49	28	176	.1	90	19	1817	3.50	12	5	ND	2	29	.6	2	2	49	.43	.298	6	33	.64	398	.27	3	4.96	.03	.24	1
200E 2100N	1	54	72	117	.1	47	11	356	2.72	9	5	ND	6	15	.3	2	2	35	.19	.072	11	48	.63	170	.16	2	3.06	.01	.12	1
200E 2050N	1	40	36	168	.1	51	12	726	3.32	4	5	ND	5	23	.2	2	3	38	.18	.137	11	45	.60	250	.24	2	4.41	.02	.19	1
200E 2000N	1	25	35	149	.1	47	13	1049	2.95	6	5	ND	4	19	.2	2	2	37	.19	.176	7	27	.44	373	.25	3	4.87	.02	.15	1
200E 1950N	1	33	46	151	.1	55	24	311	2.44	3	5	ND	4	22	.3	2	2	35	.21	.100	11	34	.41	158	.25	2	4.05	.02	.10	1
200E 1900N	1	21	46	168	.1	40	17	2042	2.77	4	5	ND	3	32	.8	2	2	38	.34	.083	10	33	.48	380	.24	3	2.87	.03	.23	1
200E 1850N	2	137	21	204	.1	128	32	609	5.33	2	5	ND	2	29	.4	2	2	88	.38	.101	7	143	1.93	287	.39	2	4.24	.02	.70	2
200E 1800N	1	54	62	167	.1	55	14	281	3.24	10	5	ND	5	30	.2	2	2	45	.29	.082	10	57	.90	142	.25	3	3.98	.02	.25	1
200E 1750N	1	74	35	299	.1	40	16	630	2.63	8	5	ND	3	59	.9	2	2	38	.48	.171	10	24	.71	589	.23	4	2.73	.02	.30	1
200E 1700N	1	18	27	219	.1	27	7	1469	2.40	4	5	ND	3	27	.2	2	2	27	.20	.139	10	13	.27	541	.24	3	4.54	.03	.10	1
200E 1650N	1	14	39	286	.1	32	10	520	2.17	6	5	ND	3	24	.2	2	2	24	.27	.083	10	24	.38	274	.15	4	2.90	.02	.12	1
200E 1600N	1	15	53	249	.1	32	7	494	1.96	5	5	ND	3	26	.5	2	2	24	.28	.052	8	22	.34	184	.14	2	2.44	.02	.12	1
200E 1550N	1	13	29	235	.1	39	7	903	1.86	3	5	ND	2	42	.2	2	2	21	.43	.282	11	19	.32	501	.13	2	2.23	.02	.17	1
200E 1500N	1	15	25	170	.1	36	7	643	2.40	4	5	ND	4	30	.2	3	2	28	.29	.130	19	18	.29	321	.25	8	5.04	.03	.14	1
200E 1450N	1	40	20	126	.2	150	22	412	3.33	2	5	ND	2	34	.2	2	2	36	.72	.015	6	143	1.76	110	.33	3	3.25	.03	.17	1
200E 1400N	1	31	44	122	.1	132	19	457	3.07	5	5	ND	1	37	.2	2	2	34	.54	.014	5	82	1.08	172	.28	4	3.61	.03	.15	1
RE 200E 1600N	1	13	53	253	.1	34	8	503	1.98	7	5	ND	4	27	.5	2	2	25	.28	.052	9	23	.35	178	.15	4	2.48	.02	.12	1
400E 4800N	1	27	116	316	.2	58	13	225	3.27	15	5	ND	3	12	.2	2	2	36	.13	.090	5	29	.28	157	.26	2	5.42	.02	.09	1
400E 4750N	1	12	92	357	.1	46	10	479	2.03	16	5	ND	3	12	.2	2	2	28	.13	.044	6	28	.30	136	.18	2	2.93	.02	.08	1
400E 4700N	1	24	69	326	.1	66	14	994	2.78	10	5	ND	3	22	.2	2	2	35	.23	.128	7	48	.58	285	.23	2	4.07	.02	.14	1
400E 4650N	1	52	134	283	.1	56	19	475	2.75	12	5	ND	5	13	.2	2	2	33	.13	.085	14	35	.50	195	.23	2	3.93	.02	.11	1
400E 4600N	1	13	70	622	.3	48	8	957	1.80	7	5	ND	3	14	1.5	2	2	22	.14	.174	9	19	.29	309	.15	2	2.42	.02	.10	1
400E 4550N	1	48	119	323	.4	46	11	370	2.52	18	5	ND	4	15	.3	2	3	35	.20	.116	9	37	.55	146	.21	3	3.17	.02	.14	1
STANDARD C	18	57	39	133	6.8	72	33	1054	3.96	42	17	7	35	52	18.5	16	17	54	.49	.090	37	58	.89	176	.09	34	1.89	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
400E 4500N	1	25	178	660	.3	63	11	485	2.12	22	5	ND	3	18	.9	2	2	27	.29	.193	7	25	.43	172	.15	3	2.25	.02	.09	1
400E 4450N	1	28	109	334	.2	53	11	645	2.44	14	5	ND	3	17	.3	2	2	34	.27	.134	8	53	.67	185	.16	4	2.33	.01	.16	1
400E 4400N	1	12	188	890	.5	53	9	792	2.31	16	5	ND	3	16	1.4	2	3	24	.20	.294	7	27	.38	325	.22	5	2.74	.02	.10	1
400E 4350N	1	11	131	624	.3	49	9	616	1.86	12	5	ND	2	17	.8	2	2	23	.17	.075	7	21	.27	243	.18	4	2.22	.02	.08	1
RE 400E 4150N	1	12	97	595	.4	61	14	1152	2.13	6	5	ND	3	16	1.3	2	2	23	.18	.079	11	27	.36	350	.20	5	2.72	.02	.10	1
400E 4300N	1	21	101	247	.2	77	9	703	2.04	14	5	ND	4	16	.6	2	2	23	.22	.069	10	27	.42	286	.14	5	2.29	.01	.12	1
400E 4250N	1	11	69	418	.1	31	8	892	1.76	12	5	ND	3	15	.9	2	2	21	.20	.285	7	20	.31	205	.11	3	1.93	.01	.08	1
400E 4200N	1	18	125	610	.4	38	9	582	2.01	13	5	ND	3	14	.6	2	2	25	.17	.121	8	23	.26	175	.14	2	2.31	.02	.08	1
400E 4150N	1	12	99	601	.3	61	13	1117	2.14	7	5	ND	3	16	1.3	2	2	23	.18	.084	10	28	.35	346	.20	2	2.73	.02	.10	1
400E 4100N	1	19	103	351	.2	42	11	1225	2.17	13	5	ND	3	12	.5	2	2	25	.15	.112	9	25	.36	260	.14	2	2.22	.01	.09	1
400E 4050N	1	27	119	690	.2	38	8	644	2.06	84	5	ND	3	13	.6	2	2	21	.15	.117	10	34	.45	160	.10	2	1.79	.01	.08	1
400E 4000N	1	13	92	558	.7	39	7	318	1.88	15	5	ND	3	20	.8	2	2	23	.26	.073	9	23	.36	159	.13	2	2.19	.02	.08	1
400E 3950N	1	11	145	622	.6	32	7	557	1.74	15	5	ND	3	15	.9	2	2	21	.18	.142	9	21	.37	290	.13	2	1.92	.02	.09	1
400E 3900N	1	27	80	350	.1	49	10	401	2.30	11	5	ND	4	17	.3	2	2	27	.19	.053	14	50	.61	267	.15	2	2.50	.02	.13	1
400E 3850N	1	23	122	367	.2	47	10	892	2.40	10	5	ND	3	15	.3	2	2	29	.17	.061	9	35	.45	314	.17	3	2.89	.02	.10	1
400E 3800N	1	16	109	229	.4	31	6	326	1.48	15	5	ND	2	20	.2	2	2	24	.24	.017	7	24	.30	94	.13	2	2.29	.02	.08	1
400E 3750N	1	5	21	32	.2	5	1	114	.40	2	5	ND	1	46	.4	2	2	10	.43	.006	6	5	.05	70	.05	3	.25	.01	.02	1
400E 3700N	1	9	41	212	.1	17	6	885	1.25	6	5	ND	3	8	.3	2	2	15	.12	.040	12	21	.32	55	.07	2	.87	.01	.05	1
400E 3650N	1	26	48	178	.1	62	11	363	2.87	6	5	ND	4	18	.2	2	2	36	.17	.038	8	53	.67	205	.22	2	3.49	.02	.14	1
400E 3600N	1	14	56	305	.1	33	7	467	2.37	3	5	ND	3	25	.3	2	2	28	.21	.094	7	27	.36	300	.19	2	3.16	.02	.13	1
400E 3550N	1	10	39	374	.2	18	6	1282	2.18	5	5	ND	2	19	.6	2	2	28	.14	.169	8	13	.21	386	.19	2	2.65	.02	.09	1
400E 3500N	1	13	56	296	.1	24	8	728	2.46	8	5	ND	2	13	.2	2	2	30	.10	.143	6	19	.31	298	.21	2	2.60	.01	.09	1
400E 3450N	1	14	64	271	.1	17	7	1334	2.36	12	5	ND	2	19	.2	2	2	27	.16	.287	7	16	.25	340	.16	2	2.40	.01	.11	1
400E 3400N	1	28	135	350	.2	80	12	542	2.91	5	5	ND	4	35	.2	2	2	32	.27	.103	12	56	.50	278	.24	2	4.46	.02	.12	1
400E 3350N	1	19	71	332	.1	55	10	1107	2.45	14	5	ND	3	25	.2	2	2	27	.19	.398	8	33	.47	339	.17	2	3.31	.02	.11	1
400E 3300N	1	30	81	197	.1	41	10	240	2.47	9	5	ND	5	16	.2	2	2	29	.17	.061	11	42	.60	181	.15	2	2.99	.01	.12	1
400E 3250N	1	9	50	331	.1	19	7	1294	1.70	4	5	ND	2	18	.4	2	2	21	.16	.041	9	21	.31	272	.13	2	1.25	.01	.14	1
400E 3200N	1	11	111	336	.2	45	11	643	2.36	9	5	ND	2	16	.2	2	2	28	.13	.101	7	18	.27	189	.24	2	3.50	.02	.08	1
400E 3150N	1	16	250	497	.1	45	12	963	2.90	13	5	ND	3	29	.3	2	2	34	.27	.110	6	29	.33	280	.26	2	4.30	.02	.10	2
400E 3100N	1	23	113	259	.1	34	10	608	2.72	24	5	ND	3	11	.2	2	2	33	.11	.077	8	29	.40	192	.22	2	3.05	.01	.09	1
400E 3050N	1	46	130	288	.2	50	13	373	2.84	11	5	ND	4	17	.2	2	2	35	.20	.088	10	47	.65	168	.22	2	3.55	.01	.14	1
400E 3000N	1	41	167	544	.1	172	14	1404	3.73	6	5	ND	5	51	.2	2	2	38	.39	.050	24	58	.72	351	.22	2	4.45	.02	.24	1
400E 2950N	1	21	94	343	.1	46	12	1208	3.18	8	5	ND	3	19	.2	2	2	36	.18	.159	9	32	.40	306	.24	2	3.40	.02	.14	1
400E 2900N	1	23	116	229	.1	35	10	511	2.99	8	5	ND	3	17	.2	2	2	36	.15	.097	9	32	.49	182	.23	2	3.14	.01	.13	1
400E 2850N	1	10	68	259	.2	35	10	1293	2.10	5	5	ND	2	27	.3	2	2	24	.22	.085	8	21	.31	415	.17	2	2.00	.02	.12	1
400E 2800N	1	46	79	212	.2	66	9	986	3.22	8	5	ND	5	29	.2	2	2	33	.22	.081	19	51	.56	297	.14	2	3.27	.02	.19	1
400E 2750N	1	16	42	139	.1	20	6	458	2.41	2	5	ND	3	14	.2	2	2	30	.12	.162	6	14	.21	239	.25	2	4.52	.02	.06	1
STANDARD C	18	57	36	131	6.9	70	30	1018	3.92	39	16	6	36	49	17.8	15	19	56	.48	.089	37	58	.88	177	.09	34	1.86	.06	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
400E 2700N	1	25	26	107	.1	30	8	477	2.36	2	5	ND	4	18	.2	2	2	28	.19	.088	12	43	.56	166	.14	3	3.73	.02	.15	1
400E 2650N	1	12	37	170	.1	42	11	365	2.51	2	5	ND	3	18	.2	2	2	30	.14	.063	6	21	.26	213	.20	5	5.00	.04	.11	1
400E 2600N	1	11	22	139	.1	27	7	374	1.97	2	5	ND	3	13	.2	2	2	23	.11	.049	8	23	.28	179	.15	2	3.22	.03	.10	1
400E 2550N	1	13	37	171	.1	23	9	740	2.45	2	5	ND	4	15	.2	2	2	29	.11	.151	6	18	.19	206	.21	4	5.41	.04	.10	1
400E 2500N	1	15	33	187	.1	25	8	1359	2.33	8	5	ND	3	22	.3	2	2	27	.18	.142	9	29	.40	333	.14	3	2.49	.03	.15	1
400E 2450N	1	6	24	168	.1	10	5	572	1.01	4	5	ND	1	17	.2	2	2	16	.18	.020	9	15	.21	93	.09	2	.58	.02	.09	1
400E 2400N	1	10	30	186	.1	14	6	1596	1.70	3	5	ND	2	18	.4	2	2	22	.15	.056	9	16	.24	245	.11	4	1.70	.03	.10	1
400E 2350N	1	13	30	139	.1	27	8	466	2.43	3	5	ND	4	14	.3	2	2	28	.12	.107	6	20	.30	169	.19	3	4.40	.02	.09	1
400E 2300N	1	24	22	189	.1	48	12	363	2.69	5	5	ND	4	26	.2	2	2	32	.20	.121	10	50	.62	195	.17	3	3.72	.02	.14	1
RE 400E 2050N	1	24	25	149	.1	39	11	576	2.46	5	5	ND	3	21	.2	2	2	26	.21	.085	9	35	.40	188	.13	3	2.66	.03	.14	1
400E 2250N	1	21	26	159	.1	32	11	564	3.00	2	5	ND	5	21	.2	2	2	36	.15	.052	11	31	.41	259	.21	3	4.42	.03	.15	1
400E 2200N	1	26	24	177	.1	55	13	1347	2.85	2	5	ND	4	18	.2	2	2	35	.17	.110	10	51	.61	427	.20	2	3.44	.03	.16	1
400E 2150N	1	37	28	113	.1	50	13	341	2.89	2	5	ND	4	17	.2	2	2	41	.20	.031	11	42	.65	204	.20	3	3.38	.03	.20	1
400E 2100N	1	25	29	93	.1	46	14	191	2.88	3	5	ND	4	14	.2	2	2	40	.14	.018	9	47	.46	179	.23	2	4.03	.03	.12	1
400E 2050N	1	25	27	146	.1	38	11	580	2.45	5	5	ND	4	21	.2	2	2	26	.21	.082	9	35	.39	185	.14	3	2.64	.03	.14	1
400E 2000N	1	17	28	170	.1	38	10	498	2.53	2	5	ND	4	15	.2	2	2	32	.15	.096	8	33	.38	194	.20	3	4.49	.03	.10	1
400E 1950N	1	19	24	114	.1	30	9	467	2.47	2	5	ND	3	11	.2	2	2	31	.10	.073	8	27	.35	185	.17	4	3.69	.03	.10	1
400E 1900N	1	16	29	115	.1	36	9	789	2.14	4	5	ND	3	12	.2	2	2	26	.15	.063	9	40	.50	150	.13	2	2.19	.02	.12	1
400E 1850N	1	14	27	164	.1	30	11	1057	2.09	5	5	ND	2	25	.3	2	2	29	.28	.076	8	37	.46	210	.19	3	2.14	.03	.12	1
400E 1800N	1	19	23	128	.1	24	10	731	2.65	2	5	ND	3	16	.2	2	2	33	.15	.117	7	25	.49	200	.21	2	4.08	.02	.09	1
400E 1750N	1	25	30	105	.1	28	10	275	2.43	5	5	ND	4	13	.2	2	2	31	.16	.108	9	29	.49	129	.16	3	2.82	.02	.13	1
400E 1700N	1	18	22	174	.1	37	11	736	2.93	3	5	ND	3	25	.2	2	2	34	.31	.232	6	35	.95	318	.26	4	4.81	.04	.21	1
400E 1650N	1	21	23	148	.1	26	8	391	1.93	6	5	ND	4	24	.2	2	2	23	.29	.161	14	22	.36	239	.17	2	2.84	.04	.13	1
400E 1600N	1	14	35	295	.1	23	10	864	2.17	7	5	ND	2	22	.5	2	2	26	.26	.149	8	23	.41	299	.18	3	2.06	.03	.15	1
400E 1550N	1	70	52	216	.1	43	11	795	2.43	9	5	ND	3	16	.4	2	2	33	.18	.034	9	34	.63	217	.16	2	2.95	.02	.14	1
400E 1500N	1	31	35	145	.2	30	10	907	2.44	2	5	ND	3	17	.4	2	2	33	.19	.080	17	20	.37	124	.22	3	3.97	.05	.13	1
400E 1450N	1	25	35	256	.1	31	9	498	2.11	87	5	ND	3	20	.2	2	2	27	.28	.058	9	27	.67	243	.16	2	2.52	.03	.16	1
400E 1400N	1	17	77	294	.2	26	7	1325	1.73	16	5	ND	2	55	1.7	2	2	20	.80	.286	7	21	.31	501	.14	5	2.20	.04	.13	1
600E 4800N	1	18	107	338	.3	43	10	885	2.32	22	5	ND	4	19	.9	2	2	29	.20	.199	7	34	.39	221	.17	3	3.41	.03	.13	1
600E 4750N	1	61	214	429	.2	67	14	418	2.79	49	5	ND	5	15	.5	2	2	33	.25	.097	12	54	.74	170	.15	2	2.38	.04	.26	1
600E 4700N	1	26	129	338	.2	54	14	904	2.80	14	5	ND	4	24	.4	2	2	33	.25	.102	8	35	.39	259	.20	3	3.99	.03	.12	1
600E 4650N	1	23	133	278	.3	45	12	369	2.68	15	5	ND	4	14	.2	2	2	32	.15	.061	8	29	.41	191	.18	3	3.52	.03	.10	1
600E 4600N	1	26	151	399	.1	43	12	2532	2.83	23	5	ND	3	18	.7	2	2	34	.20	.111	9	33	.47	350	.17	3	3.25	.02	.13	1
600E 4550N	1	23	161	271	.3	40	15	1314	2.57	8	5	ND	4	20	.6	2	2	30	.14	.068	16	22	.30	341	.23	4	4.62	.04	.10	1
600E 4500N	1	18	77	227	.3	28	10	1594	2.24	9	5	ND	3	17	.5	2	2	26	.17	.099	9	21	.29	218	.16	3	2.70	.03	.09	1
600E 4450N	1	22	107	232	.1	37	13	954	2.40	20	5	ND	3	11	.4	2	2	27	.11	.078	9	32	.46	124	.15	2	2.24	.02	.14	1
600E 4400N	1	57	291	362	1.0	50	27	450	3.18	23	5	ND	5	15	.2	2	2	35	.14	.058	14	40	.60	148	.20	3	3.57	.03	.20	1
STANDARD C	19	61	41	129	7.2	69	34	1049	3.90	41	19	7	38	52	18.5	15	18	55	.47	.086	39	57	.87	172	.09	33	1.83	.09	.14	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
600E 4350N	1	48	231	464	.2	55	15	391	2.69	34	5	ND	4	13	.2	2	2	28	.22	.067	9	40	.58	122	.13	2	2.72	.02	.12	1
600E 4300N	1	39	186	490	.1	70	13	634	2.91	23	5	ND	5	39	1.0	2	2	28	.42	.348	13	47	.58	430	.18	5	4.15	.03	.24	1
600E 4250N	1	18	206	798	.3	71	9	1014	2.30	13	5	ND	3	28	2.0	2	2	22	.27	.204	12	28	.33	350	.16	3	2.78	.04	.15	1
600E 4200N	1	19	73	483	.1	150	18	487	2.51	9	5	ND	2	17	1.0	2	2	31	.20	.040	7	196	.94	185	.16	2	2.36	.02	.14	1
600E 4150N	1	22	179	596	.4	72	13	1137	2.69	20	5	ND	3	12	1.1	2	3	29	.13	.115	10	36	.35	258	.20	3	3.74	.02	.12	1
600E 4100N	1	25	140	311	.1	42	10	1003	2.41	22	5	ND	3	18	.7	2	2	27	.24	.078	9	39	.51	196	.14	3	2.57	.03	.16	1
600E 4050N	1	25	173	403	.2	41	10	540	2.57	18	5	ND	3	13	.3	2	2	28	.18	.075	8	35	.50	229	.15	2	2.59	.02	.13	1
600E 4000N	1	27	133	530	.6	56	11	323	2.62	18	5	ND	3	17	.9	2	2	29	.23	.088	8	37	.48	220	.17	3	3.09	.03	.17	1
600E 3950N	1	17	79	467	.8	50	9	257	2.13	17	5	ND	4	17	.9	2	2	24	.21	.111	9	29	.38	169	.15	3	2.84	.02	.11	1
600E 3900N	1	36	58	202	.1	81	13	211	1.86	8	5	ND	4	17	.2	2	2	22	.25	.040	16	81	.75	78	.11	2	1.38	.02	.15	1
600E 3850N	1	29	110	451	.2	49	9	305	2.10	24	5	ND	4	14	.3	2	2	24	.18	.096	10	39	.51	148	.12	3	2.00	.02	.11	1
600E 3800N	1	22	124	457	.1	42	9	1098	2.37	22	5	ND	3	18	.8	2	2	28	.20	.133	8	35	.46	227	.18	4	2.86	.04	.15	1
600E 3750N	1	26	132	375	1.1	38	9	530	2.34	9	5	ND	4	17	1.0	2	2	26	.17	.105	15	26	.36	160	.19	5	4.33	.04	.12	1
600E 3700N	1	21	116	435	.7	63	9	779	2.73	13	5	ND	4	18	.8	2	2	30	.16	.110	9	27	.34	229	.21	3	4.54	.04	.11	1
600E 3650N	1	41	195	378	.1	50	10	230	2.64	23	5	ND	4	14	.2	2	2	29	.21	.068	11	49	.64	130	.13	2	2.37	.02	.13	1
600E 3600N	1	46	54	218	.1	135	18	648	3.35	3	5	ND	4	22	.2	2	2	33	.18	.162	7	53	.57	323	.23	4	4.11	.04	.26	1
600E 3550N	1	23	49	411	.1	69	22	1457	2.96	3	5	ND	3	27	.3	2	2	33	.25	.057	14	26	.32	395	.28	4	4.06	.05	.24	1
600E 3500N	1	21	54	484	.1	50	12	840	3.54	4	5	ND	3	28	.2	2	2	42	.22	.070	9	49	.70	416	.30	3	2.55	.04	.51	1
600E 3450N	1	15	61	196	.1	24	7	734	2.57	11	5	ND	3	12	.3	2	2	32	.12	.091	7	29	.40	176	.18	2	2.55	.02	.14	1
600E 3400N	1	43	42	412	.1	56	21	665	3.38	8	5	ND	3	37	.2	2	2	49	.28	.090	7	68	1.10	315	.25	2	3.04	.02	.27	1
600E 3350N	2	47	45	66	.2	30	20	510	1.83	17	5	ND	5	11	.2	2	2	23	.08	.111	24	14	.16	64	.27	3	6.52	.05	.06	2
600E 3300N	1	25	61	158	.1	38	9	229	2.24	10	5	ND	5	11	.2	3	2	25	.11	.045	13	27	.43	138	.15	3	3.03	.02	.07	2
600E 3250N	1	20	89	207	.1	33	9	417	2.32	14	5	ND	3	10	.2	2	2	28	.12	.080	9	36	.44	156	.14	2	2.31	.02	.11	1
600E 3200N	1	15	43	107	.1	15	7	412	2.23	4	5	ND	2	11	.2	2	2	28	.06	.058	6	14	.11	187	.19	2	2.61	.03	.06	1
600E 3150N	1	21	46	123	.1	27	9	584	2.50	2	5	ND	4	28	.2	2	2	30	.19	.091	12	25	.36	221	.18	4	4.23	.03	.11	1
600E 3100N	1	16	69	149	.1	31	10	673	2.61	4	5	ND	3	41	.2	2	2	33	.32	.051	8	25	.38	306	.21	4	3.42	.03	.13	1
600E 3050N	1	19	76	172	.2	36	10	283	2.35	4	5	ND	4	27	.2	2	2	26	.19	.046	12	23	.37	191	.19	3	3.72	.03	.10	1
600E 3000N	1	20	63	140	.1	25	8	262	2.41	6	5	ND	5	21	.2	2	2	28	.16	.107	10	24	.35	164	.18	4	4.13	.02	.09	3
600E 2950N	1	14	60	171	.1	20	8	2550	2.08	12	5	ND	1	19	.5	2	2	28	.18	.077	7	20	.23	267	.17	3	1.64	.03	.10	1
600E 2900N	1	43	110	202	.2	45	12	786	3.52	8	5	ND	6	32	.2	2	2	38	.20	.111	22	33	.44	238	.27	2	5.93	.04	.13	2
600E 2850N	1	25	43	233	.2	37	11	2305	2.99	2	5	ND	3	17	.3	2	2	32	.12	.108	11	20	.26	372	.25	4	5.25	.04	.11	1
600E 2800N	1	17	34	197	.2	34	10	774	2.40	2	5	ND	3	18	.2	2	2	27	.13	.050	10	24	.34	288	.20	3	3.06	.03	.12	1
600E 2750N	1	23	41	155	.4	27	8	500	2.72	2	5	ND	5	15	.2	2	2	30	.12	.085	7	18	.26	242	.22	3	5.12	.04	.09	1
RE 600E 2950N	1	20	63	177	.1	21	8	2839	2.15	11	5	ND	1	20	.5	2	2	29	.18	.073	7	21	.23	283	.18	2	1.73	.03	.11	1
600E 2700N	1	15	38	244	.3	38	7	363	2.20	6	5	ND	3	24	.4	2	2	26	.21	.069	8	20	.29	184	.21	4	3.31	.04	.11	1
600E 2650N	1	34	71	270	.2	58	10	304	3.05	3	5	ND	6	27	.2	2	2	34	.29	.063	9	38	.43	187	.20	4	4.40	.04	.14	2
600E 2600N	1	11	53	271	.4	31	11	805	2.44	5	5	ND	3	16	.4	2	2	30	.15	.110	7	19	.21	182	.20	4	3.57	.03	.09	1
STANDARD C	19	61	37	129	7.3	69	34	1042	3.90	40	18	7	38	51	18.4	16	18	54	.48	.089	39	59	.87	173	.09	33	1.86	.09	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
600E 2550N	1	10	34	200	.1	34	8	356	2.25	10	5	ND	4	14	.2	2	2	25	.17	.140	7	24	.31	152	.15	4	3.48	.03	.10	1
600E 2500N	1	12	42	222	.1	34	10	713	2.10	11	5	ND	3	21	.2	2	2	27	.19	.091	8	30	.41	232	.17	2	1.99	.03	.13	1
600E 2450N	1	19	34	166	.1	24	8	923	2.58	7	5	ND	4	25	.2	2	2	31	.18	.139	8	21	.33	313	.19	3	3.26	.03	.14	1
600E 2400N	1	20	36	127	.1	29	8	932	2.45	2	5	ND	4	27	.2	2	2	29	.23	.078	9	27	.44	224	.18	5	3.76	.03	.12	1
600E 2350N	1	14	41	207	.1	34	11	823	2.48	3	5	ND	3	16	.2	2	2	31	.11	.065	7	25	.23	314	.23	5	3.32	.03	.10	1
600E 2300N	1	15	38	234	.1	30	8	487	2.50	2	5	ND	3	22	.2	2	2	30	.15	.126	7	23	.26	242	.21	4	4.07	.05	.12	1
600E 2250N	1	28	37	170	.1	42	10	538	2.58	4	5	ND	5	21	.2	2	2	32	.21	.093	9	43	.57	228	.18	3	3.68	.03	.14	1
600E 2200N	1	21	44	186	.1	47	13	282	2.89	2	5	ND	4	19	.2	2	2	39	.15	.018	10	48	.88	115	.22	3	3.05	.03	.21	1
600E 2150N	1	20	35	369	.1	38	12	293	2.49	5	5	ND	4	26	.2	2	2	31	.24	.045	9	42	.64	198	.19	3	2.73	.04	.19	1
600E 2100N	1	13	30	362	.1	36	9	403	2.36	2	5	ND	3	28	.3	2	2	26	.26	.217	8	25	.32	217	.17	3	3.55	.03	.12	1
600E 2050N	1	16	32	354	.1	31	9	846	2.30	5	5	ND	4	26	.5	2	2	25	.20	.274	10	20	.27	338	.20	4	3.85	.05	.14	1
600E 2000N	1	17	29	225	.1	28	9	1031	2.51	2	5	ND	4	38	.3	2	2	29	.29	.137	8	22	.38	314	.22	5	3.84	.04	.18	1
600E 1950N	1	138	28	176	.1	42	18	849	4.17	3	5	ND	3	22	.2	2	2	67	.23	.123	6	46	1.07	314	.28	4	3.92	.03	.39	1
600E 1900N	1	35	37	179	.1	61	11	394	3.01	2	5	ND	4	19	.2	2	2	36	.17	.064	9	36	.51	202	.23	4	4.54	.05	.19	1
600E 1850N	1	17	23	386	.1	33	12	1379	2.45	2	5	ND	3	28	.5	2	2	26	.19	.161	14	24	.32	314	.21	3	3.70	.05	.17	1
600E 1800N	1	28	35	391	.1	31	12	555	2.77	4	5	ND	3	18	.2	2	2	34	.18	.098	9	41	.76	235	.20	4	2.49	.03	.17	1
600E 1750N	1	23	26	117	.1	37	11	437	2.83	2	5	ND	4	18	.2	2	2	35	.17	.083	6	29	.46	233	.22	5	3.71	.03	.13	1
600E 1700N	1	32	30	183	.1	37	12	1585	2.72	6	5	ND	3	26	.3	2	2	34	.29	.067	9	38	.76	286	.21	5	2.89	.04	.22	1
600E 1650N	1	30	11	171	.1	48	13	523	2.79	2	5	ND	2	18	.2	2	2	38	.27	.047	6	55	1.02	144	.23	4	2.87	.04	.17	1
600E 1600N	1	12	24	145	.1	31	10	565	1.87	2	5	ND	3	16	.2	2	2	25	.17	.045	8	29	.41	192	.14	2	1.94	.04	.17	1
600E 1550N	1	44	29	150	.1	33	12	611	2.63	2	5	ND	4	22	.3	2	2	34	.27	.077	12	35	.70	211	.19	5	3.66	.04	.24	1
600E 1500N	1	27	23	143	.3	27	9	533	2.61	2	5	ND	5	22	.8	2	2	31	.28	.166	9	29	.65	213	.18	7	3.28	.03	.14	1
600E 1450N	1	25	26	128	.1	25	8	544	2.49	2	5	ND	4	17	.2	2	2	31	.19	.077	7	28	.67	181	.19	3	3.16	.03	.15	1
600E 1400N	1	28	44	298	.2	49	11	805	3.25	2	5	ND	5	26	.4	2	2	36	.32	.169	8	34	.61	320	.23	5	5.02	.04	.23	1
600E 1350N	1	27	34	175	.1	39	9	1259	2.98	2	5	ND	4	20	.2	2	2	37	.24	.076	12	34	.49	265	.23	5	4.16	.04	.18	1
600E 1300N	1	14	37	263	.1	24	7	871	2.04	3	5	ND	3	53	.6	2	2	24	.57	.108	8	21	.45	387	.15	5	2.33	.03	.27	1
600E 1250N	1	37	20	251	.1	66	13	591	2.95	2	5	ND	3	22	.2	2	2	43	.33	.053	6	64	1.09	213	.24	6	3.41	.04	.34	1
600E 1200N	1	26	26	171	.1	50	10	964	2.47	2	5	ND	4	23	.3	2	2	32	.30	.071	10	42	.62	273	.18	3	2.60	.03	.20	1
600E 1150N	1	45	26	151	.1	31	10	726	3.09	2	5	ND	5	29	.4	2	2	39	.31	.176	12	34	.71	266	.23	4	5.08	.04	.17	1
600E 1100N	1	47	23	202	.1	26	10	1534	3.42	2	5	ND	4	35	.3	2	2	41	.39	.230	9	33	1.07	387	.23	5	4.39	.03	.28	1
600E 1050N	1	53	24	129	.1	49	14	998	2.99	4	5	ND	4	25	.2	2	2	40	.36	.079	9	66	1.38	226	.23	4	3.07	.03	.64	1
RE 600E 1250N	1	38	21	251	.1	68	14	608	3.03	2	5	ND	3	23	.2	2	2	44	.34	.055	6	68	1.15	210	.25	3	3.46	.04	.33	1
600E 1000N	1	52	26	123	.1	57	12	563	2.80	2	5	ND	5	20	.2	2	2	38	.36	.021	12	47	1.24	148	.21	4	2.81	.03	.51	1
600E 950N	1	60	24	225	.1	52	15	578	3.28	2	5	ND	3	23	.3	2	2	45	.37	.066	8	48	1.27	213	.25	3	3.32	.04	.54	1
600E 900N	1	22	44	482	.2	43	9	1595	2.27	2	5	ND	3	46	.9	2	2	26	.43	.218	14	26	.45	627	.18	4	2.89	.06	.26	1
600E 850N	1	26	42	326	.4	53	10	1043	2.34	4	5	ND	5	40	.8	2	2	26	.40	.299	14	26	.36	447	.21	7	4.46	.05	.16	1
STANDARD C	19	64	39	128	6.7	69	34	1044	3.91	42	19	7	39	52	18.7	16	18	56	.47	.084	39	59	.86	172	.09	34	1.86	.09	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
800E 4800N	1	44	213	560	1.9	91	6	99	1.49	19	6	3	3	33	.3	2	2	18	.41	.017	21	29	.32	146	.17	2	4.13	.03	.09	1
800E 4750N	1	14	145	558	.1	28	11	1275	2.61	24	5	ND	2	18	.9	2	2	30	.26	.209	7	26	.37	228	.17	2	2.48	.02	.09	1
800E 4700N	1	68	165	325	.4	40	10	370	2.75	18	5	ND	4	12	.2	2	2	35	.18	.129	10	34	.54	110	.21	2	4.20	.02	.09	1
800E 4650N	1	48	204	412	.3	42	12	939	3.06	175	5	ND	3	20	.5	2	4	35	.23	.132	7	30	.44	194	.22	2	3.84	.02	.11	1
800E 4600N	1	40	148	458	.1	39	13	1039	3.29	19	5	ND	2	22	1.3	2	2	40	.30	.143	8	36	.56	240	.22	2	2.89	.02	.16	1
800E 4550N	1	32	266	723	.3	45	11	425	2.72	35	5	ND	4	18	1.5	2	2	33	.25	.386	9	34	.53	237	.14	2	3.27	.02	.11	1
800E 4500N	1	60	162	389	.4	50	14	441	3.09	22	5	ND	4	14	.4	2	2	41	.20	.161	9	40	.55	126	.23	2	4.24	.02	.12	3
800E 4450N	1	65	162	360	.1	46	11	363	3.08	35	5	ND	5	11	.2	2	2	35	.18	.077	12	41	.63	114	.14	2	3.12	.01	.13	1
800E 4400N	1	24	163	348	.1	40	17	912	2.89	26	5	ND	3	12	.2	2	2	35	.15	.123	7	29	.35	147	.22	2	3.80	.02	.10	1
800E 4350N	1	19	111	495	.1	29	11	1285	3.29	20	5	ND	2	19	1.5	2	2	36	.19	.197	7	31	.38	320	.24	2	2.17	.02	.19	1
800E 4300N	1	12	159	580	.2	37	7	1152	2.09	19	5	ND	2	22	1.4	2	2	27	.25	.100	7	23	.31	176	.16	2	2.19	.02	.09	1
800E 4250N	1	20	200	581	.5	48	13	821	2.58	18	5	ND	3	18	1.2	2	2	31	.17	.260	6	22	.28	179	.24	2	4.40	.02	.09	1
800E 4200N	1	14	149	329	.1	22	11	914	2.66	26	5	ND	3	9	.3	2	2	34	.12	.140	8	24	.30	167	.16	2	2.08	.01	.08	1
800E 4150N	1	46	220	442	.3	125	10	864	2.23	13	5	ND	3	20	.4	2	2	28	.24	.034	17	40	.54	122	.14	2	2.44	.02	.14	1
800E 4100N	1	44	224	447	.3	76	13	660	2.70	32	5	ND	4	21	.5	2	2	32	.29	.103	10	52	.61	151	.16	3	3.09	.02	.13	1
RE 800E 3850N	1	15	48	351	.3	63	9	847	2.67	23	5	ND	4	37	.6	2	2	30	.36	.452	8	24	.21	330	.28	2	4.37	.03	.10	1
800E 4050N	1	11	82	478	.1	39	9	1012	1.75	6	5	ND	2	21	.9	2	2	24	.23	.066	8	28	.46	275	.14	3	1.78	.02	.17	1
800E 4000N	1	72	190	344	.1	38	13	383	4.23	30	5	ND	7	14	.2	2	2	43	.12	.149	15	36	.67	123	.24	2	4.28	.02	.24	1
800E 3950N	1	31	114	290	.1	43	15	1145	3.27	18	5	ND	3	15	.3	2	2	44	.19	.097	6	31	.49	301	.26	2	3.96	.02	.17	1
800E 3900N	1	47	67	252	.1	64	22	563	4.62	23	5	ND	3	27	.6	2	2	61	.29	.118	7	52	.74	413	.33	2	3.42	.02	.50	1
800E 3850N	1	14	42	334	.2	63	9	797	2.61	23	5	ND	3	35	.5	2	2	31	.35	.438	7	25	.21	315	.28	2	4.27	.03	.10	1
800E 3800N	1	72	25	187	.1	158	34	871	6.56	2	5	ND	1	38	.2	2	2	110	.46	.046	11	304	3.19	480	.35	2	5.82	.02	.98	1
800E 3750N	1	16	32	171	.1	25	15	878	3.01	7	5	ND	1	22	.2	2	2	52	.36	.132	4	32	.64	209	.27	2	1.95	.02	.21	1
800E 3700N	1	30	80	312	.1	27	9	2337	3.37	57	5	ND	5	80	2.8	2	2	37	.77	.147	12	40	.73	744	.25	2	1.97	.02	.55	1
800E 3650N	1	9	84	323	.1	33	10	799	1.87	7	5	ND	2	19	.5	2	2	25	.17	.048	8	25	.36	318	.17	2	1.90	.02	.17	1
800E 3600N	1	22	118	535	.1	41	14	611	2.75	14	5	ND	4	40	.5	2	2	34	.41	.169	9	34	.51	275	.24	2	3.53	.02	.17	1
800E 3550N	1	25	107	327	.1	76	15	664	3.01	4	5	ND	3	32	.5	2	2	37	.31	.058	8	43	.63	384	.26	2	3.31	.02	.26	1
800E 3500N	1	20	58	211	.1	49	10	586	2.06	5	5	ND	4	14	.3	2	2	26	.18	.125	10	41	.51	203	.15	3	2.55	.02	.13	1
800E 3450N	1	30	46	367	.3	25	6	613	2.14	2	5	ND	3	24	1.0	2	2	25	.22	.181	17	17	.27	184	.23	2	4.42	.03	.10	1
800E 3400N	1	28	25	191	.6	38	7	229	2.42	2	5	ND	4	38	.4	2	2	33	.39	.243	9	22	.26	166	.28	3	6.23	.04	.09	1
800E 3350N	1	11	28	240	.1	45	14	572	1.92	2	5	ND	2	21	.3	2	2	26	.17	.048	8	32	.45	222	.18	2	2.30	.02	.13	1
800E 3300N	1	17	35	312	.9	84	10	381	2.09	9	5	ND	4	17	.7	2	2	26	.14	.247	10	42	.30	113	.26	3	4.92	.03	.07	1
800E 3250N	1	8	32	194	.1	15	5	723	1.24	5	5	ND	2	13	.6	2	2	17	.13	.204	9	15	.19	133	.09	2	1.42	.01	.06	1
800E 3200N	1	12	60	218	.1	29	7	464	2.33	8	5	ND	3	12	.3	2	2	28	.11	.107	6	21	.25	155	.21	2	3.62	.02	.08	1
800E 3150N	1	20	113	329	.3	46	10	515	2.40	16	5	ND	5	11	.5	2	2	28	.12	.096	11	35	.50	158	.15	2	2.94	.01	.10	1
800E 3100N	1	15	47	266	.1	42	10	715	2.22	7	5	ND	3	11	.3	2	2	27	.12	.109	10	38	.43	156	.15	2	2.37	.01	.10	1
800E 3050N	1	13	47	233	.3	40	11	1006	2.20	13	5	ND	2	14	.3	2	2	27	.13	.398	5	19	.19	195	.24	3	2.80	.02	.08	1
STANDARD C	17	58	37	131	6.9	67	31	1020	3.93	38	18	7	37	50	18.4	16	18	56	.47	.089	35	57	.87	176	.09	34	1.87	.06	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
800E 3000N	1	20	45	227	.1	59	11	455	1.98	8	5	ND	3	13	.2	2	2	27	.17	.039	11	37	.64	159	.13	2	2.01	.01	.10	1
800E 2950N	1	18	50	186	.2	30	8	520	2.20	6	5	ND	4	13	.2	2	2	28	.13	.110	9	30	.47	155	.14	2	2.94	.01	.10	1
800E 2900N	1	20	44	130	.1	26	8	433	2.30	2	5	ND	4	16	.2	2	2	27	.15	.078	13	23	.40	174	.18	2	3.82	.02	.08	1
800E 2850N	1	9	47	326	.3	16	6	1087	1.91	12	5	ND	3	14	.9	2	2	26	.14	.252	7	14	.19	263	.17	2	2.59	.02	.08	1
800E 2800N	1	10	42	217	.2	21	7	1195	1.89	5	5	ND	2	14	.4	2	2	25	.15	.119	9	18	.28	243	.14	2	2.49	.02	.09	1
800E 2750N	1	10	35	416	.1	24	7	621	2.17	7	5	ND	3	20	.6	2	2	28	.26	.128	8	21	.34	190	.14	2	2.56	.02	.10	1
800E 2700N	1	11	40	172	.1	24	6	619	1.72	16	5	ND	3	10	.2	2	2	22	.15	.113	9	21	.33	118	.10	2	2.11	.01	.07	1
800E 2650N	1	13	39	219	.1	27	7	684	2.23	5	5	ND	3	18	.2	2	2	27	.20	.122	9	21	.34	253	.17	2	3.46	.02	.08	1
800E 2600N	1	20	42	134	.1	25	7	480	2.29	4	5	ND	4	10	.2	2	2	30	.09	.123	9	25	.37	151	.17	2	3.94	.02	.07	1
800E 2550N	1	12	46	369	.2	28	7	599	1.87	4	5	ND	3	16	.6	2	2	24	.15	.089	8	18	.29	199	.16	2	2.82	.02	.08	1
800E 2500N	1	23	53	233	.1	39	10	276	2.32	6	5	ND	5	12	.3	2	2	28	.14	.094	11	35	.50	148	.11	2	2.75	.01	.09	1
800E 2450N	1	14	61	251	.5	34	7	260	2.32	5	5	ND	3	18	.3	2	2	31	.16	.041	9	18	.23	124	.22	2	3.40	.02	.07	1
800E 2400N	1	18	37	118	.1	23	7	319	2.04	4	5	ND	4	14	.2	2	2	26	.16	.072	11	20	.31	135	.16	2	3.50	.02	.08	1
800E 1400N	1	20	26	114	.2	23	8	1581	2.64	2	5	ND	3	19	.2	2	3	33	.24	.078	9	19	.40	331	.22	3	3.74	.02	.13	1
800E 1350N	1	74	19	88	.1	98	13	304	2.42	2	5	ND	2	13	.2	2	2	38	.30	.070	6	61	.91	134	.23	2	3.07	.01	.13	1
800E 1300N	1	33	23	98	.1	224	21	180	2.51	2	5	ND	2	15	.2	2	2	36	.18	.033	7	184	1.15	148	.23	2	3.64	.02	.09	1
800E 1250N	1	16	28	119	.1	25	7	421	1.87	9	5	ND	2	16	.6	2	2	25	.34	.095	6	26	1.20	139	.15	2	2.40	.02	.18	1
800E 1200N	1	22	46	106	.1	28	9	1196	2.48	11	5	ND	2	27	.4	2	2	35	.26	.074	8	27	.61	329	.23	2	2.82	.02	.20	1
800E 1150N	1	21	15	62	.1	26	6	151	1.28	2	5	ND	3	9	.3	2	2	19	.16	.040	9	33	.56	76	.10	2	1.05	.01	.18	1
800E 1100N	1	43	23	147	.2	45	9	623	2.80	2	5	ND	4	20	.2	2	2	37	.26	.071	12	39	.72	231	.24	2	3.99	.02	.23	1
800E 1050N	1	33	21	123	.2	50	9	1379	2.57	2	5	ND	3	36	.2	2	2	34	.36	.138	14	17	.43	511	.24	2	4.57	.03	.15	1
800E 1000N	1	20	25	118	.2	30	8	800	2.49	2	5	ND	4	15	.2	2	2	34	.15	.123	8	23	.42	265	.23	3	4.42	.02	.11	1
800E 950N	1	14	22	110	.1	20	7	554	2.48	7	5	ND	2	37	.4	2	2	32	.20	.196	7	23	.39	207	.15	2	2.72	.01	.12	1
RE 800E 1150N	1	24	17	65	.1	27	6	155	1.31	2	5	ND	3	10	.2	2	2	20	.17	.041	10	33	.58	75	.11	2	1.10	.01	.19	1
800E 900N	1	19	26	104	.1	19	7	1749	2.48	2	5	ND	3	39	.5	2	2	32	.32	.120	9	16	.37	340	.23	2	3.88	.02	.17	1
800E 850N	1	17	29	140	.2	51	10	1688	2.35	2	5	ND	2	24	.4	2	2	29	.22	.084	12	42	.56	289	.15	2	2.83	.01	.17	1
1000E 4800N	1	18	84	357	.5	52	9	675	2.33	12	5	ND	3	28	.6	2	2	27	.25	.247	7	27	.41	337	.21	2	3.73	.03	.11	1
1000E 4750N	1	27	94	253	.5	45	10	542	2.57	9	5	ND	3	13	.6	2	2	32	.16	.099	7	32	.44	164	.21	2	3.46	.02	.10	1
1000E 4700N	1	20	54	296	.2	68	10	306	2.10	8	5	ND	3	13	.6	2	2	26	.16	.029	11	39	.59	144	.12	2	1.94	.01	.09	1
1000E 4650N	1	33	364	576	.6	44	10	223	2.64	3	5	ND	5	17	1.0	2	2	32	.22	.069	9	33	.45	168	.23	2	4.93	.02	.12	1
1000E 4600N	1	47	141	346	.3	41	13	834	2.57	16	5	ND	1	20	1.1	2	2	41	.29	.093	6	43	.71	172	.23	2	2.68	.02	.13	1
1000E 4550N	1	8	46	320	.1	19	6	186	1.26	13	5	ND	3	9	.5	2	2	24	.13	.006	10	20	.32	59	.10	2	.80	.01	.05	1
1000E 4500N	1	21	207	465	.4	30	9	880	2.51	31	5	ND	3	10	.9	2	2	32	.17	.158	7	24	.33	145	.17	2	3.42	.02	.07	1
1000E 4450N	1	47	336	534	1.1	37	9	263	2.33	32	5	ND	5	13	1.1	2	2	28	.23	.073	14	32	.51	118	.14	2	2.58	.01	.10	1
1000E 4400N	1	57	141	687	.3	46	10	293	2.59	41	5	ND	5	11	.8	2	2	29	.22	.119	13	42	.75	147	.13	2	2.13	.01	.14	1
1000E 4350N	1	24	161	738	.5	30	7	603	1.75	26	5	ND	3	17	2.2	2	2	21	.25	.094	10	24	.41	160	.10	2	1.63	.02	.11	1
1000E 4300N	1	20	150	1118	1.6	32	8	556	2.14	19	5	ND	3	16	3.6	2	2	25	.21	.098	11	22	.38	171	.15	2	2.93	.02	.09	1
STANDARD C	18	61	42	133	7.0	73	32	1056	4.06	41	18	7	35	53	18.4	15	18	57	.50	.090	35	58	.89	182	.09	32	1.90	.06	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1000E 4250N	1	15	205	720	.4	26	7	756	1.82	26	5	ND	3	16	1.7	2	2	23	.22	.152	8	23	.36	147	.11	2	2.11	.02	.09	1
1000E 4200N	1	37	270	784	.7	50	11	1694	2.86	36	5	ND	2	32	3.2	2	2	33	.58	.079	10	36	.63	186	.15	3	3.22	.02	.18	1
1000E 4150N	3	122	680	906	2.2	98	20	3208	5.24	74	5	ND	2	58	6.0	2	2	52	1.08	.115	25	50	.64	370	.11	4	4.65	.02	.23	17
1000E 4100N	2	72	467	1669	.2	133	25	6229	7.27	67	5	ND	4	52	8.0	2	2	51	.86	.084	16	43	.76	430	.19	4	4.70	.02	.29	1
1000E 4050N	1	37	130	774	.1	31	14	2193	3.28	8	5	ND	2	43	3.4	2	2	44	.79	.094	6	41	1.05	349	.26	2	2.43	.02	.49	1
1000E 4000N	1	42	123	267	.2	32	11	438	3.03	18	5	ND	5	8	.2	2	2	36	.10	.154	9	33	.46	115	.22	2	4.17	.01	.10	1
1000E 3950N	1	22	137	391	.1	38	10	825	2.42	13	5	ND	4	13	.3	2	2	29	.17	.071	11	34	.55	202	.14	2	2.86	.02	.11	1
1000E 3900N	1	20	119	391	.7	28	9	509	2.82	25	5	ND	4	23	.8	2	2	31	.22	.332	8	17	.29	315	.24	3	4.79	.02	.11	1
1000E 3850N	1	24	49	191	.1	229	22	443	2.99	3	5	ND	2	15	.2	2	2	45	.19	.055	4	272	1.72	146	.26	2	3.78	.02	.12	1
1000E 3800N	1	39	115	272	.1	44	9	287	2.46	15	5	ND	5	12	.2	2	2	30	.20	.077	10	43	.60	118	.14	2	2.85	.02	.11	1
1000E 3750N	1	20	104	150	.1	35	22	878	2.35	4	5	ND	2	13	.2	2	2	35	.12	.051	5	19	.22	192	.23	3	3.44	.02	.07	1
RE 1000E 3500N	1	43	91	317	.1	63	16	615	3.93	9	5	ND	4	18	.2	2	2	60	.18	.087	8	67	.95	244	.29	2	4.33	.02	.23	1
1000E 3700N	1	25	40	212	.1	37	12	331	3.63	2	5	ND	4	21	.2	2	2	42	.17	.048	7	24	.40	312	.29	2	4.21	.02	.23	1
1000E 3650N	1	26	377	483	.2	46	18	1400	3.04	13	5	ND	3	15	.4	2	2	36	.17	.120	8	27	.43	321	.22	3	3.09	.02	.15	1
1000E 3600N	1	27	109	281	.1	41	13	905	3.45	10	5	ND	4	14	.2	2	2	42	.14	.111	9	37	.59	369	.24	4	3.46	.02	.20	1
1000E 3550N	1	68	36	210	.1	66	23	1543	5.33	9	5	ND	3	28	.2	2	2	93	.35	.164	7	99	1.79	591	.36	4	4.59	.02	.64	1
1000E 3500N	1	44	93	329	.1	65	17	644	4.13	8	5	ND	4	19	.2	2	2	62	.18	.089	8	71	.98	261	.30	3	4.45	.02	.24	1
1000E 3450N	1	19	116	371	.1	67	13	760	2.27	6	5	ND	3	24	.3	2	2	31	.21	.034	9	48	.60	243	.17	2	2.41	.02	.20	1
1000E 3400N	1	25	210	473	.1	39	11	765	2.83	12	5	ND	4	21	.4	2	2	34	.26	.131	8	31	.54	220	.22	3	3.79	.02	.14	1
1000E 3350N	1	20	330	351	.6	46	12	503	2.58	8	5	ND	4	19	.4	2	2	32	.16	.061	14	27	.39	214	.25	3	4.31	.02	.09	1
1000E 3300N	1	16	101	228	.1	32	9	607	2.30	5	5	ND	3	18	.2	2	2	30	.19	.048	11	30	.45	241	.20	3	3.02	.02	.11	1
1000E 3250N	1	30	177	280	.3	35	11	227	2.38	12	5	ND	5	14	.2	2	2	29	.14	.057	19	30	.44	130	.18	2	3.64	.02	.08	1
1000E 3200N	1	17	79	222	.1	25	8	787	2.51	8	5	ND	4	10	.2	2	2	30	.09	.121	9	29	.41	158	.15	2	2.95	.02	.10	1
1000E 3150N	1	14	133	489	.1	39	9	830	2.43	8	5	ND	4	19	.9	2	2	28	.16	.072	12	25	.39	329	.18	2	2.86	.02	.12	1
1000E 3100N	1	9	92	531	.3	53	8	804	2.19	8	5	ND	3	24	.8	2	2	27	.19	.189	7	26	.34	264	.17	2	2.75	.02	.13	1
1000E 3050N	1	11	63	371	.1	73	9	220	2.24	8	5	ND	3	14	.4	2	2	30	.16	.021	9	35	.46	150	.18	2	2.22	.02	.14	1
1000E 3000N	1	14	72	269	.4	19	7	183	2.36	15	5	ND	3	12	.5	3	2	29	.11	.098	4	14	.13	105	.23	3	5.04	.02	.04	1
1000E 2950N	1	9	63	95	.1	13	4	70	.99	2	5	ND	1	10	.2	2	2	19	.07	.038	10	19	.20	72	.12	2	3.07	.01	.04	1
1000E 2900N	1	14	59	56	.1	21	5	83	1.50	8	5	ND	3	6	.2	2	2	23	.07	.007	9	31	.33	53	.12	2	1.76	.01	.06	1
1000E 2850N	1	10	36	84	.1	22	6	94	1.60	6	5	ND	2	9	.2	2	2	25	.09	.008	8	32	.39	82	.13	2	1.78	.01	.06	1
1000E 2800N	1	10	40	489	.3	31	6	758	1.65	4	5	ND	3	12	.8	2	2	20	.12	.110	11	20	.31	171	.14	2	2.42	.02	.08	1
1000E 2750N	1	6	46	299	.1	22	7	297	1.95	7	5	ND	3	12	.5	2	2	24	.13	.018	9	26	.39	111	.12	2	1.54	.01	.08	1
1000E 2700N	1	13	118	580	.1	36	9	530	2.45	20	5	ND	4	11	.4	2	2	26	.14	.094	10	35	.51	146	.11	3	2.27	.01	.11	1
1000E 2650N	1	27	58	236	.1	41	10	469	2.47	8	5	ND	4	10	.2	2	2	30	.13	.065	9	52	.64	172	.15	2	2.63	.01	.12	1
1000E 2600N	1	11	49	162	.1	27	7	864	1.81	9	5	ND	2	13	.4	2	2	22	.13	.069	9	33	.44	159	.11	2	1.54	.01	.10	1
1000E 2550N	1	13	148	359	.1	33	10	688	2.37	26	5	ND	3	13	.4	2	2	27	.16	.081	9	34	.44	201	.14	2	2.36	.01	.11	1
1000E 2500N	1	14	85	288	.3	41	9	576	2.08	9	5	ND	3	13	.3	2	2	27	.11	.071	8	25	.29	193	.19	3	2.62	.02	.09	1
STANDARD C	18	56	37	132	6.8	70	32	1039	3.96	43	17	7	35	52	18.4	16	17	56	.48	.092	36	59	.88	178	.09	36	1.88	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1000E 2450N	1	12	59	369	.4	53	11	782	2.17	8	5	ND	3	13	.2	2	2	25	.12	.072	8	26	.35	155	.17	2	3.63	.03	.12	1
1000E 2400N	1	9	51	182	.1	27	9	387	1.84	3	5	ND	3	14	.2	2	2	23	.16	.025	8	19	.23	169	.14	2	2.71	.02	.08	1
1000E 650N	1	40	32	241	.1	48	12	586	2.84	9	5	ND	4	41	.2	2	2	33	.45	.190	11	37	.79	381	.19	4	4.02	.04	.23	1
1000E 600N	1	22	35	218	.2	42	8	277	2.07	4	5	ND	4	25	.2	2	2	25	.28	.162	10	28	.49	211	.13	3	2.39	.03	.13	1
1000E 550N	1	19	33	494	.2	40	8	694	2.41	5	5	ND	4	36	1.4	2	2	26	.36	.268	10	25	.39	295	.18	5	4.35	.05	.18	1
1000E 500N	1	10	50	704	.2	34	7	742	2.11	8	5	ND	3	23	1.9	2	2	22	.21	.230	8	20	.26	294	.18	4	2.90	.05	.15	1
1000E 450N	1	15	43	314	.2	39	8	601	2.09	3	5	ND	5	28	.4	2	2	23	.26	.146	11	28	.38	253	.14	4	3.32	.04	.15	1
1000E 400N	1	10	52	300	.1	32	8	741	2.43	10	5	ND	4	27	.3	2	2	27	.34	.163	9	24	.34	290	.17	5	3.73	.04	.14	1
1000E 350N	1	13	33	194	.1	28	9	563	3.25	2	5	ND	4	27	.2	2	2	29	.41	.136	11	29	1.06	180	.14	3	3.64	.04	.17	1
1000E 300N	1	16	45	290	.1	34	9	452	2.20	5	5	ND	4	15	.2	2	2	25	.18	.044	10	29	.56	176	.15	2	2.46	.03	.15	1
1000E 250N	1	12	25	213	.2	58	8	822	2.18	11	5	ND	4	26	.2	2	2	23	.29	.193	15	28	.40	304	.16	4	3.45	.04	.20	1
1000E 200N	1	20	112	352	.4	32	8	487	2.11	87	5	ND	4	17	.3	2	3	17	.22	.093	12	27	.41	195	.09	2	1.38	.02	.17	1
1000E 150N	1	16	37	249	.1	38	10	785	2.74	7	5	ND	4	23	.2	2	2	33	.32	.093	13	32	.60	370	.10	4	2.93	.03	.18	1
1000E 100N	1	50	25	267	.1	86	23	947	5.12	2	5	ND	5	48	.2	2	2	60	.55	.110	27	107	2.41	365	.33	3	5.54	.05	.32	1
1000E 50N	1	23	29	546	.1	40	12	2285	3.42	3	5	ND	4	60	.9	2	2	33	.78	.356	12	35	1.29	691	.19	4	4.26	.05	.24	1
RE 1200E 4650N	1	39	114	386	.2	38	11	528	2.68	16	5	ND	4	15	.3	2	2	31	.24	.116	9	34	.57	162	.16	2	3.30	.03	.09	1
1000E 0N	1	19	106	603	.1	69	13	629	3.48	4	5	ND	6	44	.8	2	2	30	.41	.192	26	68	.83	857	.18	4	2.75	.05	.27	1
1200E 4800N	1	47	62	199	.1	45	12	451	3.28	5	5	ND	5	11	.2	2	2	42	.14	.144	10	48	.81	177	.24	3	4.96	.03	.20	1
1200E 4750N	1	29	72	289	.1	85	15	1710	3.29	6	5	ND	3	22	.4	2	2	40	.26	.122	7	95	1.29	316	.25	3	4.55	.04	.28	1
1200E 4700N	1	17	66	301	.1	33	10	792	2.58	8	5	ND	3	16	.3	2	2	29	.18	.211	6	28	.42	307	.21	4	4.84	.04	.14	1
1200E 4650N	1	41	112	374	.1	38	10	477	2.65	16	5	ND	5	14	.2	2	2	32	.23	.113	9	35	.54	153	.17	2	3.18	.03	.10	1
1200E 4600N	1	16	48	147	.1	24	11	1086	2.89	10	5	ND	1	12	.5	2	2	51	.19	.054	7	35	1.07	183	.28	2	2.28	.04	.39	1
1200E 4550N	1	17	59	226	.1	35	13	2062	3.14	8	5	ND	3	16	.2	2	2	39	.22	.150	5	42	.57	355	.25	2	3.27	.03	.23	1
1200E 4500N	1	20	78	217	.1	33	12	1230	3.39	5	5	ND	4	14	.2	2	2	44	.14	.093	7	40	.69	320	.28	2	3.42	.03	.20	1
1200E 4450N	1	25	78	284	.1	47	13	754	3.13	4	5	ND	3	27	.3	2	2	38	.30	.111	6	47	.69	377	.26	3	4.50	.04	.22	1
1200E 4400N	1	63	224	323	.2	53	17	577	3.04	17	5	ND	7	14	.5	2	2	38	.21	.073	16	50	.81	172	.21	2	4.25	.03	.23	1
1200E 4350N	1	47	157	348	.1	54	13	570	2.98	12	5	ND	5	19	.5	2	2	35	.25	.125	10	49	.83	184	.22	2	4.66	.03	.21	1
1200E 4300N	1	20	63	389	.4	21	8	1831	2.24	14	5	ND	4	31	1.6	2	2	23	.32	.792	7	18	.22	522	.21	3	5.21	.05	.12	1
1200E 4250N	3	58	231	586	.6	120	19	2136	4.44	30	5	ND	4	30	1.4	2	2	46	.62	.096	21	60	.49	216	.23	2	4.00	.04	.21	1
1200E 4200N	1	17	71	951	.4	31	12	1888	2.78	6	5	ND	3	22	1.8	2	2	28	.22	.429	8	30	.41	505	.21	2	3.49	.04	.21	1
1200E 4150N	1	24	62	354	.1	42	12	1005	3.32	7	5	ND	3	17	.4	2	2	38	.19	.233	6	49	.84	470	.27	2	4.93	.03	.21	1
1200E 4100N	1	15	126	195	.2	27	16	992	2.53	6	5	ND	2	15	.3	2	2	31	.13	.121	4	22	.32	239	.24	3	4.92	.04	.11	1
1200E 4050N	1	23	88	378	.3	43	12	654	3.06	4	5	ND	5	18	.7	2	2	35	.18	.110	7	31	.51	248	.28	6	5.78	.05	.20	1
1200E 4000N	1	24	91	352	.1	36	12	914	3.86	12	5	ND	5	19	.2	2	2	42	.27	.133	10	46	1.49	308	.31	2	3.75	.02	.34	1
1200E 3950N	1	37	190	401	.1	36	12	887	2.62	22	5	ND	5	16	.3	2	2	32	.25	.054	12	40	.91	172	.17	2	2.18	.02	.22	1
1200E 3900N	1	12	83	336	.1	17	9	605	2.47	13	5	ND	3	12	.3	2	2	26	.15	.270	7	24	.39	176	.17	3	2.31	.03	.13	1
1200E 3850N	1	12	111	289	.1	18	8	994	2.88	15	5	ND	3	10	.4	2	2	37	.11	.151	6	23	.30	154	.22	2	3.18	.02	.10	1
STANDARD C	18	57	38	133	6.8	71	32	1017	3.92	39	21	7	36	52	18.9	14	18	56	.47	.081	36	58	.86	181	.09	34	1.85	.08	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1200E 3800N	3	38	157	351	.4	43	15	499	3.92	11	5	ND	5	19	.2	2	2	43	.21	.119	7	35	.59	280	.26	3	6.66	.03	.20	1
1200E 3750N	1	17	145	516	.1	31	8	362	2.62	28	5	ND	4	11	.3	2	2	28	.18	.090	9	28	.38	96	.11	4	2.58	.02	.12	1
1200E 3700N	1	22	351	643	.3	28	11	629	3.01	28	5	ND	4	15	.5	2	2	33	.17	.113	7	26	.38	121	.24	4	4.86	.04	.09	1
1200E 3650N	1	23	371	617	.3	31	10	725	3.02	32	5	ND	4	12	1.0	3	2	33	.17	.078	5	28	.46	139	.22	4	5.34	.03	.09	2
1200E 3600N	1	21	227	492	.4	39	12	956	2.65	31	5	ND	4	19	1.3	3	2	31	.30	.064	10	29	.53	180	.15	4	2.56	.03	.14	1
1200E 3550N	1	17	281	539	.1	27	9	2364	2.12	20	5	ND	2	15	1.0	2	2	27	.24	.059	7	26	.64	208	.14	3	2.24	.03	.10	1
1200E 3500N	2	51	569	662	.8	67	11	886	3.17	37	5	ND	4	15	1.1	2	2	34	.21	.067	17	30	.36	130	.21	4	4.55	.04	.13	1
1200E 3450N	1	37	323	765	.3	45	10	498	2.82	46	5	ND	5	13	.8	2	2	29	.25	.092	11	34	.50	136	.15	3	3.17	.03	.14	1
1200E 3400N	1	30	253	851	.3	60	11	512	3.14	37	5	ND	4	16	.8	2	2	36	.27	.067	10	35	.75	181	.16	3	3.28	.03	.19	1
1200E 3350N	1	29	289	933	1.1	58	10	853	2.95	37	5	ND	5	23	1.4	2	2	32	.26	.103	11	31	.44	190	.19	4	4.39	.03	.14	1
1200E 3300N	1	22	189	743	.3	83	12	1218	2.77	21	5	ND	4	17	1.1	2	2	32	.22	.095	7	63	.66	229	.20	4	3.57	.04	.16	1
1200E 3250N	1	31	185	688	.3	44	10	576	2.63	20	5	ND	5	18	.8	2	2	32	.26	.079	12	40	.61	226	.15	4	2.53	.03	.14	1
1200E 3200N	1	43	229	568	.1	41	13	1238	3.02	27	5	ND	4	23	.7	2	2	37	.32	.084	11	38	.63	194	.16	3	2.66	.03	.20	1
1200E 3150N	1	31	220	495	.2	35	11	1293	2.76	24	5	ND	4	18	.6	2	2	30	.20	.075	12	36	.59	174	.14	3	2.90	.03	.15	1
1200E 3100N	1	36	537	643	.5	39	10	809	2.79	25	5	ND	6	19	.9	2	2	31	.25	.068	14	29	.52	166	.18	3	4.80	.03	.13	1
1200E 3050N	1	19	171	366	.2	50	13	942	2.74	14	5	ND	4	14	.2	2	2	31	.17	.061	10	36	.47	207	.17	3	3.41	.03	.11	1
1200E 3000N	1	45	158	255	.5	34	10	250	2.83	9	5	ND	6	11	.2	2	2	32	.11	.053	18	32	.55	99	.19	2	4.46	.03	.10	2
1200E 2950N	1	36	161	325	.1	31	9	230	2.29	15	5	ND	6	12	.2	2	2	25	.17	.055	13	32	.53	103	.12	2	2.58	.02	.11	1
1200E 2900N	1	14	144	379	.2	27	9	1166	2.31	11	5	ND	3	15	.3	2	2	27	.16	.074	10	28	.41	189	.15	3	2.19	.03	.15	1
1200E 2850N	1	14	199	572	.3	29	12	2015	2.45	7	5	ND	3	27	.8	2	2	29	.25	.072	11	20	.29	274	.23	5	3.82	.05	.16	1
1200E 2800N	1	13	80	247	.1	21	8	2317	2.26	10	5	ND	2	16	.4	2	2	28	.15	.072	8	21	.38	280	.16	4	2.52	.03	.10	1
RE 1200E 2950N	1	39	162	322	.1	32	9	297	2.31	16	5	ND	6	12	.2	2	2	26	.16	.057	13	32	.53	108	.13	2	2.60	.02	.11	2
1200E 2750N	1	21	78	191	.3	23	9	578	2.55	3	5	ND	4	14	.2	2	2	31	.13	.118	5	19	.26	162	.22	4	5.46	.03	.08	1
1200E 2700N	1	29	41	174	.1	31	8	386	3.34	2	5	ND	6	24	.2	2	2	40	.23	.175	8	28	.59	191	.21	4	6.71	.04	.12	1
1200E 2650N	1	24	30	193	.1	21	8	1045	2.70	2	5	ND	3	12	.3	2	2	35	.11	.146	11	17	.26	227	.24	4	4.93	.04	.09	2
1200E 2600N	1	50	79	194	.1	48	11	436	2.64	17	5	ND	5	12	.2	2	2	31	.20	.070	12	45	.75	86	.13	3	2.55	.02	.16	1
1200E 2550N	1	29	52	217	.1	43	10	1458	2.71	3	5	ND	2	22	.4	2	2	33	.44	.073	8	34	.46	292	.18	4	3.46	.03	.13	1
1200E 2500N	1	52	56	138	.1	47	11	570	2.43	5	5	ND	4	12	.2	2	2	30	.25	.057	10	50	.83	128	.13	3	2.40	.02	.15	1
1200E 2450N	1	32	51	205	.1	47	14	1551	2.78	4	5	ND	3	17	.2	3	2	40	.33	.055	7	60	.96	209	.20	3	2.70	.02	.16	1
1200E 2400N	1	42	53	139	.1	40	10	299	2.70	6	5	ND	5	13	.2	2	2	34	.20	.063	12	48	.92	106	.18	3	3.34	.02	.14	1
1200E 2350N	1	20	64	250	.1	46	9	520	2.59	9	5	ND	4	16	.6	2	2	30	.17	.096	5	27	.37	139	.22	7	6.18	.05	.11	2
1200E 2300N	1	61	41	132	.2	52	16	543	3.07	2	5	ND	4	17	.2	2	2	44	.31	.092	7	57	.67	128	.28	4	5.33	.04	.13	1
1200E 2250N	1	24	77	204	.2	39	12	597	2.90	2	5	ND	4	15	.2	2	2	37	.18	.063	6	33	.44	194	.24	3	4.51	.03	.12	1
1200E 2200N	1	83	73	252	.1	42	18	1926	3.29	5	5	ND	2	23	.4	2	2	50	.33	.057	7	39	.85	276	.24	3	2.81	.03	.27	1
1200E 2150N	1	9	57	281	.1	42	8	745	1.93	5	5	ND	2	16	.2	2	2	25	.17	.035	8	21	.23	100	.15	2	2.23	.02	.08	1
1200E 2100N	1	16	89	369	.6	48	10	590	2.56	5	5	ND	4	19	.4	2	2	29	.22	.100	8	32	.35	175	.22	4	4.67	.04	.12	1
1200E 2050N	1	12	71	431	.2	46	11	927	2.48	8	5	ND	3	20	.5	2	2	29	.17	.242	7	32	.32	159	.21	4	3.82	.04	.11	1
STANDARD C	18	61	40	128	6.9	70	33	1041	3.88	41	19	6	37	51	18.5	16	19	54	.48	.088	38	57	.87	172	.09	32	1.86	.08	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1200E 2000N	1	16	75	249	.1	26	9	798	2.50	2	5	ND	4	18	.2	2	2	30	.23	.111	7	30	.65	236	.19	3	3.51	.04	.12	1
1200E 1950N	1	20	80	182	.1	23	8	356	2.75	5	5	ND	4	14	.2	2	2	32	.18	.120	7	29	.54	177	.20	4	4.14	.03	.09	1
1200E 1900N	1	25	41	166	.1	31	10	361	2.79	22	5	ND	4	16	.2	2	2	33	.24	.103	10	40	1.03	135	.18	3	3.58	.02	.14	1
1200E 1850N	1	11	36	347	.3	22	7	688	1.44	7	5	ND	2	22	.2	2	2	19	.21	.199	7	21	.25	297	.13	3	1.80	.04	.11	1
RE 1200E 1600N	1	39	22	184	.1	69	17	548	3.05	2	5	ND	3	26	.2	3	2	43	.39	.139	8	139	1.62	171	.22	3	3.47	.02	.30	1
1200E 1800N	1	17	36	463	.1	33	8	872	2.08	3	5	ND	3	28	.5	2	2	25	.29	.218	9	27	.46	294	.18	3	2.80	.05	.16	1
1200E 1750N	1	16	43	232	.1	24	8	1048	2.58	2	5	ND	3	19	.3	2	2	30	.18	.113	9	28	.44	224	.18	3	3.34	.04	.17	1
1200E 1700N	1	21	28	197	.1	23	8	532	2.76	2	5	ND	4	21	.2	2	2	31	.17	.101	10	24	.44	230	.21	3	4.82	.04	.18	1
1200E 1650N	1	59	41	211	.1	49	12	634	2.91	3	5	ND	3	21	.2	2	2	42	.28	.118	6	57	1.20	210	.22	2	3.06	.03	.30	1
1200E 1600N	1	36	18	161	.1	61	15	485	2.71	2	5	ND	3	23	.2	2	2	39	.34	.125	7	119	1.41	149	.20	2	3.05	.03	.28	1
1200E 1550N	1	26	75	240	.2	47	11	578	2.98	5	5	ND	5	22	.5	2	2	35	.26	.065	11	50	.77	181	.18	4	3.00	.03	.20	1
1200E 1500N	1	16	48	274	.1	39	9	1570	2.52	8	5	ND	3	27	.3	2	2	29	.32	.273	6	32	.38	380	.21	5	3.96	.07	.17	1
1200E 1450N	1	35	41	155	.1	243	17	1403	3.23	2	5	ND	3	16	.2	2	2	43	.25	.071	7	198	1.61	268	.24	3	3.56	.03	.23	1
1200E 1400N	1	23	39	171	.1	44	9	1255	2.43	2	5	ND	3	13	.2	2	2	29	.19	.055	9	40	.54	248	.17	2	2.88	.03	.13	1
1200E 1350N	1	50	55	427	.1	21	10	2986	2.84	3	5	ND	2	109	1.5	2	3	27	1.07	.314	11	22	.46	483	.14	4	2.63	.03	.22	1
1200E 1300N	1	21	25	157	.1	16	6	416	3.52	2	5	ND	3	24	.2	2	2	37	.22	.273	6	20	.45	164	.21	3	4.48	.02	.20	1
1200E 1250N	1	21	39	188	.1	49	9	548	2.60	4	5	ND	3	30	.2	2	2	32	.27	.076	9	36	.65	247	.22	5	3.38	.05	.22	1
1200E 1200N	1	19	53	186	.1	30	8	861	2.38	10	5	ND	5	26	.2	2	2	28	.20	.110	10	27	.43	261	.17	4	3.46	.03	.14	1
1200E 1150N	1	26	48	131	.1	29	8	514	2.52	4	5	ND	5	18	.2	2	2	30	.13	.095	9	28	.45	201	.18	3	3.63	.03	.12	1
1200E 1100N	1	41	41	187	.1	49	13	1360	3.30	2	5	ND	3	19	.2	2	2	50	.25	.109	6	56	.95	330	.26	5	3.90	.04	.25	1
1200E 1050N	1	62	21	114	.1	35	11	394	2.77	2	5	ND	3	24	.2	2	2	38	.32	.050	7	38	1.36	182	.22	3	3.46	.03	.28	1
1200E 1000N	1	15	35	249	.1	31	8	855	2.12	2	5	ND	5	26	.2	2	2	27	.30	.037	8	24	.56	331	.20	4	2.35	.05	.22	1
1200E 950N	1	21	37	178	.1	51	8	350	2.60	2	5	ND	6	29	.2	2	2	30	.31	.078	14	26	.51	204	.24	4	4.77	.05	.17	1
1200E 900N	1	16	24	251	.1	37	8	496	2.28	2	5	ND	3	31	.2	2	2	27	.29	.059	10	31	.50	254	.19	4	2.84	.04	.19	1
1200E 850N	1	20	31	151	.1	35	7	509	2.29	2	5	ND	3	23	.2	2	2	28	.25	.038	9	29	.44	162	.17	5	2.59	.03	.14	1
1200E 800N	1	20	41	235	.1	50	8	402	2.65	2	5	ND	5	29	.2	2	2	27	.23	.049	9	26	.36	184	.23	3	4.88	.05	.15	1
1200E 750N	2	59	42	308	.1	73	8	585	4.89	6	5	ND	5	77	.2	2	2	52	.24	.128	18	31	.42	298	.16	3	2.15	.04	.23	1
1200E 700N	1	82	80	345	.8	132	11	1078	4.17	2	12	ND	8	56	.3	2	2	39	.45	.043	37	50	.52	263	.15	2	4.02	.03	.18	1
1200E 650N	1	17	30	274	.1	29	7	355	1.92	3	5	ND	4	21	.5	2	2	21	.22	.131	12	25	.34	152	.14	3	2.48	.03	.12	1
1200E 600N	1	12	31	194	.1	37	8	274	2.11	2	5	ND	4	20	.2	2	2	24	.20	.054	10	28	.36	194	.16	3	2.77	.04	.12	1
1200E 550N	1	10	36	214	.1	34	8	268	2.23	6	5	ND	4	17	.2	2	2	24	.16	.088	8	25	.33	168	.16	4	3.32	.03	.11	1
1200E 500N	1	18	40	184	.1	28	8	265	2.35	2	5	ND	4	17	.3	2	2	27	.16	.069	11	23	.34	195	.18	4	3.82	.03	.10	1
1200E 450N	1	12	57	233	.1	28	7	1047	2.04	8	5	ND	2	22	.6	2	2	22	.30	.127	7	18	.30	260	.18	4	2.75	.05	.17	1
1200E 400N	1	10	27	268	.1	21	7	396	2.10	4	5	ND	3	15	.4	2	2	27	.23	.178	8	23	.73	235	.16	3	2.82	.06	.19	1
1200E 350N	1	24	25	204	.1	29	9	813	3.04	2	5	ND	8	36	.4	2	2	37	.32	.164	17	32	.85	232	.16	4	3.95	.05	.11	1
1200E 300N	1	14	22	231	.1	46	12	1538	3.05	3	5	ND	4	20	.2	2	2	34	.28	.138	10	30	.47	298	.21	3	3.37	.04	.14	1
1200E 250N	1	19	22	131	.1	44	12	841	3.28	2	5	ND	4	17	.2	2	2	39	.19	.125	9	41	.72	188	.21	2	4.21	.03	.14	1
STANDARD C	19	59	42	132	7.4	70	33	1053	3.97	42	17	7	37	54	18.5	16	18	54	.48	.092	37	58	.88	177	.09	32	1.87	.10	.16	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1200E 200N	1	17	24	138	.2	30	7	600	2.67	2	5	ND	4	19	.2	2	2	29	.24	.072	12	24	.49	168	.19	3	4.37	.02	.09	1
1200E 150N	1	20	15	263	.1	61	14	1366	3.62	2	5	ND	2	22	.2	2	2	45	.31	.123	7	54	.91	421	.24	3	3.68	.02	.14	1
1200E 100N	1	27	17	130	.2	26	10	596	3.40	2	5	ND	4	29	.2	2	2	35	.38	.177	15	25	.71	208	.20	4	4.76	.02	.09	1
1200E 50N	3	47	20	157	.1	13	7	1107	3.74	5	5	ND	8	21	.5	2	2	15	1.30	.075	71	8	.70	280	.01	2	1.18	.01	.10	1
1200E 0N	1	11	22	207	.1	22	5	529	3.58	4	5	ND	3	22	.6	2	2	22	.36	.199	11	8	.28	360	.13	4	2.24	.03	.07	1
1400E 4800N	1	23	68	210	.3	31	10	1178	2.48	9	5	ND	2	16	.3	2	2	28	.19	.153	6	24	.47	337	.22	3	3.84	.02	.13	1
1400E 4750N	1	35	67	222	.1	33	10	749	3.07	3	5	ND	3	12	.2	2	2	36	.16	.125	7	39	.92	267	.24	2	3.95	.02	.20	1
1400E 4700N	1	47	76	187	.1	50	10	472	2.82	4	5	ND	3	11	.2	2	2	37	.18	.076	7	41	.97	193	.23	2	3.82	.01	.16	1
1400E 4650N	1	34	79	223	.1	35	10	576	2.93	6	5	ND	2	11	.2	2	2	38	.17	.060	5	35	.84	201	.23	2	3.44	.02	.13	1
1400E 4600N	1	35	54	328	.1	40	11	261	2.18	9	5	ND	3	12	.2	2	2	30	.20	.032	8	42	.97	122	.15	2	2.00	.01	.13	1
RE 1400E 4350N	1	17	48	131	.1	27	9	214	1.70	6	5	ND	2	9	.2	2	2	28	.19	.004	6	34	.88	84	.21	2	1.72	.01	.15	1
1400E 4550N	1	18	64	289	.1	54	16	345	2.71	4	5	ND	2	10	.2	2	2	33	.13	.060	4	28	.42	167	.24	2	4.59	.02	.10	1
1400E 4500N	1	50	87	423	.1	77	15	382	2.57	9	5	ND	3	15	.2	2	2	33	.22	.026	8	53	1.23	163	.23	2	2.60	.01	.15	1
1400E 4450N	1	12	47	147	.1	76	16	261	3.35	4	5	ND	1	13	.2	2	2	38	.21	.006	4	47	1.41	143	.30	2	3.92	.01	.16	1
1400E 4400N	1	25	61	179	.1	50	12	481	2.33	9	5	ND	1	11	.3	2	2	34	.23	.013	5	51	.79	166	.24	2	2.24	.02	.17	1
1400E 4350N	1	19	57	137	.1	29	10	228	1.80	5	5	ND	2	10	.2	2	2	30	.20	.004	6	36	.94	87	.22	2	1.85	.01	.16	1
1400E 4300N	1	28	69	194	.1	35	11	591	2.55	7	5	ND	1	13	.2	2	2	37	.28	.014	5	40	1.02	141	.25	2	2.56	.01	.22	1
1400E 4250N	1	8	31	87	.1	17	7	123	1.37	5	5	ND	2	7	.2	2	2	25	.12	.003	7	28	.56	39	.16	2	1.74	.01	.03	1
1400E 4200N	1	18	57	120	.1	33	8	217	2.90	3	5	ND	3	8	.2	2	2	32	.19	.003	8	57	1.39	63	.25	2	2.52	.01	.08	1
1400E 4150N	1	15	69	332	.1	21	10	1477	3.03	6	5	ND	1	9	.3	2	2	43	.17	.056	7	31	.73	198	.24	2	2.49	.02	.09	1
1400E 4100N	1	14	52	185	.1	25	8	288	3.17	9	5	ND	1	10	.2	2	2	44	.16	.078	5	29	.83	158	.28	2	3.41	.01	.06	1
1400E 4050N	2	44	139	222	.2	44	11	585	2.94	10	5	ND	4	12	.2	2	2	38	.19	.067	9	44	.68	184	.24	2	4.57	.02	.10	1
1400E 4000N	1	65	107	200	.3	56	15	393	3.30	7	5	ND	2	15	.2	2	2	47	.21	.105	6	48	.78	195	.27	2	4.22	.02	.11	1
1400E 3950N	1	30	600	387	.3	34	10	798	3.21	221	5	ND	3	12	.2	2	2	36	.19	.130	5	31	.54	271	.25	3	4.54	.02	.11	1
1400E 3900N	1	32	137	256	.3	35	16	515	2.61	10	5	ND	2	18	.2	2	2	34	.28	.107	8	30	.63	190	.23	2	3.66	.02	.13	1
1400E 3850N	1	30	147	272	.2	43	13	808	2.89	8	5	ND	3	15	.2	2	2	37	.20	.106	7	35	.63	284	.23	3	3.55	.01	.13	1
1400E 3800N	1	24	163	192	.4	41	12	1101	2.71	10	5	ND	3	18	.2	2	2	33	.28	.246	6	27	.43	262	.26	5	6.01	.02	.10	1
1400E 3750N	1	48	115	204	.2	41	13	448	2.76	7	5	ND	3	14	.2	2	2	36	.23	.088	8	41	.72	199	.20	2	3.75	.01	.13	1
1400E 3700N	1	30	66	218	.1	33	11	1360	2.76	11	5	ND	3	15	.2	2	2	35	.18	.209	7	33	.89	331	.24	2	3.94	.02	.15	1
1400E 3650N	1	13	22	223	.2	38	9	656	1.98	7	5	ND	3	23	.2	2	2	22	.24	.675	6	22	.35	250	.16	2	3.43	.02	.11	1
1400E 3600N	1	9	15	78	.1	24	6	209	1.36	4	5	ND	3	13	.2	2	2	18	.21	.038	9	21	.45	128	.11	2	1.30	.01	.12	1
1400E 3550N	1	15	117	344	.4	27	10	1341	2.47	19	5	ND	2	15	.3	2	2	31	.16	.182	5	20	.35	258	.24	2	3.66	.02	.09	1
1400E 3500N	1	32	147	357	.1	31	10	875	2.70	27	5	ND	3	12	.2	2	2	34	.19	.079	9	36	.81	165	.17	2	2.51	.01	.11	1
1400E 3450N	1	17	60	312	.1	27	7	755	2.39	13	5	ND	3	15	.2	2	2	31	.22	.262	6	18	.47	255	.25	3	4.69	.02	.10	1
1600E 4800N	1	11	28	161	.1	18	8	873	2.76	8	5	ND	2	11	.2	2	2	35	.11	.188	5	22	.33	223	.24	2	3.15	.02	.10	1
1600E 4750N	1	39	65	192	.1	25	9	725	3.53	5	5	ND	3	14	.2	2	2	45	.17	.242	7	29	.74	192	.25	2	4.73	.01	.12	1
1600E 4700N	1	40	133	133	.1	23	9	713	2.49	24	5	ND	1	12	.6	2	3	45	.15	.076	6	30	.59	119	.24	2	2.32	.01	.14	1
STANDARD C	19	57	39	132	6.9	71	32	1049	3.97	41	18	7	37	52	18.4	16	18	54	.48	.090	36	58	.89	177	.09	33	1.89	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1600E 4650N	1	26	77	168	.1	32	9	694	2.35	4	5	ND	4	10	.2	2	2	32	.19	.046	10	36	.60	168	.20	2	3.18	.01	.11	1
1600E 4600N	1	17	77	342	.1	42	13	762	2.75	7	5	ND	3	16	.3	2	2	33	.29	.052	9	36	.75	273	.20	2	2.98	.02	.16	1
1600E 4550N	1	21	49	262	.1	34	14	1012	4.03	4	5	ND	1	19	.2	2	2	51	.23	.093	5	34	1.52	301	.28	2	3.46	.02	.31	1
1600E 4500N	1	24	119	259	.1	33	11	864	2.55	4	5	ND	3	15	.3	2	2	33	.31	.066	8	33	.58	159	.17	2	2.96	.02	.10	1
1600E 4450N	1	19	43	189	.1	26	9	836	3.14	2	5	ND	2	20	.2	2	2	37	.33	.082	6	29	1.11	155	.25	2	4.35	.02	.16	1
1600E 4400N	1	14	52	228	.1	26	15	795	3.38	3	5	ND	1	16	.2	2	2	47	.24	.046	6	42	1.33	124	.26	2	2.91	.02	.15	1
1600E 4350N	1	19	38	166	.1	28	10	536	3.05	2	5	ND	3	13	.2	2	2	38	.24	.113	9	28	.70	185	.24	2	4.87	.02	.09	1
1600E 4300N	1	55	149	260	.1	34	10	452	2.96	20	5	ND	4	12	.2	2	2	37	.22	.074	11	39	1.14	87	.18	2	3.38	.01	.14	1
1600E 4250N	1	27	104	246	.1	23	11	953	3.10	9	5	ND	2	13	.4	2	2	37	.19	.121	6	28	.92	184	.25	2	3.22	.02	.11	1
1600E 4200N	1	20	73	213	.1	29	9	1185	3.04	2	5	ND	2	15	.2	2	2	37	.21	.100	7	31	.97	194	.25	2	4.17	.02	.14	1
1600E 4150N	1	38	94	315	.1	31	12	946	3.83	2	5	ND	2	22	.2	2	2	46	.34	.147	7	39	1.43	249	.28	2	4.68	.02	.23	1
1600E 4100N	1	74	83	242	.1	99	17	757	3.85	3	5	ND	2	26	.2	2	2	53	.53	.103	5	95	1.78	259	.29	2	3.75	.02	.48	1
1600E 4050N	1	18	72	587	.2	35	10	1691	2.39	8	5	ND	2	30	1.6	2	2	26	.48	.284	8	18	.43	528	.23	2	3.81	.03	.14	1
1600E 4000N	1	22	65	578	.5	31	7	883	2.63	18	5	ND	3	20	1.7	2	2	29	.33	.382	8	15	.27	197	.25	2	5.63	.03	.09	1
1600E 3950N	1	26	34	436	.5	47	8	269	2.48	6	5	ND	4	20	.7	2	2	28	.27	.278	8	18	.34	159	.25	4	5.58	.03	.11	1
1600E 3900N	1	14	47	365	.1	63	11	955	2.25	4	5	ND	2	21	.7	2	2	29	.34	.077	7	28	.83	293	.22	5	2.90	.03	.17	1
1600E 3850N	1	26	75	243	.1	36	11	1095	2.55	6	5	ND	1	28	.8	2	2	34	.53	.052	6	34	.89	197	.22	4	2.99	.02	.20	1
1600E 3800N	1	22	86	135	.1	24	9	1177	1.78	6	5	ND	1	19	1.1	2	2	28	.39	.034	6	29	.83	98	.14	2	1.84	.02	.16	1
1600E 3750N	1	64	65	279	.1	58	13	672	3.16	8	5	ND	2	18	.2	2	2	39	.38	.033	6	38	1.07	173	.24	2	3.31	.02	.17	1
1600E 3700N	1	24	52	244	.2	51	12	729	2.78	2	5	ND	2	13	.2	2	2	35	.18	.061	5	20	.36	175	.27	2	4.28	.03	.09	1
1600E 3650N	1	20	145	318	.5	42	12	430	2.62	11	5	ND	3	12	.2	3	2	33	.19	.067	5	30	.38	185	.24	3	4.31	.02	.09	1
1600E 3600N	1	33	117	246	.3	38	10	370	2.86	4	5	ND	4	10	.2	2	2	36	.15	.089	9	35	.65	167	.26	2	5.29	.02	.09	1
1600E 3550N	1	32	142	377	.1	52	11	606	2.82	16	5	ND	3	14	.2	2	2	35	.21	.052	7	44	.75	163	.23	2	3.48	.02	.15	1
1600E 3500N	1	19	65	422	.6	39	9	505	2.75	22	5	ND	3	18	.5	2	2	30	.31	.478	4	23	.27	138	.26	2	5.61	.03	.09	1
1600E 3450N	1	17	108	319	.1	14	7	2402	1.26	6	5	ND	1	27	2.3	2	2	19	.57	.056	6	15	.59	380	.11	2	1.26	.02	.12	1
1600E 3400N	1	66	86	263	.1	51	12	557	3.54	2	5	ND	3	13	.2	2	2	45	.24	.066	6	47	1.21	265	.26	3	4.48	.02	.19	1
1600E 2550N	1	45	86	460	.1	27	16	1743	3.04	10	5	ND	1	17	.5	2	2	45	.29	.057	6	33	1.00	257	.25	2	2.38	.02	.18	1
1600E 2500N	1	12	110	445	.2	24	8	891	2.72	19	5	ND	3	12	.7	2	2	35	.13	.128	5	18	.29	306	.26	5	3.66	.02	.08	1
1600E 2450N	1	50	267	562	.4	40	9	755	3.00	65	5	ND	5	13	.9	2	3	33	.17	.121	7	32	.51	152	.22	5	4.00	.02	.11	1
1600E 2400N	1	22	107	334	.5	32	8	248	2.66	6	5	ND	4	16	.6	2	2	31	.26	.104	8	21	.31	150	.27	2	5.39	.03	.09	1
1600E 2350N	1	21	81	429	1.2	40	8	242	2.92	18	5	ND	4	15	.4	2	2	34	.20	.232	4	28	.30	94	.30	2	5.98	.03	.08	1
1600E 2300N	1	17	102	398	.4	26	9	2050	2.54	16	5	ND	3	15	.5	2	2	31	.20	.301	7	22	.40	237	.24	3	4.23	.02	.12	1
1600E 2250N	1	21	105	393	.3	42	10	652	2.52	8	5	ND	3	15	.4	2	2	31	.19	.062	8	30	.56	232	.23	2	3.14	.02	.14	1
1600E 2200N	1	13	92	430	.6	23	7	240	2.44	24	5	ND	3	10	.7	2	2	33	.16	.049	8	24	.23	84	.17	2	2.17	.02	.08	1
RE 1600E 2400N	1	20	110	329	.5	32	8	245	2.58	4	5	ND	4	16	.4	2	2	31	.27	.102	8	20	.31	149	.27	2	5.20	.03	.09	1
1600E 2150N	1	22	62	322	.5	23	11	866	2.67	10	5	ND	3	15	.6	2	2	34	.17	.487	6	19	.26	138	.24	2	3.79	.02	.09	1
1600E 2100N	1	17	48	375	.2	34	9	1074	2.36	10	5	ND	3	14	.8	2	2	31	.16	.129	7	22	.35	173	.24	2	3.40	.02	.11	1
STANDARD C	17	58	37	132	7.0	70	32	1044	3.96	40	17	8	36	52	18.4	16	18	54	.48	.090	36	58	.88	178	.09	33	1.87	.06	.15	13

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1600E 2050N	5	300	207	414	.8	402	15	969	6.03	22	5	ND	7	18	.2	13	2	65	.28	.135	14	66	.74	380	.28	3	8.35	.03	.26	1
1600E 2000N	1	22	51	179	.1	37	7	265	2.45	8	5	ND	4	10	.2	5	2	31	.13	.177	6	24	.41	104	.22	2	3.72	.02	.08	1
RE 1600E 1950N	1	35	41	203	.1	66	14	631	2.65	2	5	ND	2	17	.3	2	2	33	.24	.049	7	28	.71	281	.26	2	3.25	.02	.19	1
1600E 1950N	1	35	43	195	.1	64	13	611	2.60	3	5	ND	2	17	.2	2	2	32	.23	.048	7	28	.67	270	.25	2	3.09	.02	.18	1
1600E 1900N	1	23	54	156	.1	28	8	1117	2.30	6	5	ND	3	10	.3	2	2	30	.13	.120	9	28	.41	151	.22	2	3.58	.02	.09	1
1600E 1850N	1	31	33	137	.1	40	10	493	2.54	5	5	ND	3	15	.2	2	2	36	.20	.114	5	35	.59	163	.24	2	4.14	.02	.12	1
1600E 1800N	1	32	28	182	.7	47	12	235	2.41	5	5	ND	2	15	.5	2	2	34	.24	.030	4	23	.42	122	.26	2	3.80	.02	.14	1
STANDARD C	18	58	38	132	7.2	71	32	1044	3.97	43	16	6	35	52	18.5	15	19	57	.48	.089	36	58	.88	177	.09	32	1.88	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ARC
Soils

GEOCHEMICAL ANALYSIS CERTIFICATE

Kokanee Explorations Ltd. File # 91-5539 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
800E 2350N	1	36	30	227	.1	39	14	455	3.55	3	5	ND	4	19	.2	2	2	58	.20	.073	9	41	.85	303	.25	3	3.72	.03	.29	3
800E 2300N	1	24	59	134	.1	26	10	447	2.61	2	5	ND	5	15	.2	2	2	32	.13	.078	14	29	.36	177	.21	4	5.51	.03	.10	3
800E 2250N	1	14	44	187	.1	23	8	917	2.49	13	5	ND	4	21	.2	2	2	30	.14	.412	7	27	.24	212	.19	4	4.00	.03	.09	3
800E 2200N	1	13	54	139	.1	23	9	505	2.42	6	5	ND	5	20	.2	2	2	31	.16	.088	11	32	.35	151	.15	3	3.24	.03	.12	3
800E 2150N	1	16	33	119	.2	28	8	644	2.51	2	5	ND	5	17	.2	2	2	30	.15	.104	11	32	.39	180	.18	4	4.31	.02	.11	3
800E 2100N	1	16	38	140	.1	21	8	904	2.48	3	5	ND	4	31	.2	2	2	30	.20	.133	12	27	.36	193	.19	3	4.46	.03	.11	3
800E 2050N	1	14	34	129	.1	18	7	335	2.88	8	5	ND	4	23	.2	2	3	34	.14	.143	9	25	.35	188	.19	3	4.36	.03	.16	2
800E 2000N	2	28	29	100	.3	18	7	232	2.52	2	5	ND	6	32	.7	2	2	31	.20	.097	9	22	.34	88	.22	4	5.83	.04	.12	2
800E 1950N	1	10	26	135	.2	22	7	379	2.00	2	5	ND	4	21	.2	2	2	24	.16	.059	9	22	.34	170	.17	4	2.68	.03	.14	1
800E 1900N	1	15	23	154	.1	43	8	599	2.23	5	5	ND	4	15	.3	2	2	28	.17	.128	9	33	.42	173	.16	4	3.49	.03	.11	2
800E 1850N	1	11	37	108	.1	25	25	1570	2.09	10	5	ND	4	19	.2	2	2	31	.24	.037	10	29	.47	202	.19	3	1.55	.02	.14	1
800E 1800N	1	10	19	208	.1	26	14	2023	3.00	5	5	ND	1	14	.2	2	2	43	.24	.065	6	37	1.39	172	.26	3	3.05	.02	.12	1
800E 1750N	1	109	24	143	.1	48	20	1036	4.47	2	5	ND	4	17	.2	2	2	69	.24	.079	7	50	1.12	325	.29	3	5.23	.03	.32	3
800E 1700N	1	32	21	106	.1	30	11	372	3.16	2	5	ND	5	12	.2	2	2	41	.13	.149	10	31	.65	134	.23	4	5.75	.03	.12	3
800E 1650N	1	39	20	147	.1	38	14	463	3.22	2	5	ND	4	19	.2	2	2	40	.25	.057	7	36	1.29	232	.27	3	3.85	.03	.19	1
800E 1600N	1	21	32	155	.1	32	11	1167	2.79	5	5	ND	3	22	.2	2	2	36	.29	.067	6	31	.92	277	.23	3	3.35	.03	.15	1
800E 1550N	1	21	21	213	.2	38	10	285	2.55	7	5	ND	4	15	.4	2	2	30	.21	.216	9	26	.41	141	.19	4	3.84	.03	.11	2
800E 1500N	1	15	20	125	.1	28	9	979	2.43	4	5	ND	4	18	.2	2	2	30	.20	.087	10	25	.37	228	.21	4	4.23	.04	.10	1
800E 1450N	1	13	27	108	.1	24	8	1227	2.44	2	5	ND	3	15	.2	2	2	31	.19	.115	7	21	.33	224	.21	4	4.25	.04	.10	3
1000E 2350N	1	10	65	202	.2	31	9	612	2.34	9	5	ND	4	18	.2	2	2	30	.19	.070	10	31	.32	177	.16	3	2.82	.02	.09	1
1000E 2300N	1	31	161	379	.4	59	10	1688	2.37	16	6	ND	5	49	.6	2	2	27	.38	.046	40	39	.50	183	.13	2	3.15	.04	.14	1
1000E 2250N	1	12	146	270	.2	32	11	2062	2.53	9	5	ND	3	20	.4	2	2	32	.15	.173	12	22	.25	238	.22	4	3.50	.04	.08	1
1000E 2200N	1	23	61	186	.1	30	8	805	2.70	5	5	ND	7	22	.2	2	2	31	.21	.108	15	28	.42	210	.17	3	4.27	.03	.10	1
1000E 2150N	1	11	92	229	.2	26	8	1952	2.65	8	5	ND	4	21	.2	2	2	34	.18	.068	13	23	.32	313	.18	4	3.02	.03	.12	2
1000E 2100N	1	16	57	121	.3	21	7	398	2.52	2	5	ND	6	19	.2	2	2	29	.12	.107	11	19	.26	146	.23	3	6.51	.03	.07	1
RE 1000E 2300N	1	31	164	374	.4	58	10	1759	2.36	15	7	ND	5	50	.6	2	2	28	.39	.047	42	40	.49	181	.14	3	3.24	.04	.11	1
1000E 2050N	1	31	90	258	.1	39	9	470	2.54	14	5	ND	6	14	.2	2	2	29	.13	.057	13	33	.45	119	.18	3	4.18	.03	.10	2
1000E 2000N	1	14	59	175	.1	41	8	522	1.90	6	5	ND	3	15	.2	2	2	25	.15	.042	9	34	.38	168	.14	2	1.98	.03	.09	1
1000E 1950N	1	26	64	125	.2	33	9	315	2.34	4	5	ND	6	13	.2	2	2	30	.13	.087	11	36	.44	120	.15	2	3.09	.02	.11	1
1000E 1900N	1	18	46	220	.1	34	11	1085	2.96	10	5	ND	5	25	.2	2	2	35	.21	.122	11	33	.50	272	.17	3	3.05	.03	.17	2
1000E 1850N	1	21	59	155	.1	33	9	690	2.45	8	5	ND	5	19	.2	2	2	32	.17	.068	13	34	.44	176	.16	2	2.76	.03	.12	1
1000E 1800N	1	20	30	133	.1	24	9	1355	2.82	4	5	ND	4	20	.2	2	2	37	.16	.158	10	25	.36	183	.22	5	4.28	.03	.12	2
1000E 1750N	1	31	61	119	.1	34	8	393	2.05	8	5	ND	7	14	.2	2	2	25	.16	.038	16	39	.51	118	.12	2	1.86	.02	.10	1
1000E 1700N	1	18	45	157	.1	35	10	1456	2.62	3	5	ND	4	20	.2	2	2	34	.18	.098	9	29	.35	259	.22	6	3.89	.04	.11	1
1000E 1650N	1	19	19	295	.1	29	9	3018	2.61	6	5	ND	3	20	.4	2	2	32	.14	.251	10	19	.32	361	.23	4	4.27	.04	.14	3
1000E 1600N	1	24	64	276	.2	19	11	1623	2.15	6	5	ND	3	128	1.5	2	2	24	1.44	.252	9	19	.37	856	.19	6	1.94	.04	.22	1
1000E 1550N	1	36	54	178	.1	106	18	385	3.96	7	5	ND	6	25	.2	2	2	54	.22	.074	18	117	1.25	224	.25	2	3.70	.02	.28	1
STANDARD C	19	60	37	129	6.9	72	33	1042	3.87	41	18	7	38	52	18.5	15	19	55	.47	.085	39	59	.86	172	.09	33	1.86	.09	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 20 1991 **DATE REPORT MAILED:** Nov 25/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1000E 1500N	1	23	25	118	.1	17	8	419	2.57	2	5	ND	4	15	.2	2	2	36	.13	.139	8	19	.23	152	.21	2	5.30	.02	.06	1
1000E 1450N	1	15	36	149	.3	14	9	758	2.87	9	5	ND	3	29	1.2	4	2	38	.26	.137	8	18	.37	202	.20	5	3.40	.01	.15	2
1000E 1400N	1	32	44	110	.1	66	17	1562	2.73	11	5	ND	2	36	.8	2	3	40	.48	.070	8	86	1.25	282	.22	2	2.88	.02	.28	1
1000E 1350N	1	30	47	425	.1	60	23	1558	2.59	3	5	ND	4	34	1.0	2	2	31	.34	.225	21	31	.44	262	.19	4	4.90	.03	.14	1
1000E 1300N	1	21	63	275	.1	38	12	1473	2.29	9	5	ND	4	29	1.1	2	2	29	.31	.243	12	33	.48	319	.17	5	2.96	.02	.14	1
1000E 1250N	1	21	26	187	.3	21	4	154	1.20	6	5	ND	4	25	.3	2	2	17	.24	.424	11	24	.24	237	.17	2	3.58	.03	.08	1
1000E 1200N	1	15	25	154	.1	27	10	1430	2.14	7	5	ND	3	22	.5	2	2	28	.27	.119	9	28	.49	305	.15	2	2.43	.02	.15	1
1000E 1150N	1	20	25	103	.2	27	10	545	2.20	6	5	ND	5	17	.4	3	3	29	.19	.092	10	29	.47	154	.16	2	3.45	.02	.11	1
1000E 1100N	1	19	24	94	.1	33	8	378	1.81	3	5	ND	4	14	.3	2	2	24	.19	.052	10	26	.44	97	.12	4	1.86	.01	.10	1
1000E 1050N	1	20	20	102	.3	28	10	262	1.71	8	5	ND	5	22	.4	2	3	23	.32	.048	10	33	.63	115	.12	2	1.50	.02	.16	1
1000E 1000N	1	17	27	114	.1	35	10	837	1.93	2	5	ND	2	30	.3	2	2	27	.34	.024	8	35	.65	200	.16	2	2.35	.02	.19	1
1000E 950N	1	14	25	154	.1	40	11	185	2.49	7	5	ND	5	30	.6	2	5	29	.25	.071	7	30	.32	168	.22	7	6.04	.03	.09	2
1000E 900N	1	15	25	164	.2	45	13	890	2.61	3	5	ND	4	27	.5	2	4	33	.24	.048	10	31	.42	355	.22	3	3.68	.03	.15	1
1000E 850N	1	34	11	278	.3	44	15	887	2.54	3	5	ND	4	48	.5	3	2	34	.62	.144	7	51	1.44	535	.21	5	2.96	.02	.25	1
1000E 800N	1	18	19	171	.1	44	10	722	2.43	2	5	ND	5	21	.5	2	4	31	.20	.089	9	27	.52	319	.21	3	4.54	.02	.11	1
1000E 750N	1	19	16	107	.1	39	10	405	2.36	2	5	ND	5	20	.2	2	4	32	.23	.054	9	41	.55	201	.20	3	4.46	.03	.10	1
RE 1800E 4650N	1	47	35	297	.1	36	13	1118	2.33	7	5	ND	3	24	.9	2	2	30	.46	.120	6	38	1.24	350	.21	4	2.66	.03	.19	1
1000E 700N	1	17	22	116	.1	46	8	750	1.84	4	5	ND	5	36	.2	2	3	23	.33	.226	11	35	.50	360	.15	6	3.14	.03	.13	1
1800E 4800N	1	12	20	201	.5	38	9	506	1.94	6	5	ND	6	26	.5	3	2	24	.28	.152	8	22	.28	227	.17	3	3.83	.03	.10	1
1800E 4750N	1	55	19	172	.3	36	15	1314	2.32	7	5	ND	3	21	.6	2	2	32	.27	.237	7	27	.66	341	.18	4	3.34	.02	.12	1
1800E 4700N	1	12	16	222	.5	30	9	485	1.77	7	5	ND	5	23	.2	3	2	21	.26	.299	9	20	.29	236	.14	4	2.77	.02	.10	1
1800E 4650N	1	48	41	322	.1	40	14	1195	2.53	6	5	ND	2	25	.8	2	2	32	.49	.135	6	42	1.33	356	.22	3	2.74	.03	.20	1
1800E 4600N	1	49	35	188	.1	77	15	308	2.46	8	5	ND	4	18	.3	2	3	33	.34	.047	8	65	1.20	122	.20	2	2.53	.02	.16	1
1800E 4550N	1	35	24	240	.1	51	14	375	2.61	8	5	ND	2	28	.6	2	2	32	.44	.116	6	35	1.33	239	.22	5	3.20	.03	.28	1
1800E 4500N	1	35	22	146	.1	33	11	304	2.64	4	5	ND	5	25	.4	2	4	32	.51	.082	8	25	.77	127	.24	9	5.31	.04	.16	1
1800E 4450N	1	63	48	165	.5	54	14	832	2.76	4	5	ND	4	28	.8	2	2	33	.76	.032	28	38	1.11	153	.19	2	3.83	.02	.17	1
1800E 4400N	1	39	59	194	.1	40	13	253	2.76	12	5	ND	5	14	.2	2	2	34	.30	.058	10	38	.64	114	.20	3	3.68	.02	.10	1
1800E 4350N	1	21	67	142	.1	40	12	221	2.88	2	5	ND	5	13	.2	2	4	36	.20	.048	7	34	.62	136	.23	5	5.17	.02	.08	1
1800E 4300N	1	21	43	185	.1	29	11	515	2.48	8	5	ND	3	16	.2	2	5	32	.32	.078	8	33	.81	129	.17	2	2.68	.02	.13	1
1800E 4250N	1	18	39	182	.1	28	12	1555	2.74	6	5	ND	4	20	.3	2	4	34	.29	.177	10	30	.68	329	.21	5	4.26	.03	.13	1
1800E 4200N	1	65	28	212	.1	83	22	1012	3.16	6	5	ND	4	17	.5	3	4	43	.42	.087	7	99	1.43	246	.26	4	3.77	.02	.15	1
1800E 4150N	1	89	28	183	.1	78	27	1036	3.04	11	5	ND	3	13	.3	2	2	46	.33	.138	5	62	1.10	162	.26	2	3.08	.02	.17	1
1800E 4100N	2	60	88	212	.1	50	16	317	2.79	16	5	ND	8	11	.6	3	4	38	.25	.043	14	48	1.01	117	.19	2	2.94	.01	.18	2
1800E 4050N	1	25	128	333	.1	41	13	908	2.68	10	5	ND	4	17	.7	2	4	32	.24	.070	11	39	.63	245	.18	4	2.99	.02	.17	1
1800E 4000N	1	34	118	472	.5	57	14	1173	3.00	13	5	ND	5	17	1.2	2	2	36	.28	.048	9	42	.85	222	.23	2	3.92	.02	.18	1
1800E 3950N	1	51	96	402	.1	43	14	738	3.18	29	5	ND	7	16	.4	2	4	39	.34	.097	13	43	1.05	198	.20	2	3.33	.02	.21	1
1800E 3900N	1	14	90	568	.3	34	10	980	2.29	19	5	ND	4	24	1.0	2	2	27	.29	.101	10	28	.44	261	.19	4	2.86	.02	.13	1
STANDARD C	18	57	41	133	7.3	70	32	1050	4.01	44	19	7	40	52	18.5	16	21	55	.49	.091	39	58	.89	180	.09	33	1.89	.06	.15	11

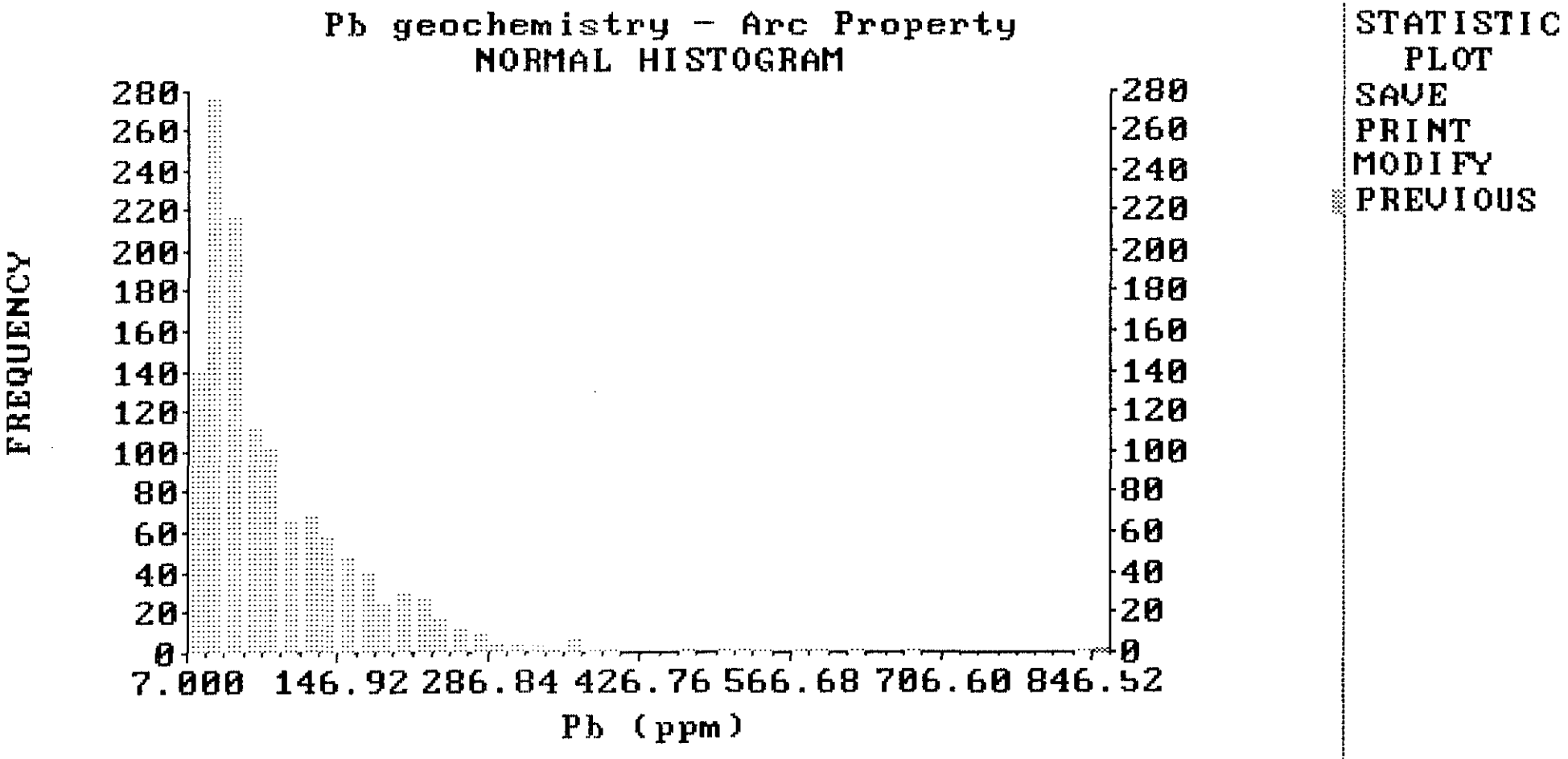
Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1800E 3850N	1	18	56	340	.2	53	9	463	2.63	2	5	ND	3	23	.2	2	2	31	.41	.131	7	27	.83	192	.24	7	4.50	.03	.11	2
1800E 3800N	1	19	98	512	.3	27	9	375	2.44	8	5	ND	3	16	.8	2	2	26	.31	.466	8	21	.32	171	.17	7	3.75	.02	.09	1
1800E 3750N	1	66	152	464	.2	48	12	1286	3.02	2	5	ND	3	16	.4	2	2	40	.35	.088	10	42	.98	231	.19	5	3.69	.02	.17	1
1800E 3700N	1	26	108	480	.2	54	10	258	2.19	12	5	ND	4	17	.2	2	2	27	.32	.099	9	35	.63	162	.16	4	2.79	.02	.12	1
1800E 3650N	1	20	58	230	.1	35	8	441	2.52	3	5	ND	4	16	.2	3	2	29	.26	.197	9	25	.52	201	.23	4	4.92	.03	.12	3
1800E 3600N	1	17	74	583	.2	43	9	1057	2.39	7	5	ND	4	18	.9	2	2	30	.25	.255	7	19	.38	237	.24	6	5.25	.03	.11	1
1800E 3550N	1	17	82	260	1.1	43	6	175	2.46	5	5	ND	3	17	.2	3	2	26	.24	.145	6	16	.19	97	.26	4	5.99	.04	.06	1
1800E 3500N	3	261	360	855	1.7	420	12	1623	6.24	7	5	ND	8	29	1.4	2	2	54	.90	.063	53	78	.85	394	.25	5	9.31	.03	.49	1
1800E 3450N	1	23	35	171	.1	24	8	908	2.80	2	5	ND	4	20	.4	2	3	37	.28	.197	7	18	.76	241	.26	8	5.74	.02	.08	1
2000E 4200N	1	54	25	125	.1	57	17	400	3.13	2	5	ND	3	14	.2	2	2	49	.33	.060	7	59	1.07	135	.25	4	3.58	.02	.17	1
2000E 4150N	1	40	38	127	.1	45	13	934	2.95	2	5	ND	3	16	.2	2	2	41	.31	.062	9	48	1.00	174	.24	4	3.49	.02	.16	1
2000E 4100N	1	36	30	161	.1	33	10	666	3.12	2	5	ND	3	16	.2	2	3	40	.30	.150	8	40	1.15	149	.25	6	4.36	.02	.18	1
2000E 4050N	1	74	29	186	.1	55	20	2311	3.20	2	5	ND	3	23	.2	2	2	43	.37	.243	8	26	.69	551	.24	3	4.44	.03	.19	1
2000E 4000N	1	32	32	157	.1	25	8	2640	2.46	2	5	ND	2	21	.3	2	3	31	.35	.159	10	18	.70	334	.22	5	4.53	.02	.12	2
2000E 3950N	1	140	31	153	.1	38	13	513	2.77	3	5	ND	4	18	.2	2	2	39	.43	.120	9	33	1.17	180	.23	3	3.15	.02	.19	1
2000E 3900N	1	26	37	235	.1	39	11	328	2.14	3	5	ND	4	17	.2	2	2	28	.29	.060	12	27	.69	273	.16	4	2.67	.02	.18	1
2000E 3850N	1	19	49	291	.1	49	9	636	2.44	8	5	ND	4	24	.2	3	2	26	.41	.398	7	27	.44	264	.21	6	4.83	.03	.15	1
2000E 3800N	1	22	54	307	.1	43	10	492	2.81	3	5	ND	4	16	.2	2	2	33	.34	.081	8	34	.78	209	.23	3	3.68	.02	.20	1
2000E 3750N	1	34	118	386	.3	76	11	734	2.94	5	5	ND	4	23	.2	2	2	33	.42	.090	15	30	.53	225	.25	4	4.84	.03	.19	1
2000E 3700N	1	14	75	365	.1	28	9	1665	2.21	6	5	ND	3	31	.5	2	2	29	.42	.127	9	15	.45	334	.24	7	3.38	.03	.14	1
2000E 3650N	1	18	50	237	.1	37	10	323	2.58	2	5	ND	4	21	.2	2	2	32	.32	.080	10	32	.68	148	.21	3	3.55	.02	.12	1
2000E 3600N	1	35	180	380	.1	46	11	636	2.76	8	5	ND	4	15	.2	2	2	34	.25	.217	10	43	.84	182	.20	4	3.57	.02	.14	2
2000E 3550N	1	54	22	159	.1	28	11	366	3.16	2	5	ND	4	21	.2	2	2	39	.41	.100	8	38	2.09	113	.27	2	4.17	.03	.31	2
2000E 3500N	1	20	43	201	.1	23	11	1596	2.78	2	5	ND	4	18	.2	2	2	33	.31	.279	8	23	.86	323	.26	7	4.53	.03	.13	1
2000E 3450N	1	84	35	122	.1	35	15	438	3.25	9	5	ND	5	12	.2	3	2	42	.41	.054	10	38	1.94	136	.25	5	3.66	.02	.21	3
2000E 3400N	1	34	73	227	.1	29	10	518	3.24	8	5	ND	4	18	.2	2	2	43	.43	.093	9	37	1.74	178	.26	2	3.92	.02	.17	2
2000E 3350N	1	41	46	163	.1	28	12	613	2.27	7	5	ND	3	19	.5	2	2	34	.48	.086	7	31	1.14	222	.16	6	2.15	.02	.27	1
2000E 3300N	1	23	36	283	.1	25	12	1158	2.77	6	5	ND	3	15	.5	2	2	41	.38	.082	8	39	1.51	220	.26	2	2.73	.02	.23	1
2000E 3250N	1	45	268	688	.7	58	11	910	3.08	28	5	ND	5	17	.8	2	2	36	.30	.084	15	39	.75	221	.18	3	3.38	.02	.22	1
RE 2000E 3450N	1	78	35	114	.1	33	15	411	3.08	11	5	ND	5	12	.2	2	2	41	.40	.051	10	37	1.88	131	.25	4	3.47	.02	.20	2
2000E 3200N	1	24	237	574	.5	41	10	858	2.48	20	5	ND	4	25	.8	2	2	31	.37	.113	11	26	.51	282	.16	3	3.24	.02	.14	1
2000E 3150N	1	24	396	539	.1	28	10	1006	3.30	74	5	ND	3	18	.7	2	2	40	.34	.124	9	33	1.32	259	.25	3	3.54	.02	.16	1
2000E 3100N	1	20	60	396	.1	25	8	273	1.73	14	5	ND	4	10	.5	2	2	27	.29	.020	12	29	.67	72	.15	4	1.57	.02	.10	1
2000E 3050N	1	30	128	435	.1	51	13	502	2.79	13	5	ND	4	16	.7	2	3	37	.22	.092	8	34	.67	197	.26	4	3.90	.02	.14	2
2000E 3000N	1	18	91	850	.5	27	8	325	2.20	9	5	ND	4	20	1.5	2	2	26	.35	.554	8	14	.50	577	.19	6	2.65	.03	.10	1
2000E 2950N	1	16	133	403	.2	30	8	516	2.35	19	5	ND	4	19	.7	3	2	28	.24	.478	8	17	.34	274	.20	5	4.24	.03	.10	2
STANDARD C	18	58	39	131	6.8	72	32	1042	3.92	40	18	7	37	53	18.5	15	19	54	.49	.090	37	58	.88	176	.09	32	1.88	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
2200E 3400N	1	28	76	561	.1	41	13	463	2.52	11	5	ND	3	13	.3	2	2	31	.32	.055	9	32	.58	149	.16	2	2.25	.02	.13	1
2200E 3350N	1	24	114	454	.1	41	13	752	2.78	11	5	ND	6	19	.5	6	5	34	.26	.121	8	32	.47	214	.21	7	4.51	.03	.14	1
2200E 3300N	2	134	141	863	1.2	127	13	614	3.56	13	5	ND	6	27	.7	4	5	38	.64	.030	30	71	.80	241	.19	2	4.68	.03	.18	1
2200E 3250N	2	160	116	666	.9	96	14	730	3.73	13	5	ND	7	23	.6	3	4	43	.50	.081	27	58	.68	309	.21	2	5.28	.03	.20	1
2200E 3200N	1	38	39	339	.2	29	14	808	4.34	2	5	ND	4	22	.7	2	3	43	.39	.145	10	22	.79	331	.32	2	4.81	.03	.68	1
RE 2200E 3000N	1	41	40	249	.2	60	18	393	3.36	2	5	ND	4	21	.6	2	6	43	.30	.199	8	41	.58	279	.26	5	5.76	.03	.28	1
2200E 3150N	1	43	19	232	.8	23	13	1573	3.94	2	5	ND	3	90	3.0	2	2	41	4.80	.139	8	23	2.31	319	.23	2	2.95	.02	.78	1
2200E 3100N	1	25	156	625	.1	36	11	541	2.58	30	5	ND	4	16	.8	2	2	34	.33	.145	10	34	.73	201	.17	2	3.03	.02	.13	1
2200E 3050N	1	35	68	237	.1	61	14	548	2.68	6	5	ND	3	15	.2	2	2	34	.27	.184	7	27	.48	249	.22	3	3.93	.02	.11	1
2200E 3000N	1	38	39	246	.4	62	18	388	3.41	5	5	ND	5	21	.3	2	5	44	.31	.213	8	43	.60	261	.26	2	5.18	.03	.28	1
2200E 2950N	1	48	60	267	.1	79	18	690	2.46	8	5	ND	1	27	1.5	2	2	34	.62	.130	6	55	.76	266	.19	4	2.19	.02	.20	1
STANDARD C	18	60	38	128	6.9	71	32	1031	3.92	38	17	7	41	52	17.4	18	21	54	.49	.087	39	57	.92	186	.10	31	1.93	.06	.17	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.


Pb geochemistry - Arc Property
NORMAL HISTOGRAM
FREQUENCY
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
7.000
146.92
286.84
426.76
566.68
706.60
846.52
Pb (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcpb.mex
DATA DESCRIPTION : Lead values for statistical analysis
USER DESCRIPTION : Pb geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
426.760	444.250	0	.000	1265	86.187	99.14	11	605.273	.86
444.250	461.740	0	.000	1265	86.187	99.14	11	605.273	.86
461.740	479.230	2	465.000	1267	86.785	99.29	11	605.273	.86
479.230	496.720	0	.000	1267	86.785	99.29	9	636.444	.71
496.720	514.210	1	499.000	1268	87.110	99.37	9	636.444	.71
514.210	531.700	1	517.000	1269	87.449	99.45	8	653.625	.63
531.700	549.190	1	537.000	1270	87.803	99.53	7	673.143	.55
549.190	566.680	0	.000	1270	87.803	99.53	6	695.833	.47
566.680	584.170	1	569.000	1271	88.182	99.61	6	695.833	.47
584.170	601.660	1	600.000	1272	88.584	99.69	5	721.200	.39
601.660	619.150	0	.000	1272	88.584	99.69	4	751.500	.31
619.150	636.640	1	623.000	1273	89.004	99.76	4	751.500	.31
636.640	654.130	0	.000	1273	89.004	99.76	3	794.333	.24
654.130	671.620	0	.000	1273	89.004	99.76	3	794.333	.24
671.620	689.110	1	680.000	1274	89.468	99.84	3	794.333	.24
689.110	706.600	0	.000	1274	89.468	99.84	2	851.500	.16
706.600	724.090	0	.000	1274	89.468	99.84	2	851.500	.16
724.090	741.580	0	.000	1274	89.468	99.84	2	851.500	.16
741.580	759.070	0	.000	1274	89.468	99.84	2	851.500	.16
759.070	776.560	0	.000	1274	89.468	99.84	2	851.500	.16
776.560	794.050	0	.000	1274	89.468	99.84	2	851.500	.16
794.050	811.540	0	.000	1274	89.468	99.84	2	851.500	.16
811.540	829.030	0	.000	1274	89.468	99.84	2	851.500	.16
829.030	846.520	1	839.000	1275	90.056	99.92	2	851.500	.16
846.520	864.010	1	864.000	1276	90.662	100.00	1	864.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcpb.mex
DATA DESCRIPTION : Lead values for statistical analysis
USER DESCRIPTION : Pb geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
7.000	24.490	140	19.271	140	19.271	10.97	1276	90.662	100.00
24.490	41.980	275	32.524	415	28.053	32.52	1136	99.460	89.03
41.980	59.470	218	48.849	633	35.215	49.61	861	120.840	67.48
59.470	76.960	112	66.964	745	39.988	58.39	643	145.247	50.39
76.960	94.450	101	84.574	846	45.311	66.30	531	161.759	41.61
94.450	111.940	66	104.045	912	49.561	71.47	430	179.888	33.70
111.940	129.430	67	119.657	979	54.359	76.72	364	193.640	28.53
129.430	146.920	59	137.525	1038	59.086	81.35	297	210.330	23.28
146.920	164.410	48	155.063	1086	63.328	85.11	238	228.378	18.65
164.410	181.900	39	172.077	1125	67.098	88.17	190	246.900	14.89
181.900	199.390	25	190.240	1150	69.775	90.13	151	266.225	11.83
199.390	216.880	30	205.700	1180	73.231	92.48	126	281.302	9.87
216.880	234.370	26	225.385	1206	76.511	94.51	96	304.927	7.52
234.370	251.860	17	242.235	1223	78.814	95.85	70	334.471	5.49
251.860	269.350	13	262.308	1236	80.744	96.87	53	364.057	4.15
269.350	286.840	9	277.889	1245	82.169	97.57	40	397.125	3.13
286.840	304.330	4	289.750	1249	82.834	97.88	31	431.742	2.43
304.330	321.820	3	310.333	1252	83.379	98.12	27	452.778	2.12
321.820	339.310	4	330.250	1256	84.166	98.43	24	470.583	1.88
339.310	356.800	1	351.000	1257	84.378	98.51	20	498.650	1.57
356.800	374.290	6	365.167	1263	85.712	98.98	19	506.421	1.49
374.290	391.780	1	377.000	1264	85.942	99.06	13	571.615	1.02
391.780	409.270	1	396.000	1265	86.187	99.14	12	587.833	.94
409.270	426.760	0	.000	1265	86.187	99.14	11	605.273	.86

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

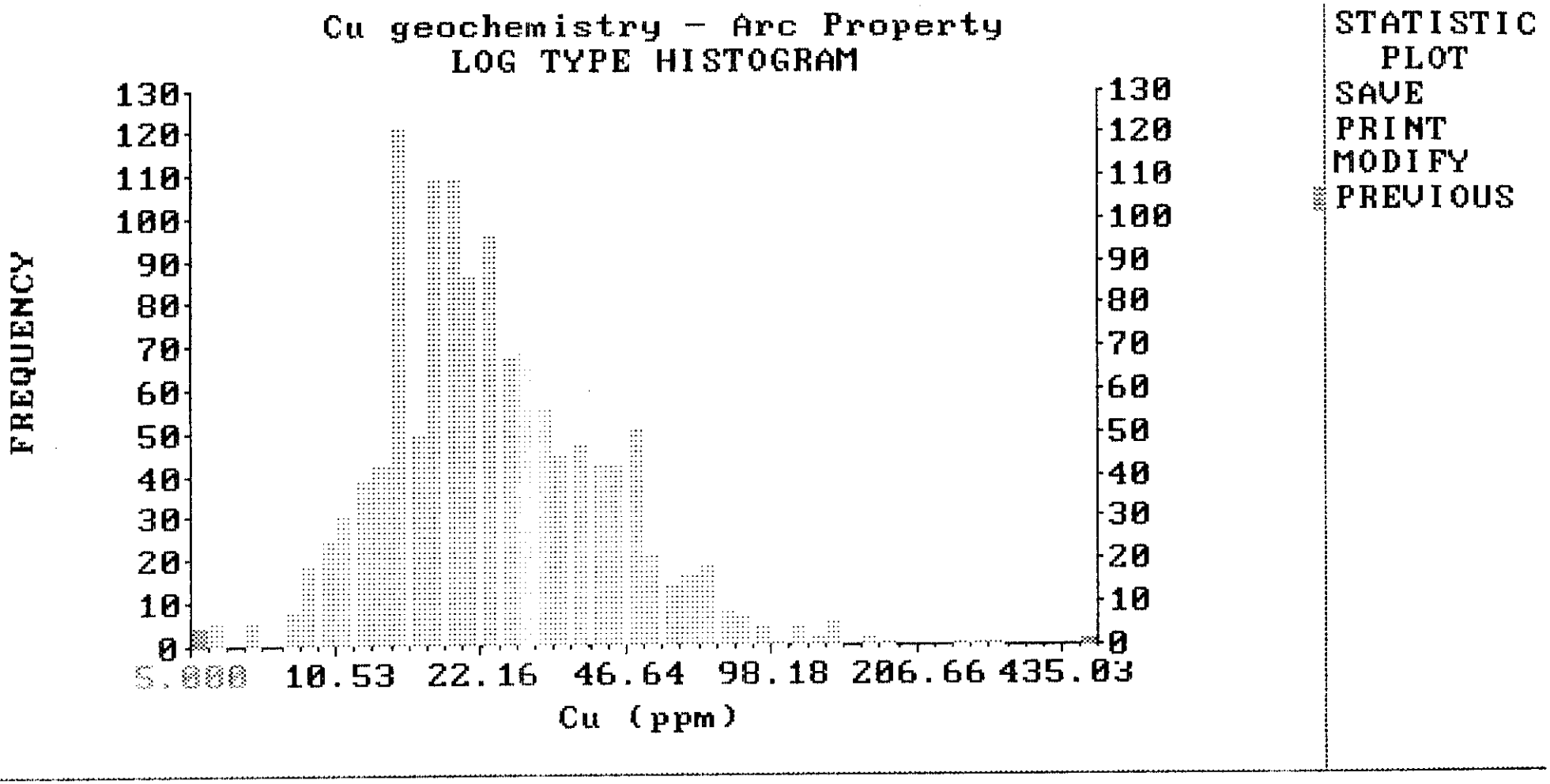
EXTRACTION FILENAME : c:\arc\arcpb.mex
DATA DESCRIPTION : Lead values for statistical analysis
USER DESCRIPTION : Pb geochemistry - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	7.000
MAXIMUM CUTOFF VALUE	:	864.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	7.000
MAXIMUM HISTOGRAM VALUE	:	864.000
CLASS INTERVAL	:	17.490
MINIMUM POPULATION DATA POINT	:	7.000
MAXIMUM POPULATION DATA POINT	:	864.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	90.6622	91.1603
MEDIAN		60.2508
GEOMETRIC MEAN	64.9045	64.8932
NATURAL LOG MEAN	4.1729	4.1727
STANDARD DEVIATION	85.4415	85.6438
VARIANCE	7300.2510	7334.8560
COEFFICIENT OF VARIATION	.9424	.9395
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	7300.2510	7334.8560
MOMENT 3 ABOUT ARITHMETIC MEAN	1855027.0000	1850050.0000
MOMENT 4 ABOUT ARITHMETIC MEAN	996026400.0000	987916200.0000
MOMENT COEFFICIENT OF SKEWNESS	2.9740	2.9451
MOMENT COEFFICIENT OF KURTOSIS	18.6894	18.3627

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Cu geochemistry - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
130
120
110
100
90
80
70
60
50
40
30
20
10
0
5.000
10.53
22.16
46.64
98.18
206.66
435.03
Cu (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arccu.mex
DATA DESCRIPTION : Copper values for statistical analysis
USER DESCRIPTION : Cu geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
51.186	56.177	21	53.745	1189	21.475	93.18	108	77.395	8.46
56.177	61.655	14	59.127	1203	21.729	94.28	87	84.516	6.82
61.655	67.666	16	63.984	1219	22.040	95.53	73	90.509	5.72
67.666	74.264	18	71.575	1237	22.421	96.94	57	99.764	4.47
74.264	81.505	8	77.858	1245	22.601	97.57	39	116.286	3.06
81.505	89.453	7	85.518	1252	22.769	98.12	31	128.971	2.43
89.453	98.175	4	93.933	1256	22.872	98.43	24	145.390	1.88
98.175	107.748	1	106.000	1257	22.900	98.51	20	158.663	1.57
107.748	118.254	4	112.470	1261	23.016	98.82	19	162.068	1.49
118.254	129.785	2	125.451	1263	23.078	98.98	15	178.652	1.18
129.785	142.439	6	136.951	1269	23.273	99.45	13	188.638	1.02
142.439	156.328	0	.000	1269	23.273	99.45	7	248.212	.55
156.328	171.571	2	162.972	1271	23.345	99.61	7	248.212	.55
171.571	188.301	1	183.000	1272	23.382	99.69	5	293.697	.39
188.301	206.661	0	.000	1272	23.382	99.69	4	330.569	.31
206.661	226.812	0	.000	1272	23.382	99.69	4	330.569	.31
226.812	248.928	0	.000	1272	23.382	99.69	4	330.569	.31
248.928	273.200	1	261.000	1273	23.427	99.76	4	330.569	.31
273.200	299.839	1	291.000	1274	23.473	99.84	3	357.668	.24
299.839	329.075	1	300.000	1275	23.520	99.92	2	396.524	.16
329.075	361.162	0	.000	1275	23.520	99.92	1	524.065	.08
361.162	396.378	0	.000	1275	23.520	99.92	1	524.065	.08
396.378	435.028	0	.000	1275	23.520	99.92	1	524.065	.08
435.028	477.446	0	.000	1275	23.520	99.92	1	524.065	.08
477.446	524.000	1	524.000	1276	23.577	100.00	1	524.065	.08

NB : (GM) - GEOMETRIC MEAN

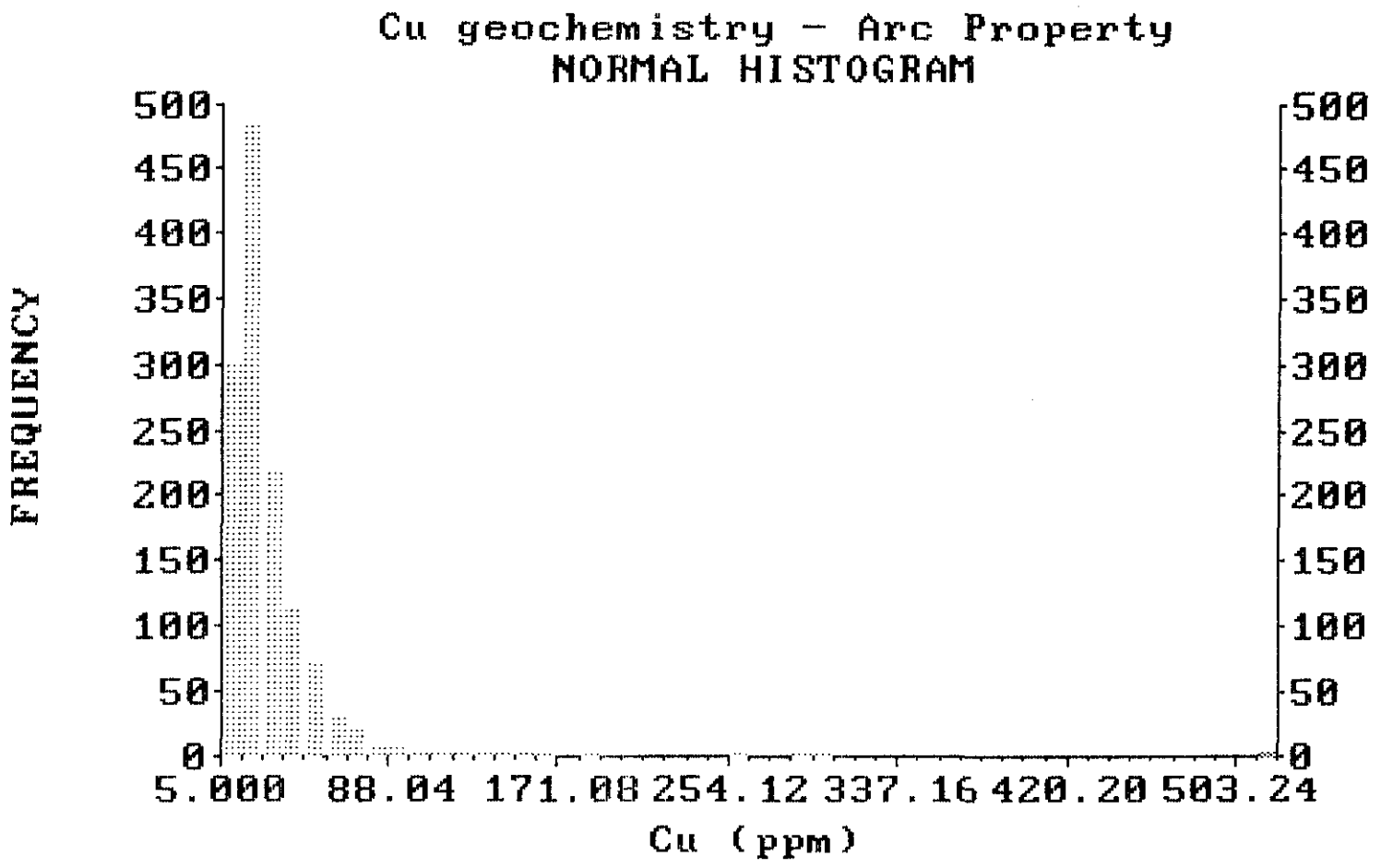
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arccu.mex
DATA DESCRIPTION : Copper values for statistical analysis
USER DESCRIPTION : Cu geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
5.000	5.488	4	5.000	4	5.000	.31	1276	23.577	100.00
5.488	6.023	6	6.000	10	5.578	.78	1272	23.693	99.69
6.023	6.610	0	.000	10	5.578	.78	1266	23.847	99.22
6.610	7.254	5	7.000	15	6.017	1.18	1266	23.847	99.22
7.254	7.962	0	.000	15	6.017	1.18	1261	23.964	98.82
7.962	8.738	8	8.000	23	6.643	1.80	1261	23.964	98.82
8.738	9.590	18	9.000	41	7.591	3.21	1253	24.132	98.20
9.590	10.525	25	10.000	66	8.426	5.17	1235	24.481	96.79
10.525	11.551	31	11.000	97	9.175	7.60	1210	24.939	94.83
11.551	12.678	39	12.000	136	9.909	10.66	1179	25.481	92.40
12.678	13.914	43	13.000	179	10.577	14.03	1140	26.146	89.34
13.914	15.271	121	14.446	300	11.994	23.51	1097	26.872	85.97
15.271	16.760	49	16.000	349	12.489	27.35	976	29.021	76.49
16.760	18.394	109	17.442	458	13.523	35.89	927	29.949	72.65
18.394	20.187	109	19.507	567	14.510	44.44	818	32.186	64.11
20.187	22.156	86	21.436	653	15.275	51.18	709	34.762	55.56
22.156	24.316	96	23.463	749	16.139	58.70	623	37.161	48.82
24.316	26.687	67	25.488	816	16.756	63.95	527	40.408	41.30
26.687	29.289	69	27.873	885	17.434	69.36	460	43.213	36.05
29.289	32.145	55	30.970	940	18.030	73.67	391	46.690	30.64
32.145	35.279	45	34.057	985	18.562	77.19	336	49.936	26.33
35.279	38.719	47	36.990	1032	19.154	80.88	291	52.980	22.81
38.719	42.495	43	40.240	1075	19.731	84.25	244	56.776	19.12
42.495	46.638	42	44.037	1117	20.336	87.54	201	61.115	15.75
46.638	51.186	51	48.549	1168	21.123	91.54	159	66.642	12.46

NB : (GM) - GEOMETRIC MEAN



STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arccu.mex
DATA DESCRIPTION : Copper values for statistical analysis
USER DESCRIPTION : Cu geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
264.500	274.880	0	.000	1273	27.908	99.76	3	371.667	.24
274.880	285.260	0	.000	1273	27.908	99.76	3	371.667	.24
285.260	295.640	1	291.000	1274	28.115	99.84	3	371.667	.24
295.640	306.020	1	300.000	1275	28.328	99.92	2	412.000	.16
306.020	316.400	0	.000	1275	28.328	99.92	1	524.000	.08
316.400	326.780	0	.000	1275	28.328	99.92	1	524.000	.08
326.780	337.160	0	.000	1275	28.328	99.92	1	524.000	.08
337.160	347.540	0	.000	1275	28.328	99.92	1	524.000	.08
347.540	357.920	0	.000	1275	28.328	99.92	1	524.000	.08
357.920	368.300	0	.000	1275	28.328	99.92	1	524.000	.08
368.300	378.680	0	.000	1275	28.328	99.92	1	524.000	.08
378.680	389.060	0	.000	1275	28.328	99.92	1	524.000	.08
389.060	399.440	0	.000	1275	28.328	99.92	1	524.000	.08
399.440	409.820	0	.000	1275	28.328	99.92	1	524.000	.08
409.820	420.200	0	.000	1275	28.328	99.92	1	524.000	.08
420.200	430.580	0	.000	1275	28.328	99.92	1	524.000	.08
430.580	440.960	0	.000	1275	28.328	99.92	1	524.000	.08
440.960	451.340	0	.000	1275	28.328	99.92	1	524.000	.08
451.340	461.720	0	.000	1275	28.328	99.92	1	524.000	.08
461.720	472.100	0	.000	1275	28.328	99.92	1	524.000	.08
472.100	482.480	0	.000	1275	28.328	99.92	1	524.000	.08
482.480	492.860	0	.000	1275	28.328	99.92	1	524.000	.08
492.860	503.240	0	.000	1275	28.328	99.92	1	524.000	.08
503.240	513.620	0	.000	1275	28.328	99.92	1	524.000	.08
513.620	524.000	1	524.000	1276	28.716	100.00	1	524.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arccu.mex
DATA DESCRIPTION : Copper values for statistical analysis
USER DESCRIPTION : Cu geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
5.000	15.380	300	12.280	300	12.280	23.51	1276	28.716	100.00
15.380	25.760	483	20.207	783	17.170	61.36	976	33.768	76.49
25.760	36.140	219	30.279	1002	20.035	78.53	493	47.055	38.64
36.140	46.520	115	40.939	1117	22.187	87.54	274	60.464	21.47
46.520	56.900	72	50.083	1189	23.876	93.18	159	74.585	12.46
56.900	67.280	30	61.733	1219	24.808	95.53	87	94.862	6.82
67.280	77.660	22	72.500	1241	25.654	97.26	57	112.298	4.47
77.660	88.040	8	81.125	1249	26.009	97.88	35	137.314	2.74
88.040	98.420	7	91.857	1256	26.376	98.43	27	153.963	2.12
98.420	108.800	1	106.000	1257	26.439	98.51	20	175.700	1.57
108.800	119.180	4	112.500	1261	26.712	98.82	19	179.368	1.49
119.180	129.560	2	125.500	1263	26.869	98.98	15	197.200	1.18
129.560	139.940	4	135.000	1267	27.210	99.29	13	208.231	1.02
139.940	150.320	2	141.000	1269	27.389	99.45	9	240.778	.71
150.320	160.700	1	160.000	1270	27.494	99.53	7	269.286	.55
160.700	171.080	1	166.000	1271	27.603	99.61	6	287.500	.47
171.080	181.460	0	.000	1271	27.603	99.61	5	311.800	.39
181.460	191.840	1	183.000	1272	27.725	99.69	5	311.800	.39
191.840	202.220	0	.000	1272	27.725	99.69	4	344.000	.31
202.220	212.600	0	.000	1272	27.725	99.69	4	344.000	.31
212.600	222.980	0	.000	1272	27.725	99.69	4	344.000	.31
222.980	233.360	0	.000	1272	27.725	99.69	4	344.000	.31
233.360	243.740	0	.000	1272	27.725	99.69	4	344.000	.31
243.740	254.120	0	.000	1272	27.725	99.69	4	344.000	.31
254.120	264.500	1	261.000	1273	27.908	99.76	4	344.000	.31

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

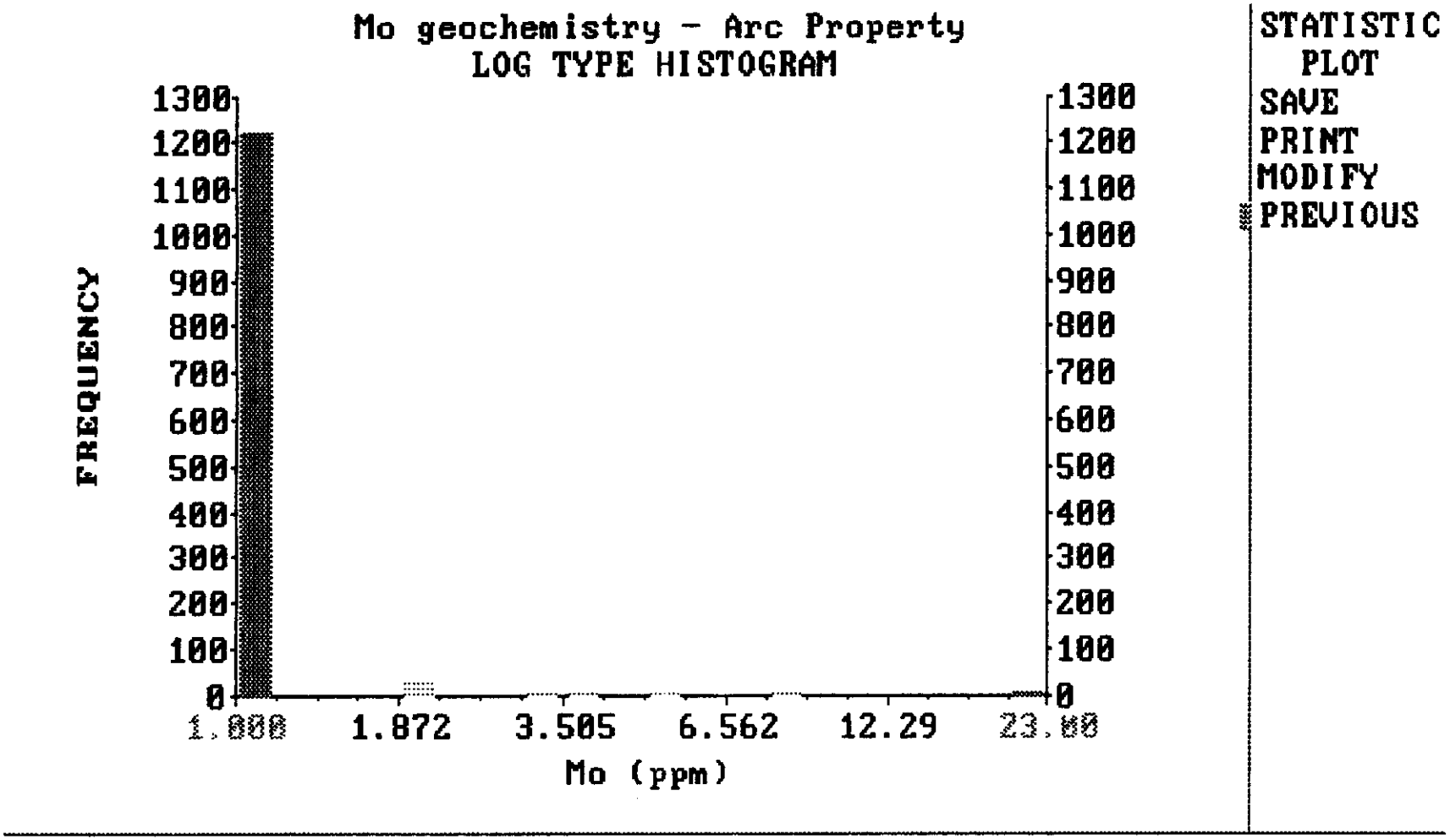
EXTRACTION FILENAME : c:\arc\arccu.mex
DATA DESCRIPTION : Copper values for statistical analysis
USER DESCRIPTION : Cu geochemistry - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	5.000
MAXIMUM CUTOFF VALUE	:	524.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	5.000
MAXIMUM HISTOGRAM VALUE	:	524.000
CLASS INTERVAL	:	10.380
MINIMUM POPULATION DATA POINT	:	5.000
MAXIMUM POPULATION DATA POINT	:	524.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	28.7163	28.6316
MEDIAN		22.6439
GEOMETRIC MEAN	23.5774	23.1147
NATURAL LOG MEAN	3.1603	3.1405
STANDARD DEVIATION	26.9384	27.1620
VARIANCE	725.6797	737.7742
COEFFICIENT OF VARIATION	.9381	.9487
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	725.6797	737.7742
MOMENT 3 ABOUT ARITHMETIC MEAN	155120.1000	152410.7000
MOMENT 4 ABOUT ARITHMETIC MEAN	59591450.0000	57717400.0000
MOMENT COEFFICIENT OF SKEWNESS	7.9351	7.6055
MOMENT COEFFICIENT OF KURTOSIS	113.1603	106.0376

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Mo geochemistry - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1.000
1.872
3.505
6.562
12.29
23.00
Mo (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

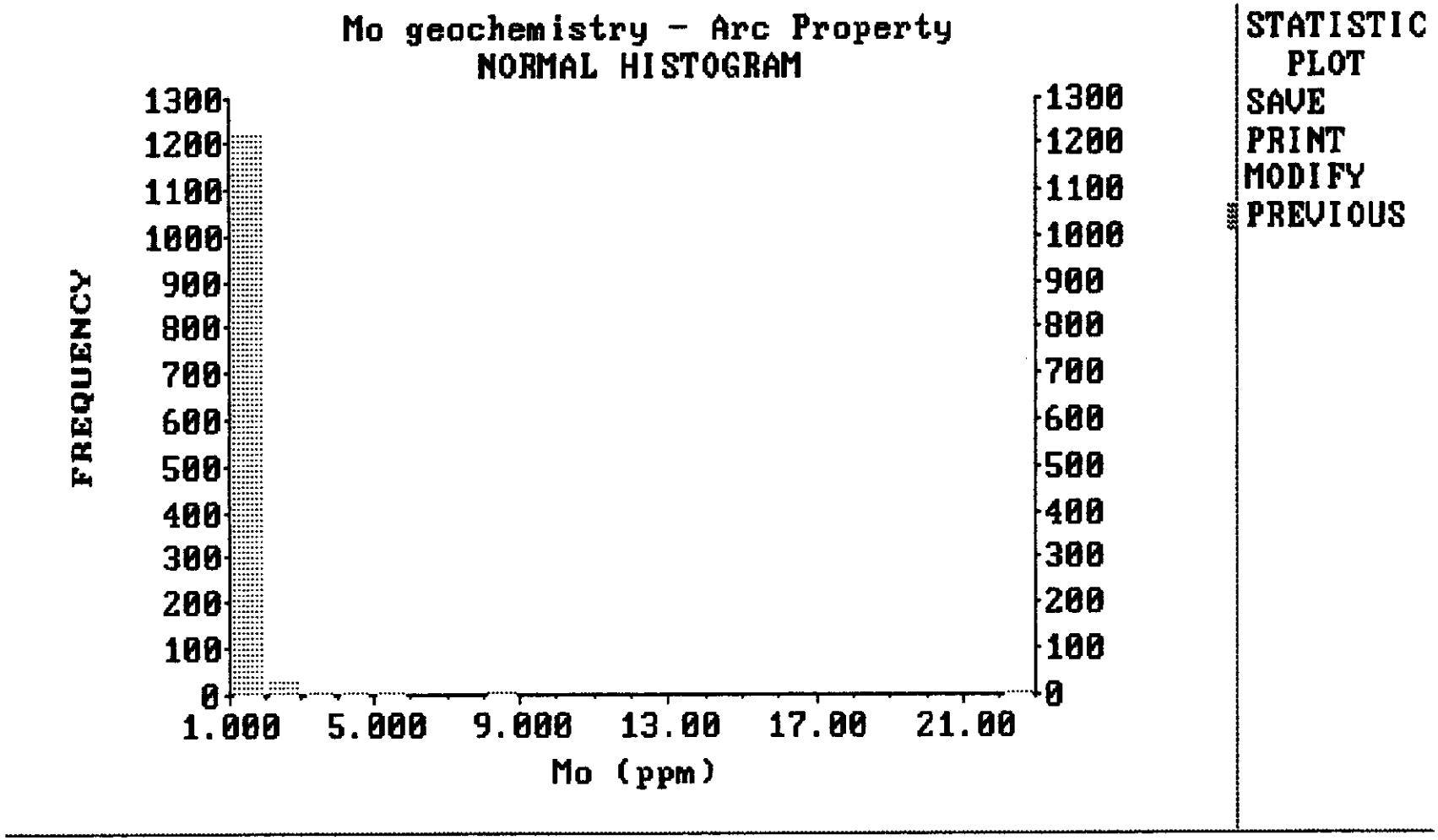
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcmo.mex
DATA DESCRIPTION : Mo geochemistry data
USER DESCRIPTION : Mo geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
1.000	1.153	1220	1.000	1220	1.000	95.61	1276	1.042	100.00
1.153	1.330	0	.000	1220	1.000	95.61	56	2.573	4.39
1.330	1.534	0	.000	1220	1.000	95.61	56	2.573	4.39
1.534	1.768	0	.000	1220	1.000	95.61	56	2.573	4.39
1.768	2.039	36	2.000	1256	1.020	98.43	56	2.573	4.39
2.039	2.352	0	.000	1256	1.020	98.43	20	4.047	1.57
2.352	2.712	0	.000	1256	1.020	98.43	20	4.047	1.57
2.712	3.127	10	3.000	1266	1.029	99.22	20	4.047	1.57
3.127	3.606	0	.000	1266	1.029	99.22	10	5.460	.78
3.606	4.159	5	4.000	1271	1.034	99.61	10	5.460	.78
4.159	4.796	0	.000	1271	1.034	99.61	5	7.453	.39
4.796	5.530	3	5.000	1274	1.038	99.84	5	7.453	.39
5.530	6.378	0	.000	1274	1.038	99.84	2	13.565	.16
6.378	7.355	0	.000	1274	1.038	99.84	2	13.565	.16
7.355	8.481	1	8.000	1275	1.040	99.92	2	13.565	.16
8.481	9.780	0	.000	1275	1.040	99.92	1	23.000	.08
9.780	11.278	0	.000	1275	1.040	99.92	1	23.000	.08
11.278	13.006	0	.000	1275	1.040	99.92	1	23.000	.08
13.006	14.998	0	.000	1275	1.040	99.92	1	23.000	.08
14.998	17.296	0	.000	1275	1.040	99.92	1	23.000	.08
17.296	19.945	0	.000	1275	1.040	99.92	1	23.000	.08
19.945	23.000	1	23.000	1276	1.042	100.00	1	23.000	.08

NB : (GM) - GEOMETRIC MEAN


Mo geochemistry - Arc Property
NORMAL HISTOGRAM
FREQUENCY
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1.000
5.000
9.000
13.00
17.00
21.00
Mo (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcmo.mex
DATA DESCRIPTION : Mo geochemistry data
USER DESCRIPTION : Mo geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
1.000	2.000	1220	1.000	1220	1.000	95.61	1276	1.088	100.00
2.000	3.000	36	2.000	1256	1.029	98.43	56	3.000	4.39
3.000	4.000	10	3.000	1266	1.044	99.22	20	4.800	1.57
4.000	5.000	5	4.000	1271	1.056	99.61	10	6.600	.78
5.000	6.000	3	5.000	1274	1.065	99.84	5	9.200	.39
6.000	7.000	0	.000	1274	1.065	99.84	2	15.500	.16
7.000	8.000	0	.000	1274	1.065	99.84	2	15.500	.16
8.000	9.000	1	8.000	1275	1.071	99.92	2	15.500	.16
9.000	10.000	0	.000	1275	1.071	99.92	1	23.000	.08
10.000	11.000	0	.000	1275	1.071	99.92	1	23.000	.08
11.000	12.000	0	.000	1275	1.071	99.92	1	23.000	.08
12.000	13.000	0	.000	1275	1.071	99.92	1	23.000	.08
13.000	14.000	0	.000	1275	1.071	99.92	1	23.000	.08
14.000	15.000	0	.000	1275	1.071	99.92	1	23.000	.08
15.000	16.000	0	.000	1275	1.071	99.92	1	23.000	.08
16.000	17.000	0	.000	1275	1.071	99.92	1	23.000	.08
17.000	18.000	0	.000	1275	1.071	99.92	1	23.000	.08
18.000	19.000	0	.000	1275	1.071	99.92	1	23.000	.08
19.000	20.000	0	.000	1275	1.071	99.92	1	23.000	.08
20.000	21.000	0	.000	1275	1.071	99.92	1	23.000	.08
21.000	22.000	0	.000	1275	1.071	99.92	1	23.000	.08
22.000	23.000	1	23.000	1276	1.088	100.00	1	23.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcmo.mex
DATA DESCRIPTION : Mo geochemistry data
USER DESCRIPTION : Mo geochemistry - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	1.000
MAXIMUM CUTOFF VALUE	:	23.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	1.000
MAXIMUM HISTOGRAM VALUE	:	23.000
CLASS INTERVAL	:	1.000
MINIMUM POPULATION DATA POINT	:	1.000
MAXIMUM POPULATION DATA POINT	:	23.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	1.0878	1.5870
MEDIAN		1.5230
GEOMETRIC MEAN	1.0423	1.5486
NATURAL LOG MEAN	.0415	.4374
STANDARD DEVIATION	.7365	.7134
VARIANCE	.5425	.5089
COEFFICIENT OF VARIATION	.6771	.4495
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.5425	.5089
MOMENT 3 ABOUT ARITHMETIC MEAN	8.8173	7.7404
MOMENT 4 ABOUT ARITHMETIC MEAN	183.4199	152.6526
MOMENT COEFFICIENT OF SKEWNESS	22.0695	21.3218
MOMENT COEFFICIENT OF KURTOSIS	623.3374	589.4620

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

APPENDIX II

STATISTICS FOR 16 ELEMENTS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcni.mex
DATA DESCRIPTION : Ni values for statistical analysis
USER DESCRIPTION : Ni geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
5.000	15.022	26	11.500	26	11.500	2.04	1276	44.084	100.00
15.022	25.044	181	21.994	207	20.676	16.22	1250	44.762	97.96
25.044	35.066	384	30.484	591	27.049	46.32	1069	48.616	83.78
35.066	45.088	297	40.114	888	31.419	69.59	685	58.781	53.68
45.088	55.110	180	49.689	1068	34.498	83.70	388	73.070	30.41
55.110	65.132	74	60.068	1142	36.155	89.50	208	93.303	16.30
65.132	75.154	36	70.111	1178	37.193	92.32	134	111.657	10.50
75.154	85.176	27	79.000	1205	38.129	94.44	98	126.918	7.68
85.176	95.198	15	89.667	1220	38.763	95.61	71	145.141	5.56
95.198	105.220	14	100.000	1234	39.458	96.71	56	160.000	4.39
105.220	115.242	6	112.000	1240	39.809	97.18	42	180.000	3.29
115.242	125.264	8	120.750	1248	40.328	97.81	36	191.333	2.82
125.264	135.286	7	131.286	1255	40.835	98.35	28	211.500	2.19
135.286	145.308	2	142.000	1257	40.996	98.51	21	238.238	1.65
145.308	155.330	3	151.000	1260	41.258	98.75	19	248.368	1.49
155.330	165.352	2	161.000	1262	41.448	98.90	16	266.625	1.25
165.352	175.374	1	172.000	1263	41.551	98.98	14	281.714	1.10
175.374	185.396	1	183.000	1264	41.663	99.06	13	290.154	1.02
185.396	195.418	1	194.000	1265	41.783	99.14	12	299.083	.94
195.418	205.440	1	199.000	1266	41.908	99.22	11	308.636	.86
205.440	215.462	0	.000	1266	41.908	99.22	10	319.600	.78
215.462	225.484	1	224.000	1267	42.051	99.29	10	319.600	.78
225.484	235.506	1	229.000	1268	42.199	99.37	9	330.222	.71

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

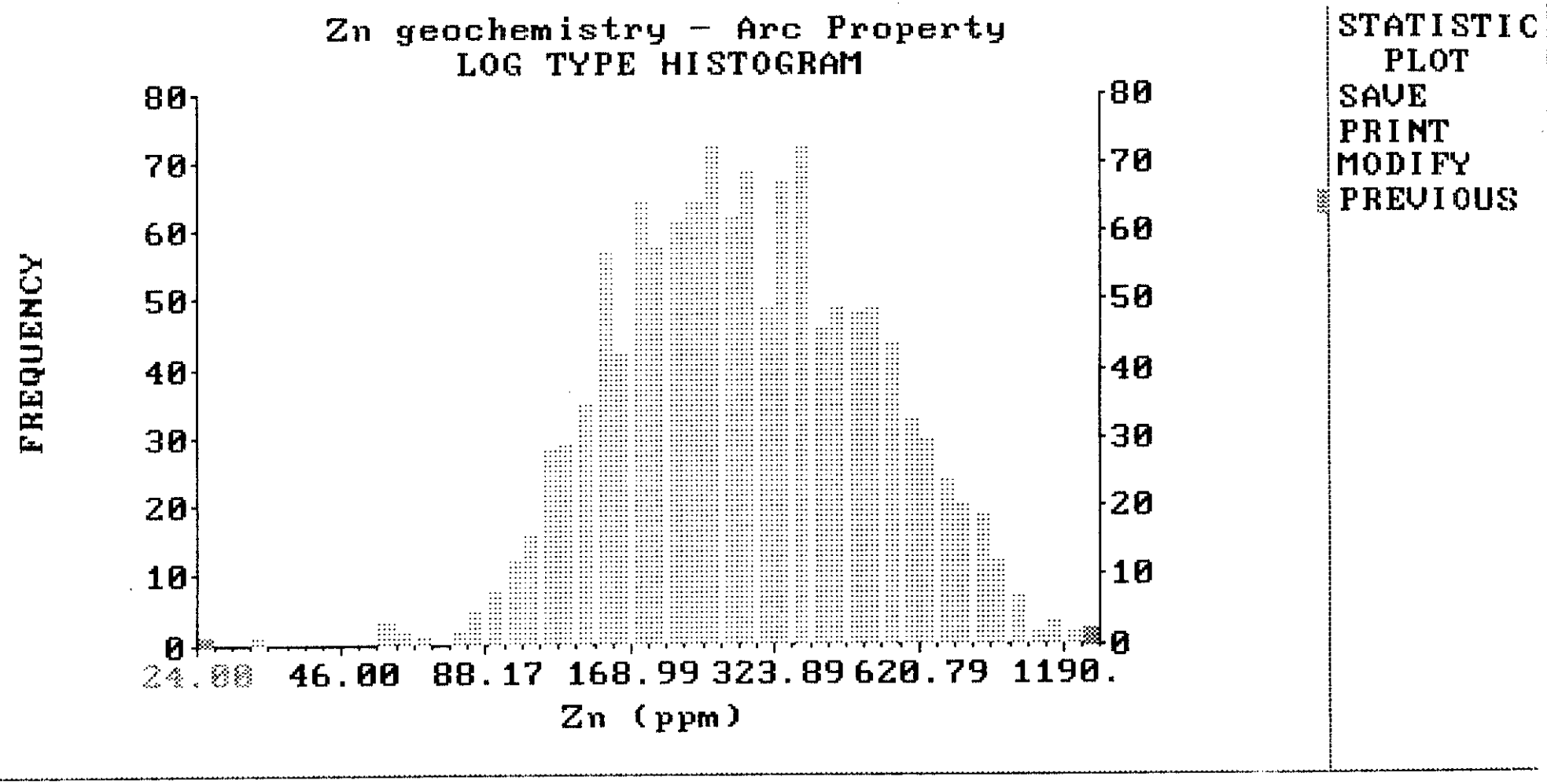
EXTRACTION FILENAME : c:\arc\arcni.mex
DATA DESCRIPTION : Ni values for statistical analysis
USER DESCRIPTION : Ni geochemistry - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	5.000
MAXIMUM CUTOFF VALUE	:	466.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	5.000
MAXIMUM HISTOGRAM VALUE	:	466.000
CLASS INTERVAL	:	10.022
MINIMUM POPULATION DATA POINT	:	5.000
MAXIMUM POPULATION DATA POINT	:	466.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	44.0839	43.6978
MEDIAN		36.6520
GEOMETRIC MEAN	38.2368	37.6649
NATURAL LOG MEAN	3.6438	3.6287
STANDARD DEVIATION	34.1628	34.2406
VARIANCE	1167.0990	1172.4180
COEFFICIENT OF VARIATION	.7750	.7836
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	1167.0990	1172.4180
MOMENT 3 ABOUT ARITHMETIC MEAN	244311.1000	242914.0000
MOMENT 4 ABOUT ARITHMETIC MEAN	80300420.0000	79833130.0000
MOMENT COEFFICIENT OF SKEWNESS	6.1275	6.0510
MOMENT COEFFICIENT OF KURTOSIS	58.9525	58.0789

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Zn geochemistry - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
80
70
60
50
40
30
20
10
0
24.00
46.00
88.17
168.99
323.89
620.79
1190.
Zn (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arczn.mex
DATA DESCRIPTION : Zinc values for statistical analysis
USER DESCRIPTION : Zn geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
183.303	198.833	58	190.529	364	144.171	28.66	964	358.985	75.91
198.833	215.678	61	207.148	425	151.869	33.46	906	373.842	71.34
215.678	233.951	64	224.893	489	159.877	38.50	845	390.120	66.54
233.951	253.772	72	243.990	561	168.790	44.17	781	408.133	61.50
253.772	275.272	62	264.678	623	176.519	49.06	709	430.022	55.83
275.272	298.593	69	288.142	692	185.358	54.49	647	450.494	50.94
298.593	323.890	49	311.333	741	191.824	58.35	578	475.179	45.51
323.890	351.331	67	338.832	808	201.091	63.62	529	494.160	41.65
351.331	381.096	72	366.857	880	211.230	69.29	462	521.956	36.38
381.096	413.383	46	398.780	926	218.004	72.91	390	557.064	30.71
413.383	448.406	49	432.247	975	225.634	76.77	344	582.529	27.09
448.406	486.396	48	468.213	1023	233.496	80.55	295	612.127	23.23
486.396	527.604	49	503.115	1072	241.835	84.41	247	644.854	19.45
527.604	572.304	44	550.910	1116	249.814	87.87	198	685.704	15.59
572.304	620.790	33	593.122	1149	256.095	90.47	154	729.956	12.13
620.790	673.385	30	640.147	1179	262.135	92.83	121	772.473	9.53
673.384	730.435	24	696.412	1203	267.295	94.72	91	821.836	7.17
730.435	792.319	20	763.790	1223	271.924	96.30	67	872.062	5.28
792.319	859.445	19	826.457	1242	276.588	97.80	47	922.665	3.70
859.445	932.259	12	895.837	1254	279.716	98.74	28	994.245	2.20
932.259	1011.241	7	955.171	1261	281.630	99.29	16	1075.073	1.26
1011.241	1096.916	2	1062.830	1263	282.223	99.45	9	1178.646	.71
1096.915	1189.848	3	1113.635	1266	283.142	99.69	7	1213.976	.55
1189.848	1290.654	2	1256.199	1268	283.808	99.84	4	1295.046	.31
1290.654	1400.000	2	1335.835	1270	284.502	100.00	2	1335.233	.16

NB : (GM) - GEOMETRIC MEAN

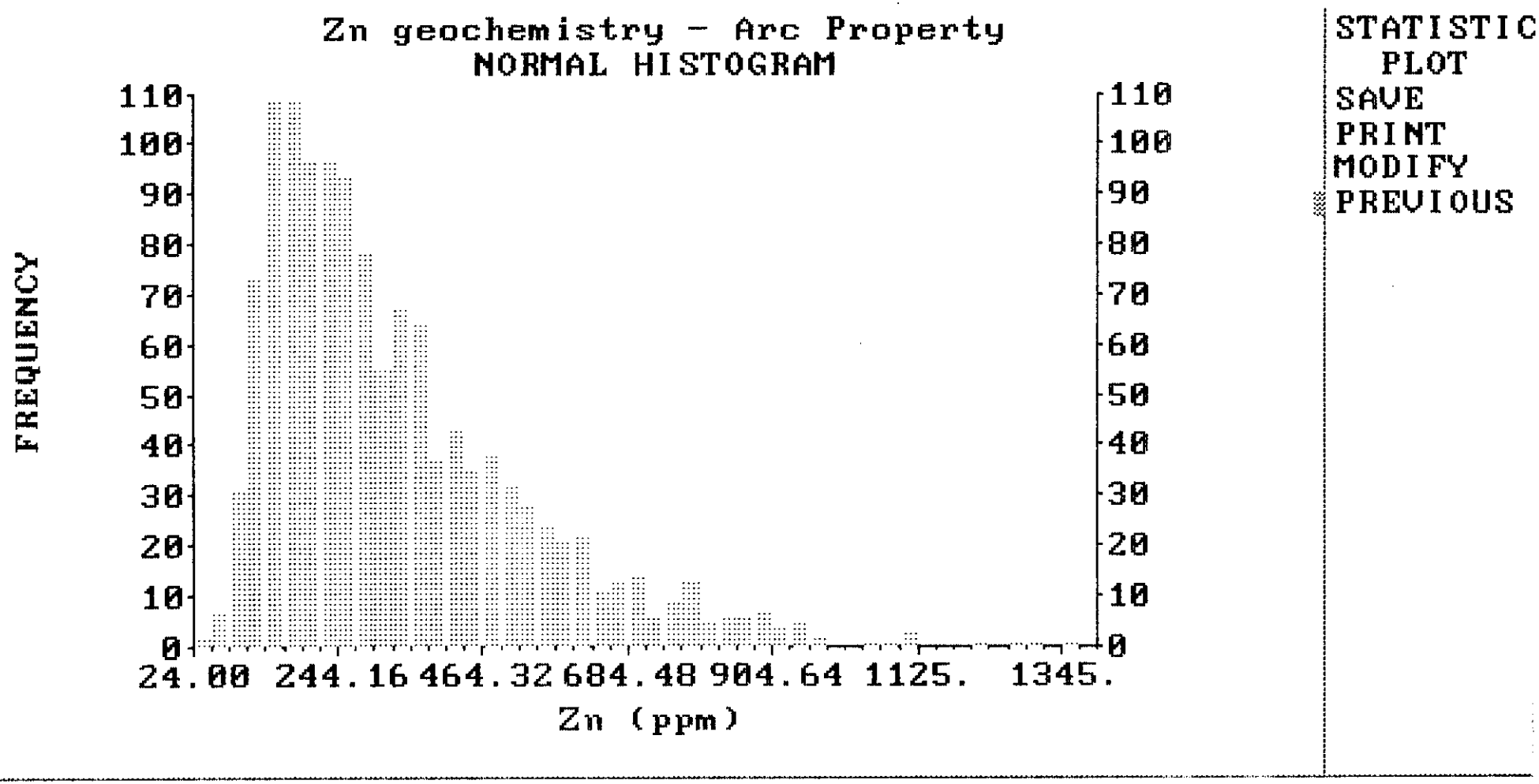
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arczn.mex
DATA DESCRIPTION : Zinc values for statistical analysis
USER DESCRIPTION : Zn geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
24.000	26.033	1	24.000	1	24.000	.08	1270	284.501	100.00
26.033	28.239	0	.000	1	24.000	.08	1269	285.056	99.92
28.239	30.631	0	.000	1	24.000	.08	1269	285.056	99.92
30.631	33.226	1	32.000	2	27.713	.16	1269	285.056	99.92
33.227	36.042	0	.000	2	27.713	.16	1268	285.548	99.84
36.042	39.095	0	.000	2	27.713	.16	1268	285.548	99.84
39.095	42.407	0	.000	2	27.713	.16	1268	285.548	99.84
42.407	46.000	0	.000	2	27.713	.16	1268	285.548	99.84
46.000	49.897	0	.000	2	27.713	.16	1268	285.548	99.84
49.897	54.125	0	.000	2	27.713	.16	1268	285.548	99.84
54.125	58.710	3	56.320	5	42.410	.39	1268	285.548	99.84
58.710	63.684	2	62.000	7	47.270	.55	1265	286.650	99.61
63.684	69.080	1	66.000	8	49.284	.63	1263	287.346	99.45
69.080	74.932	0	.000	8	49.284	.63	1262	287.681	99.37
74.932	81.281	2	79.486	10	54.228	.79	1262	287.681	99.37
81.280	88.167	5	85.178	15	63.037	1.18	1260	288.269	99.21
88.167	95.636	8	92.860	23	72.129	1.81	1255	289.672	98.82
95.636	103.739	12	100.055	35	80.694	2.76	1247	291.794	98.19
103.739	112.528	16	107.235	51	88.223	4.02	1235	294.845	97.24
112.528	122.061	28	117.140	79	97.549	6.22	1219	298.785	95.98
122.061	132.403	29	127.312	108	104.779	8.50	1191	305.435	93.78
132.403	143.620	35	138.111	143	112.107	11.26	1162	312.179	91.50
143.620	155.788	57	150.053	200	121.820	15.75	1127	320.187	88.74
155.788	168.986	42	162.121	242	128.015	19.06	1070	333.379	84.25
168.986	183.303	64	175.520	306	136.750	24.09	1028	343.344	80.94

NB : (GM) - GEOMETRIC MEAN


Zn geochemistry - Arc Property
NORMAL HISTOGRAM
FREQUENCY
110
100
90
80
70
60
50
40
30
20
10
0
24.00 244.16 464.32 684.48 904.64 1125. 1345.
Zn (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arczn.mex
DATA DESCRIPTION : Zinc values for statistical analysis
USER DESCRIPTION : Zn geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
712.000	739.520	6	724.167	1204	304.479	94.80	72	870.639	5.67
739.520	767.040	9	751.222	1213	307.794	95.51	66	883.955	5.20
767.040	794.560	13	781.538	1226	312.817	96.54	57	904.912	4.49
794.560	822.080	5	805.800	1231	314.820	96.93	44	941.364	3.46
822.080	849.600	6	838.833	1237	317.361	97.40	39	958.744	3.07
849.600	877.120	6	855.000	1243	319.957	97.87	33	980.545	2.60
877.120	904.640	7	889.714	1250	323.147	98.43	27	1008.444	2.13
904.640	932.160	4	915.250	1254	325.036	98.74	20	1050.000	1.57
932.160	959.680	5	947.400	1259	327.508	99.13	16	1083.688	1.26
959.680	987.200	2	975.000	1261	328.534	99.29	11	1145.636	.87
987.200	1014.720	0	.000	1261	328.534	99.29	9	1183.556	.71
1014.720	1042.240	0	.000	1261	328.534	99.29	9	1183.556	.71
1042.240	1069.760	1	1044.000	1262	329.101	99.37	9	1183.556	.71
1069.760	1097.280	1	1082.000	1263	329.698	99.45	8	1201.000	.63
1097.280	1124.800	3	1113.667	1266	331.555	99.69	7	1218.000	.55
1124.800	1152.320	0	.000	1266	331.555	99.69	4	1296.250	.31
1152.320	1179.840	0	.000	1266	331.555	99.69	4	1296.250	.31
1179.840	1207.360	0	.000	1266	331.555	99.69	4	1296.250	.31
1207.360	1234.880	1	1229.000	1267	332.264	99.76	4	1296.250	.31
1234.880	1262.400	0	.000	1267	332.264	99.76	3	1318.667	.24
1262.400	1289.920	1	1284.000	1268	333.014	99.84	3	1318.667	.24
1289.920	1317.440	1	1315.000	1269	333.788	99.92	2	1336.000	.16
1317.440	1344.960	0	.000	1269	333.788	99.92	1	1357.000	.08
1344.960	1372.480	1	1357.000	1270	334.594	100.00	1	1357.000	.08
1372.480	1400.000	0	.000	1270	334.594	100.00	0	1357.000	.00

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arczn.mex
DATA DESCRIPTION : Zinc values for statistical analysis
USER DESCRIPTION : Zn geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		<-INCREMENTAL->		< UPPER BND <-----INCREASING----->			>= LOWER BND <-----DECREASING----->		
>= FROM	< TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM MEAN	CUM FREQ PERCENT
24.000	51.520	2	28.000	2	28.000	.16	1270	334.594	100.00
51.520	79.040	7	62.429	9	54.778	.71	1268	335.077	99.84
79.040	106.560	31	96.032	40	86.750	3.15	1261	336.591	99.29
106.560	134.080	73	120.973	113	108.858	8.90	1230	342.654	96.85
134.080	161.600	109	148.798	222	128.468	17.48	1157	356.640	91.10
161.600	189.120	109	176.303	331	144.221	26.06	1048	378.258	82.52
189.120	216.640	96	202.708	427	157.370	33.62	939	401.701	73.94
216.640	244.160	96	229.854	523	170.675	41.18	843	424.362	66.38
244.160	271.680	93	257.774	616	183.825	48.50	747	449.359	58.82
271.680	299.200	78	287.154	694	195.438	54.65	654	476.602	51.50
299.200	326.720	55	313.927	749	204.139	58.98	576	502.257	45.35
326.720	354.240	67	342.194	816	215.474	64.25	521	522.138	41.02
354.240	381.760	64	368.734	880	226.620	69.29	454	548.694	35.75
381.760	409.280	37	395.784	917	233.446	72.20	390	578.226	30.71
409.280	436.800	43	424.326	960	241.996	75.59	353	597.348	27.80
436.800	464.320	35	451.400	995	249.362	78.35	310	621.348	24.41
464.320	491.840	38	479.211	1033	257.817	81.34	275	642.978	21.65
491.840	519.360	32	503.781	1065	265.208	83.86	237	669.236	18.66
519.360	546.880	28	533.857	1093	272.090	86.06	205	695.063	16.14
546.880	574.400	24	563.667	1117	278.355	87.95	177	720.565	13.94
574.400	601.920	21	584.667	1138	284.007	89.61	153	745.176	12.05
601.920	629.440	22	617.545	1160	290.333	91.34	132	770.712	10.39
629.440	656.960	11	641.909	1171	293.635	92.20	110	801.345	8.66
656.960	684.480	13	668.308	1184	297.749	93.23	99	819.061	7.80
684.480	712.000	14	693.786	1198	302.377	94.33	86	841.849	6.77

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

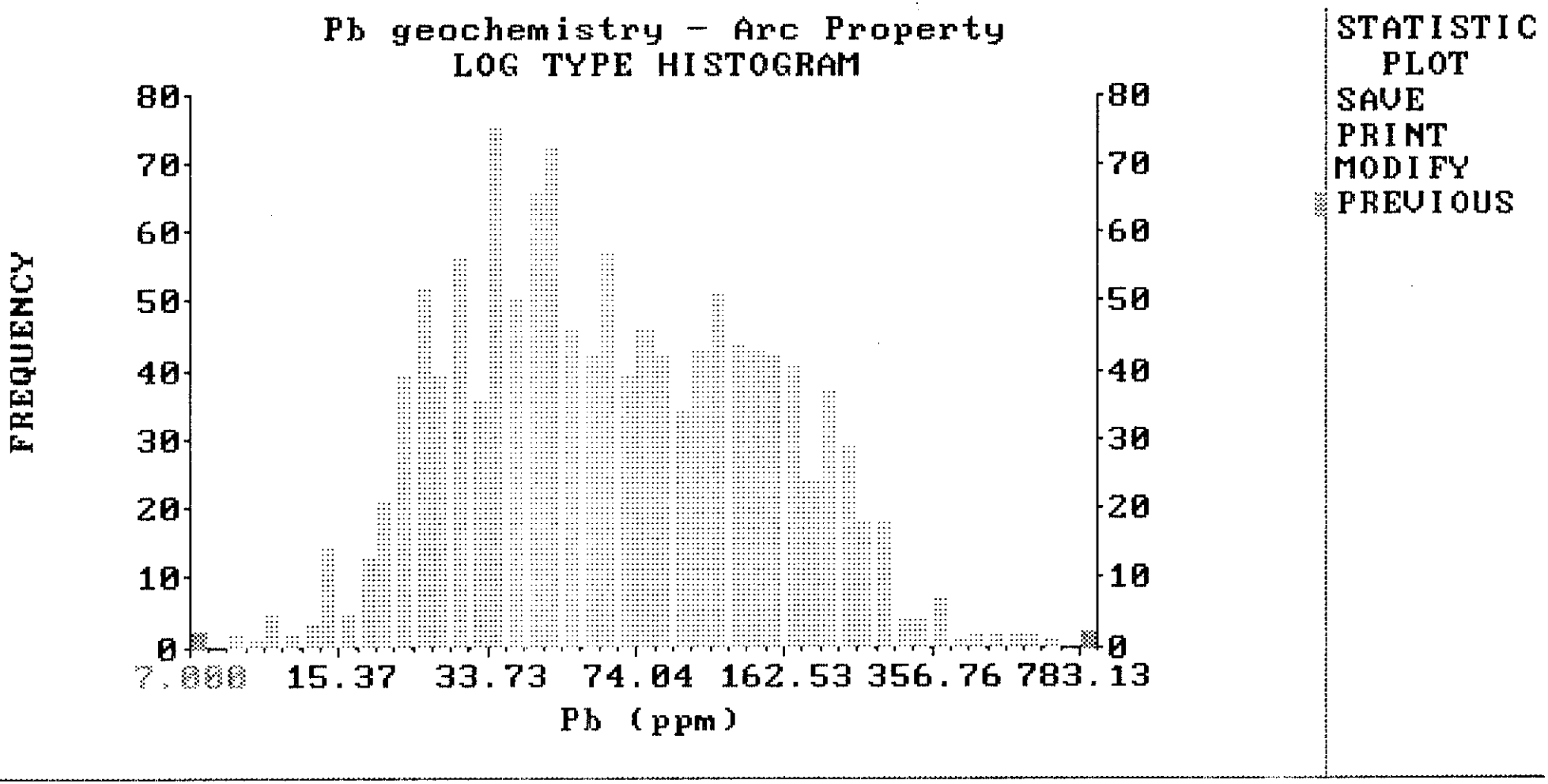
EXTRACTION FILENAME : c:\arc\arczn.mex
DATA DESCRIPTION : Zinc values for statistical analysis
USER DESCRIPTION : Zn geochemistry - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	24.000
MAXIMUM CUTOFF VALUE	:	1400.000
TOTAL NUMBER OF SAMPLES USED	:	1270
MINIMUM HISTOGRAM VALUE	:	24.000
MAXIMUM HISTOGRAM VALUE	:	1400.000
CLASS INTERVAL	:	27.520
MINIMUM POPULATION DATA POINT	:	24.000
MAXIMUM POPULATION DATA POINT	:	2115.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1270	
ARITHMETIC MEAN	334.5937	334.1526
MEDIAN		278.3836
GEOMETRIC MEAN	284.5013	284.1023
NATURAL LOG MEAN	5.6507	5.6493
STANDARD DEVIATION	199.3292	199.5267
VARIANCE	39732.1300	39810.9100
COEFFICIENT OF VARIATION	.5957	.5971
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	39732.1300	39810.9100
MOMENT 3 ABOUT ARITHMETIC MEAN	11060810.0000	11106790.0000
MOMENT 4 ABOUT ARITHMETIC MEAN	**********	**********
MOMENT COEFFICIENT OF SKEWNESS	1.3966	1.3983
MOMENT COEFFICIENT OF KURTOSIS	5.3612	5.3344

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Pb geochemistry - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
80
70
60
50
40
30
20
10
0
7.000
15.37
33.73
74.04
162.53
356.76
783.13
Pb (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcpb.mex
DATA DESCRIPTION : Lead values for statistical analysis
USER DESCRIPTION : Pb geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
74.040	81.686	46	78.305	783	37.972	61.36	539	143.693	42.24
81.686	90.122	42	85.697	825	39.579	64.66	493	152.067	38.64
90.122	99.428	34	94.087	859	40.959	67.32	451	160.409	35.34
99.428	109.697	43	104.707	902	42.833	70.69	417	167.541	32.68
109.696	121.025	51	114.803	953	45.154	74.69	374	176.845	29.31
121.025	133.523	44	127.975	997	47.278	78.13	323	189.330	25.31
133.523	147.312	43	140.412	1040	49.454	81.50	279	201.393	21.87
147.312	162.525	42	154.594	1082	51.691	84.80	236	215.072	18.50
162.525	179.309	41	170.770	1123	53.997	88.01	194	231.008	15.20
179.309	197.826	24	188.320	1147	55.427	89.89	153	250.490	11.99
197.826	218.256	37	206.301	1184	57.751	92.79	129	264.144	10.11
218.256	240.796	29	229.132	1213	59.685	95.06	92	291.749	7.21
240.795	265.663	18	251.889	1231	60.955	96.47	63	326.068	4.94
265.663	293.098	18	277.364	1249	62.301	97.88	45	361.531	3.53
293.098	323.366	4	313.451	1253	62.623	98.20	27	431.397	2.12
323.366	356.760	4	337.151	1257	62.959	98.51	23	456.035	1.80
356.760	393.603	7	366.806	1264	63.577	99.06	19	485.972	1.49
393.603	434.250	1	396.000	1265	63.669	99.14	12	572.630	.94
434.250	479.095	2	464.996	1267	63.869	99.29	11	592.154	.86
479.095	528.572	2	507.920	1269	64.078	99.45	9	624.825	.71
528.572	583.158	2	552.769	1271	64.296	99.61	7	662.941	.55
583.158	643.380	2	611.392	1273	64.523	99.76	5	712.931	.39
643.380	709.823	1	680.000	1274	64.643	99.84	3	789.810	.24
709.822	783.126	0	.000	1274	64.643	99.84	2	851.247	.16
783.126	864.000	2	851.408	1276	64.905	100.00	2	851.247	.16

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcpb.mex
DATA DESCRIPTION : Lead values for statistical analysis
USER DESCRIPTION : Pb geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
7.000	7.723	2	7.000	2	7.000	.16	1276	64.905	100.00
7.723	8.520	0	.000	2	7.000	.16	1274	65.132	99.84
8.520	9.400	2	9.000	4	7.937	.31	1274	65.132	99.84
9.400	10.371	1	10.000	5	8.313	.39	1272	65.335	99.69
10.371	11.442	5	11.000	10	9.562	.78	1271	65.431	99.61
11.442	12.624	2	12.000	12	9.931	.94	1266	65.894	99.22
12.624	13.927	3	13.000	15	10.481	1.18	1264	66.072	99.06
13.927	15.366	14	14.563	29	12.284	2.27	1261	66.328	98.82
15.366	16.953	5	16.000	34	12.771	2.66	1247	67.466	97.73
16.953	18.703	13	17.378	47	13.907	3.68	1242	67.858	97.34
18.703	20.635	21	19.517	68	15.441	5.33	1229	68.843	96.32
20.635	22.766	39	21.610	107	17.454	8.39	1208	70.368	94.67
22.766	25.117	52	24.024	159	19.376	12.46	1169	73.195	91.61
25.117	27.711	39	26.482	198	20.606	15.52	1117	77.092	87.54
27.711	30.572	56	28.866	254	22.196	19.91	1078	80.130	84.48
30.572	33.729	36	32.436	290	23.266	22.73	1022	84.741	80.09
33.729	37.213	75	35.532	365	25.381	28.61	986	87.765	77.27
37.213	41.056	50	39.684	415	26.785	32.52	911	94.547	71.39
41.056	45.296	66	43.413	481	28.620	37.70	861	99.436	67.48
45.296	49.973	72	47.460	553	30.568	43.34	795	106.519	62.30
49.973	55.134	46	52.348	599	31.858	46.94	723	115.449	56.66
55.134	60.828	42	57.982	641	33.133	50.24	677	121.823	53.06
60.828	67.109	57	63.880	698	34.957	54.70	635	127.954	49.76
67.109	74.040	39	71.076	737	36.295	57.76	578	137.027	45.30

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcth.mex
DATA DESCRIPTION : Th values for statistical analysis
USER DESCRIPTION : Th - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
1.000	2.000	45	1.000	45	1.000	3.53	1276	3.760	100.00
2.000	3.000	138	2.000	183	1.754	14.34	1231	3.861	96.47
3.000	4.000	397	3.000	580	2.607	45.45	1093	4.096	85.66
4.000	5.000	374	4.000	954	3.153	74.76	696	4.721	54.55
5.000	6.000	217	5.000	1171	3.495	91.77	322	5.559	25.24
6.000	7.000	60	6.000	1231	3.617	96.47	105	6.714	8.23
7.000	8.000	24	7.000	1255	3.682	98.35	45	7.667	3.53
8.000	9.000	15	8.000	1270	3.733	99.53	21	8.429	1.65
9.000	10.000	4	9.000	1274	3.750	99.84	6	9.500	.47
10.000	11.000	2	10.500	1276	3.760	100.00	2	10.500	.16

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

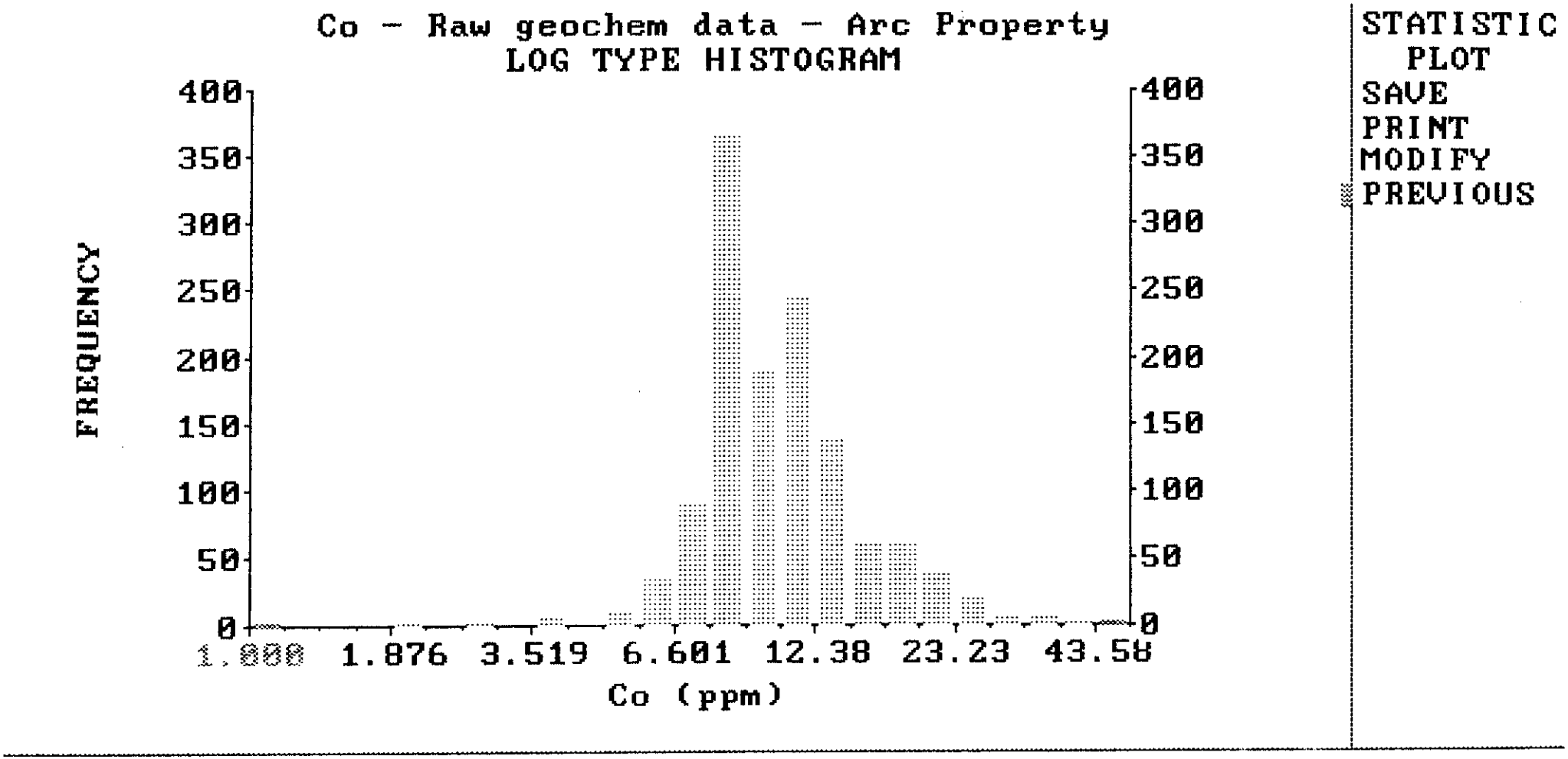
EXTRACTION FILENAME : c:\arc\arcth.mex
DATA DESCRIPTION : Th values for statistical analysis
USER DESCRIPTION : Th - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	1.000
MAXIMUM CUTOFF VALUE	:	11.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	1.000
MAXIMUM HISTOGRAM VALUE	:	11.000
CLASS INTERVAL	:	1.000
MINIMUM POPULATION DATA POINT	:	1.000
MAXIMUM POPULATION DATA POINT	:	11.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	3.7602	4.2594
MEDIAN		4.1551
GEOMETRIC MEAN	3.4997	4.0380
NATURAL LOG MEAN	1.2527	1.3957
STANDARD DEVIATION	1.3653	1.3615
VARIANCE	1.8641	1.8536
COEFFICIENT OF VARIATION	.3631	.3196
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	1.8641	1.8536
MOMENT 3 ABOUT ARITHMETIC MEAN	1.8627	1.7601
MOMENT 4 ABOUT ARITHMETIC MEAN	16.3503	15.3908
MOMENT COEFFICIENT OF SKEWNESS	.7319	.6975
MOMENT COEFFICIENT OF KURTOSIS	4.7052	4.4797

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Co - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
400
350
300
250
200
150
100
50
0
1.000
1.876
3.519
6.601
12.38
23.23
43.58
Co (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

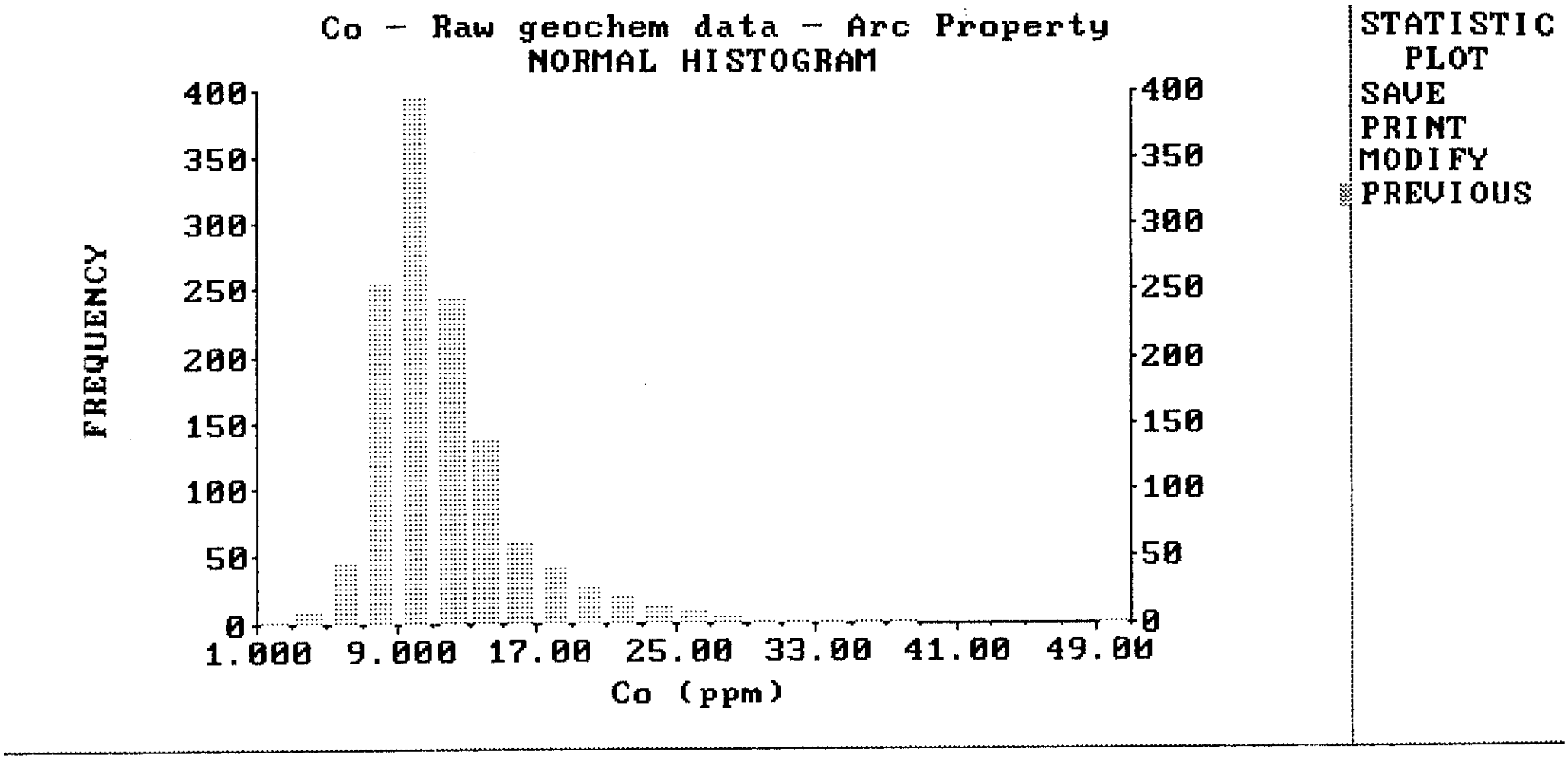
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcco.mex
DATA DESCRIPTION : Co values for statistical analysis
USER DESCRIPTION : Co goechem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
1.000	1.170	1	1.000	1	1.000	.08	1276	10.528	100.00
1.170	1.370	0	.000	1	1.000	.08	1275	10.547	99.92
1.370	1.603	0	.000	1	1.000	.08	1275	10.547	99.92
1.603	1.876	0	.000	1	1.000	.08	1275	10.547	99.92
1.876	2.195	1	2.000	2	1.414	.16	1275	10.547	99.92
2.195	2.569	0	.000	2	1.414	.16	1274	10.561	99.84
2.569	3.007	2	3.000	4	2.060	.31	1274	10.561	99.84
3.007	3.519	0	.000	4	2.060	.31	1272	10.582	99.69
3.519	4.118	6	4.000	10	3.067	.78	1272	10.582	99.69
4.118	4.820	0	.000	10	3.067	.78	1266	10.631	99.22
4.820	5.641	11	5.000	21	3.962	1.65	1266	10.631	99.22
5.641	6.601	36	6.000	57	5.149	4.47	1255	10.701	98.35
6.601	7.726	91	7.000	148	6.219	11.60	1219	10.886	95.53
7.726	9.041	365	8.539	513	7.793	40.20	1128	11.281	88.40
9.041	10.581	191	10.000	704	8.338	55.17	763	12.888	59.80
10.581	12.384	244	11.387	948	9.035	74.29	572	14.027	44.83
12.384	14.493	138	13.404	1086	9.499	85.11	328	16.381	25.71
14.493	16.961	62	15.363	1148	9.749	89.97	190	18.949	14.89
16.961	19.850	59	17.863	1207	10.042	94.59	128	20.976	10.03
19.850	23.230	39	21.253	1246	10.280	97.65	69	24.065	5.41
23.230	27.187	19	25.394	1265	10.421	99.14	30	28.282	2.35
27.187	31.817	4	29.230	1269	10.455	99.45	11	34.068	.86
31.817	37.236	4	33.977	1273	10.494	99.76	7	37.184	.55
37.236	43.578	2	38.000	1275	10.515	99.92	3	41.934	.24
43.578	51.000	1	51.000	1276	10.528	100.00	1	51.067	.08

NB : (GM) - GEOMETRIC MEAN


Co - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
400
350
300
250
200
150
100
50
0
1.000
9.000
17.00
25.00
33.00
41.00
49.00
Co (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcco.mex
DATA DESCRIPTION : Co values for statistical analysis
USER DESCRIPTION : Co - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	<-----< UPPER BND INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	<----->= LOWER BND DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
1.000	3.000	2	1.500	2	1.500	.16	1276	11.212	100.00
3.000	5.000	8	3.750	10	3.300	.78	1274	11.227	99.84
5.000	7.000	47	5.766	57	5.333	4.47	1266	11.274	99.22
7.000	9.000	254	7.642	311	7.219	24.37	1219	11.486	95.53
9.000	11.000	393	9.486	704	8.484	55.17	965	12.498	75.63
11.000	13.000	244	11.398	948	9.234	74.29	572	14.568	44.83
13.000	15.000	138	13.413	1086	9.765	85.11	328	16.927	25.71
15.000	17.000	62	15.371	1148	10.068	89.97	190	19.479	14.89
17.000	19.000	43	17.465	1191	10.335	93.34	128	21.469	10.03
19.000	21.000	29	19.448	1220	10.552	95.61	85	23.494	6.66
21.000	23.000	19	21.526	1239	10.720	97.10	56	25.589	4.39
23.000	25.000	13	23.462	1252	10.852	98.12	37	27.676	2.90
25.000	27.000	8	25.500	1260	10.945	98.75	24	29.958	1.88
27.000	29.000	6	27.167	1266	11.022	99.22	16	32.188	1.25
29.000	31.000	2	29.000	1268	11.050	99.37	10	35.200	.78
31.000	33.000	2	31.500	1270	11.083	99.53	8	36.750	.63
33.000	35.000	1	34.000	1271	11.101	99.61	6	38.500	.47
35.000	37.000	2	35.000	1273	11.138	99.76	5	39.400	.39
37.000	39.000	2	38.000	1275	11.180	99.92	3	42.333	.24
39.000	41.000	0	.000	1275	11.180	99.92	1	51.000	.08
41.000	43.000	0	.000	1275	11.180	99.92	1	51.000	.08
43.000	45.000	0	.000	1275	11.180	99.92	1	51.000	.08
45.000	47.000	0	.000	1275	11.180	99.92	1	51.000	.08
47.000	49.000	0	.000	1275	11.180	99.92	1	51.000	.08
49.000	51.000	1	51.000	1276	11.212	100.00	1	51.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

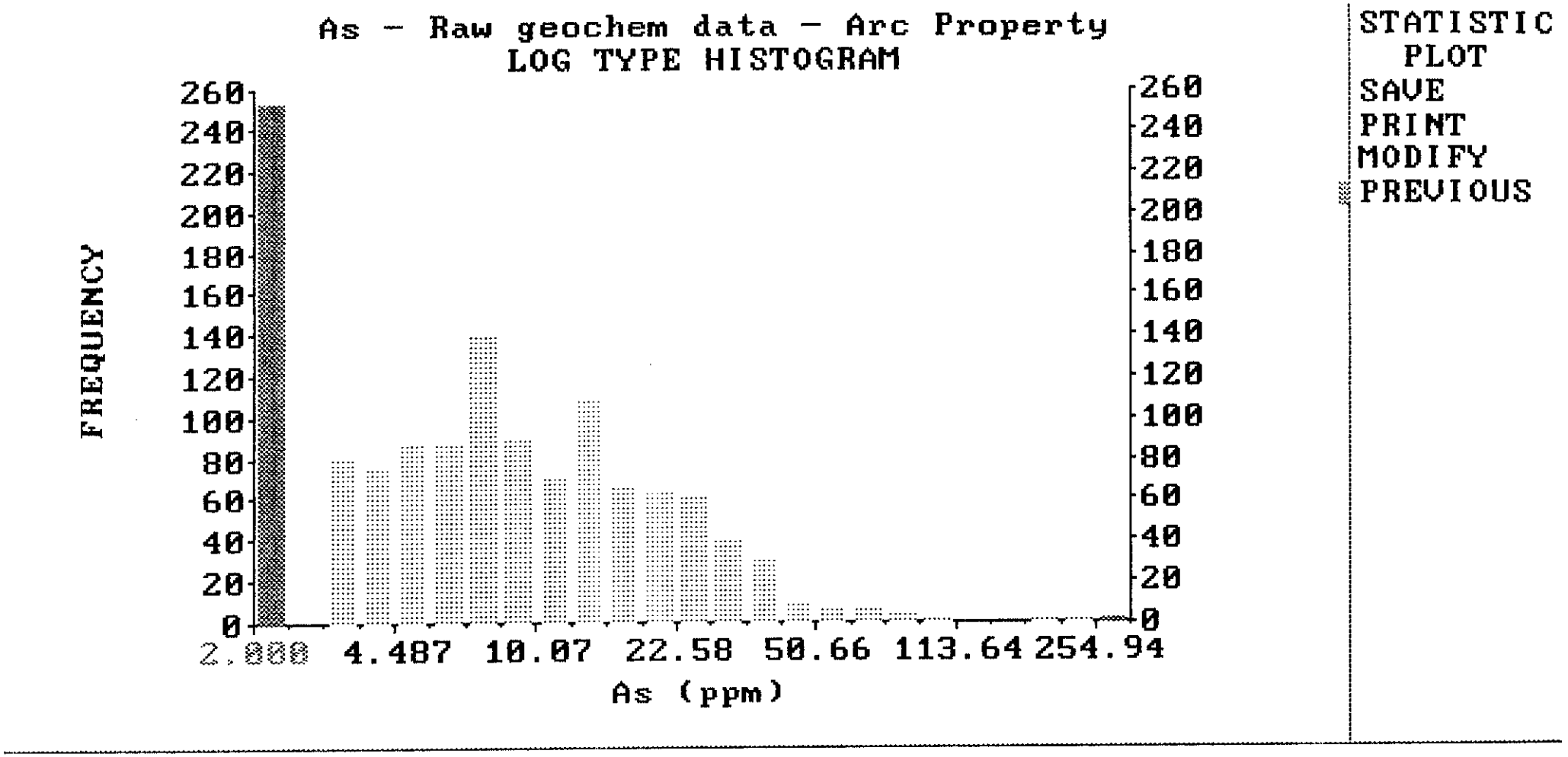
EXTRACTION FILENAME : c:\arc\arcco.mex
DATA DESCRIPTION : Co values for statistical analysis
USER DESCRIPTION : Co - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	1.000
MAXIMUM CUTOFF VALUE	:	51.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	1.000
MAXIMUM HISTOGRAM VALUE	:	51.000
CLASS INTERVAL	:	2.000
MINIMUM POPULATION DATA POINT	:	1.000
MAXIMUM POPULATION DATA POINT	:	51.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	11.2116	11.7147
MEDIAN		10.6641
GEOMETRIC MEAN	10.5278	11.0463
NATURAL LOG MEAN	2.3540	2.4021
STANDARD DEVIATION	4.4612	4.4827
VARIANCE	19.9019	20.0942
COEFFICIENT OF VARIATION	.3979	.3827
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	19.9019	20.0942
MOMENT 3 ABOUT ARITHMETIC MEAN	209.1405	203.3766
MOMENT 4 ABOUT ARITHMETIC MEAN	5167.0590	4896.6560
MOMENT COEFFICIENT OF SKEWNESS	2.3556	2.2579
MOMENT COEFFICIENT OF KURTOSIS	13.0452	12.1272

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


As - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2.000
4.487
10.07
22.58
50.66
113.64
254.94
As (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

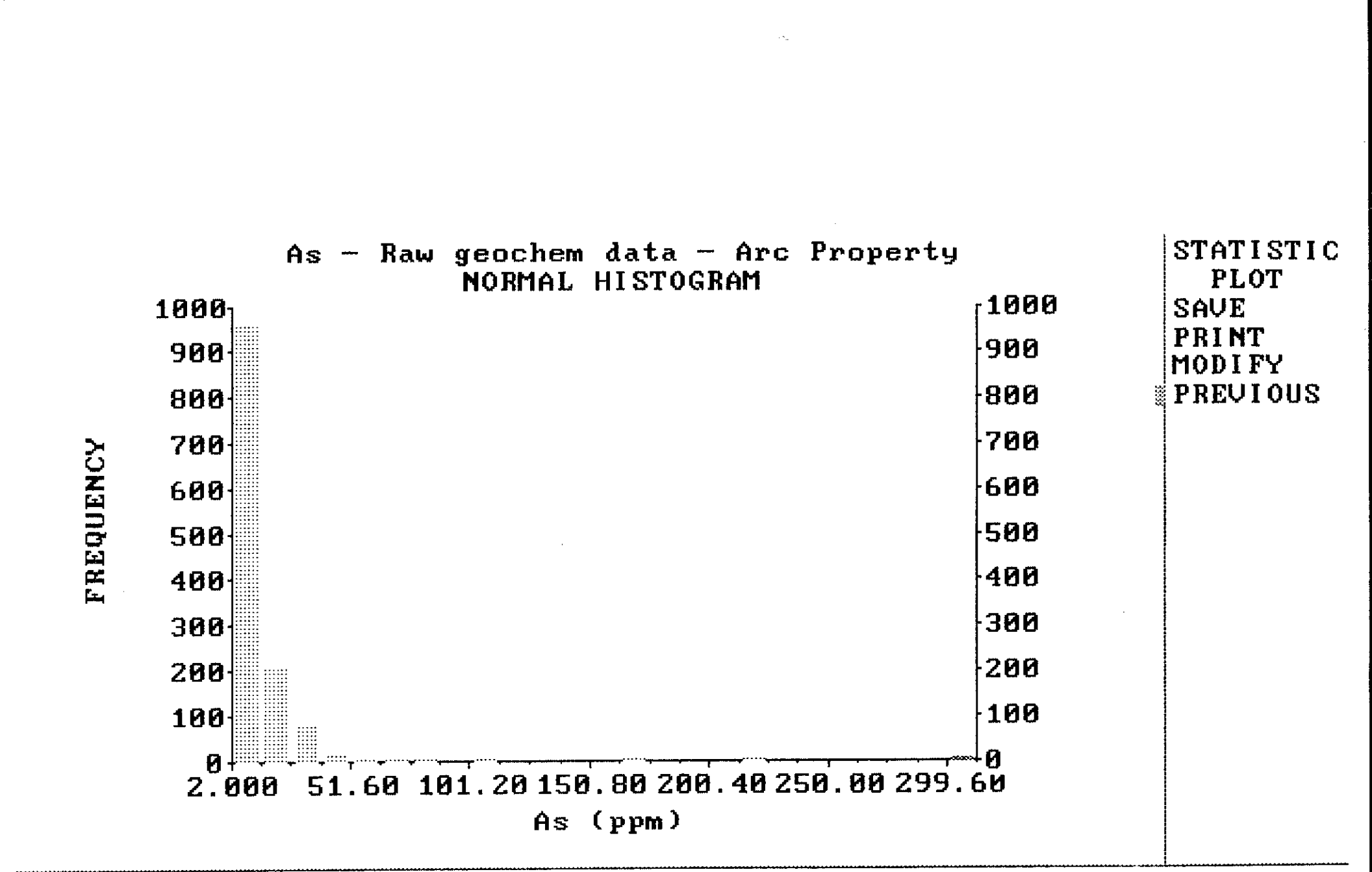
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcas.mex
DATA DESCRIPTION : As values for statistical analysis
USER DESCRIPTION : As - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
2.000	2.448	252	2.000	252	2.000	19.75	1276	7.265	100.00
2.448	2.996	0	.000	252	2.000	19.75	1024	9.979	80.25
2.996	3.666	81	3.000	333	2.207	26.10	1024	9.979	80.25
3.666	4.487	75	4.000	408	2.462	31.97	943	11.064	73.90
4.487	5.491	87	5.000	495	2.789	38.79	868	12.081	68.03
5.491	6.720	87	6.000	582	3.127	45.61	781	13.329	61.21
6.720	8.224	140	7.569	722	3.712	56.58	694	14.731	54.39
8.224	10.065	90	9.476	812	4.118	63.64	554	17.431	43.42
10.065	12.318	71	11.468	883	4.472	69.20	464	19.619	36.36
12.318	15.076	109	13.876	992	5.064	77.74	393	21.617	30.80
15.076	18.450	65	17.055	1057	5.457	82.84	284	25.626	22.26
18.450	22.580	64	20.204	1121	5.880	87.85	219	28.918	17.16
22.580	27.635	61	24.875	1182	6.335	92.63	155	33.533	12.15
27.635	33.820	39	30.214	1221	6.659	95.69	94	40.706	7.37
33.820	41.391	29	36.528	1250	6.927	97.96	55	50.286	4.31
41.391	50.656	8	45.967	1258	7.011	98.59	26	71.826	2.04
50.656	61.995	5	56.888	1263	7.069	98.98	18	87.585	1.41
61.995	75.872	5	70.494	1268	7.133	99.37	13	103.397	1.02
75.872	92.855	3	85.988	1271	7.175	99.61	8	131.366	.63
92.855	113.640	2	107.499	1273	7.206	99.76	5	169.400	.39
113.640	139.077	0	.000	1273	7.206	99.76	3	229.396	.24
139.077	170.208	0	.000	1273	7.206	99.76	3	229.396	.24
170.208	208.307	1	175.000	1274	7.224	99.84	3	229.396	.24
208.307	254.935	1	221.000	1275	7.244	99.92	2	262.638	.16
254.935	312.000	1	312.000	1276	7.265	100.00	1	312.110	.08

NB : (GM) - GEOMETRIC MEAN


As - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
1000
900
800
700
600
500
400
300
200
100
0
2.000
51.60
101.20
150.80
200.40
250.00
299.60
As (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcas.mex
DATA DESCRIPTION : As values for statistical analysis
USER DESCRIPTION : As - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
2.000	14.400	962	6.029	962	6.029	75.39	1276	11.444	100.00
14.400	26.800	207	19.440	1169	8.404	91.61	314	28.035	24.61
26.800	39.200	77	31.571	1246	9.835	97.65	107	44.664	8.39
39.200	51.600	13	44.615	1259	10.195	98.67	30	78.267	2.35
51.600	64.000	4	58.500	1263	10.348	98.98	17	104.000	1.33
64.000	76.400	5	70.600	1268	10.585	99.37	13	118.000	1.02
76.400	88.800	3	86.000	1271	10.763	99.61	8	147.625	.63
88.800	101.200	0	.000	1271	10.763	99.61	5	184.600	.39
101.200	113.600	2	107.500	1273	10.915	99.76	5	184.600	.39
113.600	126.000	0	.000	1273	10.915	99.76	3	236.000	.24
126.000	138.400	0	.000	1273	10.915	99.76	3	236.000	.24
138.400	150.800	0	.000	1273	10.915	99.76	3	236.000	.24
150.800	163.200	0	.000	1273	10.915	99.76	3	236.000	.24
163.200	175.600	1	175.000	1274	11.044	99.84	3	236.000	.24
175.600	188.000	0	.000	1274	11.044	99.84	2	266.500	.16
188.000	200.400	0	.000	1274	11.044	99.84	2	266.500	.16
200.400	212.800	0	.000	1274	11.044	99.84	2	266.500	.16
212.800	225.200	1	221.000	1275	11.209	99.92	2	266.500	.16
225.200	237.600	0	.000	1275	11.209	99.92	1	312.000	.08
237.600	250.000	0	.000	1275	11.209	99.92	1	312.000	.08
250.000	262.400	0	.000	1275	11.209	99.92	1	312.000	.08
262.400	274.800	0	.000	1275	11.209	99.92	1	312.000	.08
274.800	287.200	0	.000	1275	11.209	99.92	1	312.000	.08
287.200	299.600	0	.000	1275	11.209	99.92	1	312.000	.08
299.600	312.000	1	312.000	1276	11.444	100.00	1	312.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

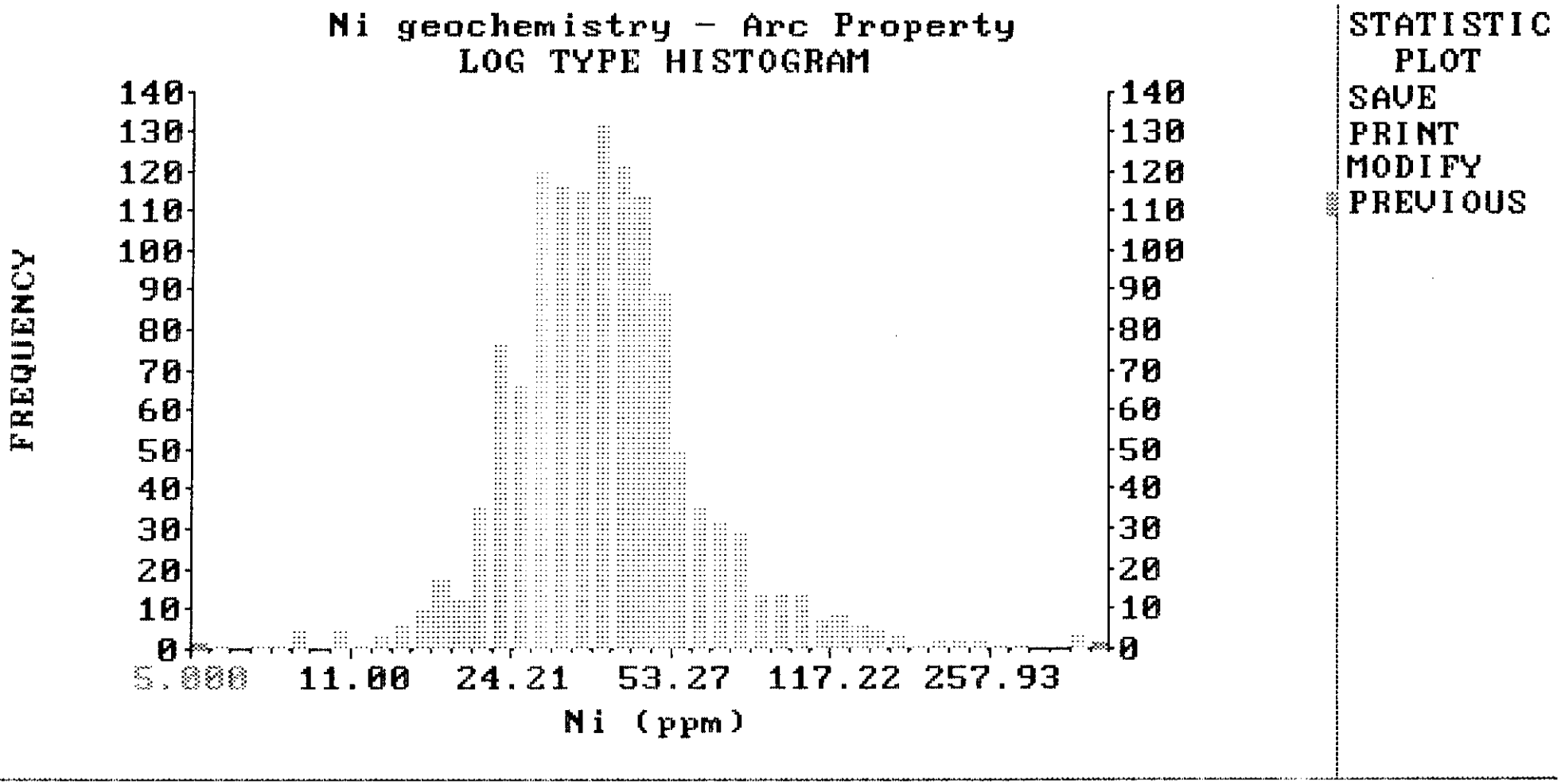
EXTRACTION FILENAME : c:\arc\arcas.mex
DATA DESCRIPTION : As values for statistical analysis
USER DESCRIPTION : As - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.000
MAXIMUM CUTOFF VALUE	:	312.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	2.000
MAXIMUM HISTOGRAM VALUE	:	312.000
CLASS INTERVAL	:	12.400
MINIMUM POPULATION DATA POINT	:	2.000
MAXIMUM POPULATION DATA POINT	:	312.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	11.4444	13.3408
MEDIAN		10.2237
GEOMETRIC MEAN	7.2649	10.8787
NATURAL LOG MEAN	1.9831	2.3868
STANDARD DEVIATION	15.9901	15.0180
VARIANCE	255.6826	225.5414
COEFFICIENT OF VARIATION	1.3972	1.1257
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	255.6826	225.5414
MOMENT 3 ABOUT ARITHMETIC MEAN	36221.5500	33234.7300
MOMENT 4 ABOUT ARITHMETIC MEAN	8767001.0000	7850944.0000
MOMENT COEFFICIENT OF SKEWNESS	8.8596	9.8119
MOMENT COEFFICIENT OF KURTOSIS	134.1061	154.3367

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Ni geochemistry - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
5.000
11.00
24.21
53.27
117.22
257.93
Ni (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcni.mex
DATA DESCRIPTION : Ni values for statistical analysis
USER DESCRIPTION : Ni geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
48.270	53.271	89	50.837	1047	32.523	82.05	318	70.557	24.92
53.271	58.790	50	55.962	1097	33.337	85.97	229	80.144	17.95
58.790	64.881	36	61.258	1133	33.988	88.79	179	88.602	14.03
64.881	71.603	32	67.220	1165	34.631	91.30	143	97.228	11.21
71.603	79.021	29	75.356	1194	35.291	93.57	111	108.144	8.70
79.021	87.208	14	83.043	1208	35.643	94.67	82	122.881	6.43
87.208	96.244	13	90.887	1221	36.000	95.69	68	133.206	5.33
96.244	106.215	14	100.666	1235	36.422	96.79	55	145.802	4.31
106.215	117.219	7	114.114	1242	36.657	97.34	41	165.462	3.21
117.219	129.363	8	123.459	1250	36.943	97.96	34	178.614	2.66
129.364	142.766	6	133.810	1256	37.171	98.43	26	200.109	2.04
142.766	157.557	4	149.472	1260	37.335	98.75	20	225.788	1.57
157.557	173.881	3	164.567	1263	37.467	98.98	16	250.317	1.25
173.881	191.896	1	183.000	1264	37.514	99.06	13	275.753	1.02
191.896	211.777	2	196.484	1266	37.612	99.22	12	285.339	.94
211.777	233.718	2	226.486	1268	37.719	99.37	10	307.449	.78
233.718	257.932	2	242.500	1270	37.830	99.53	8	331.867	.63
257.932	284.655	1	268.000	1271	37.888	99.61	6	368.457	.47
284.655	314.146	1	285.000	1272	37.948	99.69	5	392.691	.39
314.147	346.694	0	.000	1272	37.948	99.69	4	425.469	.31
346.694	382.612	0	.000	1272	37.948	99.69	4	425.469	.31
382.612	422.253	3	412.924	1275	38.162	99.92	4	425.469	.31
422.253	466.000	1	466.000	1276	38.237	100.00	1	465.424	.08

NB : (GM) - GEOMETRIC MEAN

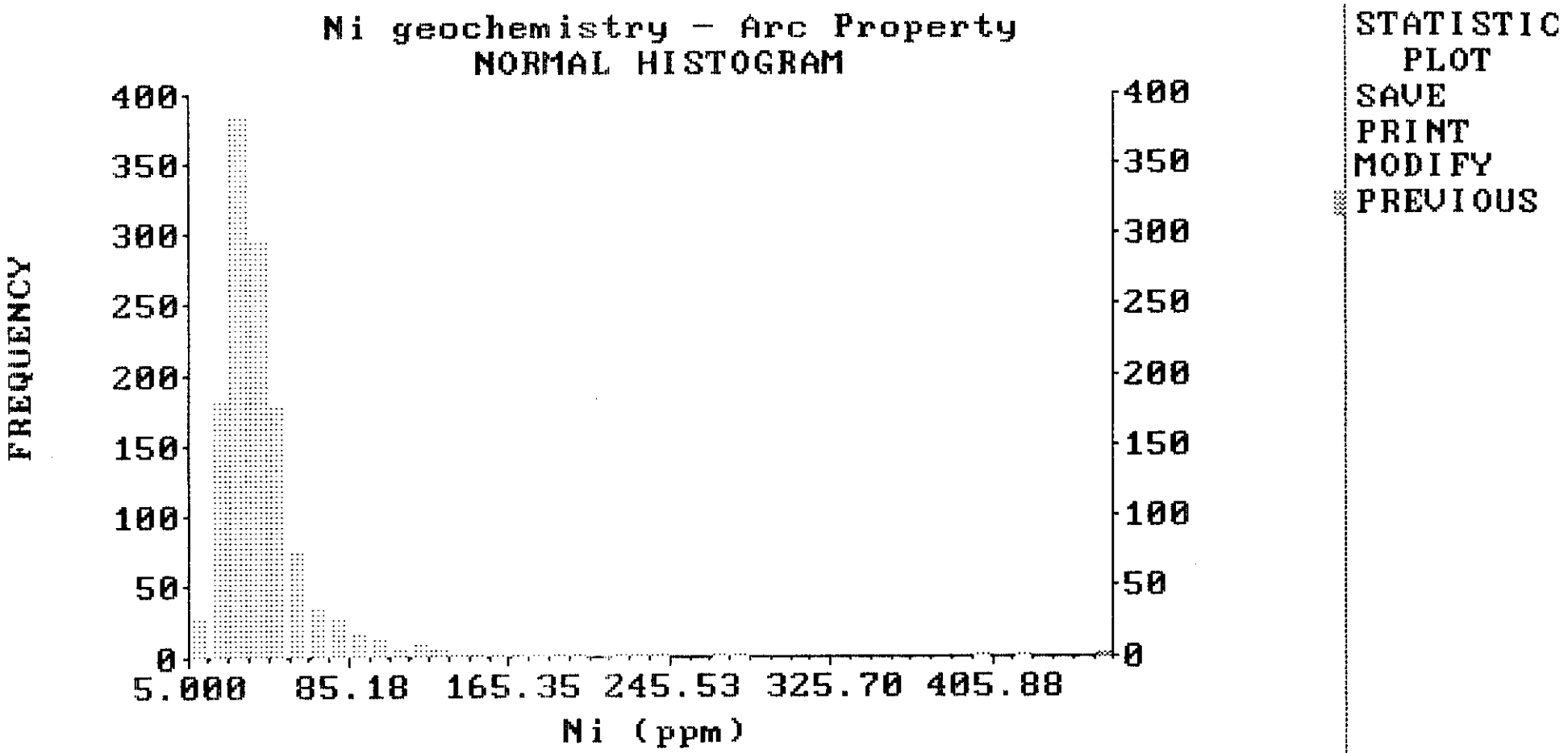
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcni.mex
DATA DESCRIPTION : Ni values for statistical analysis
USER DESCRIPTION : Ni geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
5.000	5.518	1	5.000	1	5.000	.08	1276	38.237	100.00
5.518	6.090	1	6.000	2	5.477	.16	1275	38.298	99.92
6.090	6.721	0	.000	2	5.477	.16	1274	38.354	99.84
6.721	7.417	1	7.000	3	5.944	.24	1274	38.354	99.84
7.417	8.185	1	8.000	4	6.402	.31	1273	38.405	99.76
8.185	9.033	4	9.000	8	7.591	.63	1272	38.452	99.69
9.033	9.969	0	.000	8	7.591	.63	1268	38.629	99.37
9.969	11.002	4	10.488	12	8.455	.94	1268	38.629	99.37
11.002	12.142	1	12.000	13	8.685	1.02	1264	38.789	99.06
12.142	13.400	3	13.000	16	9.368	1.25	1263	38.825	98.98
13.400	14.788	6	14.000	22	10.452	1.72	1260	38.926	98.75
14.788	16.320	10	15.592	32	11.844	2.51	1254	39.117	98.28
16.320	18.011	18	17.493	50	13.629	3.92	1244	39.407	97.49
18.011	19.877	12	19.000	62	14.534	4.86	1226	39.880	96.08
19.877	21.937	35	20.767	97	16.532	7.60	1214	40.173	95.14
21.937	24.209	77	23.234	174	19.219	13.64	1179	40.968	92.40
24.209	26.718	66	25.495	240	20.772	18.81	1102	42.624	86.36
26.718	29.486	120	27.848	360	22.904	28.21	1036	44.042	81.19
29.486	32.541	116	31.033	476	24.664	37.30	916	46.768	71.79
32.541	35.912	115	33.938	591	26.244	46.32	800	49.634	62.70
35.912	39.632	132	37.491	723	28.010	56.66	685	52.905	53.68
39.632	43.739	121	41.300	844	29.614	66.14	553	57.438	43.34
43.739	48.270	114	45.922	958	31.201	75.08	432	62.997	33.86

NB : (GM) - GEOMETRIC MEAN


Ni geochemistry - Arc Property
NORMAL HISTOGRAM
FREQUENCY
400
350
300
250
200
150
100
50
0
5.000
85.18
165.35
245.53
325.70
405.88
Ni (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcni.mex
DATA DESCRIPTION : Ni values for statistical analysis
USER DESCRIPTION : Ni geochemistry - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN	<-----< UPPER BND INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
235.506	245.528	2	242.500	1270	42.514	99.53	8	342.875	.63
245.528	255.550	0	.000	1270	42.514	99.53	6	376.333	.47
255.550	265.572	0	.000	1270	42.514	99.53	6	376.333	.47
265.572	275.594	1	268.000	1271	42.692	99.61	6	376.333	.47
275.594	285.616	1	285.000	1272	42.882	99.69	5	398.000	.39
285.616	295.638	0	.000	1272	42.882	99.69	4	426.250	.31
295.638	305.660	0	.000	1272	42.882	99.69	4	426.250	.31
305.660	315.682	0	.000	1272	42.882	99.69	4	426.250	.31
315.682	325.704	0	.000	1272	42.882	99.69	4	426.250	.31
325.704	335.726	0	.000	1272	42.882	99.69	4	426.250	.31
335.726	345.748	0	.000	1272	42.882	99.69	4	426.250	.31
345.748	355.770	0	.000	1272	42.882	99.69	4	426.250	.31
355.770	365.792	0	.000	1272	42.882	99.69	4	426.250	.31
365.792	375.814	0	.000	1272	42.882	99.69	4	426.250	.31
375.814	385.836	0	.000	1272	42.882	99.69	4	426.250	.31
385.836	395.858	0	.000	1272	42.882	99.69	4	426.250	.31
395.858	405.880	1	402.000	1273	43.164	99.76	4	426.250	.31
405.880	415.902	0	.000	1273	43.164	99.76	3	434.333	.24
415.902	425.924	2	418.500	1275	43.753	99.92	3	434.333	.24
425.924	435.946	0	.000	1275	43.753	99.92	1	466.000	.08
435.946	445.968	0	.000	1275	43.753	99.92	1	466.000	.08
445.968	455.990	0	.000	1275	43.753	99.92	1	466.000	.08
455.990	466.012	1	466.000	1276	44.084	100.00	1	466.000	.08

NB : (GM) - GEOMETRIC MEAN

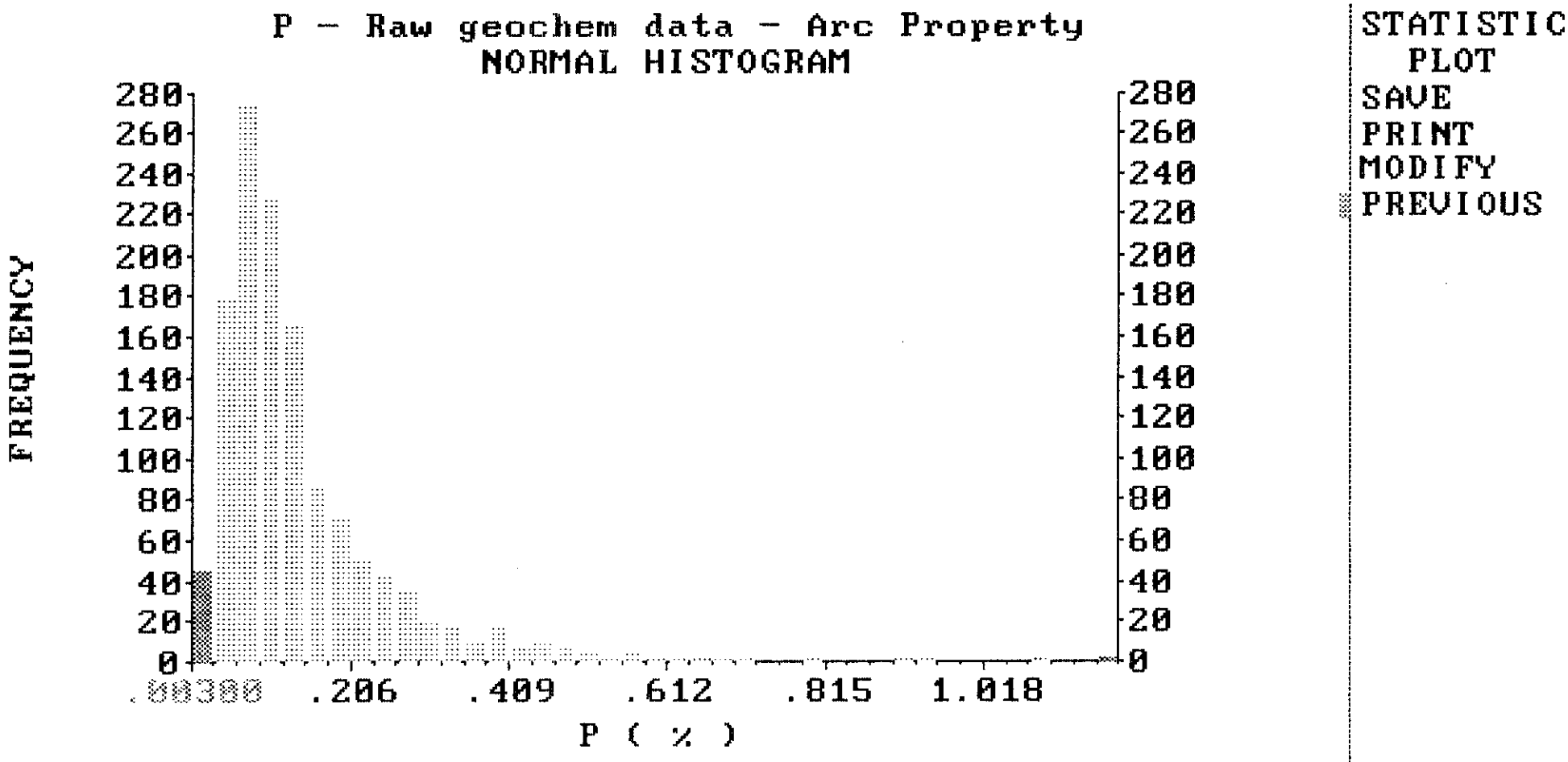
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcp.mex
DATA DESCRIPTION : P values for statistical analysis
USER DESCRIPTION : P - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
.00300	.00347	2	.00300	2	.00300	.16	1276	.10858	100.00
.00347	.00402	1	.00400	3	.00330	.24	1274	.10919	99.84
.00402	.00465	0	.00000	3	.00330	.24	1273	.10948	99.76
.00465	.00537	0	.00000	3	.00330	.24	1273	.10948	99.76
.00537	.00622	3	.00600	6	.00445	.47	1273	.10948	99.76
.00622	.00719	1	.00700	7	.00475	.55	1270	.11023	99.53
.00719	.00832	2	.00800	9	.00533	.71	1269	.11047	99.45
.00832	.00963	1	.00900	10	.00562	.78	1267	.11093	99.29
.00963	.01114	0	.00000	10	.00562	.78	1266	.11115	99.22
.011	.013	0	.000	10	.006	.78	1266	.111	99.22
.013	.015	3	.014	13	.007	1.02	1266	.111	99.22
.015	.017	3	.016	16	.008	1.25	1263	.112	98.98
.017	.020	6	.018	22	.010	1.72	1260	.112	98.75
.020	.023	7	.021	29	.012	2.27	1254	.113	98.28
.023	.027	8	.025	37	.014	2.90	1247	.114	97.73
.027	.031	6	.029	43	.016	3.37	1239	.115	97.10
.031	.036	15	.033	58	.019	4.55	1233	.116	96.63
.036	.041	29	.039	87	.024	6.82	1218	.118	95.45
.041	.048	32	.045	119	.028	9.33	1189	.121	93.18
.048	.055	67	.052	186	.035	14.58	1157	.125	90.67

NB : (GM) - GEOMETRIC MEAN


P - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
.00380
.206
.409
.612
.815
1.018
P (%)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcp.mex
DATA DESCRIPTION : P values for statistical analysis
USER DESCRIPTION : P - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		<-INCREMENTAL->		< UPPER BND <-----INCREASING----->			>= LOWER BND <-----DECREASING----->		
>= FROM	< TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM MEAN	CUM FREQ PERCENT
.583	.612	1	.598	1267	.135	99.29	10	.817	.78
.612	.641	1	.639	1268	.135	99.37	9	.842	.71
.641	.670	1	.661	1269	.136	99.45	8	.867	.63
.670	.699	1	.675	1270	.136	99.53	7	.896	.55
.699	.728	1	.703	1271	.137	99.61	6	.933	.47
.728	.757	0	.000	1271	.137	99.61	5	.979	.39
.757	.786	0	.000	1271	.137	99.61	5	.979	.39
.786	.815	1	.792	1272	.137	99.69	5	.979	.39
.815	.844	0	.000	1272	.137	99.69	4	1.026	.31
.844	.873	0	.000	1272	.137	99.69	4	1.026	.31
.873	.902	0	.000	1272	.137	99.69	4	1.026	.31
.902	.931	1	.907	1273	.138	99.76	4	1.026	.31
.931	.960	1	.936	1274	.138	99.84	3	1.066	.24
.960	.989	0	.000	1274	.138	99.84	2	1.131	.16
.989	1.018	0	.000	1274	.138	99.84	2	1.131	.16
1.018	1.047	0	.000	1274	.138	99.84	2	1.131	.16
1.047	1.076	0	.000	1274	.138	99.84	2	1.131	.16
1.076	1.105	1	1.081	1275	.139	99.92	2	1.131	.16
1.105	1.134	0	.000	1275	.139	99.92	1	1.181	.08
1.134	1.163	0	.000	1275	.139	99.92	1	1.181	.08
1.163	1.192	1	1.181	1276	.140	100.00	1	1.181	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcp.mex
DATA DESCRIPTION : P values for statistical analysis
USER DESCRIPTION : P - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	<-----< UPPER BND INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
.00300	.03200	45	.01862	45	.01862	3.53	1276	.14004	100.00
.032	.061	178	.048	223	.042	17.48	1231	.144	96.47
.061	.090	273	.076	496	.061	38.87	1053	.161	82.52
.090	.119	227	.103	723	.074	56.66	780	.191	61.13
.119	.148	165	.131	888	.084	69.59	553	.227	43.34
.148	.177	85	.160	973	.091	76.25	388	.267	30.41
.177	.206	71	.191	1044	.098	81.82	303	.297	23.75
.206	.235	49	.219	1093	.103	85.66	232	.330	18.18
.235	.264	43	.247	1136	.109	89.03	183	.359	14.34
.264	.293	36	.279	1172	.114	91.85	140	.394	10.97
.293	.322	19	.306	1191	.117	93.34	104	.434	8.15
.322	.351	17	.340	1208	.120	94.67	85	.462	6.66
.351	.380	9	.366	1217	.122	95.38	68	.493	5.33
.380	.409	16	.396	1233	.126	96.63	59	.512	4.62
.409	.438	7	.420	1240	.127	97.18	43	.556	3.37
.438	.467	9	.452	1249	.130	97.88	36	.582	2.82
.467	.496	7	.480	1256	.131	98.43	27	.625	2.12
.496	.525	4	.510	1260	.133	98.75	20	.676	1.57
.525	.554	2	.541	1262	.133	98.90	16	.718	1.25
.554	.583	4	.558	1266	.135	99.22	14	.743	1.10

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

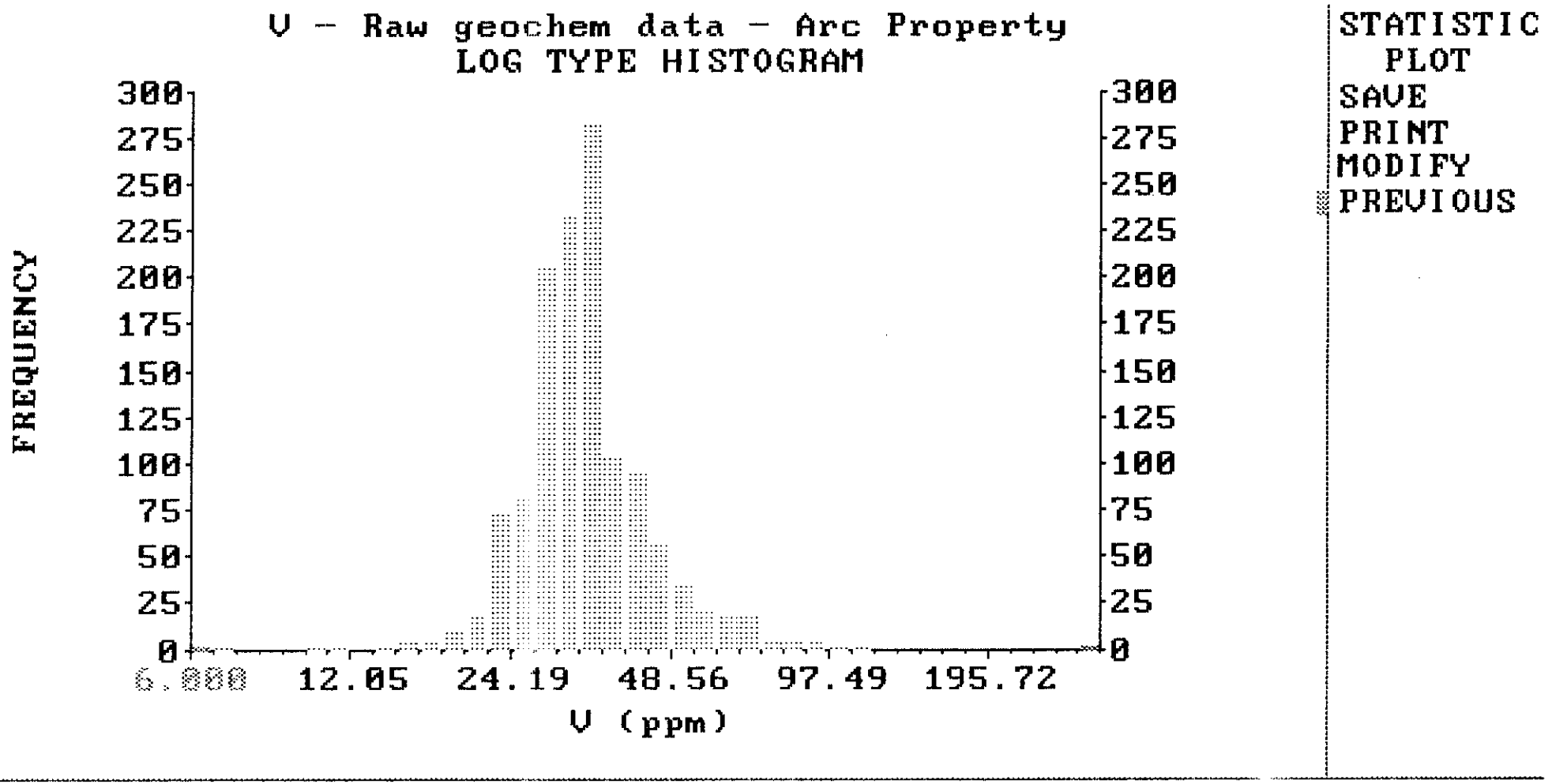
EXTRACTION FILENAME : c:\arc\arcp.mex
DATA DESCRIPTION : P values for statistical analysis
USER DESCRIPTION : P - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.003
MAXIMUM CUTOFF VALUE	:	1.181
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	.003
MAXIMUM HISTOGRAM VALUE	:	1.181
CLASS INTERVAL	:	.029
MINIMUM POPULATION DATA POINT	:	.003
MAXIMUM POPULATION DATA POINT	:	1.181
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	.1400	.1407
MEDIAN		.1081
GEOMETRIC MEAN	.1086	.1096
NATURAL LOG MEAN	-2.2203	-2.2113
STANDARD DEVIATION	.1150	.1153
VARIANCE	.0132	.0133
COEFFICIENT OF VARIATION	.8213	.8193
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0132	.0133
MOMENT 3 ABOUT ARITHMETIC MEAN	.0045	.0045
MOMENT 4 ABOUT ARITHMETIC MEAN	.0031	.0031
MOMENT COEFFICIENT OF SKEWNESS	2.9286	2.9326
MOMENT COEFFICIENT OF KURTOSIS	17.4907	17.5969

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


V - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
300
275
250
225
200
175
150
125
100
75
50
25
0
6.000
12.05
24.19
48.56
97.49
195.72
V (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcv.mex
DATA DESCRIPTION : V values for statistical analysis
USER DESCRIPTION : V - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
43.955	48.556	56	45.553	1169	31.452	91.61	163	55.717	12.77
48.556	53.640	35	50.810	1204	31.893	94.36	107	61.912	8.39
53.640	59.256	21	55.827	1225	32.201	96.00	72	68.155	5.64
59.256	65.460	17	62.095	1242	32.492	97.34	51	73.990	4.00
65.460	72.313	17	68.271	1259	32.819	98.67	34	80.766	2.66
72.313	79.884	5	76.987	1264	32.930	99.06	17	95.546	1.33
79.884	88.247	4	84.710	1268	33.028	99.37	12	104.543	.94
88.247	97.486	3	91.317	1271	33.108	99.61	8	116.139	.63
97.486	107.693	2	102.956	1273	33.167	99.76	5	134.165	.39
107.693	118.968	2	112.960	1275	33.231	99.92	3	160.068	.24
118.968	131.423	0	.000	1275	33.231	99.92	1	321.404	.08
131.423	145.183	0	.000	1275	33.231	99.92	1	321.404	.08
145.183	160.383	0	.000	1275	33.231	99.92	1	321.404	.08
160.383	177.174	0	.000	1275	33.231	99.92	1	321.404	.08
177.174	195.723	0	.000	1275	33.231	99.92	1	321.404	.08
195.723	216.215	0	.000	1275	33.231	99.92	1	321.404	.08
216.215	238.852	0	.000	1275	33.231	99.92	1	321.404	.08
238.852	263.858	0	.000	1275	33.231	99.92	1	321.404	.08
263.858	291.483	0	.000	1275	33.231	99.92	1	321.404	.08
291.483	322.000	1	322.000	1276	33.290	100.00	1	321.404	.08

NB : (GM) - GEOMETRIC MEAN

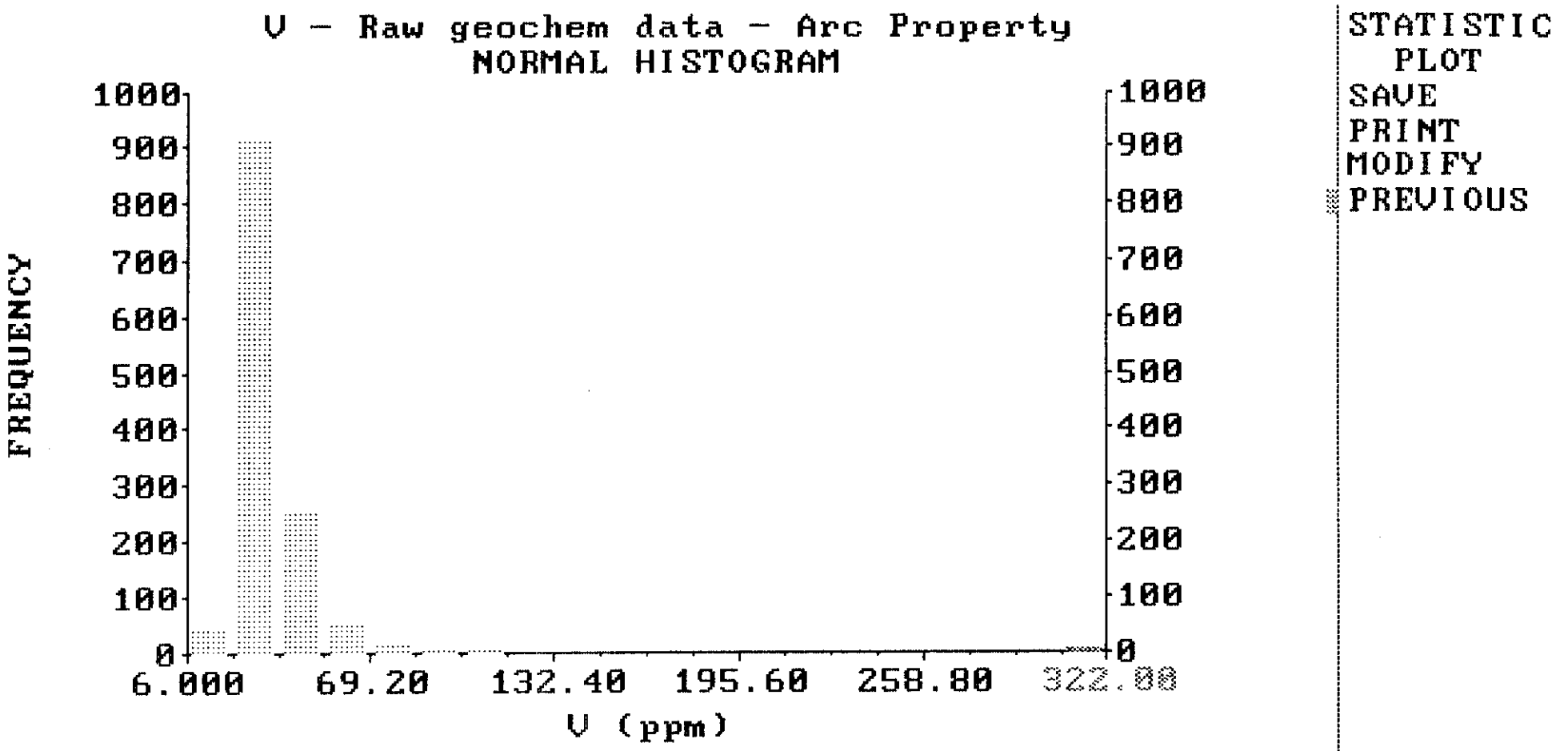
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcv.mex
DATA DESCRIPTION : V values for statistical analysis
USER DESCRIPTION : V - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
6.000	6.628	1	6.000	1	6.000	.08	1276	33.290	100.00
6.628	7.322	1	7.000	2	6.481	.16	1275	33.334	99.92
7.322	8.089	0	.000	2	6.481	.16	1274	33.375	99.84
8.089	8.936	0	.000	2	6.481	.16	1274	33.375	99.84
8.936	9.871	0	.000	2	6.481	.16	1274	33.375	99.84
9.871	10.905	1	10.000	3	7.489	.24	1274	33.375	99.84
10.905	12.046	1	11.000	4	8.244	.31	1273	33.407	99.76
12.046	13.307	0	.000	4	8.244	.31	1272	33.436	99.69
13.307	14.701	2	14.000	6	9.836	.47	1272	33.436	99.69
14.701	16.240	3	15.326	9	11.403	.71	1270	33.482	99.53
16.240	17.940	5	17.000	14	13.151	1.10	1267	33.544	99.29
17.940	19.818	11	18.630	25	15.329	1.96	1262	33.634	98.90
19.818	21.893	18	20.774	43	17.409	3.37	1251	33.810	98.04
21.893	24.185	72	23.236	115	20.858	9.01	1233	34.051	96.63
24.185	26.717	81	25.501	196	22.665	15.36	1161	34.868	90.99
26.717	29.514	205	27.979	401	25.241	31.43	1080	35.695	84.64
29.514	32.604	232	31.014	633	27.221	49.61	875	37.791	68.57
32.604	36.018	281	34.410	914	29.254	71.63	643	40.585	50.39
36.018	39.789	104	37.914	1018	30.040	79.78	362	46.132	28.37
39.789	43.955	95	41.362	1113	30.871	87.23	258	49.928	20.22

NB : (GM) - GEOMETRIC MEAN


V - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
1000
900
800
700
600
500
400
300
200
100
0
6.000
69.20
132.40
195.60
258.80
322.00
V (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcv.mex
DATA DESCRIPTION : V values for statistical analysis
USER DESCRIPTION : V - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
164.000	171.900	0	.000	1275	34.626	99.92	1	322.000	.08
171.900	179.800	0	.000	1275	34.626	99.92	1	322.000	.08
179.800	187.700	0	.000	1275	34.626	99.92	1	322.000	.08
187.700	195.600	0	.000	1275	34.626	99.92	1	322.000	.08
195.600	203.500	0	.000	1275	34.626	99.92	1	322.000	.08
203.500	211.400	0	.000	1275	34.626	99.92	1	322.000	.08
211.400	219.300	0	.000	1275	34.626	99.92	1	322.000	.08
219.300	227.200	0	.000	1275	34.626	99.92	1	322.000	.08
227.200	235.100	0	.000	1275	34.626	99.92	1	322.000	.08
235.100	243.000	0	.000	1275	34.626	99.92	1	322.000	.08
243.000	250.900	0	.000	1275	34.626	99.92	1	322.000	.08
250.900	258.800	0	.000	1275	34.626	99.92	1	322.000	.08
258.800	266.700	0	.000	1275	34.626	99.92	1	322.000	.08
266.700	274.600	0	.000	1275	34.626	99.92	1	322.000	.08
274.600	282.500	0	.000	1275	34.626	99.92	1	322.000	.08
282.500	290.400	0	.000	1275	34.626	99.92	1	322.000	.08
290.400	298.300	0	.000	1275	34.626	99.92	1	322.000	.08
298.300	306.200	0	.000	1275	34.626	99.92	1	322.000	.08
306.200	314.100	0	.000	1275	34.626	99.92	1	322.000	.08
314.100	322.000	1	322.000	1276	34.851	100.00	1	322.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcv.mex
DATA DESCRIPTION : V values for statistical analysis
USER DESCRIPTION : V - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
6.000	13.900	4	8.500	4	8.500	.31	1276	34.851	100.00
13.900	21.800	39	18.923	43	17.953	3.37	1272	34.934	99.69
21.800	29.700	358	26.475	401	25.561	31.43	1233	35.440	96.63
29.700	37.600	553	33.186	954	29.981	74.76	875	39.109	68.57
37.600	45.500	192	40.974	1146	31.823	89.81	322	49.280	25.24
45.500	53.400	58	49.293	1204	32.664	94.36	130	61.546	10.19
53.400	61.300	28	57.000	1232	33.218	96.55	72	71.417	5.64
61.300	69.200	22	65.500	1254	33.784	98.28	44	80.591	3.45
69.200	77.100	8	72.625	1262	34.030	98.90	22	95.682	1.72
77.100	85.000	4	80.500	1266	34.177	99.22	14	108.857	1.10
85.000	92.900	4	88.750	1270	34.349	99.53	10	120.200	.78
92.900	100.800	2	96.500	1272	34.447	99.69	6	141.167	.47
100.800	108.700	1	106.000	1273	34.503	99.76	4	163.500	.31
108.700	116.600	2	113.000	1275	34.626	99.92	3	182.667	.24
116.600	124.500	0	.000	1275	34.626	99.92	1	322.000	.08
124.500	132.400	0	.000	1275	34.626	99.92	1	322.000	.08
132.400	140.300	0	.000	1275	34.626	99.92	1	322.000	.08
140.300	148.200	0	.000	1275	34.626	99.92	1	322.000	.08
148.200	156.100	0	.000	1275	34.626	99.92	1	322.000	.08
156.100	164.000	0	.000	1275	34.626	99.92	1	322.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

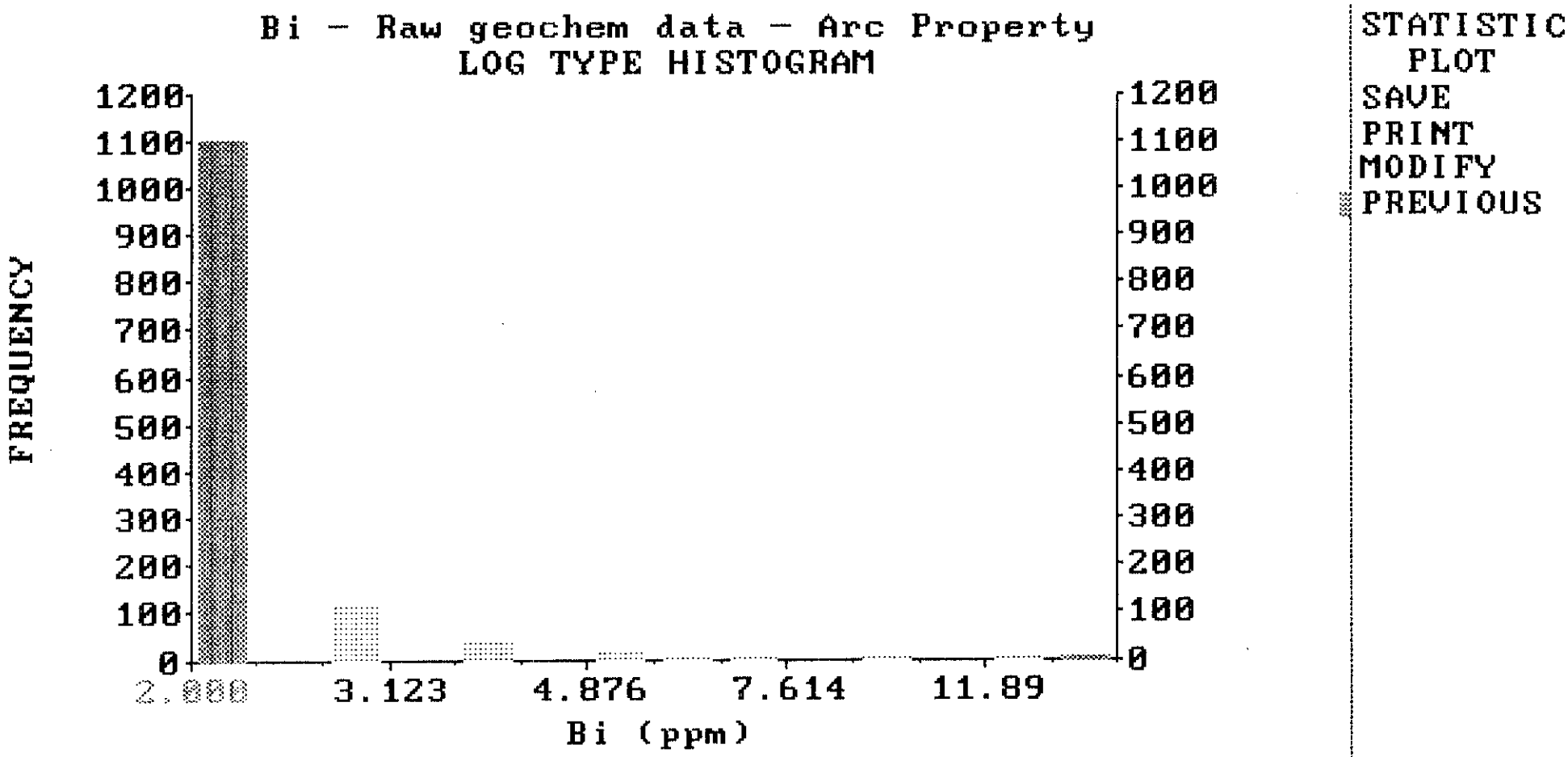
EXTRACTION FILENAME : c:\arc\arcv.mex
DATA DESCRIPTION : V values for statistical analysis
USER DESCRIPTION : V - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	6.000
MAXIMUM CUTOFF VALUE	:	322.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	6.000
MAXIMUM HISTOGRAM VALUE	:	322.000
CLASS INTERVAL	:	7.900
MINIMUM POPULATION DATA POINT	:	6.000
MAXIMUM POPULATION DATA POINT	:	322.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	34.8511	34.9192
MEDIAN		33.0857
GEOMETRIC MEAN	33.2897	33.3468
NATURAL LOG MEAN	3.5052	3.5070
STANDARD DEVIATION	13.6495	13.6152
VARIANCE	186.3101	185.3746
COEFFICIENT OF VARIATION	.3917	.3899
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	186.3101	185.3746
MOMENT 3 ABOUT ARITHMETIC MEAN	21649.6200	20809.2500
MOMENT 4 ABOUT ARITHMETIC MEAN	5513857.0000	5217620.0000
MOMENT COEFFICIENT OF SKEWNESS	8.5133	8.2448
MOMENT COEFFICIENT OF KURTOSIS	158.8484	151.8351

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Bi - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2.000
3.123
4.876
7.614
11.89
Bi (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

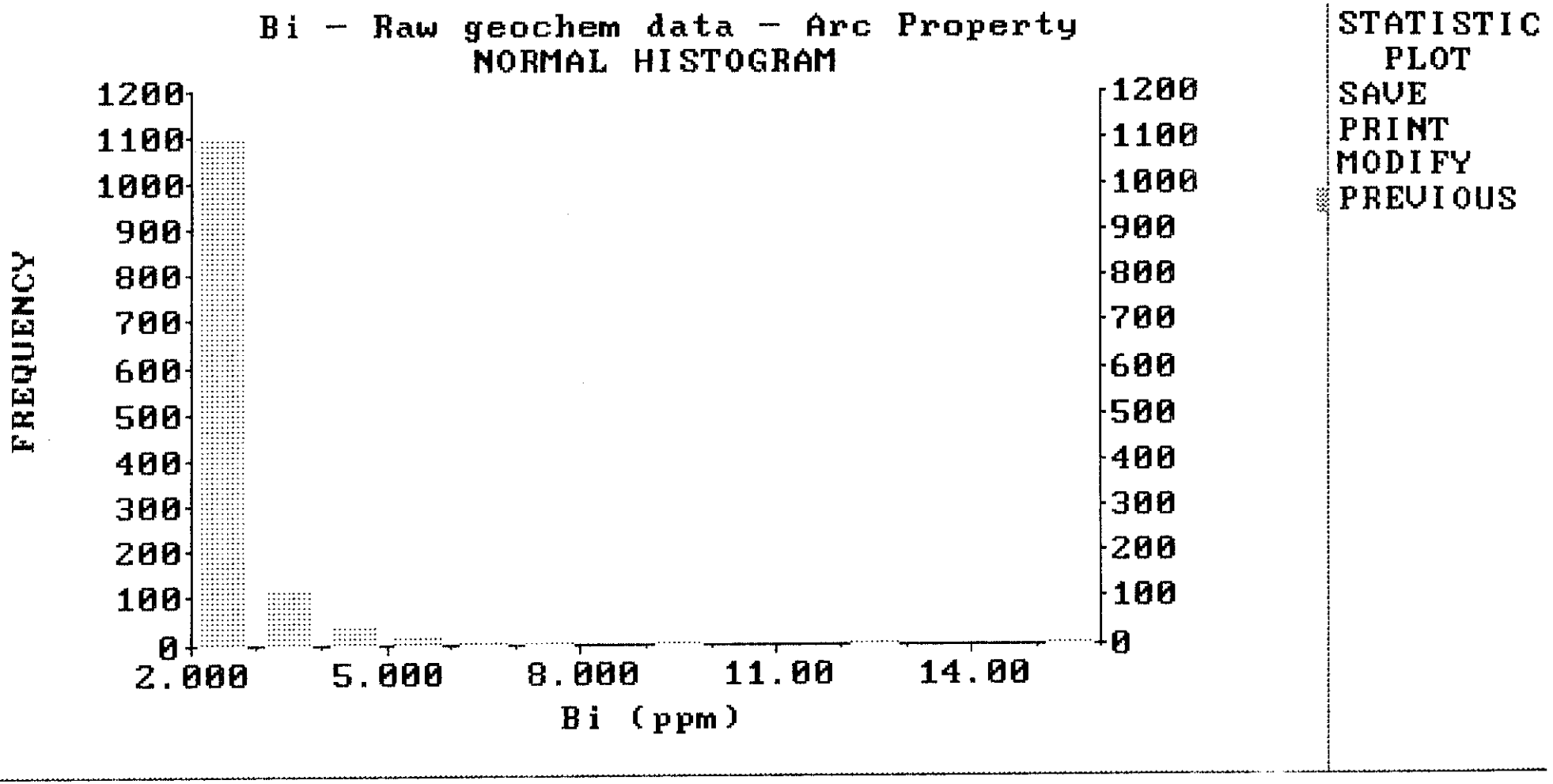
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcbi.mex
DATA DESCRIPTION : Bi values for statistical analysis
USER DESCRIPTION : Bi - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
2.000	2.320	1101	2.000	1101	2.000	86.29	1276	2.158	100.00
2.320	2.692	0	.000	1101	2.000	86.29	175	3.485	13.71
2.692	3.123	113	3.000	1214	2.077	95.14	175	3.485	13.71
3.123	3.623	0	.000	1214	2.077	95.14	62	4.578	4.86
3.623	4.203	42	4.000	1256	2.123	98.43	62	4.578	4.86
4.203	4.876	0	.000	1256	2.123	98.43	20	6.078	1.57
4.876	5.657	13	5.000	1269	2.142	99.45	20	6.078	1.57
5.657	6.563	2	6.000	1271	2.145	99.61	7	8.736	.55
6.563	7.614	1	7.000	1272	2.147	99.69	5	10.152	.39
7.614	8.833	0	.000	1272	2.147	99.69	4	11.141	.31
8.833	10.247	2	9.000	1274	2.152	99.84	4	11.141	.31
10.247	11.888	0	.000	1274	2.152	99.84	2	13.791	.16
11.888	13.792	1	12.000	1275	2.155	99.92	2	13.791	.16
13.792	16.000	1	16.000	1276	2.158	100.00	1	15.850	.08

NB : (GM) - GEOMETRIC MEAN


Bi - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2.000
5.000
8.000
11.00
14.00
Bi (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcbi.mex
DATA DESCRIPTION : Bi values for statistical analysis
USER DESCRIPTION : Bi - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

				< UPPER BND			>= LOWER BND		
		<-INCREMENTAL->		<-----INCREASING----->			<-----DECREASING----->		
CLASS >= FROM	INTERVAL < TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM MEAN	CUM FREQ PERCENT
2.000	3.000	1101	2.000	1101	2.000	86.29	1276	2.225	100.00
3.000	4.000	113	3.000	1214	2.093	95.14	175	3.640	13.71
4.000	5.000	42	4.000	1256	2.157	98.43	62	4.806	4.86
5.000	6.000	13	5.000	1269	2.186	99.45	20	6.500	1.57
6.000	7.000	2	6.000	1271	2.192	99.61	7	9.286	.55
7.000	8.000	1	7.000	1272	2.196	99.69	5	10.600	.39
8.000	9.000	0	.000	1272	2.196	99.69	4	11.500	.31
9.000	10.000	2	9.000	1274	2.206	99.84	4	11.500	.31
10.000	11.000	0	.000	1274	2.206	99.84	2	14.000	.16
11.000	12.000	0	.000	1274	2.206	99.84	2	14.000	.16
12.000	13.000	1	12.000	1275	2.214	99.92	2	14.000	.16
13.000	14.000	0	.000	1275	2.214	99.92	1	16.000	.08
14.000	15.000	0	.000	1275	2.214	99.92	1	16.000	.08
15.000	16.000	1	16.000	1276	2.225	100.00	1	16.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

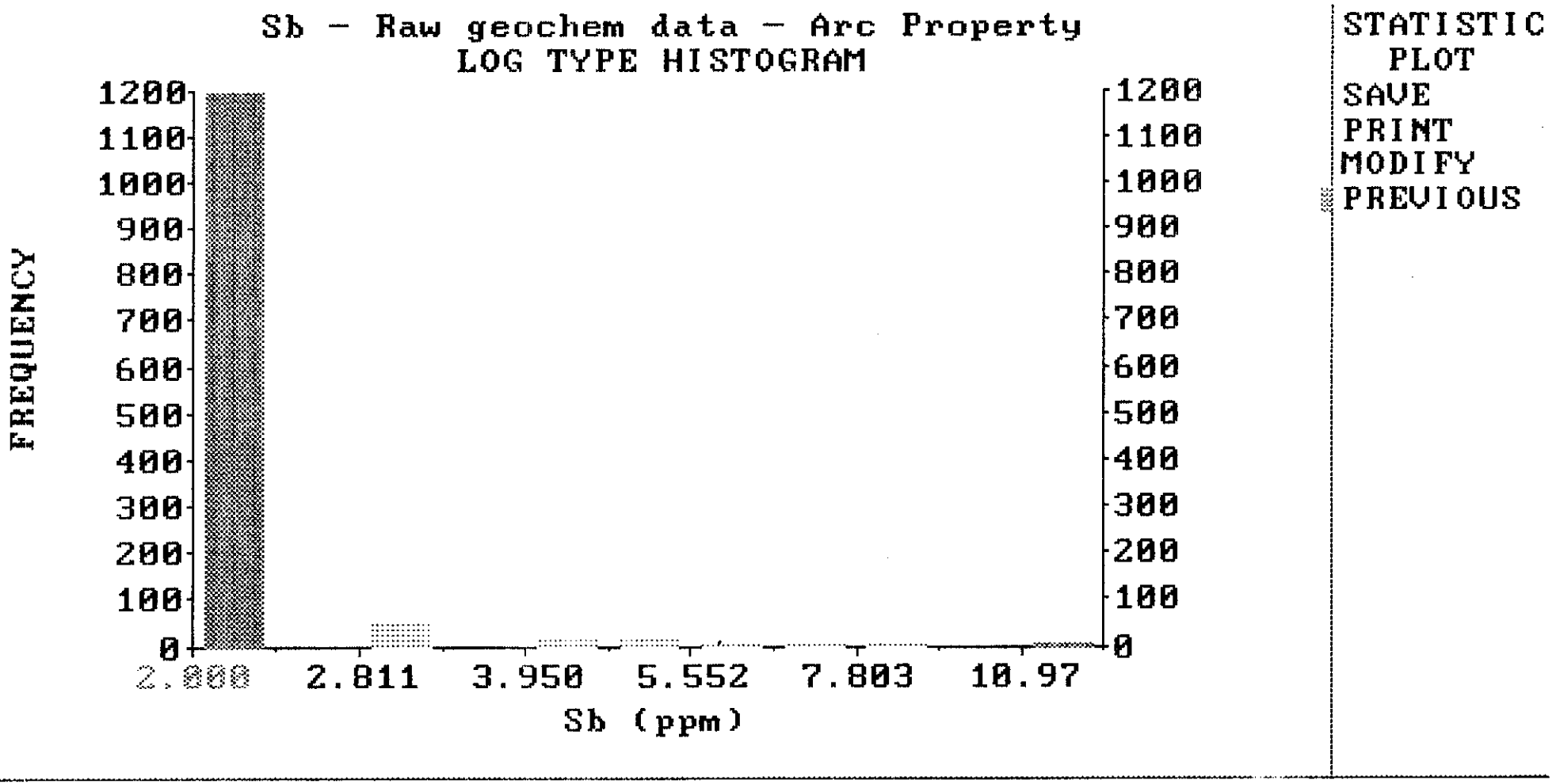
EXTRACTION FILENAME : c:\arc\arcbi.mex
DATA DESCRIPTION : Bi values for statistical analysis
USER DESCRIPTION : Bi - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.000
MAXIMUM CUTOFF VALUE	:	16.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	2.000
MAXIMUM HISTOGRAM VALUE	:	16.000
CLASS INTERVAL	:	1.000
MINIMUM POPULATION DATA POINT	:	2.000
MAXIMUM POPULATION DATA POINT	:	16.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	2.2249	2.7241
MEDIAN		2.5795
GEOMETRIC MEAN	2.1583	2.6661
NATURAL LOG MEAN	.7693	.9806
STANDARD DEVIATION	.7841	.7707
VARIANCE	.6148	.5940
COEFFICIENT OF VARIATION	.3524	.2829
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.6148	.5940
MOMENT 3 ABOUT ARITHMETIC MEAN	3.8708	3.4577
MOMENT 4 ABOUT ARITHMETIC MEAN	40.3667	33.0335
MOMENT COEFFICIENT OF SKEWNESS	8.0303	7.5535
MOMENT COEFFICIENT OF KURTOSIS	106.8063	93.6345

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Sb - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2.000
2.811
3.950
5.552
7.803
10.97
Sb (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

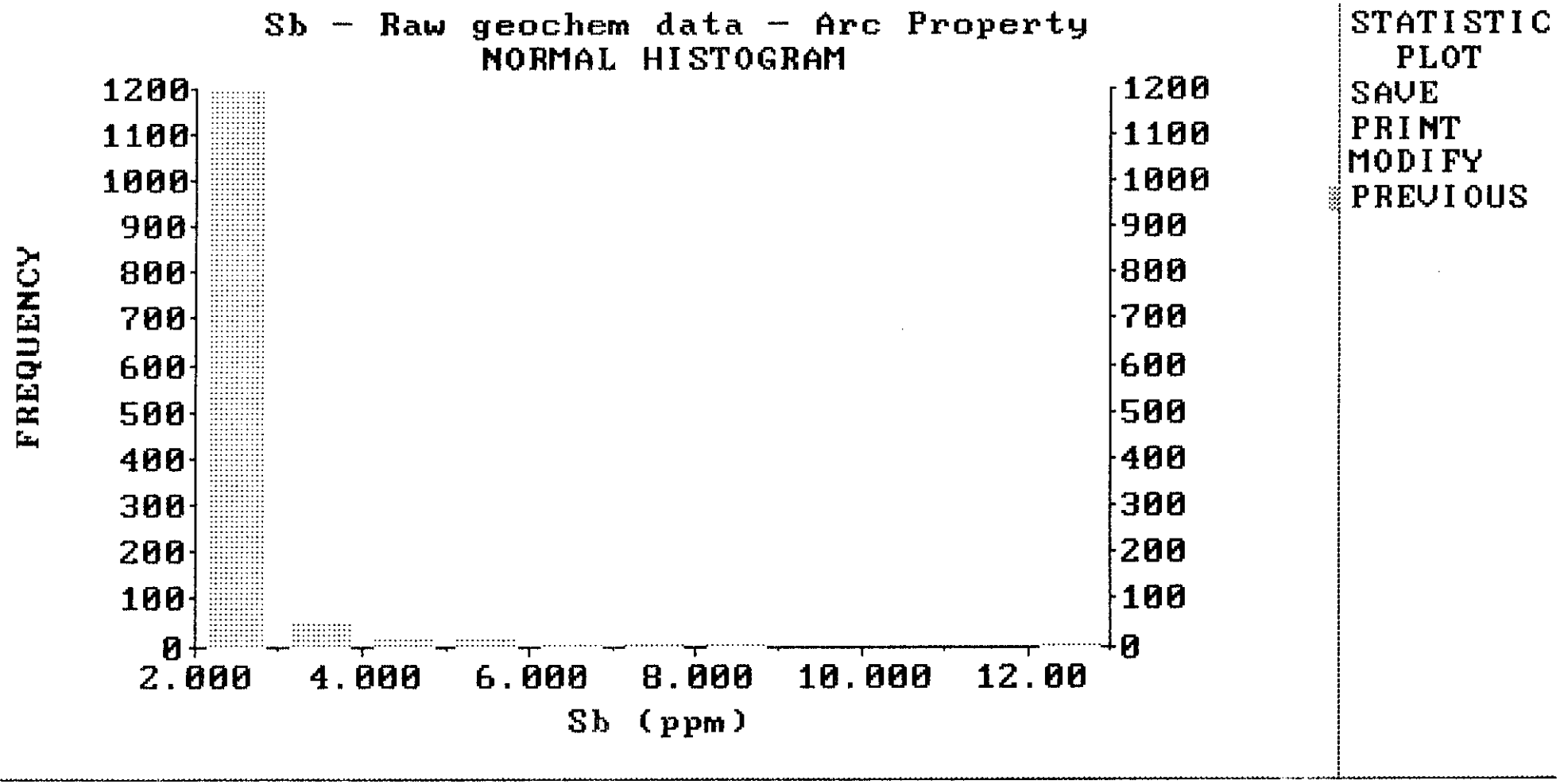
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcsb.mex
DATA DESCRIPTION : Sb values for staistical analysis
USER DESCRIPTION : Sb - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
2.000	2.371	1194	2.000	1194	2.000	93.57	1276	2.081	100.00
2.371	2.811	0	.000	1194	2.000	93.57	82	3.700	6.43
2.811	3.332	48	3.000	1242	2.032	97.34	82	3.700	6.43
3.332	3.950	0	.000	1242	2.032	97.34	34	4.974	2.66
3.950	4.683	14	4.000	1256	2.047	98.43	34	4.974	2.66
4.683	5.552	12	5.000	1268	2.064	99.37	20	5.794	1.57
5.552	6.582	4	6.000	1272	2.071	99.69	8	7.229	.63
6.582	7.803	1	7.000	1273	2.073	99.76	4	8.709	.31
7.803	9.250	2	8.000	1275	2.078	99.92	3	9.367	.24
9.250	10.966	0	.000	1275	2.078	99.92	1	12.841	.08
10.966	13.000	1	13.000	1276	2.081	100.00	1	12.841	.08

NB : (GM) - GEOMETRIC MEAN


Sb - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2.000
4.000
6.000
8.000
10.000
12.00
Sb (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcsb.mex
DATA DESCRIPTION : Sb values for staistical analysis
USER DESCRIPTION : Sb - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
2.000	3.000	1194	2.000	1194	2.000	93.57	1276	2.122	100.00
3.000	4.000	48	3.000	1242	2.039	97.34	82	3.902	6.43
4.000	5.000	14	4.000	1256	2.061	98.43	34	5.176	2.66
5.000	6.000	12	5.000	1268	2.088	99.37	20	6.000	1.57
6.000	7.000	4	6.000	1272	2.101	99.69	8	7.500	.63
7.000	8.000	1	7.000	1273	2.104	99.76	4	9.000	.31
8.000	9.000	2	8.000	1275	2.114	99.92	3	9.667	.24
9.000	10.000	0	.000	1275	2.114	99.92	1	13.000	.08
10.000	11.000	0	.000	1275	2.114	99.92	1	13.000	.08
11.000	12.000	0	.000	1275	2.114	99.92	1	13.000	.08
12.000	13.000	1	13.000	1276	2.122	100.00	1	13.000	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

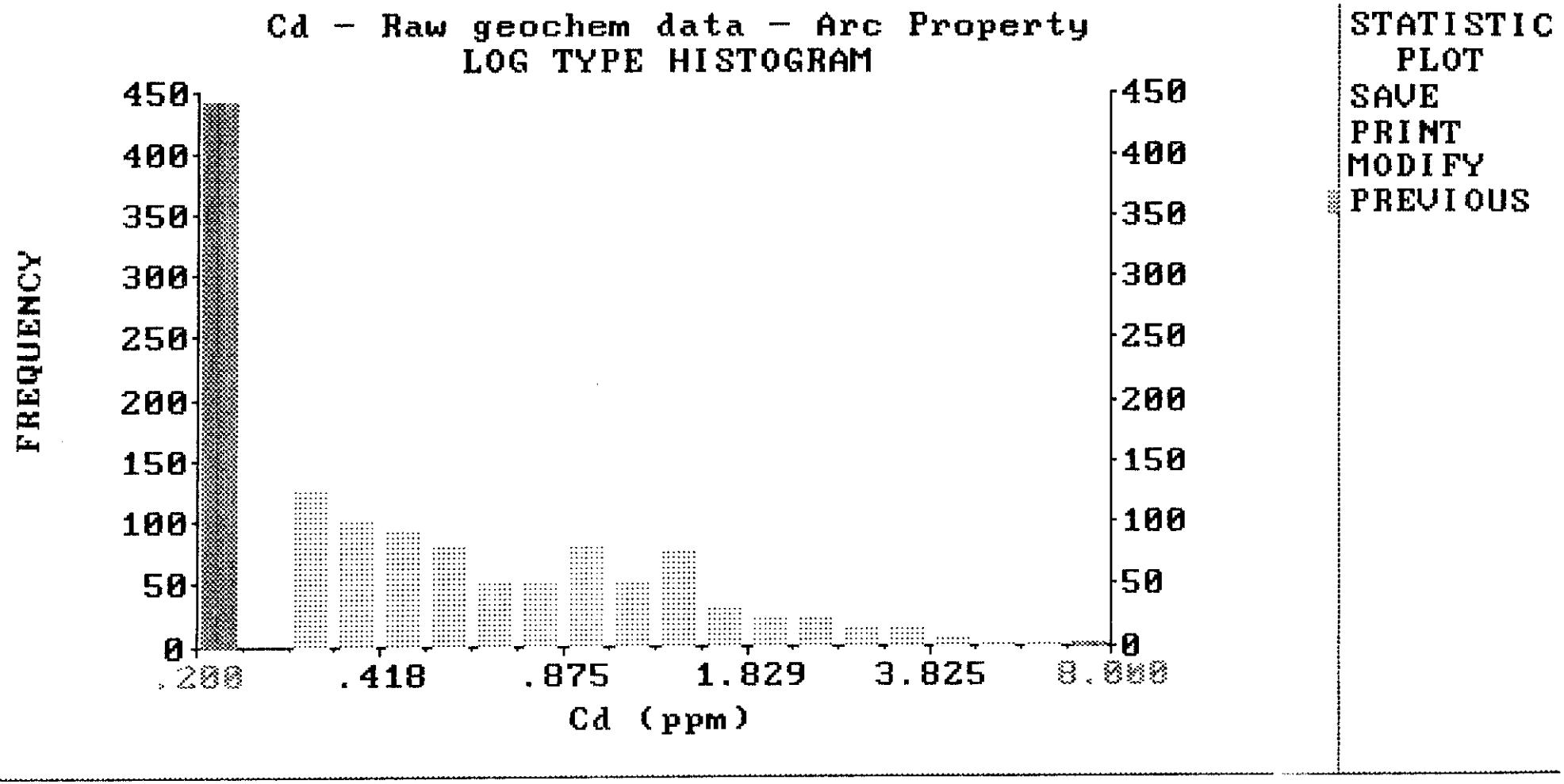
EXTRACTION FILENAME : c:\arc\arcsb.mex
DATA DESCRIPTION : Sb values for staistical analysis
USER DESCRIPTION : Sb - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.000
MAXIMUM CUTOFF VALUE	:	13.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	2.000
MAXIMUM HISTOGRAM VALUE	:	13.000
CLASS INTERVAL	:	1.000
MINIMUM POPULATION DATA POINT	:	2.000
MAXIMUM POPULATION DATA POINT	:	13.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	2.1223	2.6215
MEDIAN		2.5343
GEOMETRIC MEAN	2.0807	2.5853
NATURAL LOG MEAN	.7327	.9498
STANDARD DEVIATION	.6101	.5966
VARIANCE	.3722	.3559
COEFFICIENT OF VARIATION	.2875	.2276
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.3722	.3559
MOMENT 3 ABOUT ARITHMETIC MEAN	1.9212	1.6687
MOMENT 4 ABOUT ARITHMETIC MEAN	14.7996	11.2931
MOMENT COEFFICIENT OF SKEWNESS	8.4608	7.8580
MOMENT COEFFICIENT OF KURTOSIS	106.8306	89.1401

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Cd - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
450
400
350
300
250
200
150
100
50
0
.200
.418
.875
1.829
3.825
8.000
Cd (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

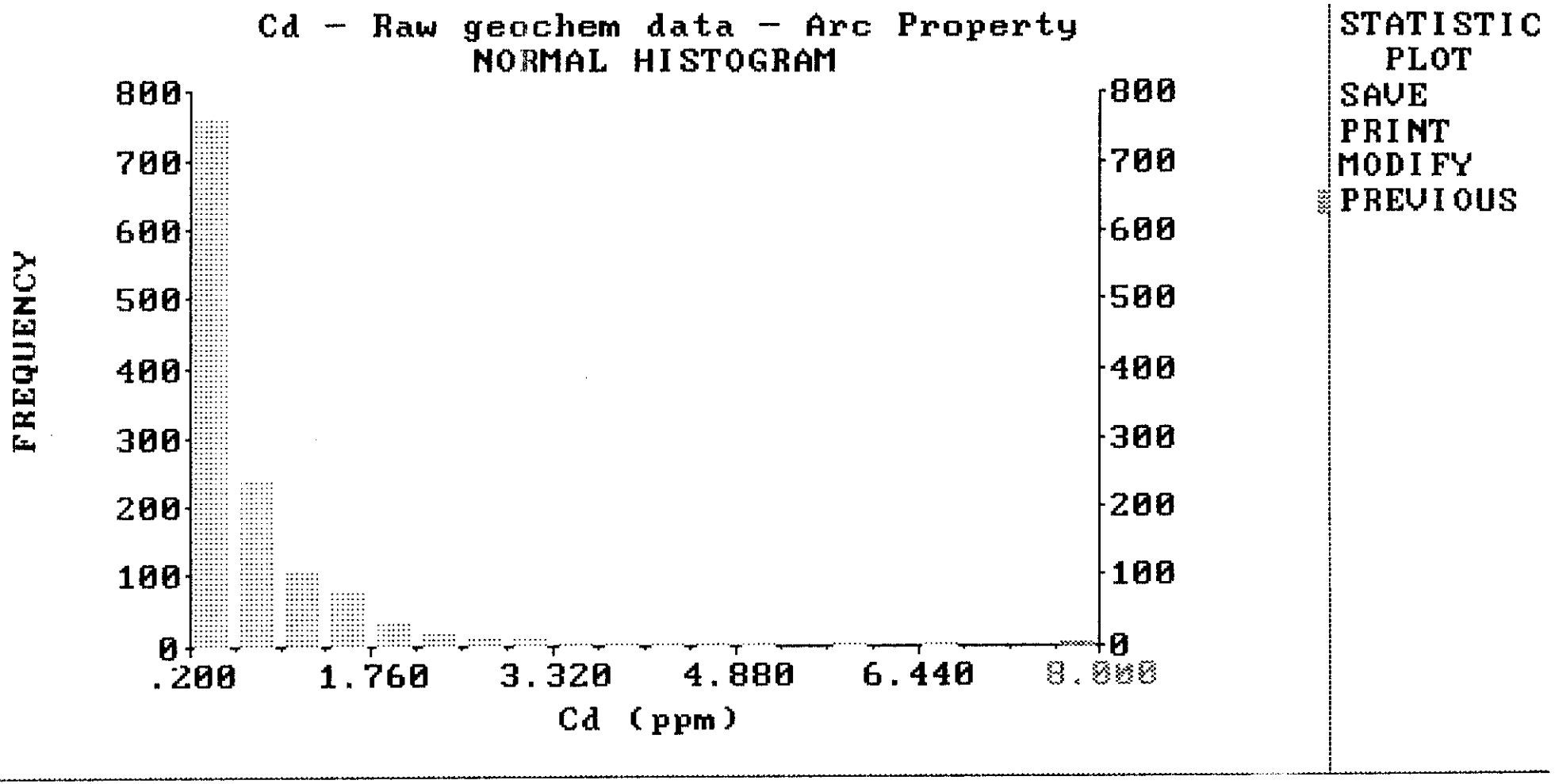
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arccd.mex
DATA DESCRIPTION : Cd values for statistical analysis
USER DESCRIPTION : Cd - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
.200	.241	441	.200	441	.200	34.56	1276	.470	100.00
.241	.289	0	.000	441	.200	34.56	835	.737	65.44
.289	.348	128	.300	569	.219	44.59	835	.737	65.44
.348	.418	101	.400	670	.240	52.51	707	.868	55.41
.418	.503	93	.500	763	.262	59.80	606	.988	47.49
.503	.605	82	.600	845	.284	66.22	513	1.117	40.20
.605	.727	52	.700	897	.300	70.30	431	1.257	33.78
.727	.875	53	.800	950	.316	74.45	379	1.363	29.70
.875	1.052	82	.939	1032	.345	80.88	326	1.486	25.55
1.052	1.265	52	1.141	1084	.365	84.95	244	1.734	19.12
1.265	1.521	75	1.402	1159	.399	90.83	192	1.942	15.05
1.521	1.829	33	1.692	1192	.415	93.42	117	2.393	9.17
1.829	2.200	23	1.990	1215	.427	95.22	84	2.742	6.58
2.200	2.645	23	2.374	1238	.441	97.02	61	3.094	4.78
2.645	3.181	13	2.866	1251	.450	98.04	38	3.633	2.98
3.181	3.825	13	3.404	1264	.459	99.06	25	4.110	1.96
3.825	4.600	5	4.292	1269	.463	99.45	12	5.041	.94
4.600	5.532	4	4.895	1273	.467	99.76	7	5.654	.55
5.532	6.653	1	6.000	1274	.468	99.84	3	6.850	.24
6.653	8.000	2	7.321	1276	.470	100.00	2	7.319	.16

NB : (GM) - GEOMETRIC MEAN


Cd - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
800
700
600
500
400
300
200
100
0
.200
1.760
3.320
4.880
6.440
8.000
Cd (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arccd.mex
DATA DESCRIPTION : Cd values for statistical analysis
USER DESCRIPTION : Cd - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
.200	.590	763	.280	763	.280	59.80	1276	.692	100.00
.590	.980	236	.729	999	.386	78.29	513	1.305	40.20
.980	1.370	108	1.132	1107	.459	86.76	277	1.796	21.71
1.370	1.760	76	1.514	1183	.527	92.71	169	2.220	13.24
1.760	2.150	32	1.937	1215	.564	95.22	93	2.797	7.29
2.150	2.540	18	2.317	1233	.589	96.63	61	3.248	4.78
2.540	2.930	15	2.740	1248	.615	97.81	43	3.637	3.37
2.930	3.320	9	3.189	1257	.634	98.51	28	4.118	2.19
3.320	3.710	7	3.543	1264	.650	99.06	19	4.558	1.49
3.710	4.100	2	4.000	1266	.655	99.22	12	5.150	.94
4.100	4.490	1	4.400	1267	.658	99.29	10	5.380	.78
4.490	4.880	4	4.625	1271	.670	99.61	9	5.489	.71
4.880	5.270	2	5.100	1273	.677	99.76	5	6.180	.39
5.270	5.660	0	.000	1273	.677	99.76	3	6.900	.24
5.660	6.050	1	6.000	1274	.682	99.84	3	6.900	.24
6.050	6.440	0	.000	1274	.682	99.84	2	7.350	.16
6.440	6.830	1	6.700	1275	.686	99.92	2	7.350	.16
6.830	7.220	0	.000	1275	.686	99.92	1	8.001	.08
7.220	7.610	0	.000	1275	.686	99.92	1	8.001	.08
7.610	8.000	1	8.000	1276	.692	100.00	1	8.001	.08

NB : (GM) - GEOMETRIC MEAN

CLASSICAL STATISTICS AND HISTOGRAMS

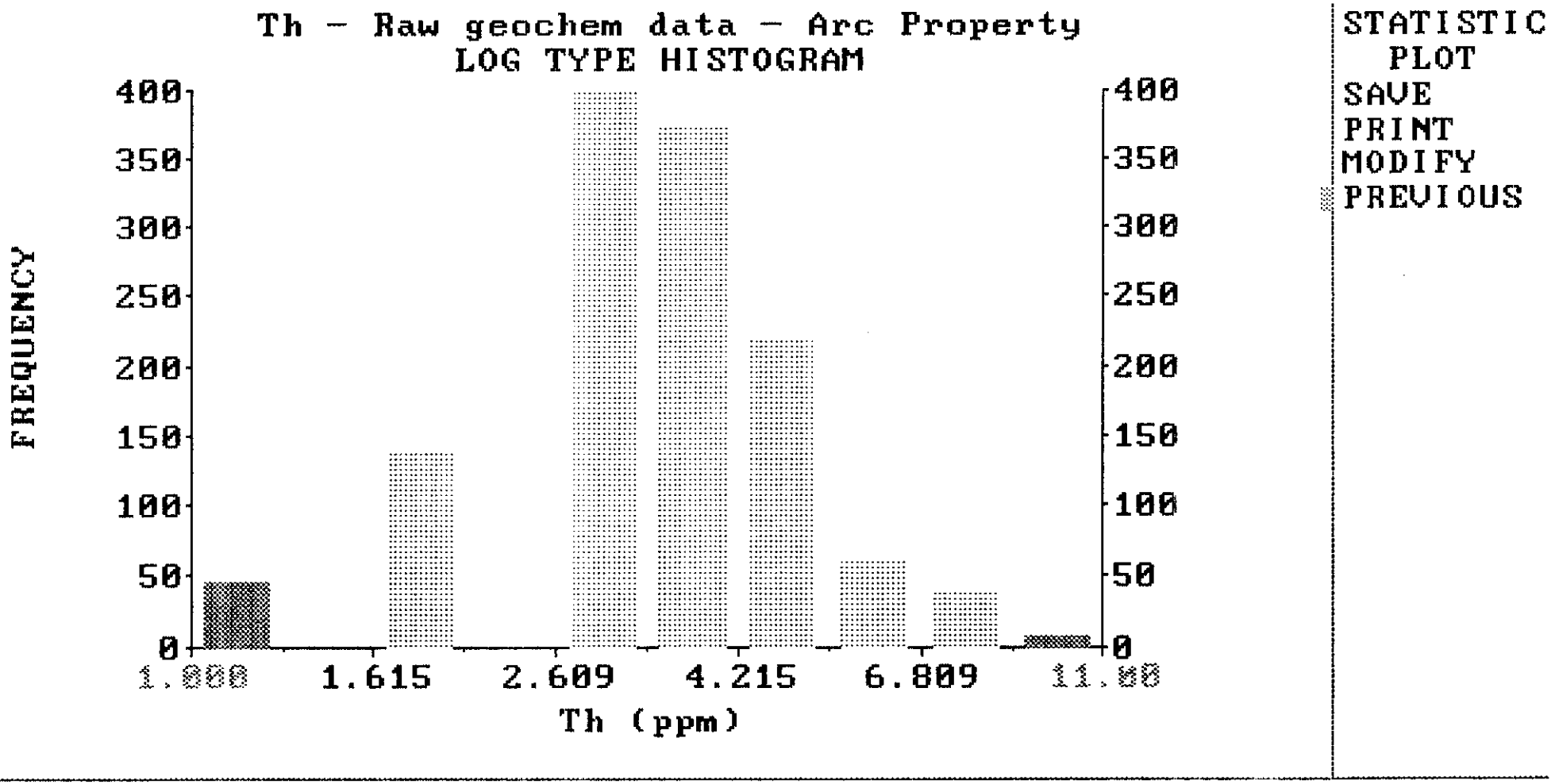
EXTRACTION FILENAME : c:\arc\arccd.mex
DATA DESCRIPTION : Cd values for statistical analysis
USER DESCRIPTION : Cd - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.200
MAXIMUM CUTOFF VALUE	:	8.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	.200
MAXIMUM HISTOGRAM VALUE	:	8.000
CLASS INTERVAL	:	.390
MINIMUM POPULATION DATA POINT	:	.200
MAXIMUM POPULATION DATA POINT	:	8.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	.6921	.7777
MEDIAN		.5261
GEOMETRIC MEAN	.4698	.6132
NATURAL LOG MEAN	-.7555	-.4891
STANDARD DEVIATION	.7639	.7210
VARIANCE	.5835	.5199
COEFFICIENT OF VARIATION	1.1037	.9272
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.5835	.5199
MOMENT 3 ABOUT ARITHMETIC MEAN	1.4598	1.3135
MOMENT 4 ABOUT ARITHMETIC MEAN	6.6336	5.7554
MOMENT COEFFICIENT OF SKEWNESS	3.2749	3.5039
MOMENT COEFFICIENT OF KURTOSIS	19.4822	21.2931

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


Th - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
400
350
300
250
200
150
100
50
0
1.000
1.615
2.609
4.215
6.809
11.00
Th (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

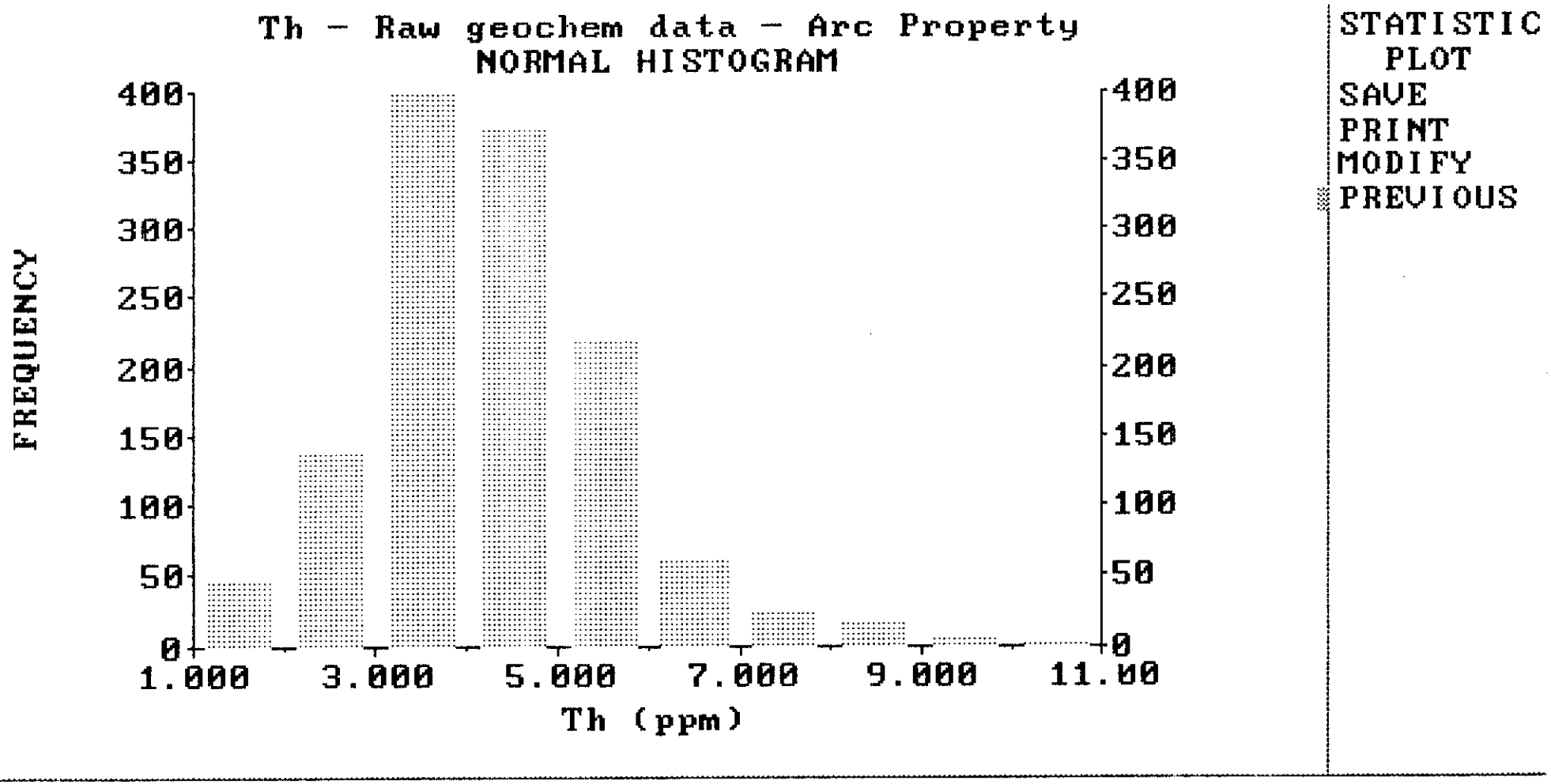
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcth.mex
DATA DESCRIPTION : Th values for statistical analysis
USER DESCRIPTION : Th - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
1.000	1.271	45	1.000	45	1.000	3.53	1276	3.500	100.00
1.271	1.615	0	.000	45	1.000	3.53	1231	3.664	96.47
1.615	2.053	138	2.000	183	1.687	14.34	1231	3.664	96.47
2.053	2.609	0	.000	183	1.687	14.34	1093	3.955	85.66
2.609	3.317	397	3.000	580	2.502	45.45	1093	3.955	85.66
3.317	4.215	374	4.000	954	3.007	74.76	696	4.630	54.55
4.215	5.358	217	5.000	1171	3.304	91.77	322	5.487	25.24
5.358	6.809	60	6.000	1231	3.402	96.47	105	6.647	8.23
6.809	8.655	39	7.369	1270	3.483	99.53	45	7.620	3.53
8.655	11.000	6	9.471	1276	3.500	100.00	6	9.475	.47

NB : (GM) - GEOMETRIC MEAN


Th - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
400
350
300
250
200
150
100
50
0
1.000
3.000
5.000
7.000
9.000
11.00
Th (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

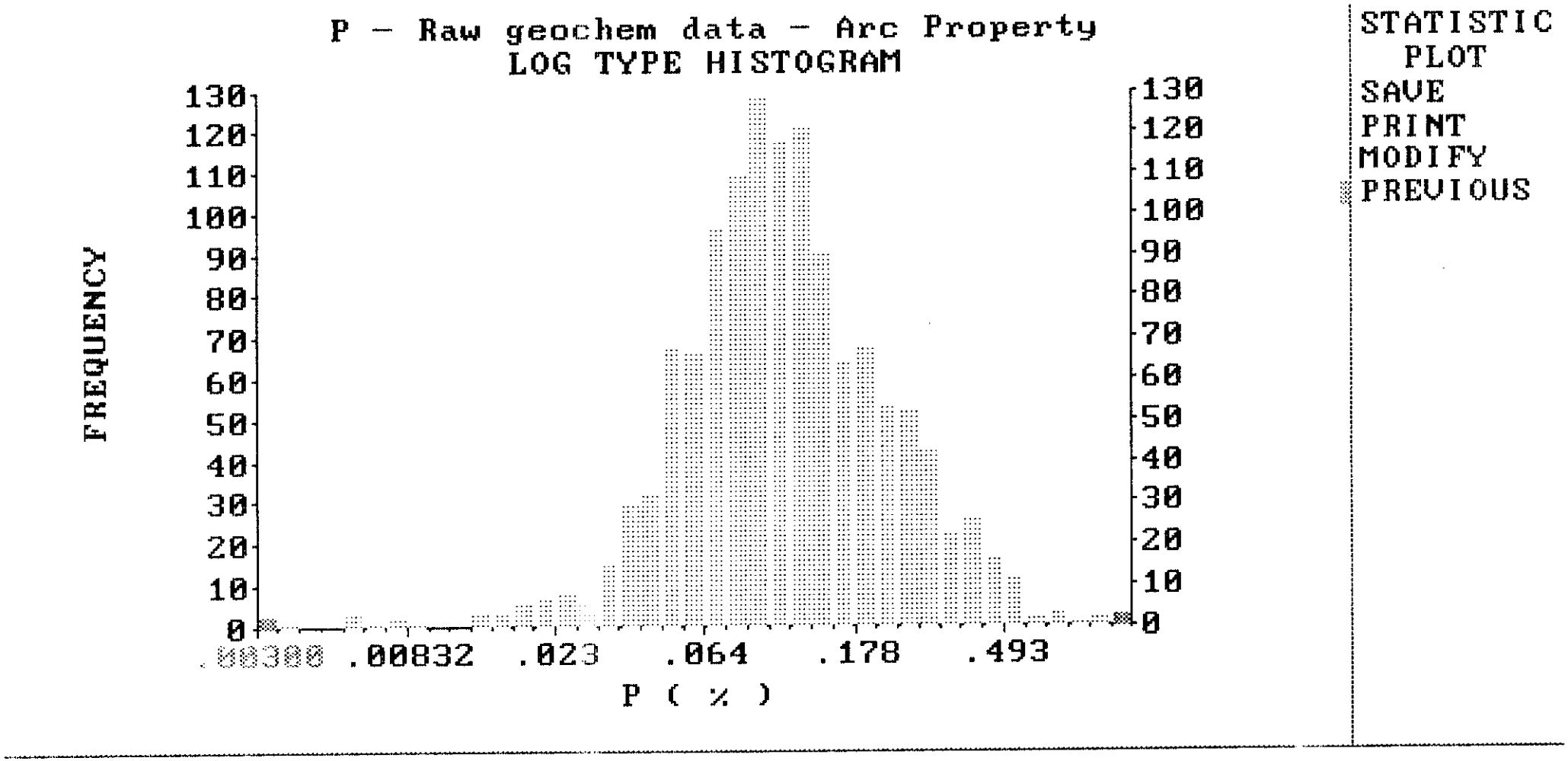
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcp.mex
DATA DESCRIPTION : P values for statistical analysis
USER DESCRIPTION : P - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
.055	.064	66	.060	252	.040	19.75	1090	.132	85.42
.064	.074	96	.070	348	.047	27.27	1024	.138	80.25
.074	.086	109	.080	457	.053	35.82	928	.149	72.73
.086	.099	128	.092	585	.060	45.85	819	.161	64.18
.099	.115	117	.107	702	.066	55.02	691	.179	54.15
.115	.133	121	.123	823	.073	64.50	574	.199	44.98
.133	.153	90	.142	913	.077	71.55	453	.226	35.50
.153	.178	64	.165	977	.081	76.57	363	.254	28.45
.178	.205	67	.192	1044	.086	81.82	299	.278	23.43
.205	.238	53	.220	1097	.090	85.97	232	.309	18.18
.238	.275	52	.253	1149	.094	90.05	179	.342	14.03
.275	.318	42	.294	1191	.098	93.34	127	.387	9.95
.318	.368	22	.344	1213	.100	95.06	85	.443	6.66
.368	.426	26	.397	1239	.103	97.10	63	.484	4.94
.426	.493	16	.460	1255	.105	98.35	37	.557	2.90
.493	.570	11	.531	1266	.107	99.22	21	.644	1.65
.570	.659	2	.618	1268	.107	99.37	10	.797	.78
.659	.763	3	.679	1271	.108	99.61	8	.849	.63
.763	.882	1	.792	1272	.108	99.69	5	.970	.39
.882	1.021	2	.921	1274	.108	99.84	4	1.020	.31
1.021	1.181	2	1.130	1276	.109	100.00	2	1.130	.16

NB : (GM) - GEOMETRIC MEAN


P - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
130
120
110
100
90
80
70
60
50
40
30
20
10
0
.00832
.023
.064
.178
.493
P (%)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcna.mex
DATA DESCRIPTION : Na values for staistical analysis
USER DESCRIPTION : Na - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.010
MAXIMUM CUTOFF VALUE	:	.180
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	.010
MAXIMUM HISTOGRAM VALUE	:	.180
CLASS INTERVAL	:	.009
MINIMUM POPULATION DATA POINT	:	.010
MAXIMUM POPULATION DATA POINT	:	.180
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	.0255	.0286
MEDIAN		.0258
GEOMETRIC MEAN	.0230	.0266
NATURAL LOG MEAN	-3.7713	-3.6251
STANDARD DEVIATION	.0143	.0134
VARIANCE	.0002	.0002
COEFFICIENT OF VARIATION	.5606	.4703
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0002	.0002
MOMENT 3 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 4 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT COEFFICIENT OF SKEWNESS	3.9917	4.3790
MOMENT COEFFICIENT OF KURTOSIS	30.2119	34.4817

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

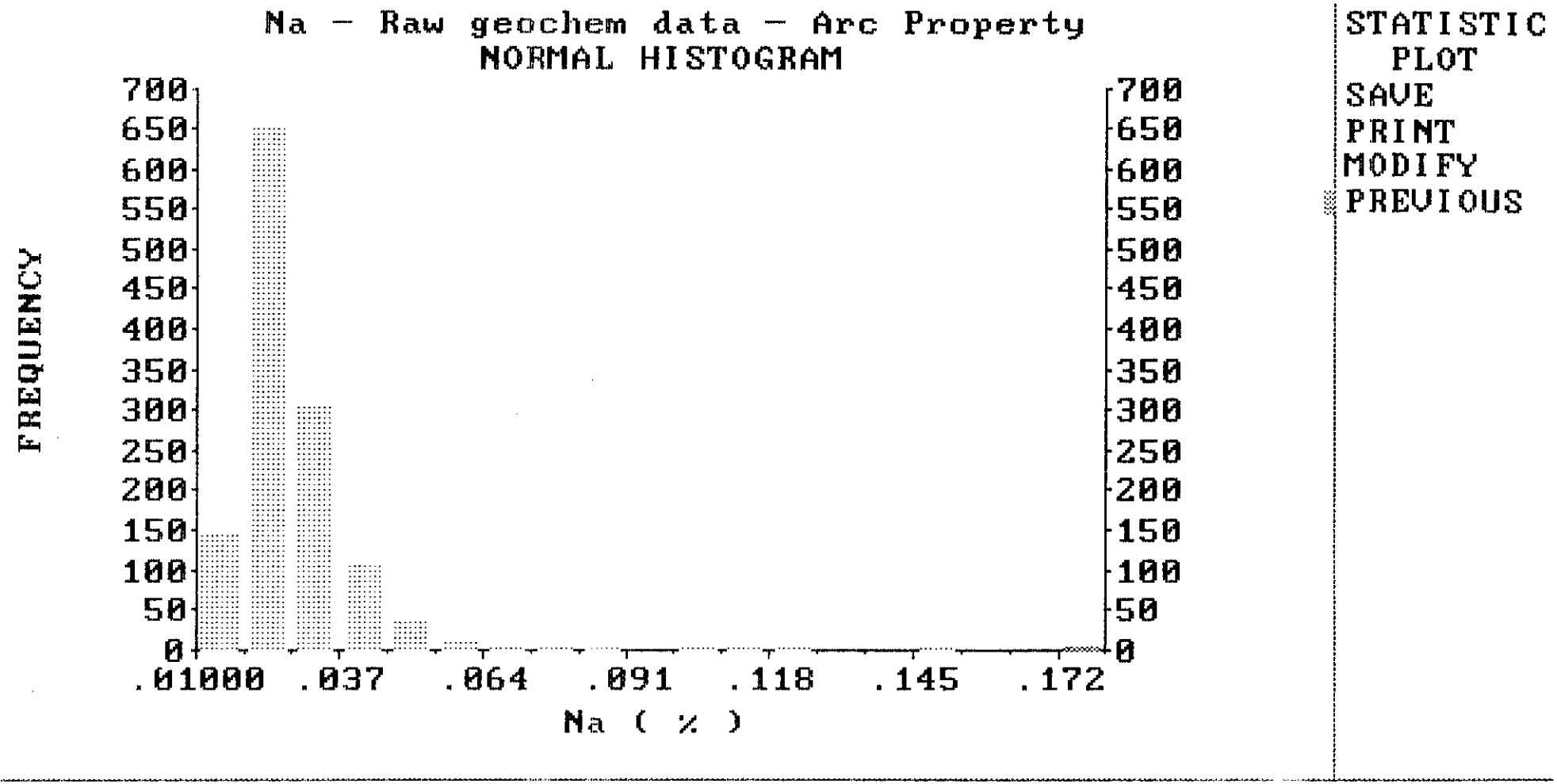
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcna.mex
DATA DESCRIPTION : Na values for staistical analysis
USER DESCRIPTION : Na - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		<-INCREMENTAL->		< UPPER BND <-----INCREASING----->			>= LOWER BND <-----DECREASING----->		
>= FROM	< TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM MEAN	CUM FREQ PERCENT
.010	.019	142	.010	142	.010	11.13	1276	.026	100.00
.019	.028	653	.020	795	.018	62.30	1134	.027	88.87
.028	.037	304	.030	1099	.021	86.13	481	.038	37.70
.037	.046	107	.040	1206	.023	94.51	177	.051	13.87
.046	.055	39	.050	1245	.024	97.57	70	.067	5.49
.055	.064	10	.060	1255	.024	98.35	31	.089	2.43
.064	.073	3	.070	1258	.024	98.59	21	.103	1.65
.073	.082	3	.080	1261	.024	98.82	18	.109	1.41
.082	.091	4	.090	1265	.025	99.14	15	.115	1.18
.091	.100	0	.000	1265	.025	99.14	11	.124	.86
.100	.109	2	.100	1267	.025	99.29	11	.124	.86
.109	.118	4	.110	1271	.025	99.61	9	.129	.71
.118	.127	2	.120	1273	.025	99.76	5	.144	.39
.127	.136	0	.000	1273	.025	99.76	3	.160	.24
.136	.145	0	.000	1273	.025	99.76	3	.160	.24
.145	.154	2	.150	1275	.025	99.92	3	.160	.24
.154	.163	0	.000	1275	.025	99.92	1	.180	.08
.163	.172	0	.000	1275	.025	99.92	1	.180	.08
.172	.181	1	.180	1276	.026	100.00	1	.180	.08

NB : (GM) - GEOMETRIC MEAN


Na - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
.01000
.037
.064
.091
.118
.145
.172
Na (%)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

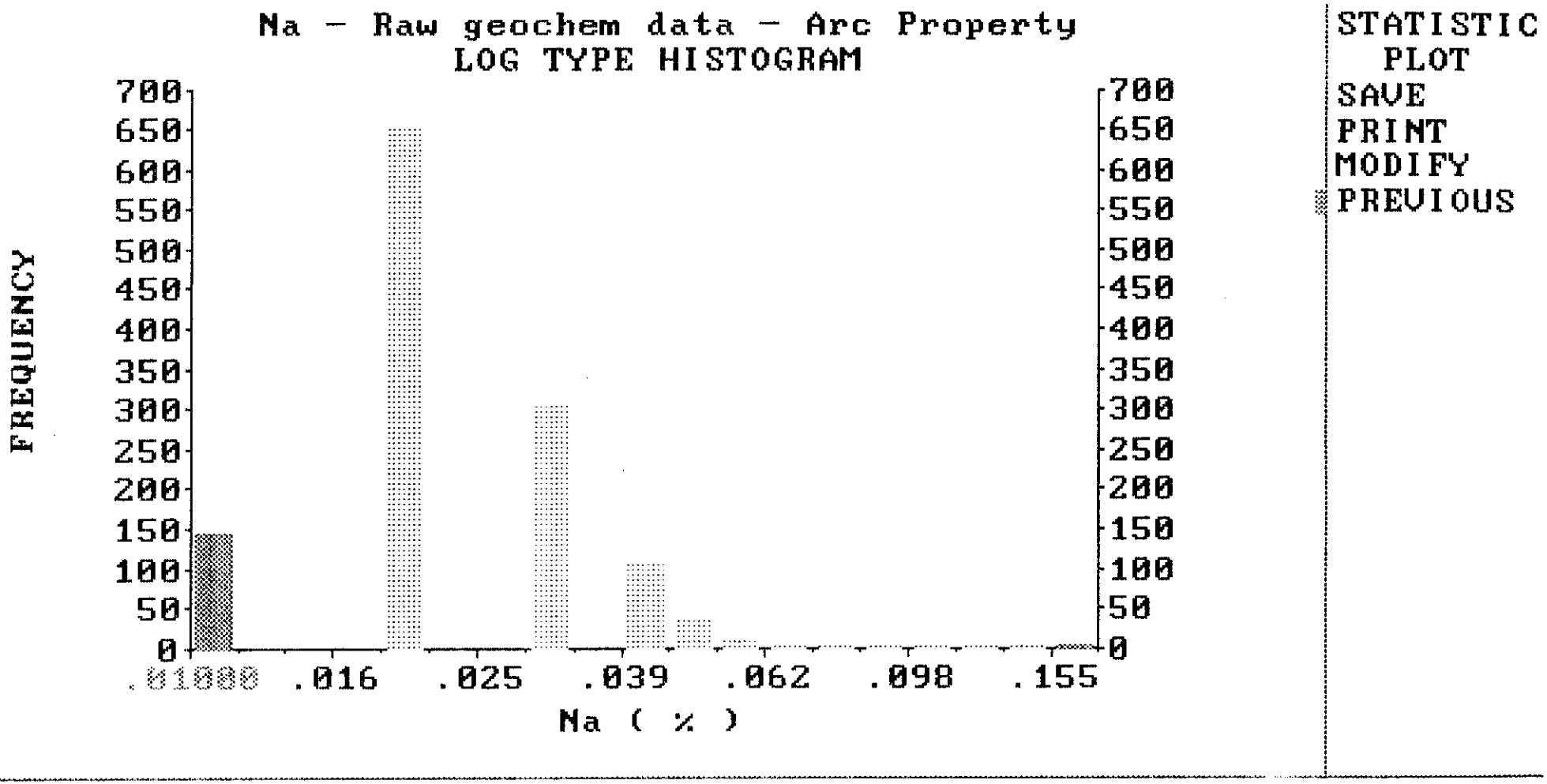
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcna.mex
DATA DESCRIPTION : Na values for staistical analysis
USER DESCRIPTION : Na - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
.010	.012	142	.010	142	.010	11.13	1276	.023	100.00
.012	.014	0	.000	142	.010	11.13	1134	.026	88.87
.014	.016	0	.000	142	.010	11.13	1134	.026	88.87
.016	.018	0	.000	142	.010	11.13	1134	.026	88.87
.018	.021	653	.020	795	.018	62.30	1134	.026	88.87
.021	.025	0	.000	795	.018	62.30	481	.036	37.70
.025	.029	0	.000	795	.018	62.30	481	.036	37.70
.029	.034	304	.030	1099	.020	86.13	481	.036	37.70
.034	.039	0	.000	1099	.020	86.13	177	.048	13.87
.039	.046	107	.040	1206	.022	94.51	177	.048	13.87
.046	.053	39	.050	1245	.022	97.57	70	.063	5.49
.053	.062	10	.060	1255	.022	98.35	31	.085	2.43
.062	.072	3	.070	1258	.023	98.59	21	.100	1.65
.072	.084	3	.080	1261	.023	98.82	18	.106	1.41
.084	.098	4	.090	1265	.023	99.14	15	.112	1.18
.098	.114	6	.107	1271	.023	99.61	11	.122	.86
.114	.133	2	.120	1273	.023	99.76	5	.142	.39
.133	.155	2	.150	1275	.023	99.92	3	.159	.24
.155	.180	1	.180	1276	.023	100.00	1	.180	.08

NB : (GM) - GEOMETRIC MEAN


Na - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
.016
.025
.039
.062
.098
.155
Na (%)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arck.mex
DATA DESCRIPTION : K values for statistical analysis
USER DESCRIPTION : K - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.020
MAXIMUM CUTOFF VALUE	:	.980
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	.020
MAXIMUM HISTOGRAM VALUE	:	.980
CLASS INTERVAL	:	.051
MINIMUM POPULATION DATA POINT	:	.020
MAXIMUM POPULATION DATA POINT	:	.980
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	.1400	.1375
MEDIAN		.1160
GEOMETRIC MEAN	.1238	.1193
NATURAL LOG MEAN	-2.0891	-2.1262
STANDARD DEVIATION	.0894	.0914
VARIANCE	.0080	.0084
COEFFICIENT OF VARIATION	.6386	.6646
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0080	.0084
MOMENT 3 ABOUT ARITHMETIC MEAN	.0028	.0028
MOMENT 4 ABOUT ARITHMETIC MEAN	.0017	.0017
MOMENT COEFFICIENT OF SKEWNESS	3.8894	3.6854
MOMENT COEFFICIENT OF KURTOSIS	25.8221	23.8851

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

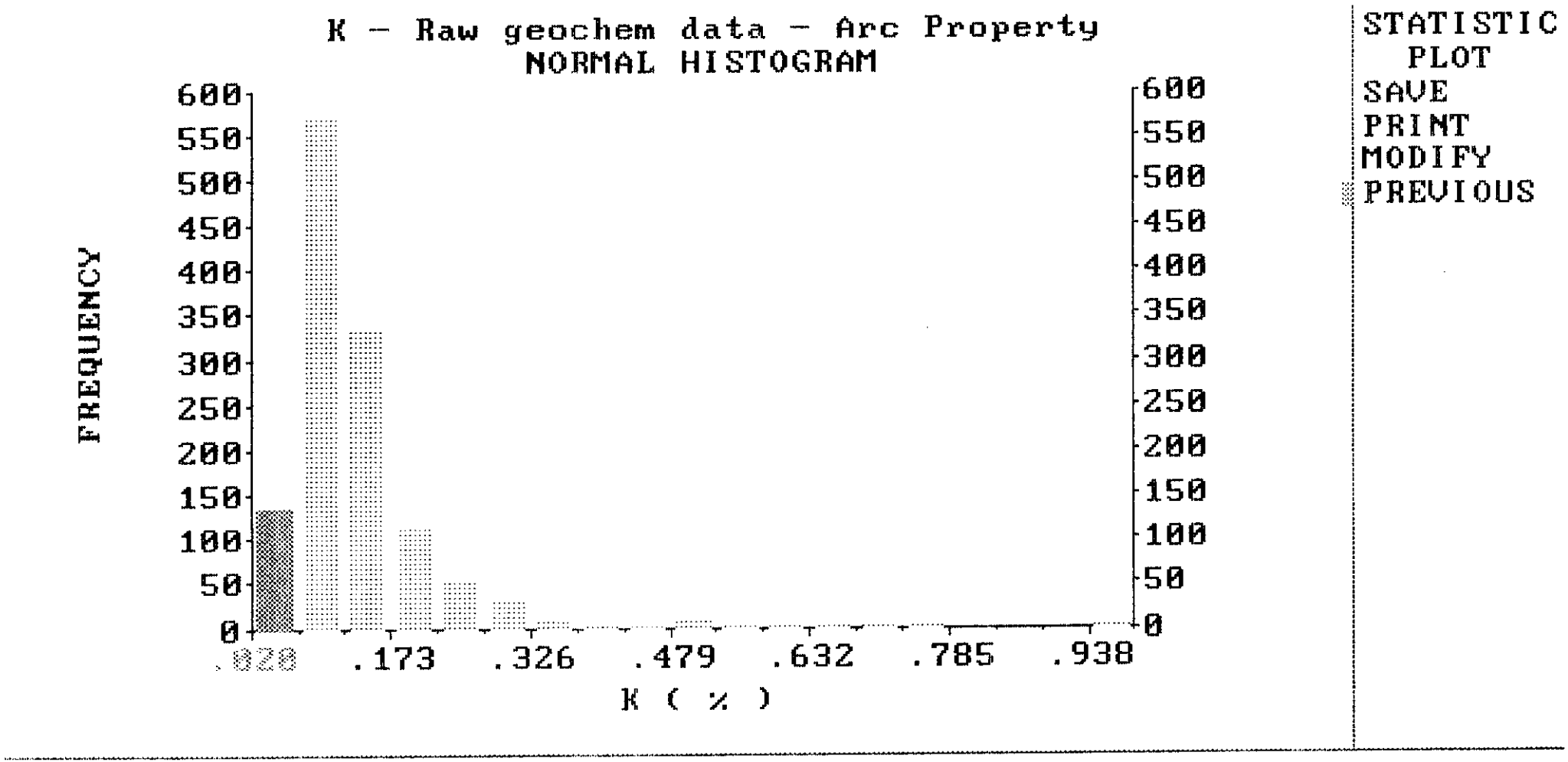
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arck.mex
DATA DESCRIPTION : K values for statistical analysis
USER DESCRIPTION : K - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
.020	.071	135	.062	135	.062	10.58	1276	.140	100.00
.071	.122	570	.100	705	.093	55.25	1141	.149	89.42
.122	.173	334	.146	1039	.110	81.43	571	.199	44.75
.173	.224	115	.197	1154	.119	90.44	237	.272	18.57
.224	.275	55	.247	1209	.124	94.75	122	.343	9.56
.275	.326	31	.296	1240	.129	97.18	67	.422	5.25
.326	.377	9	.356	1249	.130	97.88	36	.531	2.82
.377	.428	3	.393	1252	.131	98.12	27	.590	2.12
.428	.479	1	.440	1253	.131	98.20	24	.614	1.88
.479	.530	7	.500	1260	.133	98.75	23	.622	1.80
.530	.581	5	.548	1265	.135	99.14	16	.675	1.25
.581	.632	2	.605	1267	.136	99.29	11	.733	.86
.632	.683	3	.653	1270	.137	99.53	9	.761	.71
.683	.734	2	.705	1272	.138	99.69	6	.815	.47
.734	.785	2	.770	1274	.139	99.84	4	.870	.31
.785	.836	0	.000	1274	.139	99.84	2	.970	.16
.836	.887	0	.000	1274	.139	99.84	2	.970	.16
.887	.938	0	.000	1274	.139	99.84	2	.970	.16
.938	.989	2	.970	1276	.140	100.00	2	.970	.16

NB : (GM) - GEOMETRIC MEAN


K - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
600
550
500
450
400
350
300
250
200
150
100
50
0
.020
.173
.326
.479
.632
.785
.938
K (%)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

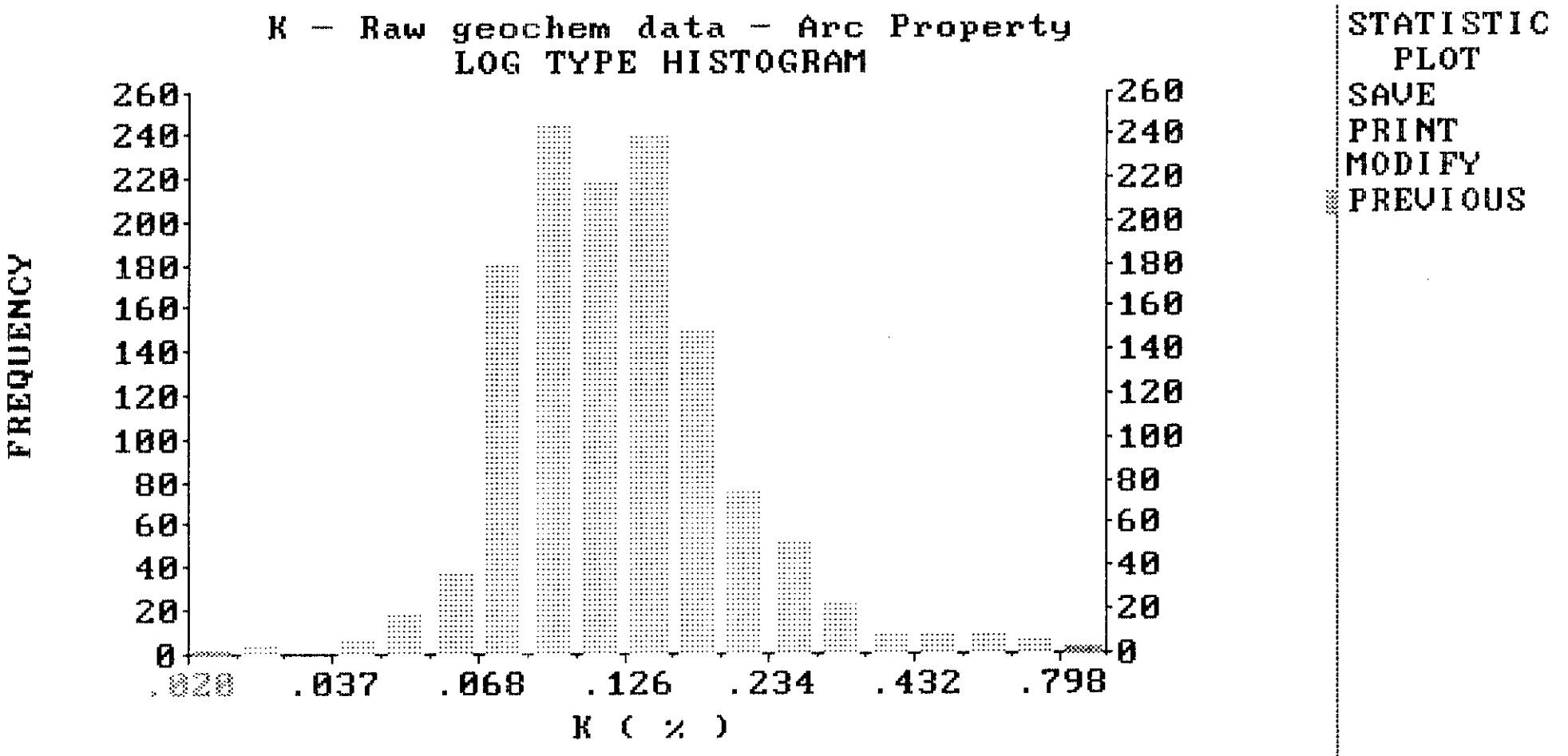
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arck.mex
DATA DESCRIPTION : K values for statistical analysis
USER DESCRIPTION : K - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
.020	.025	1	.020	1	.020	.08	1276	.124	100.00
.025	.030	3	.030	4	.027	.31	1275	.124	99.92
.030	.037	0	.000	4	.027	.31	1272	.124	99.69
.037	.045	5	.040	9	.034	.71	1272	.124	99.69
.045	.056	17	.050	26	.044	2.04	1267	.125	99.29
.056	.068	36	.060	62	.052	4.86	1250	.127	97.96
.068	.084	180	.076	242	.069	18.97	1214	.129	95.14
.084	.103	245	.095	487	.081	38.17	1034	.142	81.03
.103	.126	218	.114	705	.090	55.25	789	.161	61.83
.126	.155	239	.139	944	.101	73.98	571	.183	44.75
.155	.190	150	.172	1094	.108	85.74	332	.224	26.02
.190	.234	75	.212	1169	.113	91.61	182	.277	14.26
.234	.287	52	.259	1221	.117	95.69	107	.334	8.39
.287	.352	23	.313	1244	.119	97.49	55	.427	4.31
.352	.432	8	.375	1252	.120	98.12	32	.534	2.51
.432	.530	8	.492	1260	.121	98.75	24	.600	1.88
.530	.651	9	.580	1269	.123	99.45	16	.663	1.25
.651	.798	5	.725	1274	.123	99.84	7	.788	.55
.798	.980	2	.970	1276	.124	100.00	2	.971	.16

NB : (GM) - GEOMETRIC MEAN


K - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
260
240
220
200
180
160
140
120
100
80
60
40
20
0
.028
.037
.068
.126
.234
.432
.798
K (%)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcw.mex
DATA DESCRIPTION : W values for statistical analysis
USER DESCRIPTION : W - Raw geochem data - Arc Property

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	1.000
MAXIMUM CUTOFF VALUE	:	17.000
TOTAL NUMBER OF SAMPLES USED	:	1276
MINIMUM HISTOGRAM VALUE	:	1.000
MAXIMUM HISTOGRAM VALUE	:	17.000
CLASS INTERVAL	:	1.000
MINIMUM POPULATION DATA POINT	:	1.000
MAXIMUM POPULATION DATA POINT	:	17.000
TOTAL POPULATION	:	1276

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1276	
ARITHMETIC MEAN	1.1560	1.6552
MEDIAN		1.5500
GEOMETRIC MEAN	1.0841	1.5953
NATURAL LOG MEAN	.0808	.4671
STANDARD DEVIATION	.7808	.7653
VARIANCE	.6097	.5856
COEFFICIENT OF VARIATION	.6755	.4624
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.6097	.5856
MOMENT 3 ABOUT ARITHMETIC MEAN	5.6083	5.0559
MOMENT 4 ABOUT ARITHMETIC MEAN	71.0866	59.7657
MOMENT COEFFICIENT OF SKEWNESS	11.7806	11.2812
MOMENT COEFFICIENT OF KURTOSIS	191.2359	174.2574

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

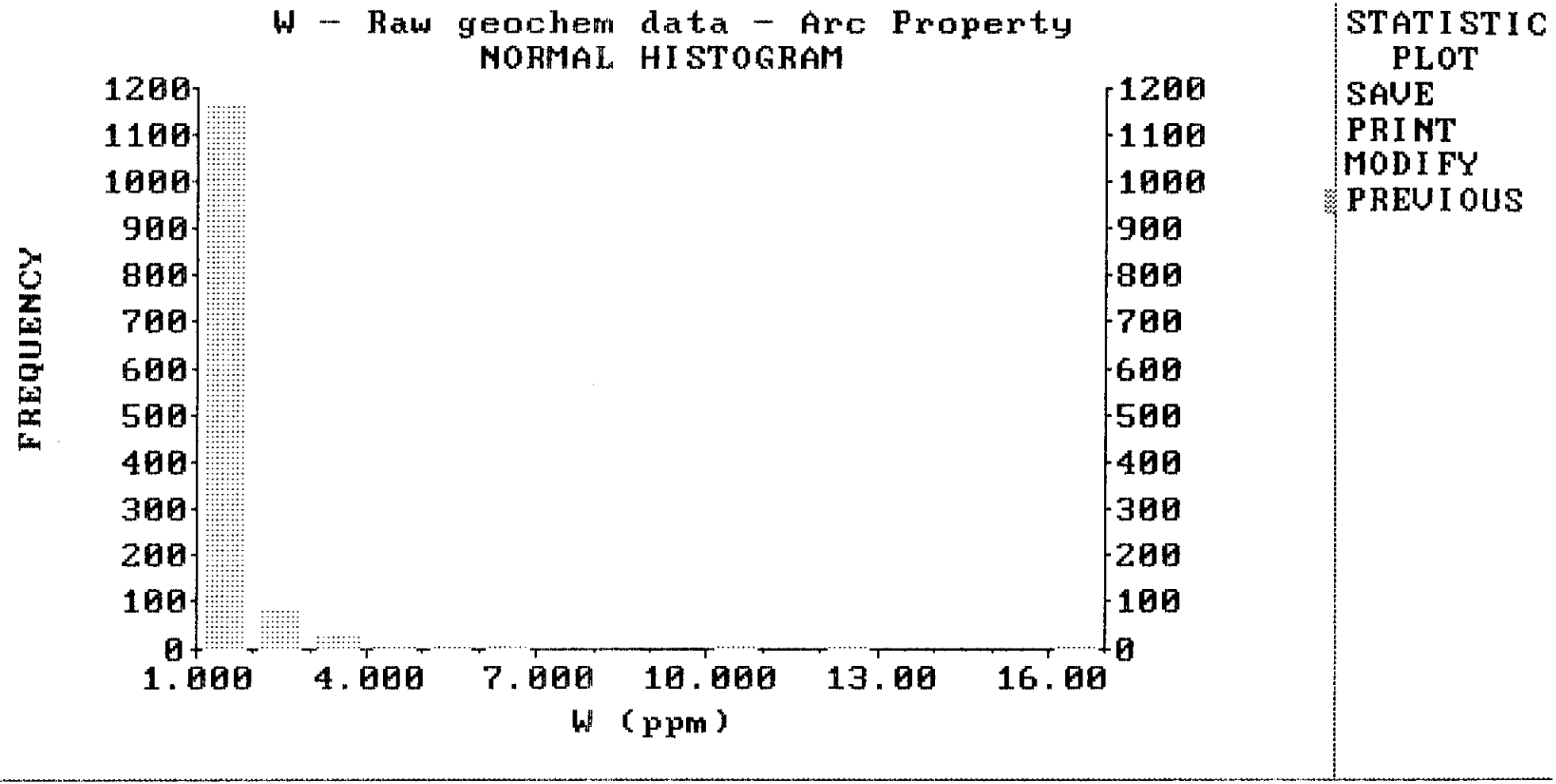
CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : c:\arc\arcw.mex
DATA DESCRIPTION : W values for statistical analysis
USER DESCRIPTION : W - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

CLASS >= FROM	INTERVAL < TO	<-INCREMENTAL-> COUNT	MEAN	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN	CUM FREQ PERCENT
1.000	2.000	1160	1.000	1160	1.000	90.91	1276	1.156	100.00
2.000	3.000	80	2.000	1240	1.065	97.18	116	2.716	9.09
3.000	4.000	27	3.000	1267	1.106	99.29	36	4.306	2.82
4.000	5.000	1	4.000	1268	1.108	99.37	9	8.222	.71
5.000	6.000	3	5.000	1271	1.117	99.61	8	8.750	.63
6.000	7.000	1	6.000	1272	1.121	99.69	5	11.000	.39
7.000	8.000	0	.000	1272	1.121	99.69	4	12.250	.31
8.000	9.000	0	.000	1272	1.121	99.69	4	12.250	.31
9.000	10.000	0	.000	1272	1.121	99.69	4	12.250	.31
10.000	11.000	2	10.000	1274	1.135	99.84	4	12.250	.31
11.000	12.000	0	.000	1274	1.135	99.84	2	14.500	.16
12.000	13.000	1	12.000	1275	1.144	99.92	2	14.500	.16
13.000	14.000	0	.000	1275	1.144	99.92	1	17.000	.08
14.000	15.000	0	.000	1275	1.144	99.92	1	17.000	.08
15.000	16.000	0	.000	1275	1.144	99.92	1	17.000	.08
16.000	17.000	1	17.000	1276	1.156	100.00	1	17.000	.08

NB : (GM) - GEOMETRIC MEAN


W - Raw geochem data - Arc Property
NORMAL HISTOGRAM
FREQUENCY
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1.000
4.000
7.000
10.000
13.00
16.00
W (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS

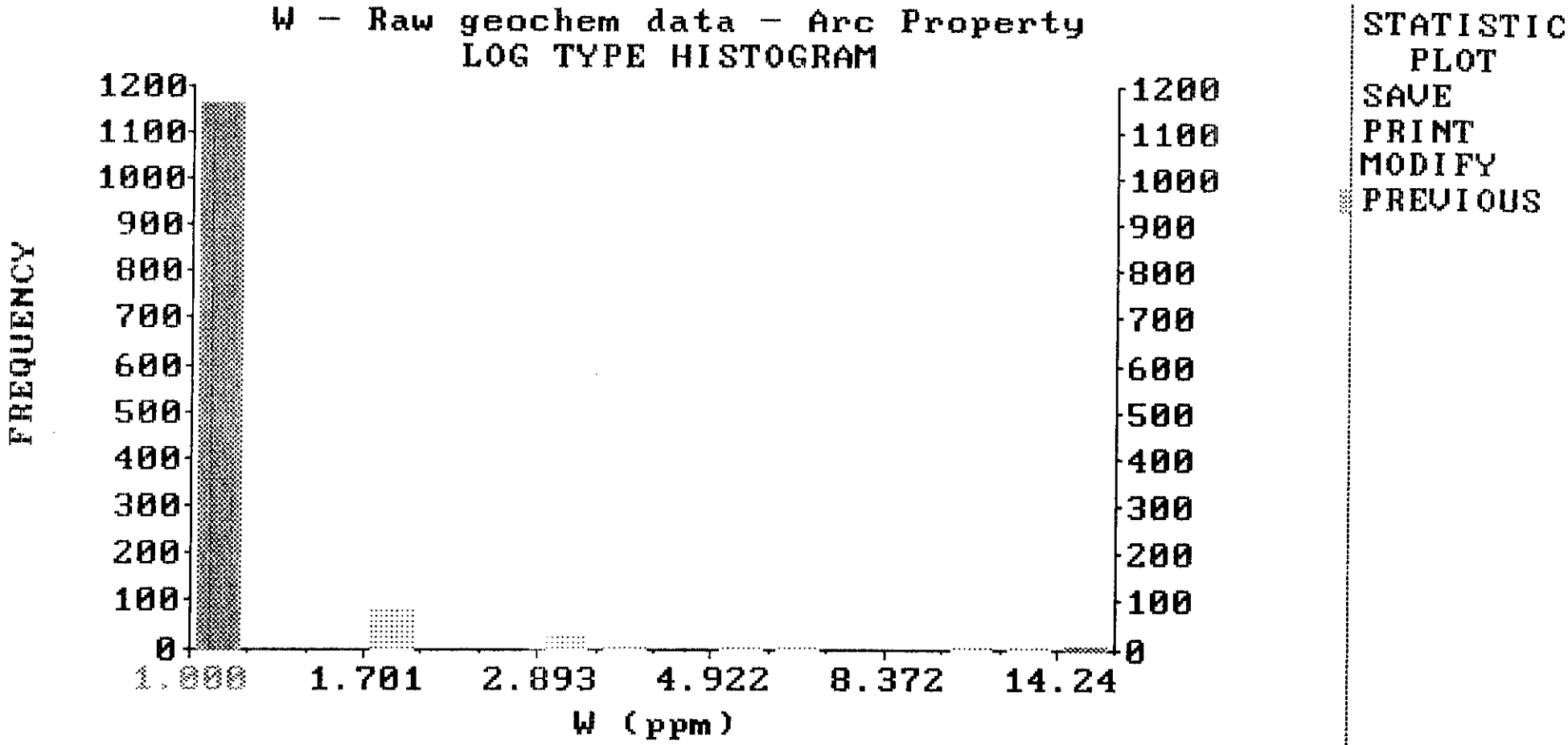
CLASSICAL STATISTICS AND HISTOGRAMS

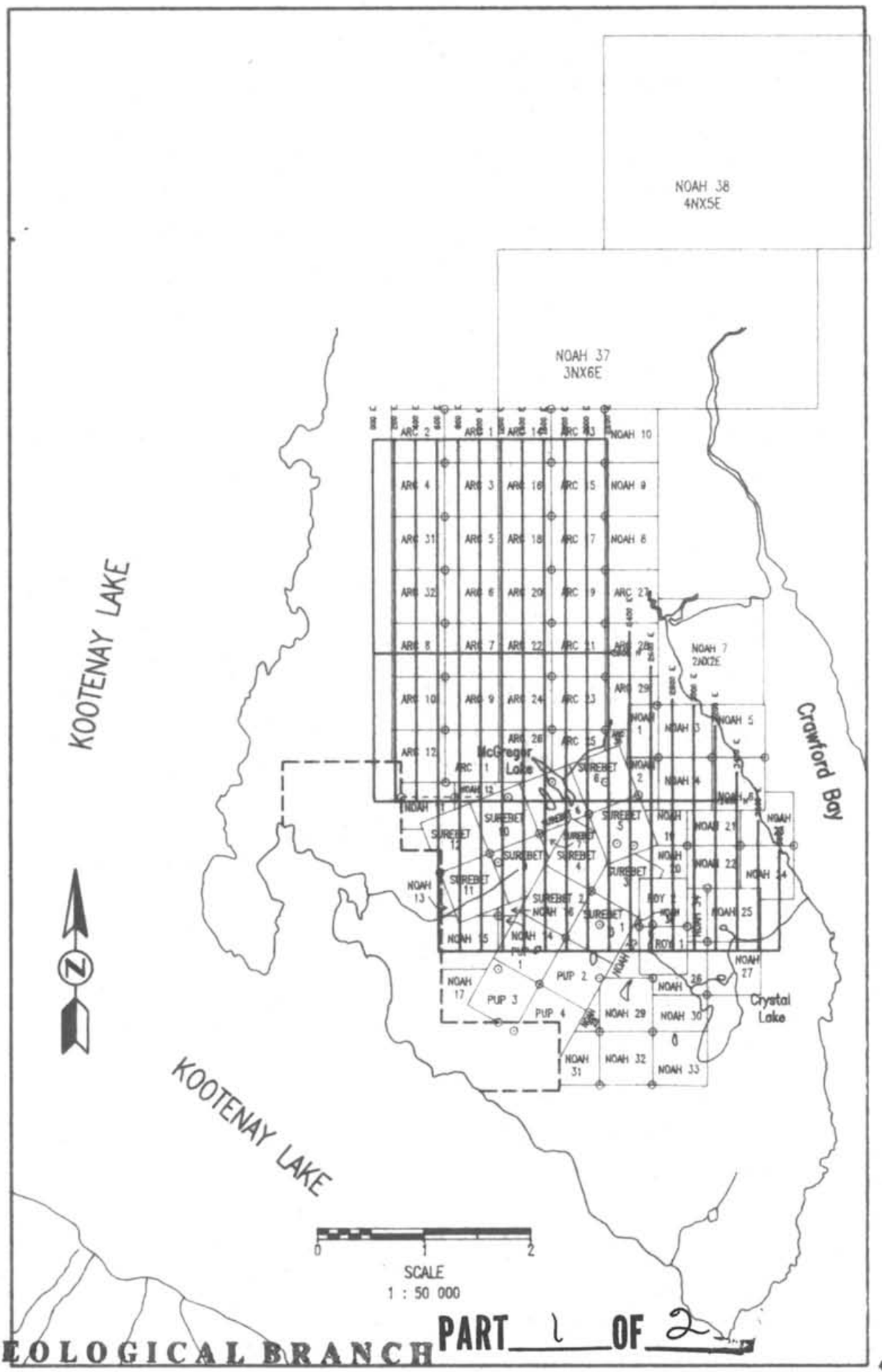
EXTRACTION FILENAME : c:\arc\arcw.mex
DATA DESCRIPTION : W values for statistical analysis
USER DESCRIPTION : W - Raw geochem data - Arc Property

FREQUENCY DISTRIBUTIONS

LOGARITHMIC CLASS INTERVAL >= FROM	< TO	<-INCREMENTAL-> COUNT	MEAN (GM)	< UPPER BND <-----INCREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT	>= LOWER BND <-----DECREASING-----> CUM COUNT	CUM MEAN (GM)	CUM FREQ PERCENT
1.000	1.194	1160	1.000	1160	1.000	90.91	1276	1.084	100.00
1.194	1.425	0	.000	1160	1.000	90.91	116	2.431	9.09
1.425	1.701	0	.000	1160	1.000	90.91	116	2.431	9.09
1.701	2.031	80	2.000	1240	1.046	97.18	116	2.431	9.09
2.031	2.424	0	.000	1240	1.046	97.18	36	3.751	2.82
2.424	2.893	0	.000	1240	1.046	97.18	36	3.751	2.82
2.893	3.454	27	3.000	1267	1.069	99.29	36	3.751	2.82
3.454	4.123	1	4.000	1268	1.071	99.37	9	7.332	.71
4.123	4.922	0	.000	1268	1.071	99.37	8	7.908	.63
4.922	5.875	3	5.000	1271	1.075	99.61	8	7.908	.63
5.875	7.013	1	6.000	1272	1.076	99.69	5	10.413	.39
7.013	8.372	0	.000	1272	1.076	99.69	4	11.951	.31
8.372	9.994	0	.000	1272	1.076	99.69	4	11.951	.31
9.994	11.930	2	10.000	1274	1.080	99.84	4	11.951	.31
11.930	14.241	1	12.000	1275	1.082	99.92	2	14.283	.16
14.241	17.000	1	17.000	1276	1.084	100.00	1	17.001	.08

NB : (GM) - GEOMETRIC MEAN


W - Raw geochem data - Arc Property
LOG TYPE HISTOGRAM
FREQUENCY
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1.000
1.701
2.893
4.922
8.372
14.24
W (ppm)
STATISTIC
PLOT
SAVE
PRINT
MODIFY
PREVIOUS



PART 1 OF 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,216

Kokanee Explorations Ltd.

Noah/Arc/Surebet/Pup Claims

NTS: 82F/10W

Date: 92/03/03

GEOCHEM GRID LOCATION

KOOTENAY LAKE

KOOTENAY LAKE

CRAWFORD BAY

512000

5496000

SCALE
1:10,000

0 250 500 1000

+19 Geochem station with value in ppm

130 Interpretted geochem contour in ppm

512000 5496000 UTM reference coordinate

N

Arc Property

Soil Geochemistry
Zn Values
And Interpretted Contours
PART Conf.

Kokanee Explorations Ltd.

Drawn by: DPM Traced by:
Revised by: Date:
Revised by: Date:

Scale: 1 : 10000 Date: 92/02/05 Plate:

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,216

KOOTENAY LAKE

CRAWFORD BAY

KOOTENAY LAKE

000 E 200 E 400 E 600 E 800 E 1000 E 1200 E 1400 E 1600 E 1800 E 2000 E 2200 E 2400 E 2600 E 2800 E 3000 E 3200 E 3400 E 3600 E

4800 N 2800 N 1400 N 000 N

512000

5496000

N

0 250 500 1000

SCALE
1:10,000

+19 Geochem station with value in ppm

130 Interpretted geochem contour in ppm

512000
5496000 UTM reference coordinate

Arc Property

Kokanee Exploration Ltd.

Drawn by: DPM		Traced by:	
Revised by:	Date	Revised by:	Date

Soil Geochemistry
Cu Values
And interpretted Contours

PART 1 OF 2

Scale: 1 : 10000 | Date: 92/02/05 | Plate:

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,116

CRAWFORD BAY

KOOTENAY LAKE

KOOTENAY LAKE

512000

5496000

Arc Property

Drawn by: DPM | Traced by: | Date:
Revised by: | Date: | Revised by: | Date:

Soil Geochem
Pb Values
And Interpretted Contours

Scale: 1 : 10000 | Date: 92/02/05 | Plate:

PART 1 OF 2 PARTS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,922

SCALE
1:10,000
0 250 500 1000

+19 Geochem station with value in ppm

130 Interpretted geochem contour in ppm

5496000 / 512000 UTM reference coordinate

N