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ASSESSMENT REPORT ON THE
ROCK SAMPLING SURVEY OF THE
THREE MINERAL CLAIM GROUPS
IN THE EUREKA PROPERTY

CARIBOO MINING DIVISION

N.T.S. 93A/7

LATITUDE $52^{\circ}18' N$
LONGITUDE $120^{\circ}38' W$

by

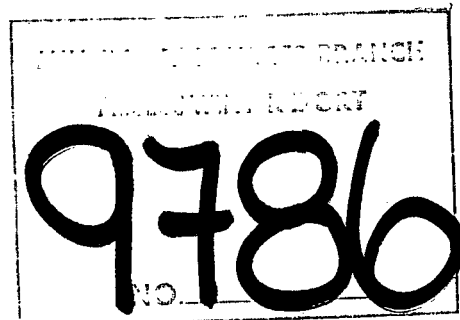
ALAIN CHEVALIER, M.Sc.

OWNER: E. Scholtes, R.J. Carson, UMEX Inc.

OPERATOR: UMEX Inc.

WORK DATES: July 14-28/81 & September 12-24/81

DATE: November 26, 1981



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INTRODUCTION

The Eureka Property, totalling 125 units, was discovered and staked by prospector E. Scholtes in 1958.

Previous work on the property has been done by Helicon Exploration (1965-66), Mr. H. Travis (1969), Amax (1970), Rio Tinto (1972) and Noranda (1974).

The claims lie at an elevation of 1500 to 2430 meters between Crooked Lake and Mackay River, 70 kilometers east of Williams Lake, B.C., and within the Cariboo Mining Division (Figure 1).

Access to the claims is possible by logging road from Williams Lake or 100 Mile House by a 6 mile long 4-wheel drive dirt road and by helicopter from Williams Lake,

The slopes on the claims are steep with large cliff areas principally to the north-east of the ridge. Areas which are only accessible to experienced climbers cover a large percentage of the property.

The vegetation consists of evergreen trees in the valleys until a level of 1700 meters and then open green meadows appear.

The rock sampling which covers all the property, totalling 367 samples, was completed by Mr. E. Scholtes from the 14th to 28th of July on group EN-1 and by Mr. H. Holm and Mr. A. Chevalier from the 12th to 24th of September on group EM-2 and EM-6.

The property is divided into 3 claim groups as described below, and as shown on the accompanying claim map (Figure 2).

CLAIM STATUS

Group I - EN-1

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
EN 1	30398	1	August 5, 1981
EN 2	30399	1	August 5, 1981
EN 3	30400	1	August 5, 1981
EN 4	30401	1	August 5, 1981
EN 5	30402	1	August 5, 1981
EN 6	30403	1	August 5, 1981
EN 14	30477	1	August 5, 1981
EN 28	30646	1	September 28, 1981
EN 29	30647	1	September 28, 1981
EN 104	30618	1	August 30, 1981
EN 105	30619	1	August 30, 1981
EN 106	30620	1	August 30, 1981
EN 107	30621	1	August 30, 1981
EN 109	30623	1	August 30, 1981
EN 129	30611	1	August 30, 1981
TOTAL UNITS.....		15	

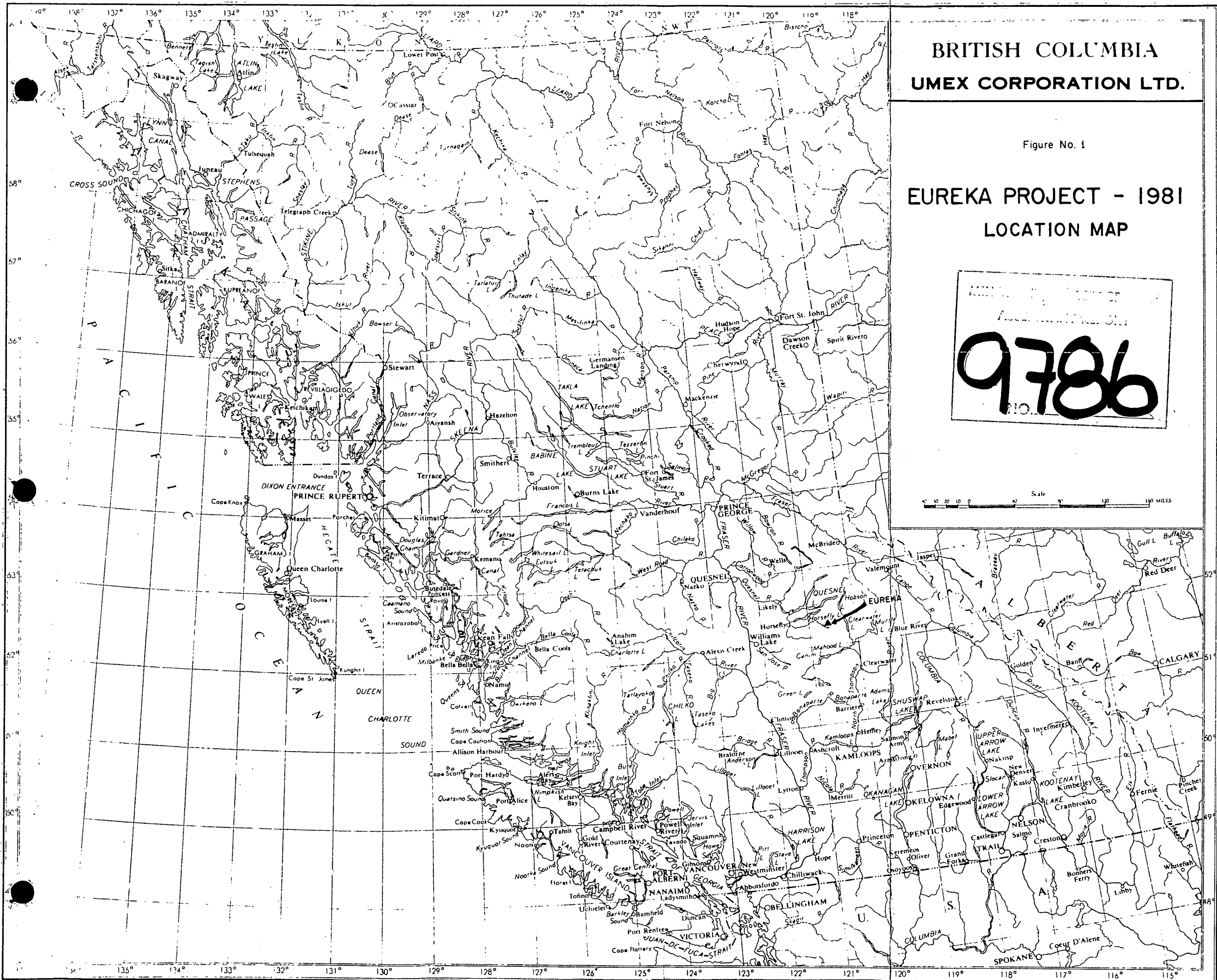
BRITISH COLUMBIA
UMEX CORPORATION LTD.

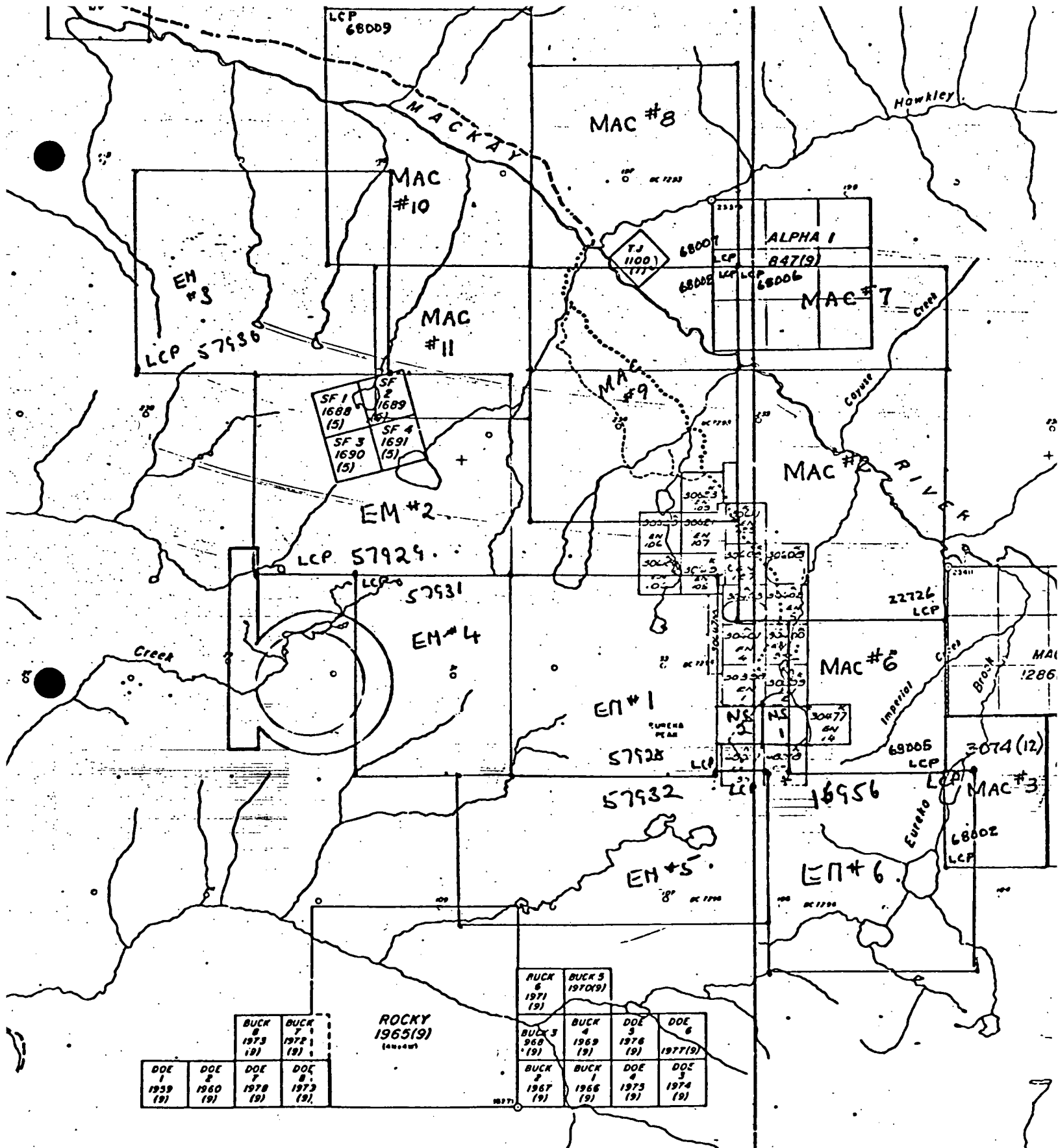
Figure No. 1

EUREKA PROJECT - 1981
LOCATION MAP

9786

Scale 0 20 40 60 80 100 120 140 160 MILES





DOE 1 1959 (9)	DOE 2 1960 (9)	DOE 7 1978 (9)	DOE 8 1973 (9)
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ROCKY
1965(9)
(continued)

BUCK 6 1971 (9)	BUCK 7 1972 (9)	BUCK 3 1969 (9)	BUCK 4 1969 (9)	DOE 5 1976 (9)	DOE 6 1977(9)
BUCK 2 1967 (9)	BUCK 1 1966 (9)	DOE 2 1973 (9)	DOE 3 1974 (9)		

FIGURE #2
CLAIM MAP
EUREKA PROPERTY

Scale: 1:50,000

UMEX CORPORATION LTD.

Group II - EM-2

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
SF 1	1688	1	May 30, 1982
SF 2	1689	1	May 30, 1982
SF 3	1690	1	May 30, 1982
SF 4	1691	1	May 30, 1982
EM 2	57929	20	March 26, 1982
EM 3	57930	20	March 26, 1982
EM 4	57931	12	March 26, 1982

Total Units ...56

Group III - EM-6

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
NS 1	3373	1	April 2, 1982
NS 2	3374	1	April 2, 1982
CS 55	48017	1	October 24, 1983
CS 56	48018	1	October 24, 1983
EM 1	57928	16	March 26, 1982
EM 5	57932	18	March 26, 1982
EM 6	16956	16	March 26, 1982

Total Units ...54

GEOLOGY

The Eureka property lies in the eastern flank of the Quesnel Trough near its contact with the snowshoe formation, a part of the late Paleozoic Cariboo group.

The Quesnel Trough, which encloses the Eureka ridge, consists of andesitic volcanics and argillitic sediments cut by an intrusive complex of intermediate to basic composition.

The area of mineralization occurs within both Triassic or Jurassic sediments and volcanics as well as within porphyritic intrusives of probable Cretaceous age. The copper mineralization on the northwestern part of the structure is reported to occur within argillites (cirque 7), whereas in the southern part of the structure the mineralization has been observed within intrusive porphyries as well as ultrabasic and basic dykes.

Complex contact relations exist between the intrusive phases, north of Eureka peak (cirque 2).

The area of the No. 2 cirque is underlain by a series of hypabyssal intrusives ranging from leucoeratic, possibly monzonite porphyry to ultrabasic rocks consisting of pyroxenes and fine grained dykes. The overall strike of the geological units appears to be NW, however the intrusive contacts were not worked out, so it is not possible to say whether or not these followed the regional direction.

Disseminated sulfides consisting of pyrrhotite, pyrite and chalcopyrite were common in varying amounts in all the rock types, although greater concentration were found in the ultrabasic units. Furthermore where the sulfides in the porphyries of acid composition were commonly found to occur as veinlets of fine disseminations, and more rarely as massive veinlets, the sulfides within the ultrabasic rocks were more commonly in the form of exsolution blebs. It could be surmised that these were of two very different origin. The sulfides occurring within the acid porphyries could be related to a hypogene late event whereas the sulfides in the ultrabasic rocks could have originated as co-magnetic precipitates.

Within the acid porphyritic dyke rocks the copper mineralization became more intense in the areas where strong shearing occurred. This shearing was transverse to regional structure, having an approximately E-W direction, and dipping steeply to the north. Also associated with these shears one finds the occasional narrow quartz vein which was mineralized in places. The porphyries were subject mainly to phyllic alteration (sericite) although locally propylitic alteration was also found to occur (epidote, pyrite).

Some of the more intermediate intrusive rock types have undergone incipient serpentinization over a distance of over 100 meters in the SE part of cirque 2 (location of EN-4) where abundant crosscutting ferromagnesian veinlets were found to occur.

On the southern part of the No. 2 cirque there occurs a pyroxenite dyke or plug having a length of at least 100 meters, which contained abundant cpy and po. This dyke or plug would be related to the thick unit of ultrabasic occurring in the NE, running parallel to the porphyry units over a considerable distance. This large serpentinite sill or dyke may be correlatable to unit 9a, which has been tentatively classed as pre-Triassic on the G.S.C. map although this unit had not been mapped on Eureka Mountain.

Another rock type that is commonly found on the property, although usually devoid of mineralization is an augite porphyry that occurs abundantly on the northern side of cirque No. 2.

ANALYTICAL PROCEDURES

The rock samples were submitted to Acme Analytical Laboratories in Vancouver, B.C.

On the rock samples two analytical procedures were employed, namely a multi-element analyses by ICP, and a FA-AA procedure for determining gold.

Multi-Element ICP

Digestion of Sample

0.5 gram samples are digested with hot aqua regia for one hour and the sample is diluted to 10 ml. The diluted sample is aspirated by ICP and the analytical results are printed by Telex, either in percent or ppm. The digestion employed in this procedure is partial for Al, Ca, La, Mg, P, Ti, W and only minor amounts of Ba is dissolved.

Geochemical Analyses for Au

10.0 gram samples that have been ignited overnight at 600°C are digested with hot diluted aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone. Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit - 5 ppb direct AA and 1 ppb graphite AA).

RESULTS

Arsenic

Assay results are between 1 and 1250 ppm. Statistical analysis defines a background population below 20 ppm. Values above 20 ppm are anomalous.

Molybdenum

Assay results are between 1 and 1253 ppm. Statistical analysis defines a background population below 12 ppm. Values above 12 ppm are anomalous.

Lead

Assay results are between 1 ppm and 3%. Statistical analysis defines a background population below 40 ppm. Values above 40 ppm are anomalous.

Zinc

Assay results are between 1 ppm and 2%. Statistical analysis defines a background population below 30 ppm. Values above 30 ppm are anomalous.

Copper

Assay results are between 8 ppm and 3%. Statistical analysis defines a background population below 100 ppm. Values above 100 ppm are anomalous.

Silver

Assay results are between 0.1 ppm to 54 ppm. Statistical analysis defines a background population below 0.9 ppm. Values above 0.9 ppm are anomalous.

Gold

Assay results are between 5 ppb to 7800 ppb. Statistical analysis defines a background population below 50 ppb. Values above 50 ppb are anomalous.

CONCLUSIONS

The property may have potential for porphyry Cu, as well as Cu-Au.

Detailed mapping and extensive rock sampling is recommended especially in areas of difficult access.

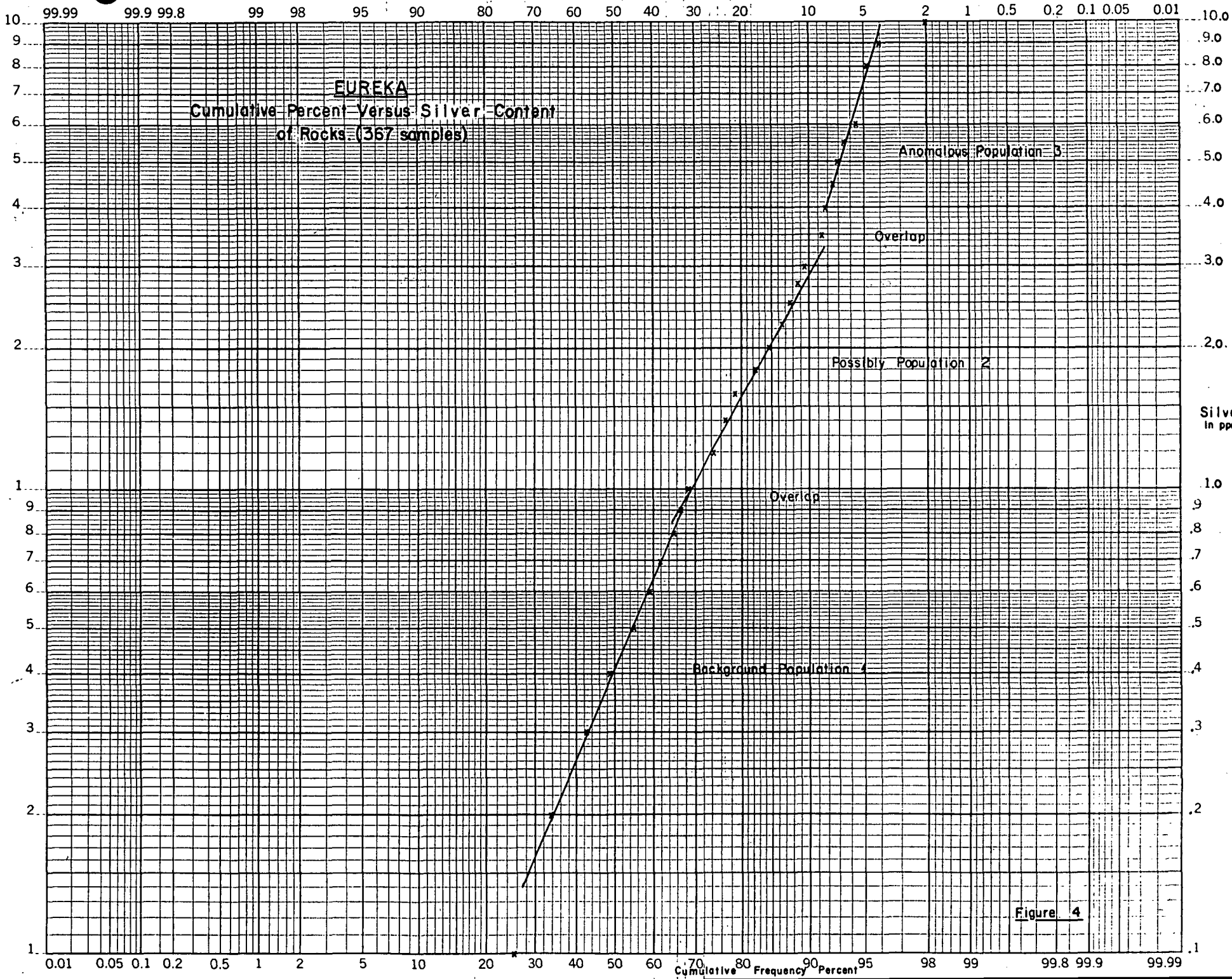
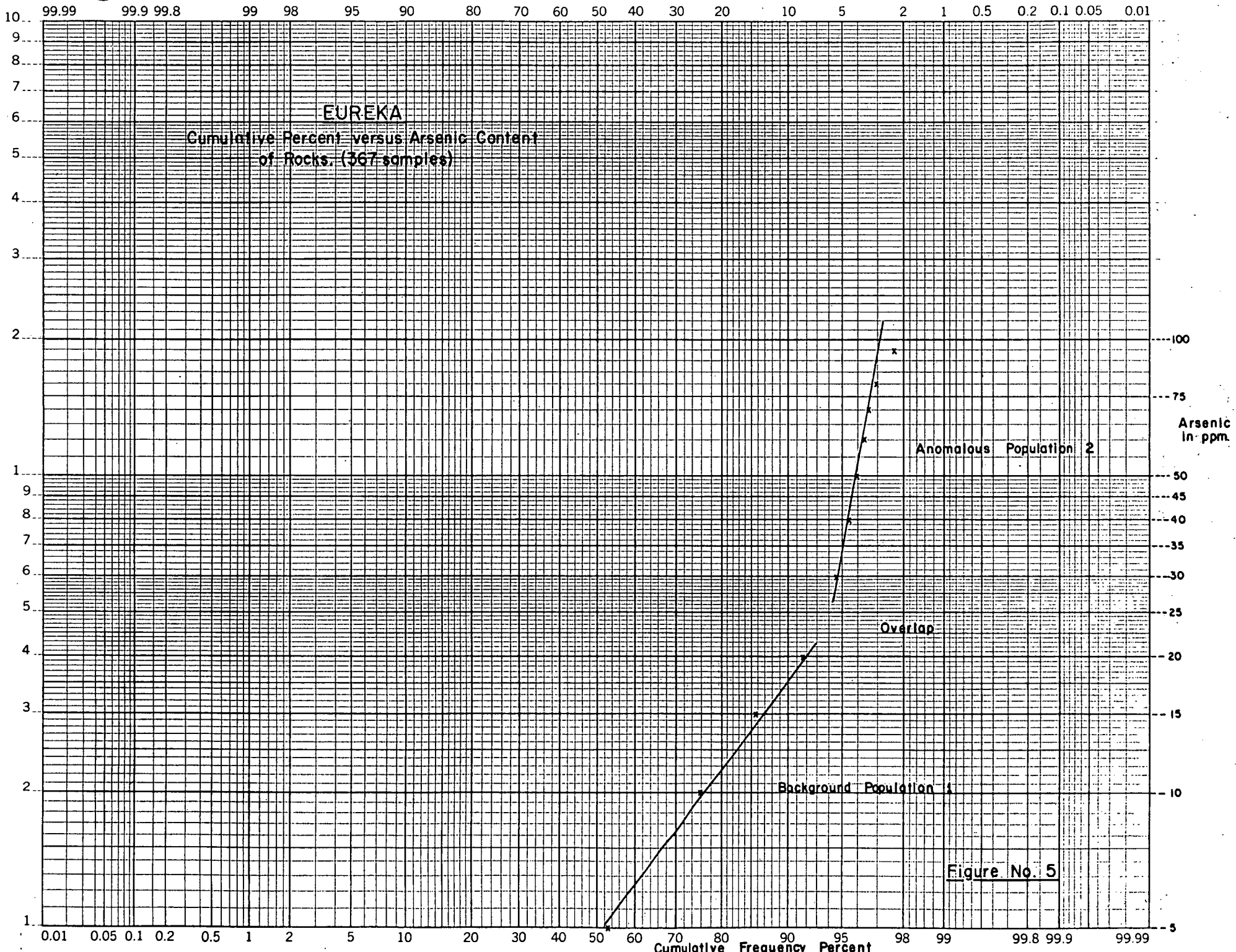


Figure 4



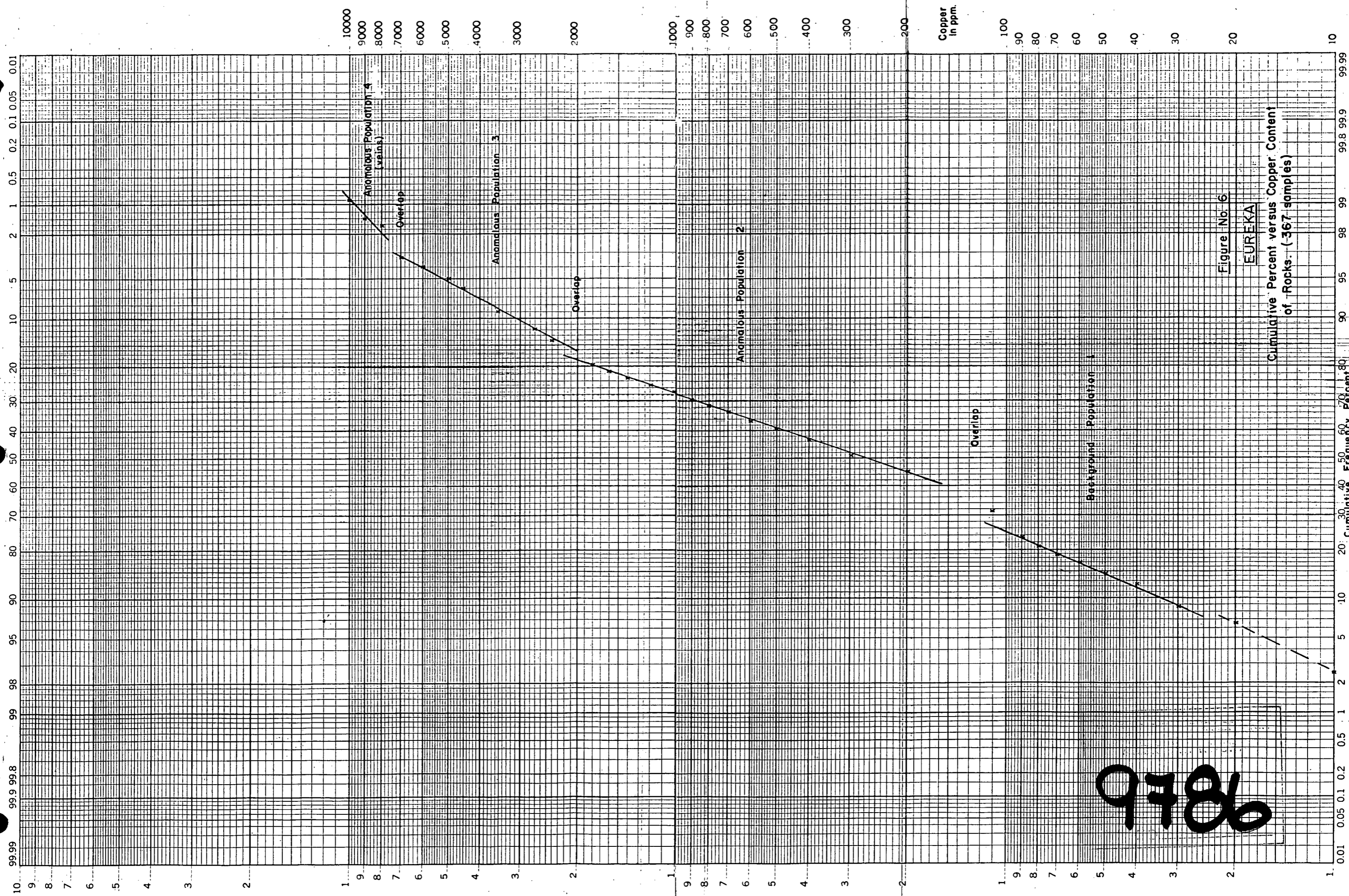
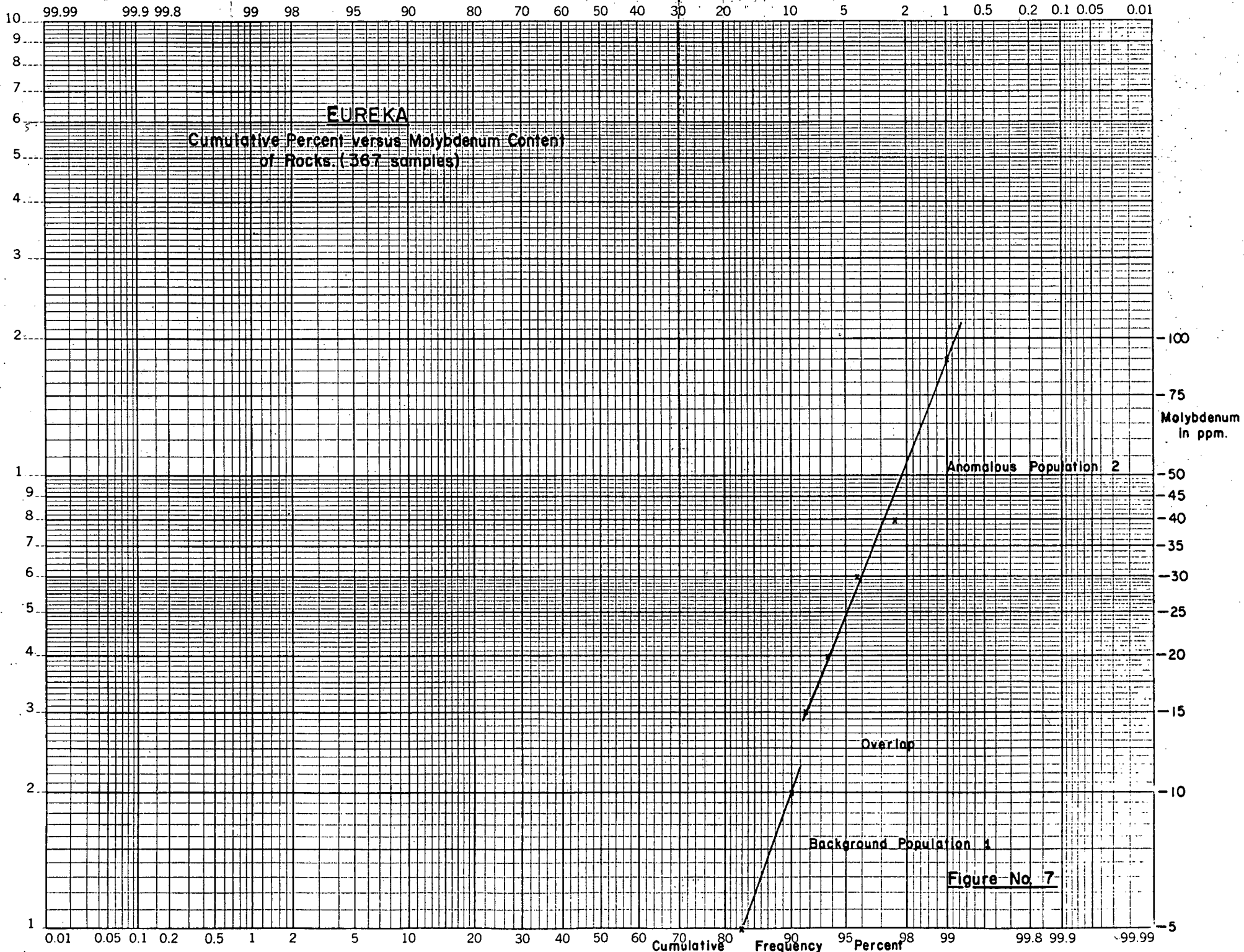
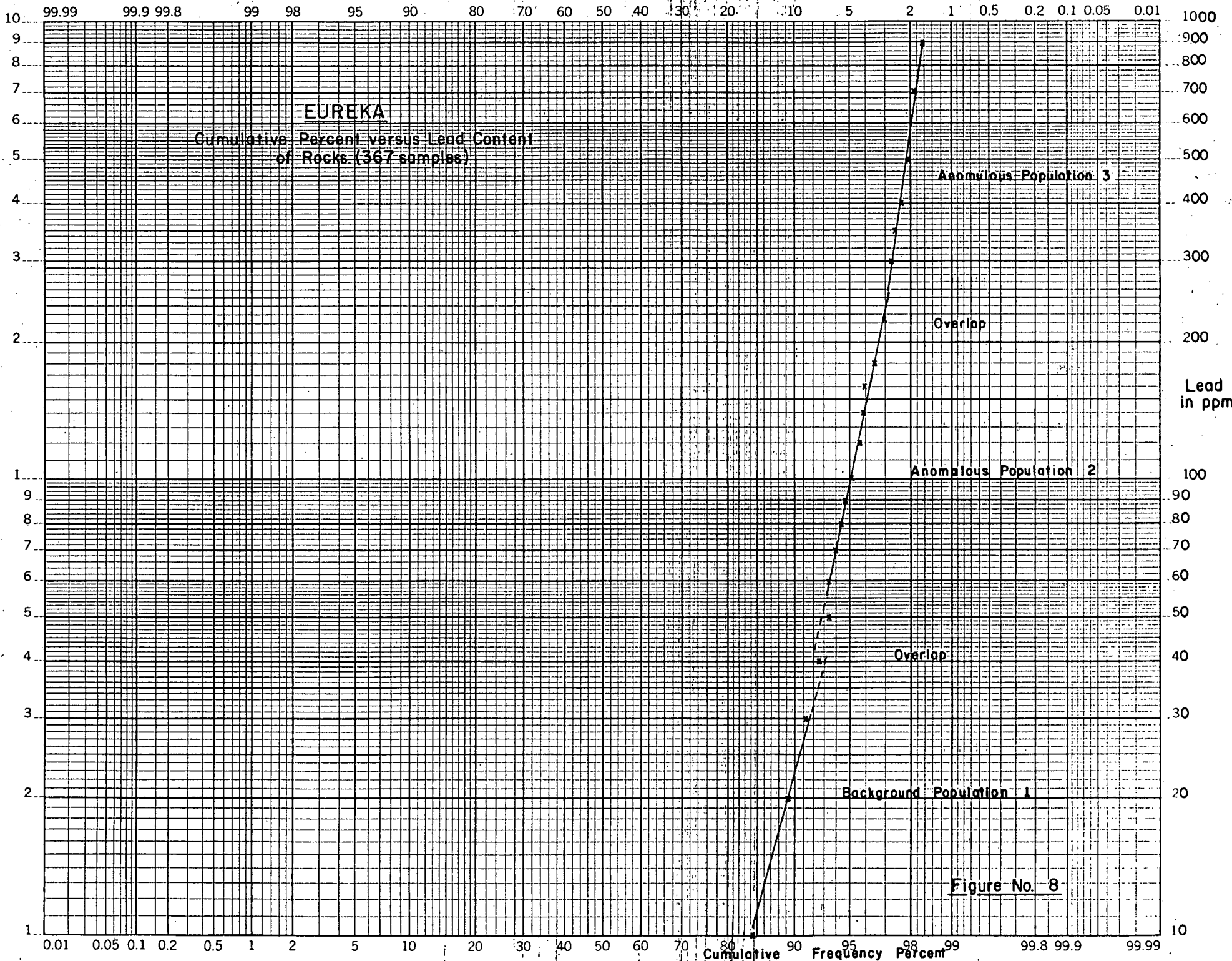
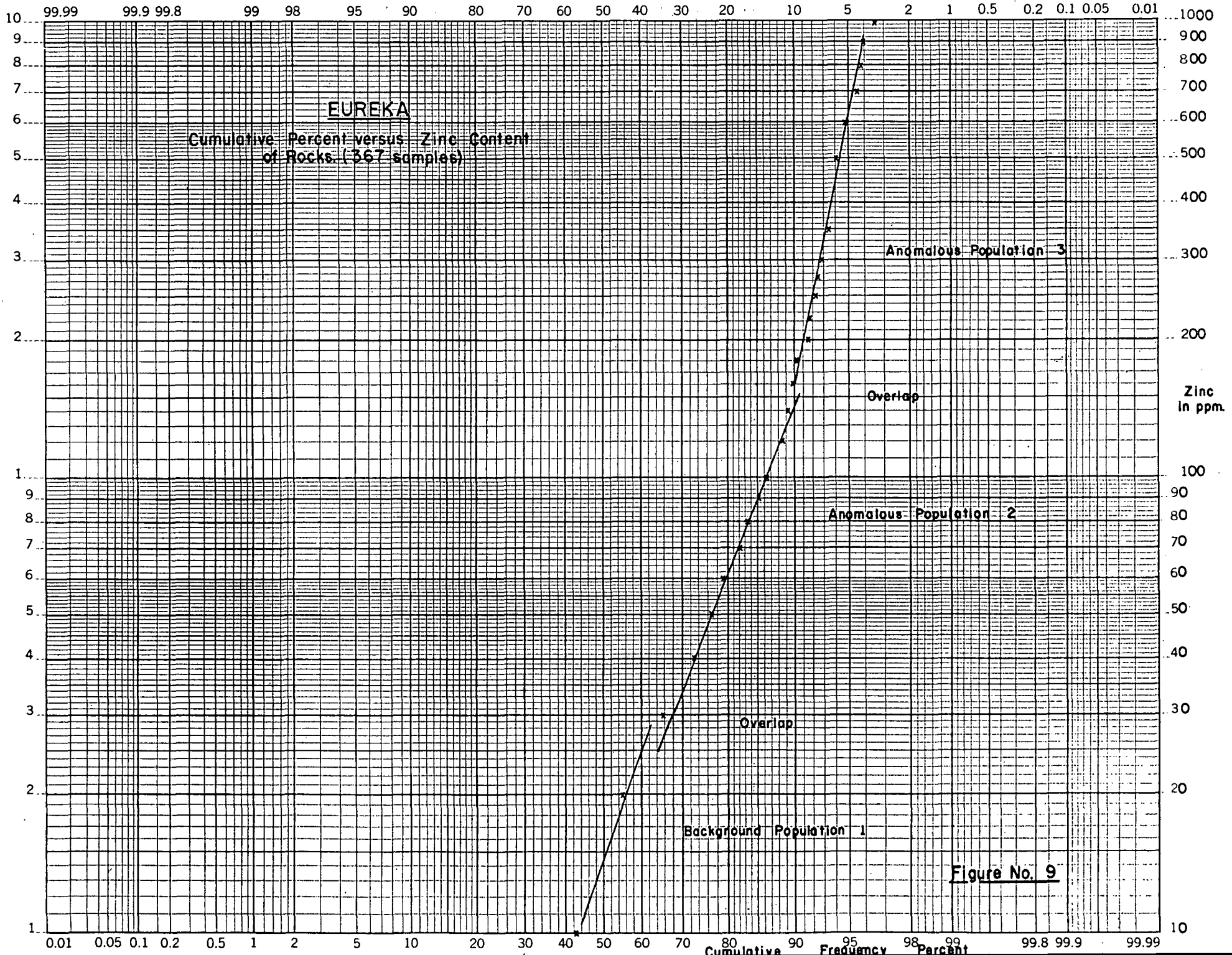


Figure No. 6
EUREKA
Cumulative Percent versus Copper Content
of Rocks. (367 samples)







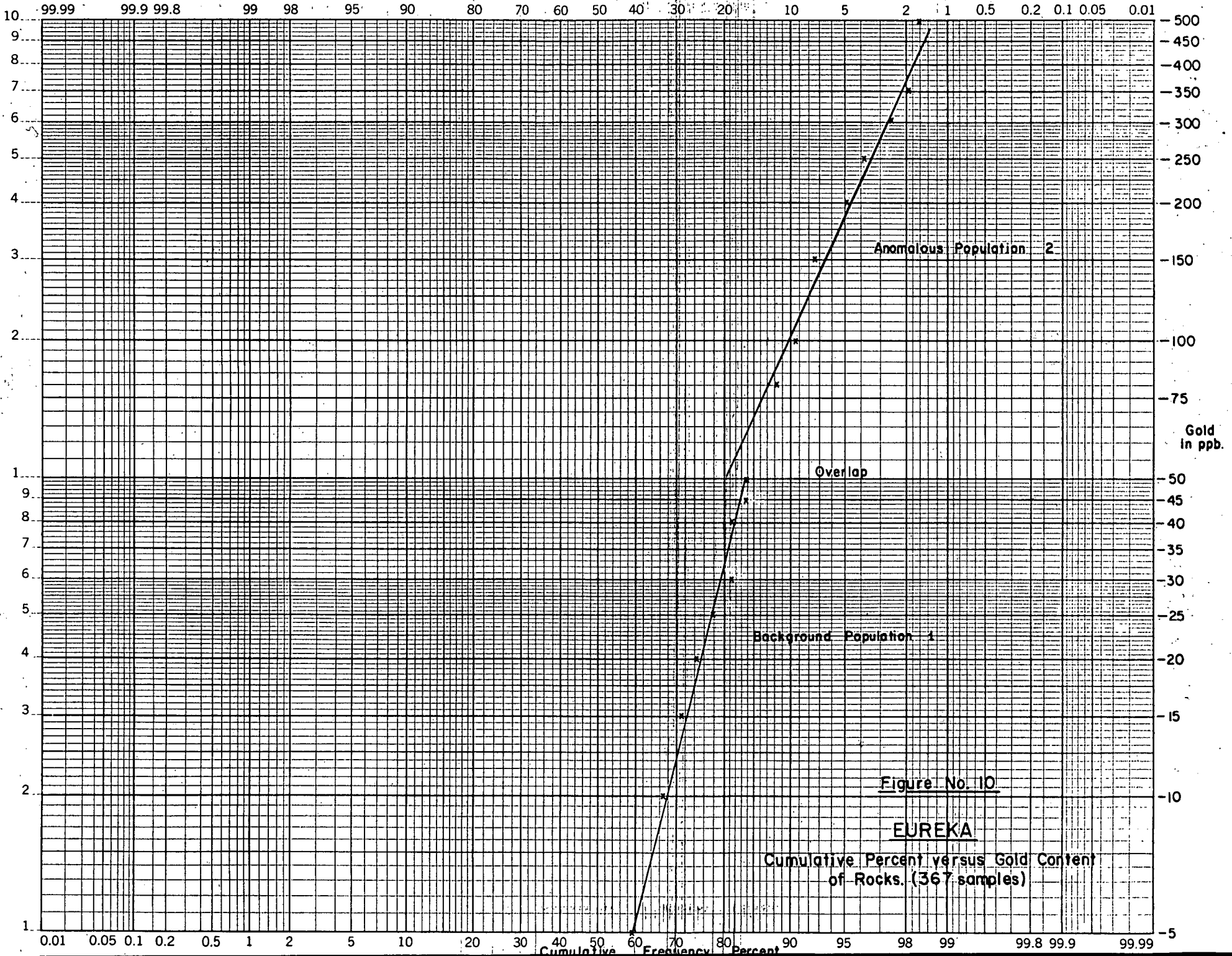


Figure No. 10
EUREKA
Cumulative Percent versus Gold Content
of Rocks. (367 samples)

A P P E N D I X I



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V5G 1H4

852 E. Hastings St., Vancouver, B.C. V6A 1R6

phone: 253 - 3158

FURFKA

P.O. 135668

File No. 81-0858

Type of Samples Rock

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

1

SAMPLE No.	Mo	Cu	Ag	As	Au	Pb	Zn	Sb				
38602 B 201	1	4000	2.3	8	.040	9	9	3				1
38603 202	1	280	.1	66	.005	5	56	2				2
38604 203	1	260	.4	34	.010	7	81	2				3
38605 204	1	660	.2	16	.005	5	3	2				4
38606 - 205	1	14000	14.7	96	.190	105	2710	5				5
38607 206	1	750	.5	5	.010	4	27	2				6
38608 207	1	640	.3	8	.010	6	29	2				7
38609 208	1	445	1.8	6	.015	229	263	77				8
38610 209	3	1565	1.4	12	.015	8	17	2				9
38611 210	1	1405	1.6	13	.020	52	8980	2				10
38612 211	1	2570	14.5	9	.065	5880	6480	6				11
38613 212	1	7070	15.6	24	.180	186	696	8				12
38614 213	1	200	1.4	36	.010	34	67	2				13
38615 214	2	4250	+30.0	28	.680	+1%	+12000	2				14
38616 215	1	2195	9.7	42	.065	75	119	2				15
38617 216	3	1720	1.6	23	.020	390	457	2				16
38618 217	1	+17550	8.3	27	.120	30	216	10				17
38619 218	2	410	.1	25	.005	24	27	2				18
38620 219	1	345	.1	23	.005	5	18	2				19
38621 220	3	7460	9.0	49	.045	15	326	2				20
38622 221	2	3635	2.2	12	.025	12	45	2				21
38623 222	2	8755	9.9	9	.150	860	8350	2				22
38624 223	1	630	1.7	13	.005	185	6190	2				23
38625 226	1	5425	.6	5	.035	33	195	2				24
38626 225	2	830	.8	26	.010	10	59	2				25
38627 227	5	630	.1	5	.005	5	6	2				26
38628 228	1	395	.3	11	.005	5	14	2				27
38629 229	1	715	.6	17	.005	9	18	2				28
38630 230	1	480	.1	21	.005	5	20	2				29
38631 231	2	4765	2.0	13	.040	10	33	2				30
38632 232	1	2120	.7	9	.015	9	23	2				31
38633 233	1	8485	2.9	10	.120	12	100	2				32
38634 234	1	835	.7	6	.040	9	18	2				33
38635 235	1	187	.2	21	.005	5	28	2				34
38636 236	2	510	2.4	21	.005	7	46	2				35
38637 236A	1	280	.3	5	.010	7	23	2				36
38638 237	1	860	.2	16	.005	6	22	2				37
38639 B 238	2	2110	.8	8	.015	9	26	2				38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 25, 1981

DATE REPORTS MAILED July 30, 1981

ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



FAURET

File No. 81-0858

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Mo	Cu	Ag	As	Au	Pb	Zn	Sb				
38640 B 239	2	820	.4	11	.005	4	15	2				1
38641 224	1	265	1.2	11	.010	97	130	2				2
38642 240	26	505	.4	18	.005	7	8	2				3
38643 241	20	1730	1.0	19	.025	15	18	2				4
38644 242	9	162	.5	5	.005	2	2	2				5
38645 243	2	545	.1	6	.005	4	12	2				6
38646 244	4	633	.2	5	.005	3	7	2				7
38647 245	5	452	.1	5	.005	2	2	2				8
38648 246	5	405	.3	4	.005	3	2	2				9
38649 247	1	1140	.4	5	.005	3	2	2				10
38650 B 248	84	930	.1	6	.005	4	1	2				11
												12
- 29828 249	4	4350	2.2	17	.200	9	2	4				13
29829 250	4	2015	.6	11	.015	4	2	2				14
29830 252	2	725	1.7	118	.195	23	33	2				15
29831 253	1	180	.1	2	.005	2	2	2				16
29832 254	233	390	.1	3	.005	5	2	2				17
29833 255	25	93	.6	7	.005	2	2	2				18
29834 256	36	1160	2.0	21	.040	39	91	2				19
29835 257	4	370	.1	3	.005	2	3	2				20
29836 258	10	495	.8	9	.015	3	2	2				21
29837 259	2	345	.3	10	.005	2	4	2				22
29838 260	6	185	.3	6	.005	5	3	2				23
29839 261	2	1095	.3	7	.005	2	13	2				24
29840 262	4	930	.3	13	.005	3	8	2				25
29841 263	3	735	.5	13	.015	3	61	2				26
29842 264	3	405	.3	3	.005	4	8	2				27
29843 265	15	413	.5	19	.005	4	20	2				28
29844 266	58	2070	.4	6	.005	6	25	2				29
29845 267	18	1215	.5	10	.005	4	2	2				30
29846 268	2	163	3.4	94	.080	3	12	4				31
29847 269	6	227	.2	4	.020	6	10	2				32
												33
												34
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												39
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ASSAYER

D. Toyer

DEAN TOYE, B.Sc.
CHIEF CHEMIST
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200 - 4299 Canada Way,
Burnaby, B.C.
V5G 1H4

EUREKA

File No. 81-0897

Type of Samples Rock

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

P.O. # 135669

1

SAMPLE No.		Mo	Cu	Ag	As	Au	Pb	Zn				
011	103	R	1	685	.1	4	.005	7	6			1
012	104		1	280	.1	2	.005	4	6			2
013	105		1	1855	1.9	9	.005	4	8			3
014	106		1	2260	.1	100	.945	23	35			4
015	107		3	97	.1	6	.005	1	1			5
016	108		3	345	.5	7	.010	5	12			6
017	270		16	1330	3.7	16	.280	5	66			7
018	271		9	600	.5	4	.010	3	6			8
019	272		8	790	.3	6	.010	2	2			9
020	273		1	3190	1.1	3	.010	4	17			10
021	274		14	5800	3.4	22	.120	6	20			11
022	275		1	16820	3.9	32	.480	16	12			12
023	276		2	2580	1.2	9	.015	2	828			13
024	277		1	18000	6.4	13	.300	62	590			14
025	278		2	6415	2.4	10	.085	8	14			15
												16
0570	279		16	915	.5	11	.010	5	52			17
0571	280		7	1578	1.2	13	.040	4	55			18
0572	281		2	280	.1	3	.085	2	8			19
0573	282		3	1320	.5	2	.005	5	29			20
0574	283		3	1185	.3	2	.010	3	36			21
0575	284		1	2250	1.5	5	.015	4	118			22
												23
3478	285		1	4975	4.6	4	.045	5	4			24
3479	286		7	3215	1.8	4	.060	4	1			25
3480	287		5	1460	1.1	4	.015	3	1			26
3481	288		3	2515	1.4	6	.035	3	1			27
3482	289		12	4085	3.3	11	.050	8	19			28
3483	290		1	2300	11.9	11	.340	4	6			29
3484	291		6	3910	2.4	3	.035	12	23			30
3485	292		16	640	.7	49	.025	12	124			31
3486	293		5	2735	.8	2	.045	5	1			32
3487	301		1	160	.1	2	.005	2	2			33
3488	302		1	445	.2	2	.010	1	4			34
3489	303		5	30300	6.3	2	1.000	1	8			35
3490	304		1	2240	1.5	2	.035	1	4			36
3491	305		5	4610	.7	3	.095	5	2			37
3492	306		4	3080	1.3	2	.065	1	10			38
3493	307	R	3	395	.1	4	.010	2	1			39
												40

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DATE REPORTS MAILED Aug. 6, 1981

ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Union Miniere Exploration & Mining Corp. 852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

FLUORITE

File No. 81-0897

Type of Samples Rock

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.		Mo	Cu	Ag	As	Au	Pb	Zn				
3494	308	R	6	1760	1.2	3	.040	2	5			1
3495	309		35	265	.1	3	.005	4	67			2
3496	310		7	205	.1	5	.005	3	1			3
3497	311		7	360	.1	6	.005	2	10			4
3498	312		7	3490	.1	27	.205	1	190			5
3499	313		5	1520	1.7	5	.010	9	4			6
3500	314		3	2230	.9	2	.005	2	1			7
												8
29848	101		2	695	.1	2	.005	4	8			9
29849	102		2	6415	5.1	20	.075	694	1437			10
												11
29856	315		12	1820	.1	2	.020	9	14			12
29857	316		5	230	.1	2	.010	15	27			13
29858	317		4	47	.1	3	.005	2	4			14
29859	318		6	300	.1	2	.005	4	3			15
29860	294		6	1130	.4	6	.015	4	1			16
29861	295		3	2480	1.0	2	.045	4	7			17
29862	296		1	3230	3.9	3	.100	1	23			18
29863	297		3	180	.2	2	.010	1	9			19
29864	298		4	225	.4	2	.005	11	7			20
29865	299		8	1830	1.0	5	.170	5	5			21
29866	2100		30	1125	1.7	20	.200	4	1			22
29867	2101		2	2010	.8	5	.030	3	1			23
29868	2102		6	2690	6.0	4	.060	4	1			24
29869	2103		36	4890	8.1	2	.210	4	18			25
29870	2104		21	1990	1.1	6	.055	1	19			26
29871	2105		7	2555	1.3	2	.085	3	5			27
29872	2106		9	17030	1.1	2	.050	17	270			28
29873	2107		1	11660	1.2	4	.080	14	68			29
29874	2108		2	14250	2.1	2	.115	3	39			30
29875	2109	R	11	677	.2	6	.020	3	2			31
												32
												33
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												35
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												37
												38
												39
												40

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All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED July 30, 1981

DATE REPORTS MAILED Aug. 6, 1981

ASSAYER *D. Toyer*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Union Miniere Exploration & Mining Corp.,
200 - 4299 Canada Way,
Burnaby, B.C.
V5G 1H4

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone: 253 - 3158

P.O. # 135670

File No. 81-0920

Type of Samples Rock

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Williams Lake, B.C.

SAMPLE No.	Mo	Cu	Pb	Zn	Ag	Au	As					
013051 501	1	159	5	3	.1	.005	6					1
013052 502	1	64	6	24	.1	.005	9					2
013053 503	1	276	3	6	.1	.005	5					3
013054 504	1	1060	2	2	.1	.005	2					4
013055 505	18	247	3	2	1.1	.005	15					5
013056 506	1	922	22	577	10.9	.200	15					6
013057 507	4	3300	7	30	27.0	.730	95					7
013058 508	1	1090	2	21	8.9	.290	170					8
013059 509	1	2380	11	52	8.5	.200	2					9
013060 510	30	320	9	1235	1.1	.005	13					10
013061 511	1	151	15	31	1.2	.015	5					11
013062 512	1	338	9	31	1.3	.145	13					12
013063 513	3	2976	18	28	8.2	1.040	3					13
013064 514	4	2990	13	117	9.9	.210	2					14
013065 515	2	107	160	166	1.5	.005	2					15
013066 516	2	3185	71	65	4.4	.300	10					16
013067 517	1	4260	1680	20000	19.5	.820	320					17
013068 518	1	540	14	170	.5	.005	2					18
013069 519	4	397	3	33	1.7	.030	2					19
013070 520	1	60	8	26	.1	.005	11					20
013071 601	1	488	2	30	.4	.005	12					21
013072 602	1	1150	4	10	1.1	.005	8					22
013073 603	30	1126	1	13	2.3	.020	4					23
013074 604	25	1210	2	7	2.7	.005	2					24
013075 605	1	2065	3	33	2.2	.045	7					25
013076 606	1	250	3	5	.1	.005	12					26
013077 607	9	283	2	7	1.1	.005	5					27
013078	10	646	3	8	.3	.005	12					28
013079 608	1	456	5	20	.5	.010	8					29
013080 609	1	494	2	96	.9	.025	29					30
013081 610	14	1724	4	65	1.7	.010	7					31
013082 611	1	560	3	5	.3	.005	6					32
013083 612	120	770	7	18	.8	.005	2					33
013084 613	3	1134	1	25	1.2	.010	8					34
013085 614	1	6510	11	150	5.7	.020	2					35
013086 615	7	1026	7	1120	2.7	.020	14					36
												37
												38
												39
												40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 31, 1981

DATE REPORTS MAILED Aug. 11, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



File No. 81-0920

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	No	Cu	Pb	Zn	Ag	Au	As				
013087 616	13	565	11	48	.6	.005	11				1
013088 617	16	751	18	35	.5	.010	8				2
013089 618	62	910	4	18	2.1	.005	11				3
013090 619	1	2070	2	73	1.8	.135	2				4
013091 620	1	1800	2	280	3.3	.100	2				5
013092 621	18	813	9	62	.6	.005	7				6
013093 2114	1	1645	31	332	2.5	.020	35				7
013094 2115	12	2796	26	211	1.4	.055	35				8
013095 2116	1	7710	20	105	1.7	.025	15				9
013096 2117	1	3300	19	74	1.8	.020	9				10
013097 2118	3	4282	17	69	3.4	.080	14				11
013098 2119	2	456	7	10	.2	.010	5				12
013099 2120	9	770	9	10	3.8	.065	21				13
013100 2121	92	110	6	7	.3	.020	9				14
013101 2122	12	395	6	10	.4	.005	16				15
013102 2123	7	132	3	4	.1	.015	10				16
013103 2124	2	1060	6	9	.7	.025	15				17
013104 2125	1	352	4	13	.8	.030	24				18
013105 2126	39	1156	10	11	2.8	.035	19				19
013106 2127	2	1360	3761	2711	4.6	.290	93				20
013107 2128	1	8100	110	970	12.3	.250	1250				21
013108 2129	4	1007	26	30	.8	.015	29				22
013109 2130	1	2051	+28000	4450	+20.0	.230	2				23
013110 2131	9	1185	134	20	.7	.015	11				24
013111 2132	4	826	124	86	1.2	.140	85				25
013112 2133	12	1810	19	53	1.4	.025	11				26
013113 2134	39	3890	17	3	1.4	.065	8				27
013114 2135	1	2695	9558	8103	8.7	.180	48				28
013115 2136	11	1478	50	69	.7	.030	7				29
013116 2137	1	938	325	300	.8	.025	8				30
013117 2138	5	884	13	14	.2	.010	14				31
013118 2139	6	635	31	31	.4	.005	8				32
013119 2140	1	240	10	13	.1	.005	9				33
013120 2141	335	200	18	11	.1	.010	1				34
013121 2142	12	456	8	10	.6	.020	7				35
013122 2143	8	205	12	16	.4	.010	17				36
											37
											38
											39
											40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 31, 1981

DATE REPORTS MAILED Aug. 11, 1981

ASSAYER *SKJ*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

852 E HASTINGS ST. VANCOUVER, B.C. V6A 9R6
(604) 253-3158 TELEX 04-53124

ICP GEOCHEMICAL ANALYSES

A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID TO HYDROCHLORIC ACID TO WATER AT 90 DEG. C FOR 1 HOUR. THE SAMPLE IS DILUTED WITH WATER TO 10.0 MLS. THE RESULTS ARE REPORTED IN PPM EXCEPT FOR : FE, CA, P, MG, BA, AND AL WHICH IS IN PERCENT. THIS LEACH IS PARTIAL FOR: CA, P, MG, AL, TI, LA, AND W. VERY LITTLE BA IS DISSOLVED. IS = INTERNAL STANDARD.

*

*H0/29951 *EH-18A* UMX FILE# 81-1497 PAGE: 1
EGC

* Assay required

BURN # 1 GE16 16:15 11-OCT81

IS											
1346											
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS		<i>Am-ppm</i>
4.2	4655	13	7.3	3.20	72	156	31	11.3	2.5		<i>.085</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P		
6.2	3.7	.82	320	51	302	101	7.8	.01	.03		
LA	IN	MG	BA	TI	B	AL	IS	IS	W		
2.5	101	.15	.00	.02	17	.27	-2	9.2	7.0		

*H0/29952 *H-75A*
EGC

BURN # 1 GE16 16:16 11-OCT81

IS											
1346											
1.8	579	2.4	1.9	2.58	3.7	7.1	45	3.42	19		<i>.005</i>
2.9	1.6	1.8	924	.6	4.0	.43	15	.28	.13		
3.1	-1	.11	.00	.18	11	.17	3.4	7.1	1.6		

*0/29953 *A-42A*
EGC

BURN # 1 GE16 16:17 11-OCT81

IS											
1346											
2.0	124	.57	73	.707	44	28	286	5.49	13		<i>.005</i>
5.3	2.2	.60	836	.7	4.7	1.4	65	.24	.13		
3.1	.8	1.7	.00	.22	12	1.3	79	7.9	1.9		

*0/29954 *A-112A*
EGC

BURN # 1 GE16 16:18 11-OCT81

IS											
1346											
1.6	154	2.5	35	12	16	4.7	53	> 20.0	31		<i>.005</i>
22	13	1.9	250	2.0	4	3	9.6	.01	.05		
18	4	.06	.00	.02	59	.18	20	14	3.3		

HO/29954 (10X DILUTED) EA-112A (check)
EGC

BURN #	1	GE16	16:20	11-OCT81									
IS													
1346													
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS				
.71	18	1.0	6.3	.350	2.4	.96	11	2.86	+2				
U	IS	TH	IS	CD	SB	BI	V	CA	P				
1.6	1.3	.22	14	-.7	1.7	1.1	-.0	.00	.01				
LA	IN	MG	BA	TI	B	AL	IS	IS	W				
1.2	-.9	.01	.00	.00	8.2	.03	2.6	6.5	.98				

Au
.005
(original)

*HO/29955 A-71A
EGC

BURN #	1	GE16	16:21	11-OCT81									
1346													
1.6	57	9.0	34	.927	16	2.3	30	1.70	.14				
1.1	.67	3.6	184	-.1	1.3	1.4	10	.05	.12				
14	-.6	.09	.01	.01	7.4	.61	8.0	6.7	.63				

.005

*O/30001 H-81
EGC

BURN #	1	GE16	16:22	11-OCT81									
1346													
12	42	4.9	38	.400	18	4.7	60	2.25	5.3				
2.3	1.1	5.1	516	.12	.28	1.1	9.5	.14	.06				
6.4	-.2	.13	.00	.17	7.9	.27	8.6	6.8	.85				

.005

*O/30002 H-82
EGC

BURN #	1	GE16	16:23	11-OCT81									
1346													
.58	81	2.5	5.5	.232	1.3	1.4	70	1.73	2.5				
1.8	.91	.64	1204	-.0	.41	1.5	36	.47	.24				
3.9	.44	.25	.01	.14	8.3	.52	6.7	6.4	1.1				

.005

*O/30003 H-83
EGC

BURN #	1	GE16	16:24	11-OCT81									
1346													
6.8	729	22	114	.936	34	14	311	.946	18				
2.6	.54	2.8	2112	2.3	.17	1.6	49	4.4	.38				
13	-.5	.06	.00	.08	261	.53	21	8.9	2.3				

.005

*O/30004 H-84
EGC

BURN #	1	GE16	16:25	11-OCT81									
1346													
4.9	184	6.4	74	.223	64	16	84	1.86	7.4				
2.3	.67	.47	1323	.74	.65	.68	25	.55	.18				
4.6	-.4	.28	.01	.20	11	.57	69	6.6	.87				

.005

*

HO/30005
EGC

H-85

BURN # 1 GE16 16:25 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
1.5	82	498	857	.352	30	17	85	.931	9.4	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
4.9	.43	.43	1296	14	.46	1.5	17	.54	.14	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
2.5	-.7	.07	.00	.12	8.2	.35	17	6.0	3.6	

Am
005

*HO/30006
EGC

H-86

BURN # 1 GE16 16:26 11-OCT81

1347										
1.0	492	35	52	.873	21	33	26	2.62	-.2	
2.1	1.3	.48	862	-.0	1.7	.54	9.3	.27	.17	
2.2	-1	.05	.01	.05	9.3	.26	.59	6.5	1.6	

005

*O/30007
EGC

H-87

BURN # 1 GE16 16:27 11-OCT81

1347										
3.0	207	10	186	.352	52	33	25	2.50	2.0	
4.0	1.4	.95	971	1.6	.91	.35	24	.32	.17	
6.3	-.5	.05	.01	.17	9.5	.26	5.2	6.7	2.0	

005

*O/30008
EGC

H-88

BURN # 1 GE16 16:28 11-OCT81

1346										
2.3	101	2.6	22	.216	23	17	93	1.70	3.1	
3.1	.86	1.2	932	-.2	1.0	1.2	32	.31	.15	
4.7	-.3	.18	.01	.12	7.6	.43	9.1	6.4	.99	

005

*O/30009
EGC

H-89

BURN # 1 GE16 16:29 11-OCT81

1347										
3.9	18	2.1	7.1	.038	1.6	.29	28	.849	5.0	
2.7	.43	.87	984	.05	.32	1.2	20	.33	.15	
3.9	-.9	.05	.01	.13	4.9	.27	8.6	6.2	.63	

005

*O/30010
EGC

H-90

BURN # 1 GE16 16:29 11-OCT81

1346										
31	64	3.7	6.1	.290	8.5	.96	17	.594	2.8	
3.7	.08	3.1	495	.09	.48	1.4	91	.13	.05	
3.4	-.8	.03	.01	.16	3.6	.21	13	5.8	.68	

005

*

HO/30011
EGC

H-91

BURN # 1 GE16 16:30 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>An</i>
1.3	80	.50	33	.038	17	22	204	1.85	5.1	<i>.005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
3.4	.95	.92	1248	-.1	.79	1.5	44	.48	.16	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
5.0	.17	.49	.01	.19	7.4	.81	11	6.7	1.6	

*HO/30012
EGC

H-92

BURN # 1 GE16 16:31 11-OCT81

1346										
15	176	6.2	108	.488	37	14	18	1.60	6.2	<i>.005</i>
2.2	.75	1.5	820	1.2	.60	1.5	30	.25	.13	
3.2	.4	.04	.01	.17	7.3	.25	8.2	6.4	1.0	

*O/30013
EGC

H-93

BURN # 1 GE16 16:32 11-OCT81

1346										
1.5	209	6.3	90	.552	37	27	41	2.61	2.1	<i>.005</i>
3.2	1.5	1.1	1300	.63	1.1	.98	26	.54	.26	
5.7	.5	.07	.01	.16	10	.33	8.1	7.0	1.4	

*O/30014
EGC

H-94

BURN # 1 GE16 16:33 11-OCT81

1346										
1.8	171	.82	9.2	.236	15	6.4	38	1.24	.3	<i>.005</i>
4.4	.55	6.1	700	-.1	-.2	1.1	10	.21	.08	
7.5	.1	.02	.00	.04	5.4	.22	5.4	6.6	.72	

*O/30015
EGC

H-95

BURN # 1 GE16 16:33 11-OCT81

1346										
3.3	100	1.8	2.8	.238	15	8.5	26	1.58	2.2	<i>.005</i>
2.6	.77	.57	982	-.2	-.7	1.1	28	.33	.15	
3.7	-1.0	.06	.00	.13	6.4	.24	10	6.3	1.1	

*O/30016
EGC

H-96

BURN # 1 GE16 16:34 11-OCT81

1346										
6.0	195	5.4	20	.176	29	20	26	1.64	2.4	<i>.005</i>
1.5	.81	.75	1047	-.0	.31	1.6	16	.36	.12	
5.0	.3	.04	.01	.12	6.0	.22	4.7	6.5	.86	

*

HO/30017 H-97

EGC

BURN # 1 GE16 16:35 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
3.6	323	2.1	12	.287	95	25	28	2.08	2.0	Aw
U	IS	TH	IS	CD	SB	BI	V	CA	P	.005
4.4	.98	.65	1099	-.2	-.0	.69	20	.39	.14	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
4.6	-.8	.06	.01	.11	12	.24	14	6.7	1.1	

*HO/30018
EGC

E081-1

BURN # 1 GE16 16:36 11-OCT81

1346										
2.0	22	-.7	11	.031	10	3.9	184	.720	.28	.005
.43	.17	.47	179	-.0	-.5	1.8	.66	.04	.02	
9.7	-1	.01	.00	.00	2.7	.04	8.5	6.4	.83	

*O/30019
EGC

E081-2

BURN # 1 GE16 16:37 11-OCT81

1346										
1.8	6.7	.10	3.3	.013	4.1	.96	76	.381	.23	.005
1.1	-.0	.27	131	-.1	-.3	1.7	.68	.03	.02	
.96	-.9	.02	.00	.00	1.9	.04	8.9	5.8	.40	

*O/30020
EGC

E081-3

BURN # 1 GE16 16:38 11-OCT81

1346										
39	79	50	228	1.38	26	9.3	124	4.08	70	.005
3.1	1.3	4.2	61	-.7	4.2	.65	15	.01	.07	
14	-2	.11	.00	.00	12	.41	9.5	7.8	2.1	

*O/30021
EGC

E081-11

BURN # 1 GE16 16:38 11-OCT81

1346										
2.9	51	-.4	10	.252	17	7.5	132	.994	.23	.045
1.3	.33	.75	424	-.2	.49	1.7	1.7	.11	.01	
2.8	-2	.05	.00	.00	4.5	.13	9.5	6.2	.67	

*O/30022
EGC

E081-12

BURN # 1 GE16 16:39 11-OCT81

1346										
1.2	55	1.1	77	.452	33	18	310	3.73	.47	.045
3.9	1.6	11	1099	-.6	3.3	2.0	21	.37	.09	
32	-1	.90	.00	.01	10	1.7	23	9.3	.63	

:
*

HO/STD M-2
EGC

BURN # 1 GE16 16:40 11-OCT81

IS
1346

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>AW</i>
.98	.31	.35	186	.324	.39	15	836	2.42	7.8	<i>54</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.8	.95	1.8	1235	.77	1.9	2.2	56	.46	.12	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
8.4	-.1	.62	.02	.10	13	1.5	60	8.1	.51	

*HO/30051 EA-14
EGC

BURN # 1 GE16 16:41 11-OCT81

1346

8.4	<u>11599*</u>	1.9	12	5.87	26	33	210	1.83	5.4	<u>275</u>
4.3	.68	.08	1702	2.6	9.4	5	27	.95	.20	
2.8	-.2	.13	.00	.08	6.5	.71	-5	7.2	14	

*O/30051 (10X DILUTED) EA-14 (check)
EGC

BURN # 1 GE16 16:45 11-OCT81

1346

.80	<u>1276</u>	-.9	-.4	.590	3.1	3.7	24	.199	1.3	
1.4	.01	-.1	388	.14	.88	.79	2.8	.10	.02	
.29	-.1	.01	.00	.01	.82	.08	-.7	5.8	2.1	

*O/30052 EA-15
EGC

BURN # 1 GE16 16:46 11-OCT81

1346

.32	99	-.9	12	.017	53	15	146	1.11	-.8	<u>.015</u>
4.3	-.6	.18	1073	-.1	.31	2.4	27	.37	.01	
1.0	-.2	.85	.00	.02	4.7	.44	185	6.5	.17	

*O/30053 A-16
EGC

BURN # 1 GE16 16:46 11-OCT81

1346

1.3	<u>519</u>	22	34	3.69	30	26	79	4.81	112	<u>125</u>
4.7	1.1	.44	830	-.1	7.9	5.0	15	.23	.03	
2.8	-.2	.57	.00	.12	13	.37	165	7.5	1.2	

*O/30054 A-17
EGC

BURN # 1 GE16 16:47 11-OCT81

1346

1.3	39	2.8	18	1.11	11	24	606	7.23	120	<u>.020</u>
8.4	4.1	.53	1898	.03	2.3	1.5	47	9.0	.01	
5.5	-.1	1.3	.00	.02	16	1.2	2.9	13	2.2	

*

HO/30055 A-18
EGC

BURN # 1 GE16 16:48 11-OCT81

IS											
1346											
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	Au	
5.6	154	+1	35	2.54	18	34	267	14.5	20	.050	
U	IS	TH	IS	CD	SB	BI	V	CA	P		
5.9	5.1	1.2	947	6	36	9	167	.14	.12		
LA	IN	MG	BA	TI	B	AL	IS	IS	W		
7.4	13	1.1	.00	.18	19	1.5	20	11	3.9		

*HO/30055 (10X DILUTED) A-18 (check)
EGC

BURN # 1 GE16 16:49 11-OCT81

1346										
.32	23	+1	5.7	.111	2.6	4.3	34	1.50	1.6	
.15	.65	.16	.72	-.5	1.1	1.3	22	.02	.01	
.83	-1	.14	.00	.02	5.0	.18	2.1	6.3	.49	

*O/30056
EGC

BURN # 1 GE16 16:50 11-OCT81 A-19

1346										
.95	9799*	-.3	-.2	2.07	37	30	349	3.38	.07	.250
2.7	1.3	.24	1448	1.2	8.3	7	48	.61	.15	
3.2	-.9	1.6	.01	.15	10	1.4	72	7.7	13	

*O/30056 (10X DILUTED) A-19 (check)
EGC

BURN # 1 GE16 16:51 11-OCT81

1346										
.03	1083	+2	.81	.193	4.5	3.6	40	.371	.20	
.07	.00	.02	284	.10	1.1	1.1	5.4	.07	.02	
.32	-1	.18	.00	.02	1.2	.16	8.2	5.9	1.9	

*O/30057 A-20
EGC

BURN # 1 GE16 16:52 11-OCT81

1346										
1.6	80	+2	12	.334	51	45	110	4.16	20	.235
4.3	2.4	.21	1166	-.6	4.0	.75	52	.39	.05	
2.7	-.4	.90	.00	.26	12	.71	4.5	7.2	1.3	

*O/30058 A-21
EGC

BURN # 1 GE16 16:53 11-OCT81

1346										
.33	2126	3.0	36	1.97	18	20	903	4.49	12	.005
5.3	3.0	.50	1821	2.0	3.1	.06	165	9.3	.00	
4.6	1.6	1.8	.01	.16	14	1.6	4.1	13	4.3	

*

HO/30059
EGC

A-22

BURN # 1 GE16 16:53 11-OCT81

IS
1346

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1.5	38	-2	18	.681	29	31	96	5.98	7.1
U	IS	TH	IS	CD	SB	BI	V	CA	P
3.8	2.7	.40	1242	-1	6.4	-1	96	.41	.03
LA	IN	MG	BA	TI	B	AL	IS	IS	W
3.6	-2	.38	.00	.32	19	.40	25	7.5	1.7

Au
045

*HO/30060
EGC

A-23

BURN # 1 GE16 16:54 11-OCT81

1346

1.4	5505	.10	-8	2.84	32	30	108	4.45	8.2
3.7	2.0	.22	1495	.42	7.1	-5	76	.62	.02
3.4	-.0	.67	.00	.38	14	.55	32	7.3	7.1

.005

*O/30060
EGC

(10X DILUTED) A-23 (check)

BURN # 1 GE16 16:55 11-OCT81

1346

.07	610	-1.0	-.1	.231	3.7	3.5	13	.480	.73
1.9	.18	.05	289	.03	.56	1.1	8.6	.07	.00
.39	-1	.08	.00	.04	1.7	.06	3.7	5.8	.98

*O/RE: 30016
EGC

H-96

BURN # 1 GE16 16:56 11-OCT81

1346

5.8	206	3.8	19	.218	28	19	25	1.59	.64
2.8	.83	.83	1055	.03	.46	1.2	15	.35	.12
5.3	-.1	.04	.00	.12	6.4	.21	4.7	6.5	.82

.005

ACME ANALYTICAL LABORATORIES LTD.

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(604) 253-3158 TELEX 04-53124

ICP GEOCHEMICAL ANALYSES

A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID TO HYDROCHLORIC ACID TO WATER AT 90 DEG. C FOR 1 HOUR. THE SAMPLE IS DILUTED WITH WATER TO 10.0 MLS. THE RESULTS ARE REPORTED IN PPM EXCEPT FOR : FE, CA, P, MG, BA, AND AL WHICH IS IN PERCENT. THIS LEACH IS PARTIAL FOR: CA, P, MG, AL, TI, LA, AND W. VERY LITTLE BA IS DISSOLVED. IS = INTERNAL STANDARD.

*

*HO/30061 A-24
EGC

UMEX

FILE# 81-1497

PAGE: 2

* Assay required

BURN # 1 GE16 17:32 11-OCT81

IS

1346

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AN
1.3	542	3.4	92	.597	46	47	399	3.95	9.5	.005
U	IS	TH	IS	CD	SB	BI	V	CA	P	
3.4	2.6	.71	1428	.51	-2	-.9	78	.54	.15	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
5.0	-.2	1.5	.01	.22	9.8	1.6	38	5.8	1.5	

*HO/30062 A-25
EGC

BURN # 1 GE16 17:34 11-OCT81

1346

.53	338	2.0	39	.219	36	42	303	3.28	8.9	.005
4.5	1.8	.71	1377	.08	-2	-.2	49	.72	.17	
5.0	-.2	.96	.01	.22	11	1.3	32	5.8	1.0	

*HO/30063 A-26
EGC

BURN # 1 GE16 17:34 11-OCT81

1346

.66	343	3.7	35	.534	7.0	25	473	5.39	16	.005
5.1	3.3	.83	1458	-.0	.74	-2	65	.84	.30	
4.5	-.7	1.8	.01	.20	11	2.3	16	6.8	1.7	

*HO/30064 A-27
EGC

BURN # 1 GE16 17:35 11-OCT81

1346

.78	95	3.1	12	.407	1.6	4.8	191	3.97	8.9	.005
3.3	2.5	1.3	1544	.23	-.9	-.7	68	1.1	.47	
5.4	-.3	.99	.01	.13	7.5	1.4	3.4	6.4	1.1	

*

H0/30065 A-28
EGC

BURN # 1 GE16 17:36 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Au</i>
1.2	394	2.0	17	.377	5.0	37	237	4.10	8.4	<i>005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
5.3	2.5	1.0	1538	.15	.47	-.8	59	1.1	.43	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
6.3	-.0	.92	.01	.13	7.8	1.4	3.5	6.5	.94	

*H0/30066 A-29
EGC

BURN # 1 GE16 17:37 11-OCT81

1346										
.73	314	4.0	35	1.04	21	28	384	5.43	14	<i>005</i>
3.4	3.0	1.0	1420	-.7	2.8	-2	35	.71	.19	
2.8	-.5	.58	.01	.16	8.7	.88	12	6.3	1.3	

*0/30067 A-30
EGC

BURN # 1 GE16 17:38 11-OCT81

1346										
6.0	507	1.8	28	1.04	48	85	416	6.71	19	<i>005</i>
4.8	4.1	1.9	1787	.03	2.8	-2	62	2.9	.23	
4.9	-2	.95	.01	.14	10	1.4	11	8.5	1.9	

*0/30068 A-31
EGC

BURN # 1 GE16 17:39 11-OCT81

1346										
.96	278	3.8	29	.455	16	28	383	3.73	12	<i>005</i>
4.5	2.3	1.2	1610	.23	-.6	-.7	58	1.1	.20	
4.6	.09	.93	.00	.18	12	1.3	8.5	6.2	1.0	

*0/30069 A-32
EGC

BURN # 1 GE16 17:39 11-OCT81

1346										
.80	324	4.1	23	.439	18	26	266	3.55	11	<i>005</i>
4.1	2.2	.49	1391	.14	-.4	-.7	56	.76	.18	
3.1	.25	.85	.01	.18	8.8	1.3	5.3	5.8	.95	

*0/30070 A-33
EGC

BURN # 1 GE16 17:40 11-OCT81

1346										
1.4	151	6.0	28	.392	22	30	238	4.59	11	<i>005</i>
3.4	2.7	.54	1253	-.4	-.4	-2	37	.52	.14	
3.8	.16	.63	.01	.28	8.1	.82	17	6.0	1.0	

HO/30071 A-34
EGC

BURN # 1 GE16 17:41 11-OCT81
IS
1346
MO CU PB ZN AG NI CO MN FE AS Au
•78 203 3.0 33 •250 45 41 347 4.90 16.00
U IS TH IS CD SB BI V CA P
4.9 2.7 •46 1517 •12 -2 -2 54 •94 •07
LA IN MG BA TI B AL IS IS W
2.8 •59 1.1 •00 •33 7.9 1.1 31 6.3 •76

*HO/30072 A-35
EGC

BURN # 1 GE16 17:42 11-OCT81
1346
2.1 94 37 23 •553 12 12 270 4.62 15.00
5.2 2.6 •35 876 •.4 •38 -1 29 •26 •08
1.8 •09 •56 •01 •27 8.2 •66 14 5.7 •16

*O/30073 A-36
EGC

BURN # 1 GE16 17:43 11-OCT81
1346
2.5 8.2 •49 14 •055 4.5 2.1 132 •865 1.1.00
2.1 •42 •05 123 •.1 •01 •05 6.2 •03 •00
•24 •.4 •23 •00 •01 5.2 •23 13 3.9 •50

*O/30074 A-37
EGC

BURN # 1 GE16 17:43 11-OCT81
1346
1.1 77 7.9 59 •272 15 13 400 3.40 15.00
3.7 2.0 •37 1180 •19 -3-1 •17 51 •47 •12
2.6 1.0 1.5 •00 •28 7.4 1.2 26 5.5 •77

*O/30075 A-38
EGC

BURN # 1 GE16 17:44 11-OCT81
1346
1.5 171 3.6 39 •344 34 23 296 4.06 13.00
4.9 2.3 •68 1237 •12 -2 -.3 49 •51 •13
3.9 •63 1.3 •00 •23 7.4 1.3 34 6.0 •75

*O/30076 A-39
EGC

BURN # 1 GE16 17:45 11-OCT81
1346
1.7 51 2.5 4.5 •234 3.5 3.5 29 4.19 14.00
3.8 2.5 •73 517 •.6 -.5 -2 40 •12 •12
2.2 •.4 •14 •01 •38 8.1 •28 4.0 5.7 •80

HO/30077 A-40
EGC

BURN # 1 GE16 17:58 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Aw</i>
2.5	75	7.0	37	.228	10	12	238	3.28	11	<i>005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
3.0	2.5	.48	1048	.28	-3/	-.6	38	.29	.12	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
3.5	1.4	.85	.00	.22	9.9	.81	14	4.7	.57	

*HO/30078 A-41
EGC

BURN # 1 GE16 17:59 11-OCT81

1346										
1.6	97	1.3	109	.279	16	11	387	5.23	16	<i>005</i>
4.7	3.6	.69	1060	.44	-3/	-1.0	70	.29	.16	
5.9	1.6	1.7	.00	.33	12	1.4	31	5.9	.85	

*O/30079 A-42
EGC

BURN # 1 GE16 18:00 11-OCT81

1346										
2.1	87	5.8	77	.222	39	24	298	5.27	21	<i>005</i>
3.2	3.5	.62	1046	.53	-3/	-.8	76	.26	.11	
5.9	.44	1.9	.00	.30	14	1.5	67	5.6	1.0	

*O/30080 A-43
EGC

BURN # 1 GE16 18:01 11-OCT81

1346										
.55	528	5.5	56	.043	28	40	334	2.15	14	<i>005</i>
3.0	1.3	.24	1587	.95	-4/	.28	46	.68	.09	
4.2	.96	1.2	.00	.22	6.9	1.3	92	4.7	.72	

*O/STD M-2
EGC

BURN # 1 GE16 18:02 11-OCT81

1346										
.91	31	41	188	.269	36	16	836	2.39	13	<i>530</i>
2.7	1.6	2.5	1364	1.3	-.8	-.0	60	.46	.10	
11	1.2	.66	.02	.11	12	1.6	64	5.8	.76	

*O/30081 A-44
EGC

BURN # 1 GE16 18:03 11-OCT81

1346										
2.0	62	5.2	55	.014	22	16	384	4.28	18	<i>005</i>
3.6	2.9	.56	1422	.77	-7/	-.8	68	.50	.14	
6.4	.84	1.8	.00	.33	17	1.8	60	5.5	1.0	

HO/30082 A-45
EGC

BURN # 1 GE16 18:14 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Am</i>
.84	90	1.6	32	-.05	18	17	360	2.02	8.1	<i>OK</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
1.8	1.8	1.9	1603	.45	-2	.33	37	.70	.17	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
13	.97	.71	.01	.17	14	1.1	21	5.6	.29	

*HO/30083 A-46
EGC

BURN # 1 GE16 18:15 11-OCT81

1346										
1.4	51	2.6	17	-.03	7.9	14	178	1.70	6.3	<i>OK</i>
2.2	1.5	.63	1798	.61	-.8	-.1	41	.91	.18	
6.8	1.2	.52	.01	.18	6.0	.79	12	5.0	.11	

*O/30084 A-47
EGC

BURN # 1 GE16 18:16 11-OCT81

1346										
2.6	29	.52	2.6	.021	4.5	5.9	101	.430	-.6	<i>OK</i>
1.4	.11	-.1	498	.08	-.2	-.4	1.9	.11	.00	
.57	-.3	.01	.00	.00	2.7	.08	11	3.0	.15	

*O/30085 A-48
EGC

BURN # 1 GE16 18:16 11-OCT81

1346										
.77	27	2.8	11	-.06	4.8	.21	100	2.37	10.0	<i>OK</i>
2.7	2.0	.50	1162	.68	-.9	-1.0	52	.34	.10	
4.2	2.3	.44	.01	.27	8.0	.63	14	4.1	.15	

*O/30086 A-49
EGC

BURN # 1 GE16 18:17 11-OCT81

1346										
2.1	50	3.3	8.8	.020	5.4	9.6	105	4.41	15	<i>OK</i>
2.7	3.0	.67	639	.02	2.3	-1	38	.14	.10	
6.0	1.1	.45	.01	.36	12	.60	7.3	4.6	.21	

*O/30087 A-50
EGC

BURN # 1 GE16 18:18 11-OCT81

1346										
.49	161	4.9	34	-.04	21	28	412	2.23	10.0	<i>OK</i>
1.2	2.1	.52	2079	.86	-2	-.3	35	1.9	.15	
4.2	1.8	.63	.01	.19	9.2	1.00	8.2	5.2	.39	

HO/30088 A-51
EGC

BURN # 1 GE16 18:19 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	Au
.56	136	2.6	19	.021	8.5	17	256	2.37	9.7	.005
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.8	2.0	.46	1599	.48	-.5	-.7	31	.66	.19	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
4.3	1.9	.39	.01	.20	8.7	.80	5.1	4.2	.54	

*HO/30089 A-52
EGC

BURN # 1 GE16 18:20 11-OCT81

1346										
1.3	16	5.5	31	.074	13	19	666	2.18	4.1	.005
2.2	1.6	.00	1428	.49	-1	.26	31	.51	.01	
2.2	.71	.88	.00	.01	8.5	1.1	8.4	4.3	.55	

*O/30090 A-53
EGC

BURN # 1 GE16 18:21 11-OCT81

1346										
5.3	415	1535	573	27.8	12	11	481	7.23	324	+7.800
5.7	13	.51	2196	24	10	-2	12	2.3	.07	
7.1	3.4	.19	.01	.12	14	.40	40	7.3	.385	

*O/30091 A-54
EGC

BURN # 1 GE16 18:21 11-OCT81

1346										
2.4	180	72	160	.573	13	19	702	4.25	11	.110
2.3	3.4	2.4	1939	1.1	-.4	.13	86	1.3	.12	
11	1.5	1.3	.01	.15	12	1.7	25	6.2	.09	

*O/30092 A-55
EGC

BURN # 1 GE16 18:22 11-OCT81

1346										
1.2	183	10	82	.237	3.7	11	408	3.03	5.1	.015
2.8	2.4	.89	1361	.53	-2	-.3	48	.46	.20	
5.6	2.1	.83	.01	.15	11	1.2	7.8	4.6	.89	

*O/30093 A-56
EGC

BURN # 1 GE16 18:23 11-OCT81

1346										
1.1	85	2.7	21	.029	3.9	6.8	171	1.44	4.5	.005
2.1	1.2	1.9	1482	.31	-.5	-1.0	36	.56	.14	
7.7	1.2	.22	.01	.13	5.6	.57	5.8	4.2	.50	

HO/30094
EGC

A-57

BURN # 1 GE16 18:23 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
.58	62	4.0	28	-.01	11	11	304	2.05	4.8	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.9	1.8	.73	1763	.88	-1	-.1	59	.89	.21	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
6.1	1.8	.85	.01	.16	13	1.3	13	4.6	.31	

Au
005

*HO/30095
EGC

A-58

BURN # 1 GE16 18:25 11-OCT81

1346										
1.2	215	4.2	40	.077	29	22	349	3.23	6.2	
3.0	2.4	.66	1493	.76	-1	-.5	62	.54	.17	
6.3	2.2	1.1	.02	.19	11	1.4	48	4.8	1.1	

005

*O/30096
EGC

A-59

BURN # 1 GE16 18:25 11-OCT81

1346										
.99	85	5.8	39	.129	3.9	11	416	2.81	5.8	
1.7	2.3	.88	1435	.74	-.2	-.5	56	.49	.19	
5.5	2.4	.90	.01	.15	11	1.5	4.1	4.6	.51	

005

*O/30097
EGC

A-60

BURN # 1 GE16 18:26 11-OCT81

1346										
1.4	65	7.2	43	.041	7.2	20	517	3.05	8.0	
3.0	2.6	1.00	1573	.50	-2	-.6	74	.61	.22	
6.6	1.8	1.0	.01	.17	10	1.7	6.8	4.9	.62	

005

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*

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*HO/30098 A-61 UMEX FILE# 81-1497 PAGE: 3
 EGC

BURN # 1 GE16 18:29 11-OCT81

IS	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1346	1.2	41	15	24	.021	7.3	7.1	262	1.69	6.5
U	4.0	1.6	2.9	1760	.52	-1	-.2	58	.86	.15
LA	11	.98	.43	.01	.18	8.6	1.1	5.5	4.7	.19

Au-ppm
005

*HO/30099 A-62
 EGC

BURN # 1 GE16 18:30 11-OCT81

IS	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1346	1.7	619	5.7	41	.300	29	39	363	3.09	10
U	2.9	2.4	.98	1617	.90	-2	-.5	69	.67	.18
LA	7.0	1.1	1.2	.01	.17	10	1.6	21	5.1	1.5

005

*O/30100 A-63
 EGC

BURN # 1 GE16 18:31 11-OCT81

IS	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1346	1.4	373	2.6	45	.172	13	21	338	3.15	7.5
U	4.0	2.8	.71	1812	.96	-2	-.8	98	.95	.18
LA	6.9	.95	1.0	.00	.21	27	1.7	11	5.2	.66

005

*O/30101 A-64
 EGC

BURN # 1 GE16 18:32 11-OCT81

IS	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1346	3.5	57	5.8	38	.060	11	7.1	236	2.56	6.3
U	2.4	2.1	.91	1330	.71	-1	-1	51	.42	.16
LA	6.2	1.4	.56	.01	.24	10	1.1	24	4.3	.95

005

HO/30102 A-65
EGC

BURN #	1	GE16	18:32	11-OCT81								
IS												
1346												
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS			
3.6	179	39	201	.787	28	8.1	416	4.65	13			00K
U	IS	TH	IS	CD	SB	BI	V	CA	P			
3.6	3.2	2.9	744	1.5	.52	-1	65	.17	.14			
LA	IN	MG	BA	TI	B	AL	IS	IS	W			
14	1.4	1.1	.01	.22	14	1.7	35	5.5	.62			

*HO/30103 A-66
EGC

BURN #	1	GE16	18:33	11-OCT81								
1346												
1.1	297	7.5	7.4	.543	13	18	41	2.05	5.3			00K
3.2	1.8	.88	1687	.50	-2	-.9	45	.74	.20			
4.7	1.3	.08	.00	.15	7.4	.52	7.5	4.3	.89			

*O/30104 A-67
EGC

BURN #	1	GE16	18:34	11-OCT81								
1346												
2.7	63	6.4	24	.156	4.9	2.6	246	3.64	11			00K
3.0	2.7	1.7	1194	.36	-.0	-.8	48	.35	.17			
7.1	2.0	.56	.01	.28	11	.95	29	4.8	.32			

*O/30105 A-68
EGC

BURN #	1	GE16	18:35	11-OCT81								
1346												
5.6	63	8.6	517	2.27	51	38	2666	13.7	26			00K
3.0	6.6	4.1	412	.8	35.2	9.1	35	.02	.11			
34	7.1	.81	.04	.03	14	2.0	32	9.8	3.1			

*O/30106 A-69
EGC

BURN #	1	GE16	18:36	11-OCT81								
1346												
2.6	11	75	120	.403	5.5	4.6	850	1.46	.99			00K
1.3	.72	.16	56	2.1	.77	-.6	2.5	.01	.02			
2.1	.59	.02	.01	.01	6.5	.09	14	3.4	.06			

*O/30107 A-70
EGC

BURN #	1	GE16	18:36	11-OCT81								
1346												
1.6	3.0	90	569	1.05	11	6.3	1255	6.50	4.1			00K
3.8	3.8	3.5	385	2.7	7.2	-2	16	.07	.06			
18	.59	1.1	.04	.03	16	2.2	35	6.4	1.4			

*

HO/30108
EGC

A-71

BURN # 1 GE16 18:37 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
2.3	107	2.9	30	-.08	15	25	240	2.14	7.2	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
3.1	1.9	.30	1516	.73	-2	-.5	48	.60	.11	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
3.9	1.6	.73	.02	.23	13	1.1	14	4.3	.43	

Aw
005

*HO/30109
EGC

A-72

BURN # 1 GE16 18:38 11-OCT81

1346										
1.0	16	5.8	13	-.04	3.4	2.5	153	1.14	5.7	
1.6	1.0	.92	1409	.40	-1	-.5	33	.49	.11	
7.1	1.3	.27	.01	.18	6.6	.57	9.3	4.6	.32	

005

*O/30110
EGC

A-73

BURN # 1 GE16 18:39 11-OCT81

1346										
1.9	68	2.2	28	.090	3.6	4.7	304	4.09	11	
2.7	3.1	.60	1280	.67	-.4	-1	70	.40	.13	
6.5	2.6	1.2	.01	.32	14	1.5	9.0	5.1	.11	

005

*O/30111
EGC

A-74

BURN # 1 GE16 18:40 11-OCT81

1346										
.56	131	5.1	25	.033	23	15	243	1.62	8.3	
1.9	1.2	.41	2002	.50	-2	-.3	48	1.5	.11	
3.4	1.5	.83	.01	.19	7.6	1.2	58	4.6	.37	

005

*O/30112
EGC

A-75

BURN # 1 GE16 18:40 11-OCT81

1346										
.42	172	3.9	56	.114	20	25	528	3.72	11	
.82	3.0	.66	1827	1.2	-4	-1	97	1.1	.15	
6.1	2.6	1.6	.04	.25	11	2.0	22	5.4	-.2	

005

*O/30113
EGC

A-76

BURN # 1 GE16 18:41 11-OCT81

1346										
1.7	75	.69	35	-.00	47	20	324	2.74	6.6	
3.0	1.5	.85	1516	.78	-2	.31	65	.60	.13	
6.5	1.8	1.4	.01	.20	9.3	1.6	128	4.8	-.1	

005

:
*

HO/30114 A-77
EGC

BURN # 1 GE16 18:42 11-OCT81
IS
1346
MO CU PB ZN AG NI CO MN FE AS
1.0 54 8.5 40 .474 9.8 3.8 219 2.23 4.5
U IS TH IS CD SB BI V CA P
2.4 1.7 5.8 597 .42 -.3 -.2 23 .14 .09
LA IN MG BA TI B AL IS IS W
15 2.1 .76 .01 .17 15 .98 16 4.8 .54

*AW
005*

*HO/301105 A-78
EGC

BURN # 1 GE16 18:43 11-OCT81
1347
1.7 26 11 30 .429 4.7 .21 133 2.15 9.3
1.7 1.7 5.9 564 .61 -.8 -.3 30 .12 .08
14 1.8 .96 .01 .24 9.4 1.2 22 4.7 -.2

005

*O/30116 A-79
EGC

BURN # 1 GE16 18:44 11-OCT81
1346
4.3 17 20 79 .604 7.5 1.5 399 4.43 12
3.0 3.1 4.4 447 .66 2.8 -.9 20 .09 .07
14 .96 1.3 .02 .27 14 1.8 15 5.3 .15

005

*O/30117 A-80
EGC

BURN # 1 GE16 18:44 11-OCT81
1347
1.2 8.6 6.3 37 .310 3.9 1.1 137 1.77 8.8
1.2 1.4 6.1 690 .44 -.3 .60 27 .16 .07
24 1.1 1.1 .02 .17 8.0 1.2 30 5.2 .09

005

*O/30118 A-81
EGC

BURN # 1 GE16 18:45 11-OCT81
1347
.87 26 5.2 45 .261 15 6.3 105 1.60 8.8
1.6 1.4 4.3 651 .49 .02 -.1 15 .15 .08
11 .96 .67 .02 .16 7.6 1.00 10 4.5 .2

005

*O/30119 A-82
EGC

BURN # 1 GE16 18:46 11-OCT81
1347
2.8 36 5.1 27 1.26 1.6 1.3 118 4.65 3.8
2.1 3.1 2.8 27 .2 3.9 -.9 18 .01 .05
11 -.2 .76 .03 .02 14 1.1 10.0 5.2 .07

005

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HO/30120 A-83
EGC

BURN # 1 GE16 18:46 11-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS	Aw
1347										
1.9	21	14	48	1.09	10.0	5.1	220	3.53	4.4	005
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.4	2.4	3.4	81	-0.1	2.2	0.20	28	0.02	0.05	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
9.5	1.2	1.1	0.01	0.02	12	1.5	18	5.0	-0.1	

*HO/30121 A-84
EGC

BURN # 1 GE16 18:48 11-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS	O&K
1346										
3.5	44	8.4	37	1.89	2.3	1.9	245	7.20	7.9	0&K
3.9	4.3	3.9	116	-0.9	11.2	3.1	13	0.01	0.07	
13	-0.5	0.53	0.02	0.11	17	0.96	10	6.1	1.1	

*O/30122 A-85
EGC

BURN # 1 GE16 18:48 11-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS	O&K
1346										
3.1	79	311	129	2.69	10	5.0	651	8.27	8.3	0&K
4.5	4.4	6.2	262	-0.9	15.2	4.1	19	0.03	0.10	
27	-2	0.68	0.01	0.04	17	1.3	22	7.3	1.5	

*O/30123 A-86
EGC

BURN # 1 GE16 18:49 11-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS	O&K
1346										
2.9	232	32	737	1.80	5.1	5.2	1299	7.96	9.4	0&K
5.7	4.8	2.6	1133	3.0	12.2	3.1	20	0.27	0.05	
15	-0.2	1.0	0.03	0.06	15	2.0	40	6.9	2.2	

*O/30124 A-87
EGC

BURN # 1 GE16 18:50 11-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS	O&K
1346										
1.9	5792	42	3839	54.6	11	25	1871	5.09	58	0&K
3.2	2.8	4.2	1635	35	7.6	4.1	15	0.66	0.05	
24	3.1	0.52	0.02	0.05	14	0.99	69	6.9	18	

*O/30125 A-88
EGC

BURN # 1 GE16 18:51 11-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS	O&K
1346										
1.3	33	10	104	0.339	7.5	8.0	601	2.84	10	0&K
3.2	2.0	2.6	1326	0.79	-2	-0.2	30	0.47	0.09	
12	2.4	1.1	0.01	0.22	9.6	1.3	15	5.4	0.17	

*

HO/30126 A-89
EGC

BURN # 1 GE16 18:52 11-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>An</i>
4.7	105	9.6	125	2.16	19	3.4	168	4.53	2.4	<i>005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.6	2.6	3.7	107	.3	4.6	-1	20	.02	.07	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
17	1.2	.28	.01	.02	14	.59	28	5.6	.89	

*HO/30127 A-90
EGC

BURN # 1 GE16 18:53 11-OCT81

1346										
3.2	64	8.1	48	.550	7.4	1.7	215	2.38	8.0	<i>005</i>
2.0	1.9	5.6	433	.88	.0	.7	23	.09	.08	
12	1.2	.81	.01	.27	12	1.0	18	5.1	.03	

*O/30128 A-91
EGC

BURN # 1 GE16 18:53 11-OCT81

1346										
1.4	179	9.0	590	1.55	14	14	270	2.71	76	<i>005</i>
1.7	2.0	3.3	640	2.3	2.1	.8	38	.15	.11	
14	1.3	.39	.02	.17	13	.90	32	5.1	.76	

*O/30129 A-92
EGC

BURN # 1 GE16 18:54 11-OCT81

1346										
2.2	33	49	72	.446	23	3.1	490	2.44	8.3	<i>005</i>
1.5	1.8	4.9	673	.61	.17	.09	52	.16	.05	
16	1.2	.86	.01	.26	12	1.1	36	5.2	1.2	

*O/30130 A-93
EGC

BURN # 1 GE16 18:55 11-OCT81

1346										
2.4	137	8.1	30	1.21	3.3	.48	135	3.68	6.0	<i>005</i>
2.4	2.4	3.1	125	.2	2.6	.6	24	.02	.07	
6.3	.59	.43	.01	.18	11	.59	22	4.7	1.1	

*O/30131 A-94
EGC

BURN # 1 GE16 18:56 11-OCT81

1346										
2.1	439	6.5	32	5.08	22	39	529	6.70	11	<i>160</i>
2.9	4.6	2.7	2210	.26	5.4	2	7.0	2.3	.08	
24	.94	.07	.01	.16	16	.21	7.4	8.5	1.6	

HO/30132
EGC

A-95

BURN # 1 GE16 18:56 11-OCT81

IS
1346

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
2.8	148	3.4	8.6	.800	3.0	5.1	162	7.13	9.7
U	IS	TH	IS	CD	SB	BI	V	CA	P
3.5	4.3	3.4	605	-.9	12	-4	14	.11	.09
LA	IN	MG	BA	TI	B	AL	IS	IS	W
11	-.8	.23	.01	.23	15	.43	11	6.6	.51

Aw
005

*HO/30133
EGC

A-96

BURN # 1 GE16 18:57 11-OCT81

1346

3.1	459	3.0	2.6	1.75	1.7	1.3	57	6.08	9.4
4.3	4.0	1.5	757	-.8	8.6	-3	6.0	.16	.06
7.7	-.1	.03	.01	.24	16	.22	7.0	6.1	1.9

015

*O/30134
EGC

A-97

BURN # 1 GE16 18:58 11-OCT81

1346

1.8	116	2.0	8.4	.597	5.8	13	271	4.35	13
3.1	3.0	3.5	1530	.05	1.5	-1	5.8	.56	.12
15	.51	.08	.00	.14	13	.23	11	5.8	.95

040

*O/RE: 30111
EGC

A-74 # Rerun

BURN # 1 GE16 18:59 11-OCT81

1346

.51	132	6.9	25	-.04	24	15	247	1.66	8.2
2.5	1.1	.39	2040	.70	-2	.61	49	1.5	.11
3.5	1.6	.82	.01	.19	8.2	1.2	59	4.9	.40

005

*O/STD M-2
EGC

BURN # 1 GE16 19:00 11-OCT81

1346

.88	32	39	193	.272	36	16	846	2.41	9.7
1.6	1.5	2.5	1380	1.4	.0	.32	59	.47	.10
11	.60	.66	.02	.11	12	1.6	64	5.8	.6

540

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A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID TO HYDROCHLORIC ACID TO WATER AT 90 DEG. C FOR 1 HOUR. THE SAMPLE IS DILUTED WITH WATER TO 10.0 ML. THE RESULTS ARE REPORTED IN PPM EXCEPT FOR : FE, CA, P, MG, BA, AND AL WHICH IS IN PERCENT. THIS LEACH IS PARTIAL FOR: CA, P, MG, AL, TI, LA, AND W. VERY LITTLE BA IS DISSOLVED. IS = INTERNAL STANDARD.

*HO/30135 A-98 UMAX FILE# 81-1497 PAGE: 4
EGC

BURN # 1 GE16 5:37 12-OCT81

IS

1345	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AW-PPM
2.8	127	1.1	22	.536	3.4	3.5	106	4.54	9.3	005	
U	IS	TH	IS	CD	SB	BI	V	CA	P		
3.0	3.1	3.2	512	-.2	3.8	-1	13	.10	.11		
LA	IN	MG	BA	TI	B	AL	IS	IS	W		
8.3	.45	.17	.01	.24	14	.54	7.2	5.1	.97		

*HO/30136 A-99
EGC

BURN # 1 GE16 5:38 12-OCT81

1345

1.6	105	.46	148	.594	4.5	9.4	482	2.94	5.4	005
3.2	2.1	4.0	1070	.68	1.1	-.6	37	.30	.10	
7.9	.60	.61	.00	.13	10	.77	35	5.6	.81	

*O/30137 A-100
EGC

BURN # 1 GE16 5:39 12-OCT81

1345

2.6	677	2.2	3.6	1.06	2.6	1.6	49	5.43	7.8	010
3.2	3.6	2.1	353	-.7	5.9	-2	1.2	.06	.05	
6.2	.27	.03	.00	.19	14	.12	10.0	6.4	1.0	

*O/30138 A-101
EGC

BURN # 1 GE16 5:40 12-OCT81

1345

2.1	20	1.2	41	.069	2.3	.52	47	.741	2.0	005
1.5	.70	2.5	1100	.36	-.4	-.2	4.1	.31	.12	
6.7	-.3	.06	.00	.09	5.3	.20	7.5	4.5	.74	

HO/30139 A-102
EGC

BURN # 1 GE16 5:40 12-OCT81

IS										
1345										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	Au
2.1	41	7.7	25	.313	7.5	.27	177	1.98	10	.010
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.1	1.5	6.6	405	.47	-1	1.1	21	.09	.06	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
14	1.3	1.0	.01	.27	8.8	1.2	20	4.9	-.1	

*HO/30140 A-103
EGC

BURN # 1 GE16 5:41 12-OCT81

1345										
3.1	48	8.3	30	.481	8.6	1.4	231	2.83	8.0	.005
2.5	2.1	5.2	298	.44	.29	.20	25	.06	.07	
13	1.3	.80	.01	.23	11	1.00	22	5.0	.09	

*O/30141 A-104
EGC

BURN # 1 GE16 5:42 12-OCT81

1345										
1.4	59	5.8	25	.601	3.0	-.2	232	4.17	11	.330
2.4	2.9	3.6	93	-.1	2.4	-.9	18	.02	.05	
11	1.6	.68	.02	.23	15	1.5	10	5.0	.90	

*O/30142 A-105
EGC

BURN # 1 GE16 5:43 12-OCT81

1345										
2.5	298	2.6	2.2	.758	6.6	7.1	163	5.36	4.4	.030
4.7	3.7	1.7	1558	-.5	5.5	-2	1.4	.54	.11	
8.3	.57	.03	.00	.08	15	.28	8.9	6.3	1.1	

*O/30143 A-106
EGC

BURN # 1 GE16 5:44 12-OCT81

1345										
2.4	210	4.4	17	.486	25	12	180	2.43	5.4	.005
2.9	2.0	3.8	2097	.43	-.4	.07	9.0	1.6	.12	
12	1.2	.18	.01	.10	9.2	.39	14	6.0	1.0	

*O/30144 A-107
EGC

BURN # 1 GE16 5:49 12-OCT81

1345										
6.0	1705	2.3	7.6	3.37	19	33	70	14.4	13	.050
5.8	7.7	3.0	1420	-.4	4.2	11.1	9.2	.23	.07	
15	11.1	.14	.00	.08	16	.21	7.5	9.4	3.7	

HO/30145 A-108
EGC

BURN # 1 GE16 5:50 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1345									
.88	18	3.2	15	.021	12	17	167	.718	2.5 <i>Aw .005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P
3.7	.60	5.6	1421	.27	-.3	-.2	22	.48	.08
LA	IN	MG	BA	TI	B	AL	IS	IS	W
7.2	.01	.14	.00	.08	3.8	.50	5.9	4.2	.30

*HO/30146 A-109
EGC

BURN # 1 GE16 5:51 12-OCT81

1346									
2.1	361	2.5	22	.383	65	37	127	3.05	7.4 <i>.005</i>
3.1	2.2	.71	1405	.40	1.2	-.1	27	.46	.12
6.1	.85	.40	.01	.15	11	.60	35	4.8	.69

*O/30147 A-110
EGC

BURN # 1 GE16 5:51 12-OCT81

1346									
1.0	285	2.1	10	.254	28	28	33	1.90	2.9 <i>.005</i>
3.0	1.5	.43	1426	.61	-.3	-1	21	.48	.14
3.9	1.0	.07	.01	.15	8.1	.39	8.1	4.1	1.1

*O/30148 A-111
EGC

BURN # 1 GE16 5:52 12-OCT81

1346									
3.1	191	1.9	91	.598	74	37	153	3.86	4.7 <i>.005</i>
3.5	2.9	1.4	2079	1.0	.49	-1	22	1.5	.13
8.1	1.5	.08	.01	.12	13	.34	22	5.8	1.1

*O/30149 A-112
EGC

BURN # 1 GE16 5:53 12-OCT81

1346									
6.6	136	3.4	50	1.40	14	5.5	142	13.1	18 <i>.005</i>
4.8	7.0	1.8	843	-.9	34.2	-.9	22	.10	.09
14	-.8	.53	.01	.15	24	.71	15	8.2	2.1

*O/30150 A-113
EGC

BURN # 1 GE16 5:54 12-OCT81

1346									
2.8	180	2.8	8.8	.027	34	21	26	1.64	5.6 <i>.005</i>
3.3	1.5	1.7	1338	.47	.59	-.8	26	.42	.16
8.2	1.1	.08	.01	.23	8.5	.34	6.6	4.6	.78

*

HO/30151 A-114
EGC

BURN # 1 GE16 5:58 12-OCT81

IS

1346

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
4.1	66	2.3	5.2	.132	3.1	1.7	43	1.58	4.3
U	IS	TH	IS	CD	SB	BI	V	CA	P
2.3	1.3	1.8	1434	.29	-.6	-.6	47	.47	.26
LA	IN	MG	BA	TI	B	AL	IS	IS	W
7.6	.43	.15	.01	.18	8.9	.55	9.9	4.4	.55

An
005

*HO/30152 A-115
EGC

BURN # 1 GE16 5:59 12-OCT81

1346

6.8	220	.70	2.3	.177	40	21	35	1.34	3.8
3.3	1.0	1.8	1127	.25	-.4	-.9	50	.31	.13
7.3	.45	.07	.00	.16	14	.23	15	4.2	.49

005

*O/30153 A-116
EGC

BURN # 1 GE16 5:59 12-OCT81

1346

3.5	190	2.9	120	.329	47	14	235	3.32	6.5
4.7	1.7	.61	1137	1.4	.96	-.0	45	.31	.14
5.3	.74	.94	.01	.13	12	1.1	139	4.9	.63

005

*O/30154 A-117
EGC

BURN # 1 GE16 6:00 12-OCT81

1346

3.0	23	2.5	9.7	.061	4.1	1.6	73	.439	1.0
2.4	.35	8.5	1496	.11	-.6	-.1	7.7	.51	.03
5.6	-.4	.07	.00	.03	3.3	.15	5.6	4.1	.44

005

*O/30155 A-118
EGC

BURN # 1 GE16 6:01 12-OCT81

1346

1.3	81	.73	5.0	.263	4.6	5.8	53	.516	2.8
2.3	.50	7.6	876	.05	-.6	-.4	11	.21	.06
8.2	-.1	.04	.01	.05	2.5	.28	7.2	4.2	.68

005

*O/30156 A-119
EGC

BURN # 1 GE16 6:02 12-OCT81

1346

2.4	202	1.1	5.0	.260	21	18	35	2.58	3.7
2.7	2.0	.83	1367	.25	.41	-.8	30	.43	.15
7.4	.88	.06	.01	.16	10.0	.32	8.3	4.7	.64

005

HO/30157 A-120
EGC

BURN # 1	GE16	6:02		12-OCT81						
IS										
1345										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Au</i>
1.4	301	.90	2.6	.989	4.9	5.9	26	1.37	1.1	<i>005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
3.6	1.1	4.8	1061	.14	-.3	-.3	13	.27	.12	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
8.8	.66	.03	.01	.06	6.5	.26	4.5	4.4	.67	

*NO SAMPLES
A-121
A-122
A-123
A-124
A-125
A-126
A-127
A-128
A-129
A-130*

*HO/30159 A-122
EGC

BURN # 1	GE16	6:03		12-OCT81						
1346										
1.4	14	5.0	1.2	.076	1.7	.08	59	.615	1.9	<i>005</i>
4.6	.48	9.2	1114	.20	-.2	-.4	13	.29	.07	
9.3	-.3	.03	.00	.06	3.0	.31	5.4	4.2	.24	

*O/31008 A-1 CORE
EGC

BURN # 1	GE16	6:04		12-OCT81						
1345										
13	280	11	43	.593	2.2	20	688	4.46	33	<i>045</i>
5.4	3.6	1.1	2271	1.0	-1	.77	12	5.2	.05	
7.8	1.9	.58	.00	.03	13	.67	4.6	8.4	1.8	

*O/31009 A-2 CORE
EGC

BURN # 1	GE16	6:05		12-OCT81						
1345										
.80	2288	2.6	-.2	.224	3.1	11	65	.792	3.0	<i>010</i>
2.6	.67	2.1	1672	.59	.79	-1	27	.64	.18	
8.6	.30	.11	.01	.11	4.1	.47	1.5	4.4	2.6	

*O/31010 A-3 CORE
EGC

BURN # 1	GE16	6:06		12-OCT81						
1346										
3.2	611	2.3	1.6	.260	3.0	9.8	106	1.67	2.9	<i>015</i>
1.7	1.5	2.3	2181	.42	-.5	-.2	13	1.8	.08	
6.7	.77	.07	.01	.06	7.8	.30	2.6	5.5	1.0	

*O/31011 A-4 CORE
EGC

BURN # 1	GE16	6:06		12-OCT81						
1345										
7.0	2751	.61	-.1	.814	4.9	15	168	1.85	6.0	<i>020</i>
2.6	1.5	2.0	2213	.95	.17	-2	17	2.0	.12	
7.4	1.4	.13	.01	.10	7.9	.29	2.3	5.5	3.5	

HO/31012
EGC

A-5 CORE

BURN # 1 GE16 6:07 12-OCT81

IS										
1345										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
2.7	2131	.30	2.7	.559	4.0	13	75	1.12	3.9	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
1.9	1.00	3.1	1888	.68	.84	-.8	13	.89	.05	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
6.7	.30	.09	.01	.09	5.8	.25	2.2	4.8	2.2	

Am
155

*HO/31013
EGC

A-6 CORE

BURN # 1 GE16 6:08 12-OCT81

1345										
3.8	2232	3.2	7.6	.995	3.5	9.7	99	1.42	3.4	
2.2	1.2	3.4	2029	.84	.81	-.4	7.4	1.2	.05	
5.3	.84	.04	.00	.06	7.2	.19	2.2	5.1	2.7	

.015

*O/31014
EGC

A-7 CORE

BURN # 1 GE16 6:09 12-OCT81

1346										
.89	2566	1.7	2.7	.267	7.4	20	110	1.41	4.8	
3.4	1.1	1.7	1646	.88	.84	-2	28	.61	.16	
8.2	.48	.14	.01	.13	9.1	.44	1.6	4.5	3.2	

.020

*O/31015
EGC

A-8 CORE

BURN # 1 GE16 6:10 12-OCT81

1345										
2.2	1396	1.0	3.4	.388	3.2	8.6	75	1.03	3.1	
2.5	.84	1.7	1608	.55	.46	-.6	28	.59	.17	
7.8	.47	.17	.01	.12	4.7	.45	2.4	4.4	1.7	

.025

*O/31016
EGC

A-9 CORE

BURN # 1 GE16 6:10 12-OCT81

1346										
7.6	681	1.4	57	.488	4.7	15	287	1.71	1.9	
2.0	1.4	2.0	2244	.85	-.6	.66	27	2.1	.09	
5.7	.28	.64	.00	.05	8.6	.91	9.4	5.6	1.7	

.010

*O/31017
EGC

A-10 CORE

BURN # 1 GE16 6:11 12-OCT81

1346										
1.5	1442	2.0	33	.870	3.5	16	246	2.14	3.8	
2.5	1.8	1.9	2202	.94	-1	.26	21	1.9	.09	
7.6	1.7	.49	.00	.05	9.9	.67	5.3	5.6	2.0	

.025

*

HO/31018
EGC

A-11 CORE

BURN # 1 GE16 6:14 12-OCT81

IS										
1346										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
2.7	1729	2.6	90	1.98	2.4	12	458	1.32	15	050
U	IS	TH	IS	CD	SB	BI	V	CA	P	
1.4	1.0	3.0	2294	1.2	-0.3	-0.5	10	2.4	0.08	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
6.1	0.75	0.45	0.00	0.03	6.3	0.71	4.3	5.6	1.9	

*HO/31019
EGC

A-12 CORE

BURN # 1 GE16 6:15 12-OCT81

1346										
1.3	1089	3.0	10	0.489	3.4	14	139	1.57	6.0	025
2.8	1.3	2.1	2114	0.69	-0.5	-0.7	14	1.4	0.11	
6.1	0.67	0.22	0.01	0.07	7.1	0.47	1.8	5.0	1.8	

*O/STD M=2
EGC

BURN # 1 GE16 6:15 12-OCT81

1346										
0.97	31	35	188	0.326	34	15	801	2.24	8.1	495
2.4	1.4	2.1	1404	1.1	0.28	1.1	54	0.45	0.10	
10	1.8	0.62	0.02	0.10	13	1.5	59	5.7	0.30	

*O/RE: 30153
EGC

~~A-13 CORE~~ A-116 RERUN

BURN # 1 GE16 6:16 12-OCT81

1346										
3.6	193	0.70	120	0.291	48	15	238	3.34	4.0	005
5.2	1.6	0.66	1187	1.4	1.3	-0.4	45	0.31	0.14	
5.8	0.85	0.94	0.01	0.14	12	1.1	139	5.0	1.0	

ACME ANALYTICAL LABORATORIES LTD.

852 E HASTINGS ST. VANCOUVER, B.C. V6A 9R6
(604) 253-3158 TELEX 04-53124

ICP GEOCHEMICAL ANALYSES

A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID TO HYDROCHLORIC ACID TO WATER AT 90 DEG. C FOR 1 HOUR. THE SAMPLE IS DILUTED WITH WATER TO 10.0 MLs. THE RESULTS ARE REPORTED IN PPM EXCEPT FOR : FE, CA, P, MG, BA, AND AL WHICH IS IN PERCENT. THIS LEACH IS PARTIAL FOR: CA, P, MG, AL, TI, LA, AND W. VERY LITTLE BA IS DISSOLVED. IS = INTERNAL STANDARD.

*HO/31020 ~~12-13~~ UMAX FILE# 81-1497 PAGE: 5
EGC A-13 CORE

BURN # 1 GE16 6:33 12-OCT81

IS											
1351											
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS		As-ppm
4.2	1516	1.2	5.2	.194	3.1	14	110	1.19	3.9		.005
U	IS	TH	IS	CD	SB	BI	V	CA	P		
1.9	1.2	2.0	1828	.66	.1	.6	27	.87	.12		
LA	IN	MG	BA	TI	B	AL	IS	IS	W		
7.1	1.0	.28	.02	.14	6.6	.52	1.6	4.6	2.2		

*HO/31021 H-1
EGC

BURN # 1 GE16 6:34 12-OCT81

IS											
1351											
1.7	258	22	9.7	1.13	2.8	3.2	34	5.93	15		.005
2.9	3.9	.37	718	.1	6.82	2.1	127	.14	.01		
6.6	.1	.29	.00	.30	18	.29	24	5.0	1.1		

White coated sample

*0/31022 H-2
EGC

BURN # 1 GE16 6:34 12-OCT81

IS											
1351											
1.0	233	1.7	9.6	.053	19	26	256	1.80	8.5		.005
.63	1.7	.47	2102	.87	-1	.02	49	1.5	.15		
4.7	1.2	.86	.00	.19	8.2	1.3	14	5.2	.93		

*0/31023 H-3
EGC

BURN # 1 GE16 6:35 12-OCT81

IS											
1351											
2.2	67	1.5	22	.260	28	41	198	6.56	13		.005
2.3	4.9	.37	2028	.62	4.32	2.1	129	1.1	.03		
8.4	1.4	.87	.00	.31	17	.72	26	6.3	1.0		

*

HO/31024
EGC

H-4

BURN # 1 GE16 6:36 12-OCT81

IS

1351

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1.3	161	3.8	25	-.01	24	39	218	4.35	12
U	IS	TH	IS	CD	SB	BI	V	CA	P
3.2	3.6	.22	1714	.93	.58	-1	100	.67	.06
LA	IN	MG	BA	TI	B	AL	IS	IS	W
6.4	2.9	.98	.01	.42	16	.94	6.6	5.0	.19

AW
005

*HO/31025
EGC

H-5

BURN # 1 GE16 6:37 12-OCT81

1351

1.4	19	-1	9.7	-.09	22	22	84	5.21	13
4.0	4.0	.38	1457	.68	2.7	-2	86	.45	.02
6.9	2.0	.59	.01	.41	16	.44	14	5.1	.34

005

*O/31026
EGC

H-6

BURN # 1 GE16 6:38 12-OCT81

1351

1.6	12	2.8	23	-.11	32	49	229	5.24	13
2.8	4.4	.28	1681	.96	.84	-2	94	.60	.03
7.5	1.6	1.4	.01	.40	16	1.2	8.8	5.3	.11

005

*O/31027
EGC

H-7

BURN # 1 GE16 6:39 12-OCT81

1351

1.6	24	.64	12	.359	22	28	139	4.62	5.9
4.0	3.7	.81	1420	.30	1.4	-.8	48	.42	.21
7.4	2.1	1.1	.00	.18	16	.83	11	5.4	.25

005

*O/31028
EGC

H-8

BURN # 1 GE16 6:39 12-OCT81

1351

.42	52	1.4	14	-.10	14	35	443	1.70	11
2.9	1.9	.40	2124	1.2	3.1	1.5	44	8.1	.01
3.1	2.0	.50	.02	.22	7.9	.60	5.7	8.4	1.3

005

*O/31029
EGC

H-9

BURN # 1 GE16 6:40 12-OCT81

1351

6.5	334	1.6	7.2	.101	29	35	187	3.96	9.4
2.8	3.0	.62	1438	.60	.63	-1	35	.45	.13
6.7	1.9	.66	.01	.22	16	.76	18	4.9	.29

005

*

HO/31030 H-10
EGC

BURN # 1 GE16 6:41 12-OCT81

IS										
1351										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>AN</i>
1.7	90	1.4	4.5	.029	12	11	73	1.48	6.9	<i>005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
1.2	1.3	.48	1787	.65	-1	-.6	33	.75	.15	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
4.8	.63	.20	.01	.25	8.2	.58	19	4.0	.19	

*HO/STD M-2
EGC

BURN # 1 GE16 6:42 12-OCT81

1351										
1.2	32	39	186	.246	37	16	856	2.43	10	<i>525</i>
2.2	1.7	2.4	1465	1.2	-.3	.64	62	.48	.10	
12	2.2	.68	.02	.11	14	1.6	59	5.8	.18	

*0/31031 H-11
EGC

BURN # 1 GE16 6:43 12-OCT81

1351										
2.2	237	2.3	13	.042	30	43	194	3.53	5.6	<i>005</i>
4.0	3.1	1.0	1865	.69	-.9	.03	56	.84	.18	
8.6	1.5	1.0	.01	.21	12	1.3	10	5.3	.78	

*0/31032 H-12
EGC

BURN # 1 GE16 6:44 12-OCT81

1351										
1.2	185	.44	28	-.07	6.8	11	399	3.81	11	<i>005</i>
1.3	3.1	.57	1657	1.2	-2	-.4	81	.62	.13	
8.8	3.0	1.3	.01	.32	16	1.7	30	5.1	.71	

*0/31033 H-13
EGC

BURN # 1 GE16 6:45 12-OCT81

1351										
1.7	221	2.7	16	-.02	15	25	238	3.05	8.0	<i>005</i>
2.3	2.5	.52	1559	.66	-.3	-.1	48	.54	.15	
8.3	2.0	.93	.01	.24	12	1.1	19	4.9	1.0	

*0/31034 H-14
EGC

BURN # 1 GE16 6:45 12-OCT81

1351										
1.5	592	3.5	36	.658	7.7	11	529	4.32	6.3	<i>005</i>
3.6	3.4	1.0	1672	1.2	.39	-.8	119	.60	.12	
11	2.3	1.8	.00	.14	16	2.1	20	5.9	1.4	

*
*

HO/31041 H-21
EGC

BURN # 1 GE16 6:59 12-OCT81

IS
1351

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1.5	166	2.1	314	-.01	3.3	4.8	212	2.16	6.9
U	IS	TH	IS	CD	SB	BI	V	CA	P
2.4	2.0	.82	1569	1.1	-2	.18	45	.52	.18
LA	IN	MG	BA	TI	B	AL	IS	IS	W
6.8	1.8	.73	.01	.16	9.0	.92	6.9	4.5	.86

Au
001

*HO/31042 H-22
EGC

BURN # 1 GE16 7:00 12-OCT81

1351

.39	66	3.5	39	-.19	11	11	479	1.33	8.8
.1	1.2	.40	2298	.70	-2	.14	51	1.9	.14
5.4	1.5	.67	.01	.25	6.6	.83	21	5.1	.27

005

*O/31043 H-23
EGC

BURN # 1 GE16 7:01 12-OCT81

1351

1.5	50	-.6	60	.005	60	18	569	4.04	11
3.0	2.5	.38	1487	1.2	-2	.04	78	.45	.12
7.1	1.3	2.3	.00	.24	15	1.7	127	5.2	.28

005

*O/31044 H-24
EGC

BURN # 1 GE16 7:02 12-OCT81

1351

1.4	31	1.5	18	.048	42	17	435	4.44	5.6
4.2	3.5	.56	1408	.88	-2	.30	66	.40	.16
8.0	1.8	2.2	.00	.21	16	1.9	44	5.5	.12

005

*O/31045 H-25
EGC

BURN # 1 GE16 7:03 12-OCT81

1351

1.6	37	1.1	17	.010	8.8	22	336	4.31	5.5
3.2	3.5	1.6	1050	.35	-.6	-1	29	.26	.21
8.2	2.1	.96	.01	.25	15	.94	3.7	5.3	.52

005

*O/31046 H-26
EGC

BURN # 1 GE16 7:03 12-OCT81

1351

1.3	114	.28	22	-.27	11	11	262	1.93	8.7
1.2	1.7	.16	1471	.90	-3	-.7	52	.46	.12
5.7	1.8	.55	.01	.33	9.9	.83	21	4.2	.17

005

*

HO/31047
EGC

H-27

BURN # 1 GE16 7:04 12-CCT81

IS
1351

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
2.4	156	3.4	9.4	-0.07	6.3	5.5	118	1.69	3.1
U	IS	TH	IS	CD	SB	BI	V	CA	P
2.9	1.4	.79	1414	.47	-2	-.8	40	.43	.15
LA	IN	MG	BA	TI	B	AL	IS	IS	W
7.1	1.1	.32	.01	.19	9.6	.73	13	4.2	-.0

An
005

*HO/31048
EGC

H-28

BURN # 1 GE16 7:05 12-OCT81

1351

15	244	214	749	.424	31	30	23	3.60	4.4
2.9	2.8	1.1	1261	5.7	.85	-1.0	22	.32	.16
7.6	2.0	.05	.01	.24	17	.28	5.3	4.9	2.2

005

*O/31049
EGC

H-29

BURN # 1 GE16 7:06 12-OCT81

1351

7.2	41	3.4	37	-.03	9.5	2.8	420	3.34	5.1
3.5	2.6	1.2	1258	.75	-1	-.6	43	.33	.15
7.9	1.7	1.0	.01	.25	13	1.4	23	4.8	.11

005

*O/31050
EGC

H-30

BURN # 1 GE16 7:07 12-OCT81

1351

17	59	8.4	49	.781	7.5	1.9	296	3.32	2.7
3.6	2.6	1.7	702	.89	.63	-.5	60	.15	.13
9.0	2.0	.68	.01	.21	13	.97	15	4.6	.01

005

*O/RE: 31037
EGC

H-17 RE RUN

BURN # 1 GE16 7:07 12-OCT81

1351

33	1190	1.1	10	1.52	9.0	29	219	4.32	5.4
3.1	3.5	.75	2041	1.1	.62	-1	52	1.0	.23
8.7	2.5	.75	.01	.16	16	1.00	6.8	5.8	1.8

035

*O/31301
EGC

H-31

BURN # 1 GE16 7:08 12-OCT81

1351

15	20	11	5.4	.751	1.5	-.7	24	.746	7.4
1.4	.57	2.0	438	.49	.16	-.7	69	.08	.02
5.0	.42	.03	.01	.26	5.2	.29	12	3.2	-.0

005

*

HO/31302 H-32
EGC

BURN # 1 GE16 7:09 12-OCT81

IS										
1351										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Aw</i>
37	13	13	10	.747	1.5	-1	17	.394	7.0	<i>.005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
1.2	.05	5.3	172	.44	-.6	-.9	145	.03	.01	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
5.8	.25	.03	.01	.26	5.7	.33	9.7	3.1	-.4	

*HO/31303 H-33
EGC

BURN # 1 GE16 7:10 12-OCT81

1351										
19	20	18	5.3	.543	2.4	-1	18	.616	6.7	<i>.005</i>
3.7	.54	4.1	353	.65	-1.0	-.9	57	.07	.03	
5.6	.63	.03	.01	.28	8.1	.30	6.7	3.3	.14	

*O/31304 H-34
EGC

BURN # 1 GE16 7:11 12-OCT81

1351										
1.1	116	10	168	.512	94	21	971	2.44	5.8	<i>.005</i>
1.5	1.7	6.4	772	1.9	-2	.76	19	.16	.04	
31	2.2	1.4	.01	.24	12	1.4	18	5.6	.13	

*O/31305 H-35
EGC

BURN # 1 GE16 7:12 12-OCT81

1351										
12	145	61	1565	9.74	22	5.8	240	<u>7.27</u>	14	<u>345</u>
3.3	4.7	4.9	427	3.5	10 2	4 1	15	.06	.10	
24	-.2	.43	.01	.12	22	.75	-6	6.6	4.3	

*O/31306 H-36
EGC

BURN # 1 GE16 7:12 12-OCT81

1351										
55	4750	65	2367	37.7	33	63	230	<u>11.6</u>	215	<u>.095</u>
4.3	6.3	4.6	401	6.2	31 2	4 1	5 2	.02	.09	
26	-3	.08	.01	.08	26	.52	-62	8.4	15	

ACME ANALYTICAL LABORATORIES LTD.

852 E HASTINGS ST. VANCOUVER, B.C. V6A 9R6
(604) 253-3158 TELEX 04-53124

ICP GEOCHEMICAL ANALYSES

A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID TO HYDROCHLORIC ACID TO WATER AT 90 DEG. C FOR 1 HOUR. THE SAMPLE IS DILUTED WITH WATER TO 10.0 MLS. THE RESULTS ARE REPORTED IN PPM EXCEPT FOR : FE, CA, P, MG, BA, AND AL WHICH IS IN PERCENT. THIS LEACH IS PARTIAL FOR: CA, P, MG, AL, TI, LA, AND W. VERY LITTLE BA IS DISSOLVED. IS = INTERNAL STANDARD.

*

*HO/31307 H-37 UMX FILE# 81-1497 PAGE: 6
EGC

BURN # 1 GE16 7:26 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
1.3	101	5.1	97	.853	18	6.3	121	1.82	3.4
U	IS	TH	IS	CD	SB	BI	V	CA	P
2.1	1.5	4.9	729	1.7	-.6	.66	24	.15	.09
LA	IN	MG	BA	TI	B	AL	IS	IS	W
21	1.00	.95	.01	.11	15	1.1	14	5.0	.02

Au-ppm
.001

*HO/31308 H-38
EGC

BURN # 1 GE16 7:28 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
2.3	68	7.5	70	1.40	10.0	.98	127	1.38	5.0
1.7	1.1	6.2	623	.40	.09	.41	23	.13	.07
15	.27	.66	.01	.16	8.6	.84	24	4.6	.18

.005

*HO/31309 H-39
EGC

BURN # 1 GE16 7:28 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
-.5	17	6.3	40	.342	2.8	.76	4814	1.18	5.3
9.7	-.3	.97	620	1.1	-3	5.3	2.8	15	.01
8.7	2.2	.78	.00	.03	6.1	.62	3.4	13	1.9

.005

*HO/31310 H-40
EGC

BURN # 1 GE16 7:29 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
10	134	12	83	1.51	56	13	540	1.80	.75
.87	1.1	3.3	519	.36	.20	.12	19	.10	.02
12	1.5	.51	.01	.09	10	.66	15	4.4	.01

.005

*

HO/31311 H-41
EGC

BURN # 1 GE16 7:30 12-OCT81

IS
1351
MO CU PB ZN AG NI CO MN FE AS Au
2.7 44 5.9 13 -.04 3.1 2.8 233 1.03 2.7 .005
U IS TH IS CD SB BI V CA P
1.2 .93 .95 1564 .38 -1 -.3 30 .48 .10
LA IN MG BA TI B AL IS IS W
5.6 .96 .23 .01 .15 9.5 .37 5.9 4.3 .14

*HO/31312 H-42
EGC

BURN # 1 GE16 7:31 12-OCT81

1351
2.5 180 2.3 18 -.10 22 36 162 4.22 6.4 .005
3.9 3.7 .32 1770 1.1 .00 -.7 73 .61 .13
9.2 2.4 1.1 .01 .32 18 1.0 14 5.4 .40

*O/31313 H-43
EGC

BURN # 1 GE16 7:32 12-OCT81

1351
2.1 18 3.9 1.6 ~~30~~ 1.4 -2 15 .789 8.5 .005
.98 .78 .23 798 .73 -.9 -1 29 .17 .06
3.0 1.4 .05 .01 .39 5.7 .25 4.7 3.2 .04

*O/31314 H-44
EGC

BURN # 1 GE16 7:32 12-OCT81

1351
2.0 223 .97 45 .077 19 21 711 3.77 3.2 .005
3.6 2.9 .24 1880 .70 -.8 -.2 52 .68 .06
7.9 1.9 1.3 .00 .14 17 1.6 23 5.4 -.1

*O/31315 H-45
EGC

BURN # 1 GE16 7:33 12-OCT81

1351
5.8 136 2.1 17 -.08 39 33 214 2.65 6.9 .005
2.1 2.1 .43 1893 .81 -1.0 -.6 29 .73 .13
6.3 1.9 .46 .01 .23 14 .72 52 4.9 -.1

*O/31316 H-46
EGC

BURN # 1 GE16 7:34 12-OCT81

1351
1.0 87 3.5 33 -.14 13 13 319 1.94 3.4 .005
1.6 1.6 .47 1931 .71 -2 .50 49 .75 .15
5.9 1.2 .94 .01 .18 9.5 1.3 16 4.7 .74

:
*

HO/31317 H-47
EGC

BURN # 1 GE16 7:35 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
.79	157	.83	43	-.09	24	21	372	2.09	5.9
U	IS	TH	IS	CD	SB	BI	V	CA	P
.57	2.0	.31	2378	1.1	-3	.90	59	1.6	.14
LA	IN	MG	BA	TI	B	AL	IS	IS	W
5.6	1.6	1.1	.02	.20	12	1.5	42	5.2	.34

An
001

*HO/31318 H-48
EGC

BURN # 1 GE16 7:36 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1350									
.75	109	.77	32	-.10	19	17	346	2.37	9.1
2.7	2.0	.48	1847	.79	-2	.32	91	.64	.14
6.8	1.2	1.2	.01	.19	12	1.4	46	4.8	.76

001

*O/31319 H-49
EGC

BURN # 1 GE16 7:37 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
.50	93	2.7	26	-.14	30	13	270	1.52	5.5
1.2	1.0	.49	2054	.75	-2	.64	47	.88	.13
5.4	1.1	.90	.01	.21	8.8	1.1	80	4.5	.51

001

*O/31320 H-50
EGC

BURN # 1 GE16 7:38 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1350									
.90	42	1.2	5.0	.038	4.3	1.9	68	.480	1.1
-.0	.20	-.0	234	.01	.16	-.5	12	.04	.01
.91	.02	.11	.00	.01	9.9	.22	6.2	3.2	.41

001

*O/31321 H-51
EGC

BURN # 1 GE16 7:39 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
5.5	35	4.3	4.7	-.02	2.4	2.3	103	1.82	1.1
.86	1.8	2.2	1049	.22	-.7	-.1	19	.24	.08
11	2.0	.11	.01	.17	9.9	.28	3.3	5.2	.04

001

*O/31322 H-52
EGC

BURN # 1 GE16 7:39 12-OCT81

IS	CU	PB	ZN	AG	NI	CO	MN	FE	AS
1351									
2.1	192	1.2	13	-.10	24	31	135	3.24	6.1
2.9	2.9	.31	1844	.71	-.1	-1	35	.64	.12
8.7	2.2	.36	.01	.30	16	.59	10	5.0	.46

001

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*

HO/31323 H-53
EGC

BURN # 1	GE16	7:40	12-OCT81							
IS										
1350										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	005
1.6	180	1.5	34	-.04	16	37	373	3.71	4.9	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.8	3.3	.59	1891	.92	-.6	-.3	53	.66	.18	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
11	2.6	1.0	.00	.27	18	1.1	4.0	5.3	.57	

*0/31324 H-54
EGC

BURN # 1	GE16	7:41	12-OCT81							
IS										
1351										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	005
2.7	70	2.5	6.1	.042	2.9	1.1	97	6.24	3.3	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
3.2	4.8	.87	589	.10	6.02	2.1	48	.10	.14	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
13	1.7	.25	.01	.41	24	.57	4.2	5.3	.45	

*HO/31325 H-55
EGC

BURN # 1	GE16	7:42	12-OCT81							
1351										
3.9	51	2.8	6.3	-.05	5.2	9.6	144	1.80	3.7	005
2.6	1.8	1.5	1286	.37	-1	-.5	21	.32	.12	
12	1.4	.09	.01	.18	9.6	.40	2.5	5.6	.26	

*0/31326 H-56
EGC

BURN # 1	GE16	7:43	12-OCT81							
1351										
1.3	28	3.2	13	-.06	2.1	3.7	216	1.73	4.4	005
1.5	1.6	2.0	1579	.52	-.1	-.5	31	.45	.10	
14	.97	.13	.01	.16	9.0	.54	2.0	4.6	.52	

*0/31327 H-57
EGC

BURN # 1	GE16	7:44	12-OCT81							
1351										
3.0	109	1.8	26	.139	16	22	194	2.68	5.8	005
2.9	2.4	.81	1760	.79	-1	-.3	42	.55	.17	
10	2.5	.44	.01	.22	15	.77	5.8	4.8	.30	

*0/31328 H-58
EGC

BURN # 1	GE16	7:44	12-OCT81							
1351										
2.8	21	3.1	30	-.16	7.2	1.9	30	.510	5.7	005
1.6	.68	2.1	1194	.52	-1	-.9	25	.28	.10	
6.9	.28	.06	.01	.23	5.0	.18	7.3	3.9	.33	

HO/31329 H-59
EGC

BURN # 1 GE16 7:45 12-OCT81

IS										
1351										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>005</i>
2.1	232	2.8	41	.273	19	29	61	1.81	4.3	
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.1	1.8	.89	1648	.84	-.9	-.7	26	.48	.16	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
6.8	1.5	.12	.01	.17	38	.46	2.9	4.2	.82	

*HO/31330 H-60
EGC

BURN # 1 GE16 7:46 12-OCT81

1351										
13	6.9	13	2.5	.453	1.4	-.5	20	.553	5.4	<i>005</i>
.90	.61	4.5	908	.43	-.9	-.1	44	.19	.06	
7.4	.71	.03	.01	.17	4.7	.24	12	4.2	.38	

*O/STD M-2
EGC

BURN # 1 GE16 7:47 12-OCT81

1351										
1.4	31	37	186	.238	36	16	866	2.41	9.9	<i>535</i>
1.0	1.8	2.2	1645	1.5	-.1	.14	60	.48	.10	
14	1.8	.67	.02	.11	16	1.5	54	5.8	.41	

*O/31331 H-61
EGC

BURN # 1 GE16 7:48 12-OCT81

1351										
1.2	85	-.2	9.4	.349	39	35	109	3.13	24	<i>005</i>
2.7	2.4	.49	1970	.52	-.1	-.7	37	.85	.18	
6.0	1.8	.08	.00	.16	14	.56	16	5.0	.89	

*O/31332 H-62
EGC

BURN # 1 GE16 7:49 12-OCT81

1351										
33	5.8	15	8.1	1.01	1.7	-1	24	.561	12	<i>005</i>
.89	.22	3.7	334	.33	.15	-.9	72	.06	.03	
4.3	.00	.04	.01	.29	3.5	.30	12	3.3	.0	

*O/31333 H-63
EGC

BURN # 1 GE16 7:49 12-OCT81

1351										
20	14	9.2	4.5	.387	1.7	-.5	25	.794	8.0	<i>005</i>
4.0	.57	4.4	685	.25	.44	-.7	40	.15	.05	
5.6	.54	.04	.01	.21	5.2	.31	6.8	4.0	.38	

*

HO/31334 H-64
EGC

BURN # 1 GE16 7:50 12-OCT81
IS
1351
MO CU PB ZN AG NI CO MN FE AS
14 107 3.1 7.7 .107 14 7.2 23 .974 7.3
U IS TH IS CD SB BI V CA P
1.3 .67 1.7 1217 .41 -.8 -.9 38 .33 .10
LA IN MG BA TI B AL IS IS W
5.4 .85 .05 .01 .26 5.8 .29 11 3.9 .58

AN
005

*HO/31335 H-65
EGC

BURN # 1 GE16 7:51 12-OCT81
1351
5.4 15 4.0 2.9 .342 .76 +1 15 2.09 7.4
2.5 1.5 1.3 849 .36 -1 -.7 74 .19 .08
5.2 1.3 .03 .01 .29 9.0 .26 11 4.0 .27

005

*O/31336 H-66
EGC

BURN # 1 GE16 7:52 12-OCT81
1351
71 43 19 79 1.50 5.3 +1 24 1.40 8.3
4.2 .71 4.8 656 .59 1.2 -.4 105 .14 .04
9.2 .39 .04 .01 .28 7.8 .46 22 4.4 .13

005

*O/31337 H-67
EGC

BURN # 1 GE16 7:53 12-OCT81
1351
3.0 42 19 124 1.22 27 6.1 168 1.38 8.6
2.0 1.1 8.0 810 .99 -1 -.2 20 .18 .05
12 .89 .43 .01 .30 7.8 .65 18 4.5 .40

005

*O/31338 H-68
EGC

BURN # 1 GE16 7:53 12-OCT81
1351
8.8 25 2.6 56 .103 9.4 2.9 57 1.41 6.6
2.1 .97 5.1 1227 1.1 -1 -.6 19 .34 .06
16 .95 .07 .01 .19 7.4 .37 13 4.8 .65

005

*O/31339 H-69
EGC

BURN # 1 GE16 7:54 12-OCT81
1351
3.3 20 .85 2.4 .100 1.8 -.6 19 1.39 4.2
1.8 1.2 5.8 444 .20 -.3 -.7 7.7 .09 .05
9.0 .64 .04 .01 .18 9.0 .22 6.5 4.3 .1

005

*

HO/31340 H-70
EGC

BURN # 1 GE16 7:55 12-OCT81

IS										
1351										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Aw</i>
1.5	40	5.5	30	.207	19	3.4	392	1.46	8.7	<i>.005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
.76	.88	5.8	642	.57	-2	-.3	24	.13	.05	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
9.9	.43	.62	.01	.19	8.8	.81	23	4.3	.36	

*HO/31341 H-71
EGC

BURN # 1 GE16 7:56 12-OCT81

1351										
2.4	73	1.9	11	.031	19	5.0	113	1.53	7.5	<i>.005</i>
2.1	1.1	3.3	998	.32	-.7	-.6	16	.24	.08	
8.3	.58	.26	.01	.17	11	.45	14	4.4	.25	

*O/31342 H-72
EGC

BURN # 1 GE16 7:57 12-OCT81

1351										
1.00	8.2	2.3	2.3	-.18	1.8	-2	23	.399	11	<i>.005</i>
1.1	.57	9.2	1073	.32	-.9	-1	9.3	.26	.04	
8.0	.44	.06	.01	.33	3.3	.34	7.6	4.1	-.2	

*O/31343 H-73
EGC

BURN # 1 GE16 7:57 12-OCT81

1351										
8.7	138	20	14	.261	28	7.8	61	1.08	6.4	<i>.005</i>
2.5	.82	6.0	805	.57	-.7	-.9	17	.18	.07	
11	.76	.08	.01	.25	8.4	.43	8.9	4.1	.43	

*O/31344 H-74
EGC

BURN # 1 GE16 7:58 12-OCT81

1351										
2.2	177	-2	4.1	.777	9.6	9.4	329	5.88	4.2	<i>.165</i>
4.6	4.1	2.6	1650	-.5	3.6	-2	1.7	.53	.07	
15	.26	.11	.01	.10	19	.33	8.0	6.5	2.0	

*O/RE: 31324 H-54 ReRun
EGC

BURN # 1 GE16 7:59 12-OCT81

1351										
2.0	68	4.7	5.7	.096	2.9	1.3	93	6.11	12	<i>.005</i>
3.0	4.1	.81	546	-.0	4.6	-2	50	.10	.14	
8.0	.79	.24	.01	.39	20	.57	4.0	5.4	.49	

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ICP GEOCHEMICAL ANALYSES

=====

A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID TO HYDROCHLORIC ACID TO WATER AT 90 DEG. C FOR 1 HOUR. THE SAMPLE IS DILUTED WITH WATER TO 10.0 ML. THE RESULTS ARE REPORTED IN PPM EXCEPT FOR : FE, CA, P, MG, BA, AND AL WHICH IS IN PERCENT. THIS LEACH IS PARTIAL FOR: CA, P, MG, AL, TI, LA, AND W. VERY LITTLE BA IS DISSOLVED. IS = INTERNAL STANDARD.

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*HO/31345 H-75 UMEX FILE# 81-1497 PAGE: 7 END
EGC

BURN # 1 GE16 8:09 12-OCT81

IS										
1351										
(MO)	(CU)	(PB)	(ZN)	(AG)	(NI)	(CO)	(MN)	(FE)	(AS)	<i>Am-ppm</i>
2.0	980	3.2	5.8	2.52	3.5	7.0	51	2.91	20	<i>005</i>
(U)	(IS)	(TH)	(IS)	(CD)	(SB)	(BI)	(V)	(CA)	(P)	
1.7	2.2	2.7	1345	.55	.89	-2	19	.37	.11	
(LA)	(IN)	(MG)	(BA)	(TI)	(B)	(AL)	(IS)	(IS)	(W)	
5.6	1.4	.10	.00	.24	11	.16	3.7	5.1	1.4	

*HO/31346 H-76
EGC

BURN # 1 GE16 8:10 12-OCT81

1351										
2.2	631	3.3	10	.613	23	13	59	2.77	3.7	<i>005</i>
3.3	2.2	3.1	914	.46	-.1	-.8	5.3	.21	.08	
14	.77	.04	.00	.15	15	.08	8.4	5.4	.66	

*O/31347 H-77
EGC

BURN # 1 GE16 8:11 12-OCT81

1351										
6.9	147	1.5	.90	.299	5.9	6.4	49	1.59	7.1	<i>005</i>
2.0	1.5	6.0	894	.35	-.9	-.9	14	.20	.06	
18	.38	.02	.00	.20	7.4	.14	12	5.4	.44	

*O/31348 H-78
EGC

BURN # 1 GE16 8:11 12-OCT81

1351										
2.5	77	5.7	3.7	.042	4.0	.28	29	.933	6.6	<i>005</i>
1.6	.81	7.0	655	.28	-.5	-1.0	7.6	.13	.05	
8.4	.57	.05	.01	.19	5.8	.22	9.3	4.1	-.0	

*

HO/31349 H-79
EGC

BURN # 1 GE16 8:12 12-OCT81

IS

1351

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	<i>Au</i>
2.5	92	3.5	4.1	.233	3.5	-.2	36	.975	3.1	<i>005</i>
U	IS	TH	IS	CD	SB	BI	V	CA	P	
2.4	.79	6.0	620	.34	-.4	-.6	6.2	.13	.03	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
11	.73	.04	.01	.18	5.2	.16	8.2	4.4	.26	

*HO/31350 H-80
EGC

BURN # 1 GE16 8:13 12-OCT81

1351

1253	170	4.2	1.6	.247	79	12	30	1.44	4.8	<i>010</i>
51	-6	6.3	1542	.51	-.1	.46	232	.49	.28	
25	3.0	.07	.02	.18	7.9	.32	15	6.9	1.2	

*0/ ~~STD~~ STD M-2
EGC

BURN # 1 GE16 8:14 12-OCT81

1351

2.2	31	40	184	.287	36	16	845	2.40	8.6	<i>545</i>
1.7	1.7	2.4	1536	1.5	-.6	.49	61	.47	.10	
12	1.8	.67	.02	.11	14	1.6	60	5.9	.48	

*0/SEO-81-1 - Silt on stream up from lodge
EGC

BURN # 1 GE16 8:15 12-OCT81

1351

4.6	70	11	108	.448	46	18	407	2.47	8.8	<i>005</i>
2.3	1.7	3.7	1573	1.2	-.3	-.2	34	.48	.11	
16	.32	.69	.00	.10	10	.87	36	5.4	.73	

*0/RE: 31348 ~~H-79~~ H-78 RERUN
EGC

BURN # 1 GE16 8:16 12-OCT81

1351

2.5	76	5.5	3.9	.058	4.2	.29	29	.922	5.8	<i>005</i>
1.6	.79	7.0	647	.21	-1	-.4	7.7	.13	.05	
8.4	.84	.05	.01	.19	6.0	.22	8.9	4.1	.16	

*0/EH-81-C8 SILT from stream draining Cirque # 8.
EGC

BURN # 1 GE16 8:17 12-OCT81

1351

2.6	173	48	194	.563	106	106	491	3.26	14	<i>005</i>
3.7	2.4	.53	1864	1.6	-.3	.09	102	.74	.15	
10	1.7	.83	.01	.09	14	1.2	51	5.4	.28	

A P P E N D I X II

S T A T E M E N T O F E X P E N D I T U R E S

Group EN-1:

Prospecting 15 days @ \$112.00/day	E. Scholtes	\$1,680.00
Supervision and report		228.00
Field expenses 15 days @ \$20.00/day		300.00
Vehicle 15 days @ \$30.00/day		450.00
Assay 149 rock samples @ \$9.00 each		1,341.00
Travel expenses		<u>317.53</u>
TOTAL		\$4,316.53

Group EM-2 and EM-6:

Prospecting 13 days @ \$127.60/day	H. Holm	\$1,658.80
Prospecting 13 days @ \$127.36/day	A. Chevalier	1,655.68
Supervision and report		254.96
Field expenses 26 days @ \$20.00/day		520.00
Vehicle 13 days @ \$30.00/day		390.00
Helicopter 4.3 hours		2,042.30
Assay 218 rock samples		2,526.30
Miscellaneous		<u>100.00</u>
TOTAL		\$9,148.04

A P P E N D I X III

ITEMIZED COST STATEMENT

The Eureka property has been divided into 3 groups: EN-1, EM-2 and EM-6.

This report is to cover assessment requirements for the 3 groups.

Total expenditures on group EN-1	\$4,316.53
Total assessment applied in group EN-1	3,000.00
Credit PAC	\$1,316.53

Total expenditures on group EM-2 and EM-6 : \$9,148.04 .

Total expenditures on group EM-2	\$4,814.76
Total assessment applied on Group EM-2	5,600.00
Withdrawal PAC	\$ 785.24

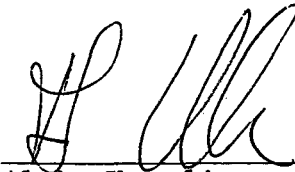
Total expenditures on group EM-6	\$4,338.28
Total assessment applied on group EM-6	5,200.00
Withdrawal PAC	\$ 861.72

A P P E N D I X IV

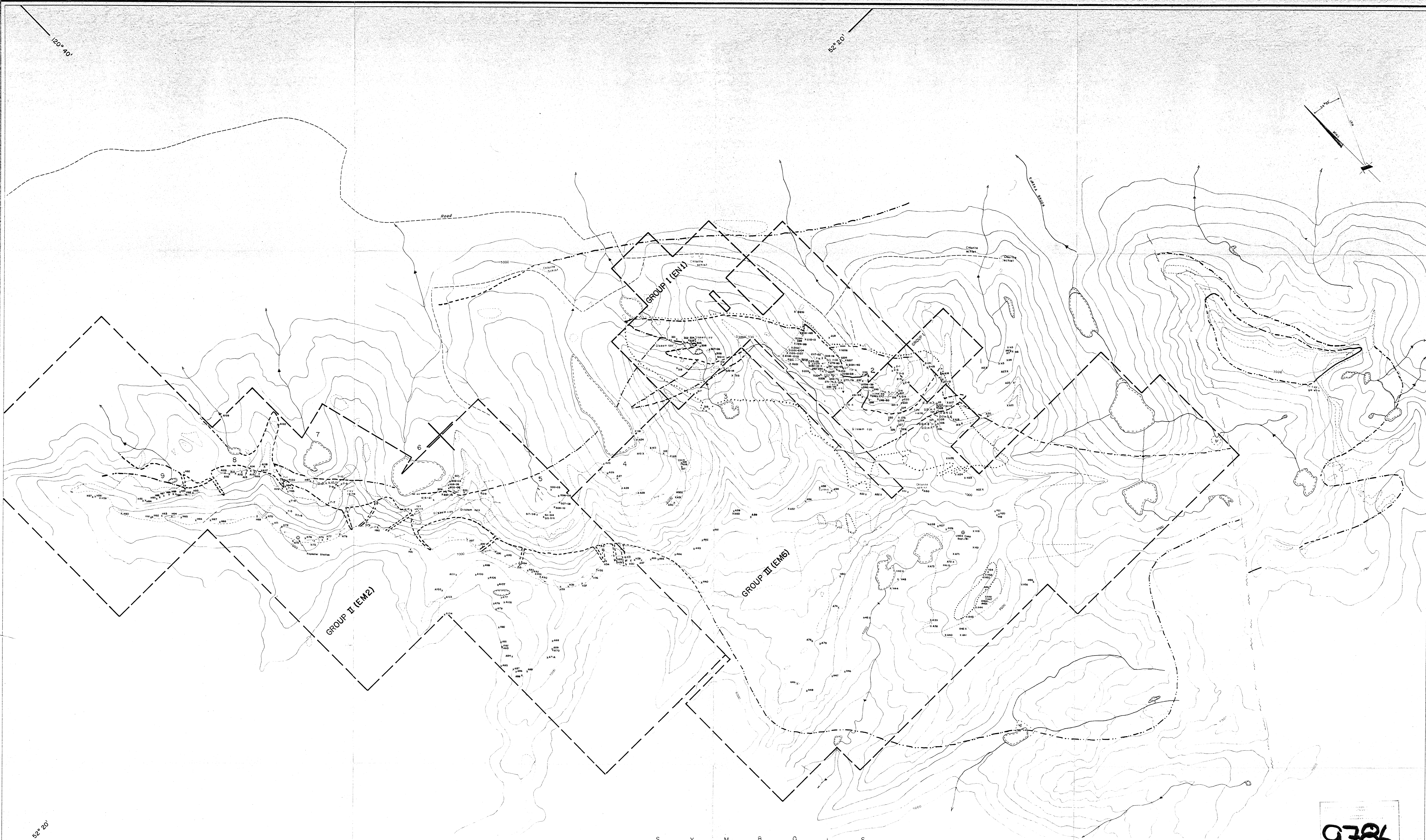
Author's Qualifications

I, Alain Chevalier, of 2763 West 11th Avenue, Vancouver, B.C., hereby certify that:

1. I am a graduate of University of Lausanne, B.Sc., Geology in 1978 and M.Sc., Geology in 1980.
2. I have practiced my profession since 1979 with various mining companies.
3. Since 1981 I have been employed as Project Geologist with UMEX Inc.



Alain Chevalier



LEGEND

*423 Rock sample location with reference nomenclature.
 - Refer to accompanying assay results sheets.

- | | | | |
|--|---|--|----------------------|
| | Adit, Trench. | | Swamp. |
| | Outcrop boundary. | | Claim boundary line. |
| | Geological contact (defined, approximate, assumed). | | Cirque number. |
| | Gossan zone outline. | | Road, trail. |
| | Fault (defined, assumed). | | Stream. |
| | Schistosity. | | Intermittent stream. |
| | Bedding attitude. | | Lake. |
| | Topographic contour (contour interval 200'). | | |

S Y M B O L S

9786

Figure No. 3

EUREKA PROJECT - 1981
ROCK GEOCHEMISTRY
SAMPLE LOCATION MAP

N.T.S. 934/7E (Mockay River)
 Scale: 1" = 1,000' 0 120 240 360 metres 1:12,000

UMEX CORPORATION LTD.

To accompany assessment report on the rock sampling survey of the three mineral claim groups in the Eureka property, Cariboo Mining Division, by A. Chevalier, M.Sc., November 1981.

DRAWN BY: A. Roy, H. Holm
 DATE: July 1981 / Nov. 1981
 SURVEYED BY: A.C.F.F.E.S.H.
 DWG. No.