

Geochemical Assessment Report on the

Apex Claims

Omineca Mining Division

N.T.S. 93L8W

Lat: 54°25' Long: 126°25'

by

John J. Barakso, Geochemist.

Owner: Baril Developments Ltd.

Date: October 5, 1983.

 **GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,504

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Cu Contour Map

Fig. 1 (In Pocket)

Pb Contour Map

Fig. 2 (In Pocket)

Zn Contour Map

Fig. 3 (In Pocket)

Ag Contour Map

Fig. 4 (In Pocket)

As Contour Map

Fig. 5 (In Pocket)

Hg Contour Map

Fig. 6 (In Pocket)

Mn Contour Map

Fig. 7 (In Pocket)

LOCATION AND DESCRIPTION OF THE CLAIM:

The Apex group is located 8 miles northeast of Houston, B.C., in the Omineca Mining Division, N.T.S. 93L8W.

The claim group consists of 28 units and is made up as the following:

	<u>No. of Units</u>	<u>Record No.</u>
Apex 21	1	132260
Apex 22	1	132261
Apex 75	4	533
Apex 76	6	534
Apex 77	9	535
Apex 78	6	532

SUMMARY OF GEOLOGY AND MINERALIZATION:

The Apex group is underlain by Hazolton rocks, Early and Middle Mesozoic, age which are common to this area and are quite often related to mineralizations.

These Hazolton rocks are intruded by rhyolite and gabbroic rocks (syenomonzonite alkalic gabbro stocks) in accordance with J. McAndrews (1974) and B.W. Church's report (1973).

In 1973, Dr. B.N. Church of the British Columbia Dept. of Mines & Petroleum Resources published his report on mapping the area "Geology of the Buck Creek Area." In 1974, J.M. McAndrew P. Eng., at that time the owner, carried out a detailed and fairly comprehensive mapping and prospecting of the claim group. (Assessment report 1974).

The two areas of rhyolite located southeast and northeast of the Apex claims, cover $1\frac{1}{2}$ and $2\frac{1}{2}$ miles respectively. The larger of these would correspond to the sulphur-rhyolite lakes drainage system and the other to the shattered rock zone in Claim Apex 21.

Seven distinct rock types have been identified on the Apex claim group maroon and green andesite, basalt, argillite, agglomerate, rhyolite and gabbro.

Mineral occurrences are noted at various places mainly at fracture zones and close to structural linements.

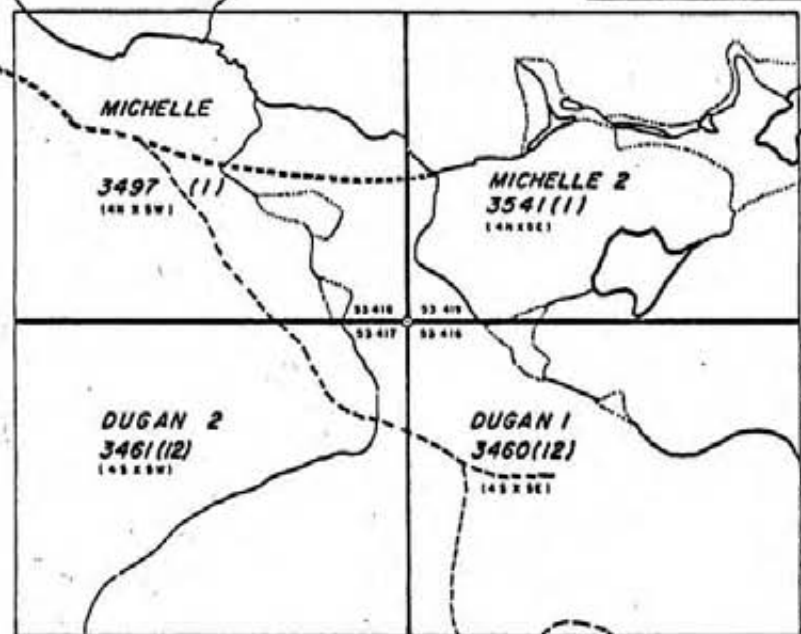
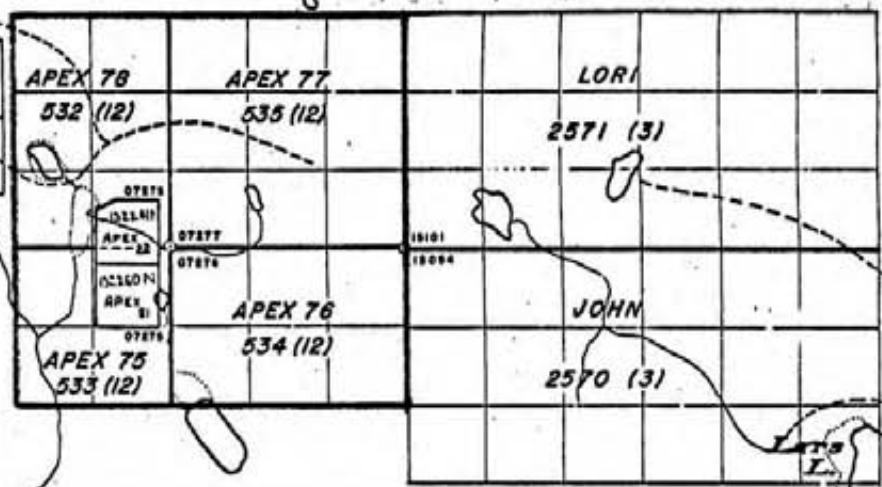
The rhyolites are invariably mineralized with disseminated limonite. Several of the trenches opened up during prospecting, carrying chalcopyrite pyrite, magnetite.

Bulkley

M E C H A K O

Aitken

Cr.



HEADING 7	HEADING 8
3539 (1)	3540 (1)
HEADING 5	HEADING 6
3537 (1)	3538 (1)
HEADING 3	HEADING 4
3535 (1)	3536 (1)
HEADING 1	HEADING 2
3533 (1)	3534 (1)

CHINA NOSE MTN.

Headings

TO WEST SEE MAP 93L7E

Location Map

APEX CLAIMS

Owner: Baril Dev. Ltd.

scale = 1 cm = 0.5 km.

GEOCHEMICAL SOIL SURVEY:

The geochemical soil survey was carried out on the Apex group and samples were collected in and between August and December 1982 by Rhyolite Resources Corp.

These samples were stored then because of lack of finances and were analysed in 1983 by Baril Developments Ltd.

The sampling gridlines were also established for soil sampling in 1982 and the sampling was conducted by Jon Stewart of Rhyolite Resources and overseen by Dr. Keith Fahrni, Consulting Geologist. Previous to the soil sampling survey the property was visited by the author.

The baseline was established by using pickets and compass. The sample lines and stations were measured by "Topofoil Chain". The lines were marked by blazes and by flagging.

METHODS OF SAMPLING:

In the course of the soil survey 541 soil samples were collected. At each soil sample location a pit or hole was dug with a shovel to a depth of 4-16 inches depending on development. At each sampling site 200-250 grams of well developed soil from the B horizon were taken, as much as possible of the sample was taken with an iron trowel. The soil was placed in a kraft soil sample bag and appropriately marked.

The soil development for most parts of the property is satisfactory with the exception of the swampy areas where high organic samples were encountered.

The soils of the property were developed mainly from glacial overburden with excessive amount of clay and organic material in places.

The soil horizons can be described in the following manner:

L-H (Ao) horizon: organic litter, undecayed leaves; twigs normally 1-6 cm thickness but up to several centimeters thick at swampy areas.

Ah (A1) Decomposed organic debris, organic rich humus horizon black in color; normally 2-10 cm but considerably thicker in swampy areas.

The eluviated Ae horizon appears at noticeable thicknesses where the Ah horizon is producing well developed humus acids.

B: Brown to orange color, mottle indicative of excess clay content. Accumulation of iron and some places organic matter is indicative of the massive clay composition layers.

C: Light brown and greyish brown horizons with layers of clay and glacial gravel mixtures. At higher elevations rock fragments are mixed with the glacial debris which are considered local origin.

Analysis of the soil samples for Mo, Cu, Pb, Zn, Ag, Hg, As, Mn and Au were carried out by Min-En Labs. Ltd., 705 West 15th St., North Vancouver, B.C., and the analytical procedures are given in Appendix I.

RESULTS AND CONCLUSIONS:

The objective of the soil survey was to outline some hidden anomalies which could indicate a volcanogenic massive sulphide model.

The analytical data is presented in Appendix III in laboratory format. The entire data was subjected to frequency analysis and standard deviation analysis by the Apple II Computer, and background and threshold values were established from these values. The contour intervals should be mathematically defined with equal intervals between background values and the highest group of values of the particular element.

In Fig. 1-7 all elements are contoured and plotted except gold which produced very erratic low values.

In general very broad anomalies were observed for most of the elements; however, Arsenic and Mercury should be subjected special attention since they correspond well with some of the known mineralized zones.

However, it is the author's opinion the storage of samples for several months greatly reduce the amplitude

of the mercury anomalies. Some of the samples taken by the author earlier at the same locations produced five times higher anomalies.

The following is recommended:

All the anomalous zones should be done with close space sampling (10 meter spacing) and analysed immediately for the volatile elements (Hg, As, Sb).

John J. Barakso.
Consulting Geochemist.

*MIN-EN Laboratories Ltd.**Specialists in Mineral Environments*Corner 15th Street and Bewicke
705 WEST 15th STREET
NORTH VANCOUVER, B.C.
CANADAANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORK.PROCEDURES FOR, Cu, Mo, Cd, Pb, Mn, Ni, Ag, Zn.

Samples are processed by Min-En Laboratories Ltd. at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO_3 and HClO_4 mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Atomic Absorption Spectrophotometers.

Copper, lead, zinc, silver, cadmium, cobalt, nickel and manganese are analysed using the CH_2H_2 -Air flame combination but the molybdenum determination is carried out by C_2H_2 - N_2O gas mixture directly or indirectly (depending on the sensitivity and detection limit required) on these sample solutions.

Background corrections for Pb, Ag, Cd upon request are completed.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN
LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and HClO_4 mixture.

After pretreatments the samples are digested with Agua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

MERCURY ANALYTICAL PROCEDURE FOR ASSESSMENT FILING

1.000 gram sample digested with Nitric and Sulphuric Acid. Than further oxidized with 30% H_2O_2 while heating and repeating the oxidizing steps.

After cooling and diluting to suitable volume the solution to refine the oxidation procedure 5% $KMnO_4$ is added in the titrating manner until pink color is obtained.

Mercury is realized by reducing solution into the Flameless Atomic Absorption Chamber and measured in comparing samples with known standards.

APPENDIX II

STATEMENT OF EXPENDITURES:

Detailed cost of the geochemical survey and report
on the Apex Claims.

Sample collection costs @\$4.50/per sample	\$ 2,975.50
Analytical cost 541 samples analysed for Mo,Cu,Pb,Zn,Ag,Hg,As,Mn,Au @\$19.50	\$10,549.50
Sample preparation @\$.85	459.50
Drafting and printing	950.00
Typing	125.00
Report preparation	1,100.00
Miscellaneous expenses	<u>125.00</u>
TOTAL	\$16,284.85

APPENDIX III

STATEMENT OF QUALIFICATIONS OF J.J. BARAKSO - GEOCHEMIST

575 Saville Cres., North Vancouver, B.C. Ph. 987-0682

(Member of the Association of Exploration Geochemists)

EDUCATION:

1953 Diploma: Hydrotechnical Institute,
Budapest, Hungary.

1959 B.S.F.: Major in Forest Soils,
University of B.C.

1967 M. Sc.: Soil and Geo-chemistry,
University of B.C.

EXPERIENCE:

1960-61 Assistant Geochemist, Kennco
Explorations (Western) Limited,
Vancouver, B.C.

1961-63 Geochemist, Kennco Explorations
(Western) Ltd., Vancouver, B.C.

1963-69 Chief Geochemist, Kennco
Explorations (Western) Limited,
Vancouver, B.C.

1969-71 Chief Geochemist, Anaconda
American Brass Ltd.,
Britannia Beach, B.C.

1971- Consulting Geochemist.



John J. Barakso.

PROJECT No.: Apex

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1983.

ATTENTION:

Sample Number	Mo ppm	Cd ppm	Pb ppm	Zn ppm	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L8+00S	2+00W		8	5.6	1	8	.5		1.00	4	535	5				
	2+50		15	6.8	2	25	.5		1.20	14	620	5				
	3+00		22	2.88	1	46	1.2		1.50	4	2200	5				
	3+50		30	1.83	5	38	1.9		.70	3	970	5				
	4+00		22	1.01	1	28	1.4		1.00	1	510	5				
	4+50		19	2.05	2	216	1.6		2.30	4	2600	5				
	5+00		8	1.00	1	19	.6		.80	2	480	10				
	5+50		11	1.55	1	26	.6		.90	4	900	10				
	6+00		8	.85	1	22	.6		.50	7	610	5				
L8+00S	6+50W		10	1.01	1	13	.4		.30	5	800	5				
L5+00S	0+00E		20	1.30	1	37	1.0		.80	4	1150	5				
	0+50		16	1.45	1	32	.7		1.30	5	1100	5				
	1+00		20	2.44	2	55	.8		1.50	3	2100	5				
	1+50		15	1.91	1	23	.5		1.55	10	1160	5				
	2+00		18	1.36	1	40	.6		.70	10	920	5				
	2+50		14	2.09	2	40	.7		.90	10	1340	5				
	3+00		12	1.60	1	37	.6		.50	9	930	5				
	3+50		12	1.02	1	30	.4		.90	12	690	5				
	4+00		9	1.70	1	15	.4		.80	3	500	10				
	4+50		8	1.27	1	24	.5		.90	3	560	5				
	5+00		11	1.39	1	15	.5		.40	5	440	5				
	5+50		14	1.50	1	29	.8		.50	8	765	10				
	6+00		9	1.32	1	14	.4		.40	7	400	5				
	6+50		10	1.51	1	20	.4		.40	3	655	5				
	7+00		16	2.36	1	12	.4		.50	9	725	5				
	7+50		10	1.86	1	11	.5		.60	10	560	5				
	8+00		12	1.34	1	17	.6		1.50	11	505	5				
	8+50		10	.97	1	23	.5		.70	8	520	5				
	9+00		12	1.36	1	25	.5		.60	7	640	10				
L5+00S	9+50E		12	1.19	1	15	.5		.90	11	1090	5				

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ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample. No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mn ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L4+0.0S 0+0.0E			22	185	2	50	8		130	16	1140	5				
0+5.0			19	178	1	39	8		50	12	1200	5				
1+0.0			13	114	2	20	6		50	4	720	5				
1+5.0			16	125	2	41	8		100	10	930	10				
2+0.0			12	96	1	32	7		560	10	640	5				
2+5.0			16	154	2	30	7		70	10	860	5				
3+0.0			19	180	1	38	8		150	6	960	10				
3+5.0			11	123	2	18	5		85	7	245	5				
4+0.0			10	141	1	14	5		30	11	275	10				
4+5.0			15	182	2	14	6		70	5	500	5				
5+0.0			17	134	3	24	6		50	13	520	10				
5+5.0			14	131	2	17	6		70	15	465	5				
6+0.0			14	107	2	20	6		50	12	335	5				
6+5.0			12	114	4	16	6		70	18	325	5				
7+0.0			14	142	2	16	7		100	6	350	10				
7+5.0			26	288	1	84	16		40	7	1390	5				
8+0.0			28	349	2	80	20		150	14	1370	5				
8+5.0			14	89	1	25	6		30	11	620	5				
9+0.0			14	90	1	28	6		60	9	405	5				
9+5.0			14	216	2	27	8		80	2	580	5				
10+0.0			13	126	1	24	7		120	13	680	5				
10+5.0			12	106	1	29	8		70	10	600	5				
11+0.0			16	121	1	30	7		85	14	830	5				
L4+0.0S 11+5.0E			17	104	2	31	8		65	14	710	5				
L2+0.0S 0+0.0E			12	106	2	18	8		65	10	660	10				
0+5.0			14	137	2	18	7		60	15	740	5				
1+0.0			14	206	2	24	8		50	15	1240	5				
1+5.0			17	148	2	28	8		110	6	960	5				
2+0.0			12	110	1	22	6		70	9	500	5				
L2+0.0S 2+5.0E			12	130	1	14	6		50	7	1220	5				

GEOCHEMICAL ANALYSIS DATA SHEET

F 102-27

PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

1983.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Sample No	Mo	Cu	Pb	Zn	Mo	Cu	Ag	Fe	Hg	As	Mn	Au			
Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb			
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L5+0.0N	10+0.0E		2.8	2.73	1	2.9	.5		3.0	1.5	19.00	5			
	10+5.0		2.6	3.01	1	2.2	.8		6.5	2.1	13.10	5			
	11+0.0		2.6	2.00	1	3.0	.7		3.0	2.1	22.00	5			
L5+0.0N	11+5.0E		2.0	4.13	1	2.7	.6		1.10	1.4	12.20	5			
L6+0.0S	0+0.0W		1.6	2.16	1	2.2	.6		7.5	1.1	19.30	5			
	0+5.0		1.6	2.09	1	2.1	.5		1.00	4	30.90	5			
	1+0.0		1.4	1.41	1	2.7	.4		2.0	9	10.30	5			
	1+5.0		1.4	1.42	1	2.6	.5		1.00	2.9	14.00	5			
	2+0.0		1.6	2.53	2	2.3	.6		4.0	8	9.60	10			
	2+5.0		4.4	2.30	1	2.6	1.0		1.50	1.8	22.00	5			
	3+0.0		1.0	2.08	1	1.5	.4		2.0	1	5.75	5			
	3+5.0		1.0	.81	1	2.6	.4		6.0	1	4.20	10			
	4+0.0		1.2	1.02	1	1.9	.3		4.5	2	5.40	5			
	4+5.0		2.0	2.27	1	2.5	.5		1.05	<1	18.70	10			
	5+0.0		1.6	2.35	2	3.3	.5		1.00	<1	30.00	5			
	5+5.0		1.2	1.01	1	1.7	.4		4.5	1	13.00	5			
	6+0.0		2.0	4.0	4	1.3	1.0		5.0	1	2.60	5			
L6+0.0S	6+5.0W		2.5	5.2	4	2.8	1.4		5.0	6	3.80	5			
L6+0.0S	0+5.0E		2.2	1.94	1	2.5	.6		3.0	8	17.20	10			
	1+0.0		2.0	3.96	1	4.8	.6		9.0	6	22.00	5			
	1+5.0		2.6	3.23	2	1.23	1.0		4.0	7	19.40	5			
	2+0.0		2.2	1.81	1	7.0	.8		1.10	1.9	13.20	5			
	2+5.0		2.0	1.80	1	4.3	.6		4.0	1.0	18.00	5			
	3+0.0		2.1	2.90	1	5.5	.8		2.0	3.1	23.00	5			
	3+5.0		2.0	2.43	1	3.1	.8		4.0	7	20.80	10			
	4+0.0		1.6	1.15	1	3.1	.5		2.0	1.3	9.10	5			
	4+5.0		1.4	2.26	1	3.3	.7		1.10	5	10.60	5			
	5+0.0		1.4	1.49	1	1.8	.6		6.0	2	4.20	5			
	5+5.0		1.0	.77	1	2.1	.3		5.0	<1	4.20	5			
L6+0.0S	6+0.0E		1.0	.87	1	2.3	.4		6.0	8	5.30	5			

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GEOCHEMICAL ANALYSIS DATA SHEET

F (2-27)

PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1983.

ATTENTION:

Sample No.	Mo	Pb	Zn	Mo	Cu	Ag	Fe	Hg	As	Mn	Au					
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb					
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L6+0.0N	4+0.0E		22	230	1	21	6	90	11	1340	5					
	4+5.0		16	142	1	17	5	70	7	500	5					
	5+0.0		14	116	2	18	6	40	7	505	5					
	5+5.0		13	77	1	24	6	80	5	500	5					
	6+0.0		14	360	1	18	7	30	9	780	5					
	6+5.0		18	184	1	26	8	50	16	1950	5					
	7+0.0		18	149	1	34	9	250	9	2100	5					
	7+5.0		19	235	1	23	9	45	17	2040	5					
	8+0.0		33	227	1	44	10	70	13	2390	5					
	8+5.0		18	176	1	26	8	20	14	1060	5					
	9+0.0		16	146	1	32	8	60	10	1040	10					
	9+5.0		19	108	2	28	6	140	16	1300	5					
	10+0.0		16	244	1	17	7	70	13	500	5					
	10+5.0		20	252	1	24	10	50	7	850	5					
L6+0.0N	11+5.0E		15	154	1	16	5	35	5	295	10					
L4+0.0N	0+0.0E		10	104	1	20	5	20	4	540	5					
	0+5.0		12	85	1	20	6	70	7	340	5					
	1+0.0		14	158	1	29	7	45	4	1920	5					
	1+5.0		13	83	1	16	6	20	8	300	5					
	2+0.0		12	170	2	14	6	90	4	1780	5					
	2+5.0		20	272	1	23	9	35	10	760	5					
	4+0.0		16	169	1	21	8	40	15	1130	5					
	4+5.0		18	216	1	19	7	20	11	1020	5					
	5+0.0		10	283	1	12	5	65	9	700	5					
	5+5.0		14	124	1	22	8	60	15	780	5					
	6+0.0		12	186	2	13	6	30	4	640	5					
	6+5.0		20	110	1	36	8	90	18	760	5					
	7+0.0		20	98	1	18	8	35	18	1200	5					
	8+5.0		19	258	1	28	7	70	14	1170	5					
L4+0.0N	8+0.0E		20	183	1	48	10	55	17	1340	5					

CERTIFIED BY

GEOCHEMICAL ANALYSIS DATA SHEET

F no. 2-27PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

1983.

ATTENTION:

Sample. Number	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb								
6 81	10 86	15 90	20 95	25 100	30 105	35 110	40 115	45 120	50 125	55 130	60 135	65 140	70 145	75 150	80 155	80 160
LQ+00-	10+50E	1.6	2.03	1	2.8	.6	4.0	1.1	1420	5						
	11+00	1.2	1.28	1	1.8	.5	4.0	1.1	520	5						
LQ+00-	11+50E	1.7	2.33	2	2.2	.5	3.0	1.1	1970	5						
N# 1 (from near basalt)		1.6	3.34	2	4.7	.7	6.0	6	3300	5						
N# 2		1.6	1.04	1	3.8	.7	4.0	1.4	800	5						
L3+00N	0+50W	2.2	2.76	1	7.6	.9	2.0	1.7	2510	5						
	1+00	2.4	3.50	1	5.2	.9	4.0	2.1	2790	10						
	1+50	2.5	2.03	1	6.9	1.1	5.0	1.8	1360	5						
	2+00	1.7	1.89	1	2.9	.8	5.0	1.6	1300	5						
	2+50	1.4	1.42	2	2.1	.6	3.0	2.4	960	5						
	3+00	1.8	2.88	1	5.1	.9	6.0	1.4	2440	5						
	3+50	1.7	2.52	2	4.0	1.0	1.00	1.4	2090	5						
	4+00	1.6	2.37	2	3.1	.8	4.0	1.4	1880	5						
	4+50	1.4	1.34	1	3.8	.6	2.0	1.4	820	5						
	5+00	1.2	1.30	2	2.1	.6	5.0	1.0	720	5						
L3+00N	5+50W	1.4	1.18	1	2.6	.6	8.0	8	660	5						
L2+00N	0+00W	2.1	2.36	1	9.4	1.4	1.50	2.0	2300	5						
	0+50	2.2	2.43	1	8.5	1.3	1.00	1.7	2100	5						
	1+00	2.0	1.47	1	5.8	1.0	8.0	1.9	1360	5						
	1+50	2.2	1.93	1	5.2	1.0	1.0	1.1	1820	5						
	2+00	1.9	2.87	2	6.4	1.0	1.35	7	2200	5						
	2+50	2.1	2.85	1	9.1	1.1	7.0	1	3100	5						
	3+00	1.3	1.12	1	1.7	.6	5.0	1.1	740	5						
	3+50	1.9	1.43	1	2.0	.8	4.0	1.1	570	5						
	4+00	1.5	1.08	1	1.3	.5	2.0	7	255	5						
	4+50	1.5	1.12	1	2.5	.6	1.40	1.3	470	5						
	6+00	1.4	1.76	1	1.2	.6	4.0	6	800	5						
L2+00N	6+50W	1.3	1.56	1	1.4	.6	3.0	9	550	5						
L6+00N	3+00E	1.8	2.48	2	3.6	.8	6.0	1.2	2600	5						
L6+00N	3+50E	1.8	2.93	1	2.8	.7	6.0	1.2	1950	5						

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PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1983.

ATTENTION:

Sample Number	6	10	15	20	25	Mo	30	Cu	35	40	45	50	55	60	65	70	75	80
	81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	
			Pb ppm	Zn ppm					Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
L6+00N2+00E			21	250		1	25	1.0			70	24	1800	5				
L6+00N2+50E			22	175		1	36	.8			90	17	1750	5				
L1+00N0+50W			26	232		3	90	1.7			80	14	1910	5				
		1+00	20	146		1	23	.8			100	15	1025	10				
		1+50	28	185		2	54	1.4			100	16	1240	5				
		2+00	24	223		2	50	1.2			80	18	980	5				
		2+50	28	294		2	66	1.4			80	18	1860	5				
		3+00	16	82		2	17	.6			90	13	490	5				
		3+50	19	94		3	19	.8			20	12	380	5				
		4+00	28	135		2	82	1.2			110	26	1130	5				
		5+50	18	113		4	22	.7			50	14	600	10				
		6+00	18	78		4	15	.6			70	5	400	5				
L1+00N6+50W			16	70		1	18	.6			60	5	450	5				
L4+00N0+50W			22	294		1	49	.8			90	14	1180	10				
		1+00	22	268		3	33	1.0			120	24	1640	5				
		1+50	28	307		4	59	1.3			80	13	1720	5				
		2+00	21	393		2	45	1.1			70	10	1900	5				
		2+50	26	311		2	78	1.6			170	16	1270	5				
		3+00	22	180		3	23	.8			90	15	1560	5				
		3+50	23	192		2	36	1.1			30	13	1180	5				
		4+00	18	282		2	36	1.0			80	12	1700	5				
		4+50	20	245		1	28	.8			50	11	1140	10				
		5+00	16	139		1	18	.7			90	20	660	5				
		5+50	16	89		1	18	.9			40	14	550	5				
		6+00	22	102		2	21	.8			50	15	740	5				
L4+00N6+50W			20	122		2	23	.9			80	13	900	5				
L3+00N0+00E			23	245		3	40	1.0			30	21	1600	5				
		0+50	25	206		4	37	1.1			30	13	2320	5				
		1+00	24	175		3	40	.7			100	17	1610	5				
L3+00N1+50E			25	259		2	33	.8			80	19	1340	5				

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705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

1983.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L1+00S	5+50E		16	244	1	10	6		70	14	1250	5				
	6+00		19	78	1	31	5		100	12	550	10				
	6+50		20	93	1	28	6		130	12	570	5				
	7+00		20	138	2	104	8		90	20	900	5				
	7+50		28	232	1	21	7		80	16	440	5				
	8+00		22	129	2	31	8		190	12	1150	5				
	8+50		25	99	1	23	7		150	38	900	5				
	9+00		24	105	1	30	8		30	20	1230	5				
	9+50		23	83	2	32	6		40	22	880	5				
	10+00		24	265	2	30	10		40	14	2260	5				
	10+50		22	115	2	22	8		120	14	900	5				
	11+00		15	113	1	14	5		50	6	730	5				
L1+00S	11+50E		17	230	2	16	6		70	7	1180	5				
L6+00N	0+50W		27	267	1	130	7		220	15	1670	5	40	Mesh		
	1+00		28	227	1	33	10		100	18	1830	5				
	1+50		19	86	1	22	7		100	19	760	5				
	2+00		22	116	1	23	6		40	28	740	5				
	2+50		20	194	1	32	10		110	24	780	5				
	3+00		28	163	1	39	10		50	14	800	5				
	3+50		26	180	2	49	12		60	24	2520	5				
	4+00		23	184	1	24	10		30	25	1080	5				
	4+50		17	76	1	18	7		70	21	620	5				
	5+00		28	134	2	19	8		20	12	820	5				
	5+50		24	110	1	23	7		60	26	1140	5				
	6+00		17	105	1	18	7		50	18	625	10				
L6+00N	6+50W		16	121	1	16	6		80	14	820	5				
L6+00N	0+00E		17	103	1	24	9		70	17	900	5				
	0+50		20	91	2	22	6		40	28	1000	10				
	1+00		20	193	2	23	9		20	14	1400	5				
L6+00N	1+50E		21	185	1	20	7		40	21	1440	5				

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MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

1983.

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Sample. No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
81	86	90	95	100	105	110	120	125	130	135	140	145	150	155	160
L6+00S	6+50E		10	140	2	30	6		30	1	790	10			
	7+00		10	100	1	22	7		150	1	455	5			
	7+50		10	89	2	28	7		80	3	520	5			
	8+00		26	223	3	96	12		50	4	1330	5			(40 mesh)
	8+50		24	140	2	77	14		60	11	1350	5			
	9+00		14	90	2	26	6		70	6	560	5			
	9+50		18	96	1	19	6		60	5	1390	5			
	10+00		16	130	2	26	6		50	6	680	5			
	10+50		24	127	1	35	6		50	10	1170	5			
	11+00		16	103	1	25	6		100	13	940	5			
L6+00S	11+50E		17	110	2	20	5		90	10	810	5			
L7+00S	0+00E		16	97	1	26	7		50	12	1160	5			
	0+50		12	57	2	14	5		60	3	625	10			
	1+00		16	122	1	17	6		30	<1	1060	5			
	1+50		31	150	3	32	7		100	2	1120	10			
	2+00		18	287	2	22	7		70	10	2100	5			
	2+50		20	182	1	23	7		70	2	1800	10			
	3+00		26	267	2	134	14		110	15	2150	5			
	3+50		20	201	2	47	7		80	7	1800	5			
	4+00		14	142	2	25	6		100	9	1000	10			
	4+50		12	148	1	30	7		70	3	1020	5			
	5+00		13	284	1	23	6		50	<1	1400	5			
	5+50		12	106	1	18	5		30	1	515	5			
	6+00		12	149	1	24	5		50	<1	920	5			
	6+50		11	184	2	18	5		40	4	560	5			
	7+00		8	156	1	12	5		110	<1	430	5			
	7+50		10	65	1	22	4		60	5	500	5			
	8+00		9	128	2	14	5		20	<1	405	5			
	8+50		9	89	1	17	5		50	<1	390	5			
L7+00S	9+00E		12	107	1	48	8		70	3	535	5			

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MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1983.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample No	Mo	Cu	Pb	Zn	Mn	Cu	Ag	Fe	Hg	As	Mn	Au				
Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L1+00N	11+00E		18	149	1	23	.6		60	12	1400	5				
L3+00S	0+50E		No Sample				.									
	4+00		No Sample				.									
	6+00		No Sample				.									
	6+50		No Sample				.									
	8+00		No Sample				.									
	9+00		No Sample				.									
	10+00		No Sample				.									
L3+00S	11+50E		No Sample				.									
L1+00S	0+50W		20	248	1	18	.8		100	8	1420	5				
	1+00		22	184	2	23	.8		90	12	1740	5				
	1+50		20	106	1	22	.7		120	14	1200	5				
	2+00		29	133	1	46	.9		140	26	2460	5				
	3+50		18	98	1	23	.8		40	9	745	5				
	4+00		16	111	1	16	.6		50	2	700	5				
	4+50		14	202	1	13	.8		130	5	580	5				
	5+00		17	122	1	18	.6		70	8	1120	10				
	5+50		18	99	1	22	.7		80	8	570	5				
	6+00		16	144	2	19	.7		60	5	580	5				
L1+00S	6+50W		15	66	1	22	.5		20	7	540	5				
L1+00S	0+00E		14	205	1	12	.4		60	6	820	5				
	0+50		10	173	1	11	.4		10	5	520	10				
	1+00		15	68	1	22	.5		80	4	560	5				
	1+50		19	280	1	22	.6		150	18	1060	5				
	2+00		18	232	1	33	.8		70	10	3000	5				
	2+50		13	126	1	12	.7		50	6	535	5				
	3+00		15	79	1	22	.6		80	14	510	5				
	3+50		20	120	1	38	.9		70	24	540	5				
	4+50		15	76	1	23	.6		50	13	600	10				
L1+00S	5+00E		16	164	2	19	.9		100	6	800	5				

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PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

1983.

Sample Number	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb								
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L3+00S	4+50	E	8	139	1	9	3		80	7	440	5				
	5+00		9	127	1	10	4		30	9	660	5				
	5+50		10	126	1	12	6		140	8	400	5				
	6+00		10	129	1	13	6		60	8	880	5				
	7+00		9	102	1	7	5		20	8	860	5				
	7+50		11	80	1	18	4		30	13	500	5				
	8+00		No	Sample												
	8+50		12	98	1	61	6		110	17	710	20				
	9+00		15	181	1	42	9		70	11	1340	5				
	9+50		15	235	2	23	9		20	8	1780	5				
	10+00		16	204	1	34	10		90	10	1140	5				
	10+50		14	285	1	18	8		80	10	2300	5				
	11+00		No	Sample												
L3+00S	11+50	E	No	Sample												
L1+00N	0+00	E	14	82	1	23	6		100	17	1040	5				
	0+50		15	130	1	42	7		90	20	1310	10				
	1+00		23	242	2	68	12		100	12	2100	5				
	1+50		18	328	1	51	9		60	14	3250	5				
	2+00		16	143	1	54	10		50	12	1920	5				
	2+50		16	216	1	78	9		50	10	2400	5				
	3+00		19	264	1	34	9		40	14	2320	5				
	3+50		17	112	1	27	6		20	13	1190	5				
	4+00		19	307	2	523	12		100	15	3250	5				
	4+50		16	268	1	21	9		30	8	1410	5				
	5+00		14	212	1	18	5		90	10	760	5				
	5+50		15	227	1	18	8		50	4	2420	5				
	7+00		14	141	1	17	6		30	10	840	5				
	7+50		15	147	1	25	4		60	8	550	5				
	8+50		20	204	1	24	8		70	13	1650	5				
L1+00N	10+00	E	22	178	1	40	8		80	12	1240	5				

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DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

1983

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	Mo	Cu	Ag	Fe	Hg	As	Mn	Au								
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L5+00N	3+00W			16	177	2	32	7		100	7	2070	5			
	3+50			18	117	2	32	6		70	16	1090	5			
	4+00			14	388	1	59	7		30	3	910	10			
	4+50			14	104	1	40	5		30	4	660	5			
	5+00			12	86	1	18	3		20	9	600	5			
	5+50			18	315	1	126	12		50	10	1980	5			
	6+00			18	142	1	26	5		50	13	1070	5			
L5+00N	6+50W			18	200	1	40	8		20	15	790	5			
L8+00S	1+50E			24	302	1	115	15		40	6	1320	5			
	2+00			16	161	1	34	5		55	7	1260	5			
	2+50			15	157	1	23	7		50	6	920	5			
	3+00			18	196	1	50	6		50	6	2220	5			
	3+50			14	122	1	27	4		90	5	1390	5			
	4+00			10	69	1	14	4		60	4	525	5			
	4+50			14	115	1	47	6		60	4	1020	5			
	5+00			10	74	2	24	5		70	6	620	10			
	5+50			10	160	1	17	4		250	2	730	5			
	6+00			16	138	1	33	7		20	8	1000	10			
	6+50			12	147	1	19	4		75	2	830	5			
	7+00			10	137	1	11	4		100	4	500	5			
	7+50			16	165	1	42	8		90	4	1020	5			
	8+00			15	197	1	32	7		20	4	1260	5			
	8+50			10	127	1	16	4		50	6	580	5			
	9+00			14	280	1	50	10		60	7	2130	5			
	9+50			16	300	2	29	6		70	8	2400	5			
	10+00			20	301	1	52	9		190	7	2600	5			
	10+50			16	178	1	26	7		50	9	1260	5			
	11+00			14	250	1	38	8		105	7	1010	5			
L8+00S	11+50E			18	410	1	33	6		40	5	2670	10			
L8+00S	11+50W			14	65	1	13	4		95	7	460	5			

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705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

1983.

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample Number	Mo ppm	Cd ppm	Pb ppm	Zn ppm	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L7+00S	9+50	E	14	136	2	18	5		40	5	900	5				
	10+00		16	115	1	24	9		20	6	660	5				
	10+50		14	95	1	24	7		60	4	690	5				
	11+00		15	143	1	23	6		100	7	1100	5				
L7+00S	11+50	E	18	134	2	45	10		110	13	1000	5				
L7+00S	0+50	W	16	95	1	26	6		80	10	1100	5				
	1+00		14	106	2	18	7		120	1	800	5				
	1+50		13	97	1	15	6		90	3	510	5				
	2+00		9	182	1	14	6		50	1	640	5				
	2+50		20	220	1	45	10		100	41	1200	5				
	3+00		10	128	1	19	5		80	<1	1050	5				
	3+50		16	132	1	24	6		80	10	1800	5				
	4+00		12	204	1	15	5		20	<1	970	5				
	4+50		13	165	1	21	6		110	<1	1000	5				
	5+00		10	73	1	18	6		50	4	620	5				
	5+50		8	108	1	15	5		50	<1	615	5				
	6+00		10	87	1	15	6		105	<1	870	5				
L7+00S	6+50	W	8	74	1	16	6		55	<1	430	5				
L2+00S	0+50	W	10	92	1	23	4		70	6	960	10				
	1+00		14	143	2	24	6		100	2	1240	5				
	1+50		10	86	1	17	5		90	<1	560	5				
	2+00		15	75	1	27	7		30	6	1010	5				
	3+00		10	124	2	20	5		90	4	700	5				
	3+50		11	148	1	14	5		50	<1	540	5				
	4+00		12	96	2	20	4		30	1	580	5				
	4+50		12	83	1	21	4		50	3	645	5				
	5+00		12	86	2	23	5		45	4	810	10				
	5+50		9	135	1	18	5		20	<1	480	5				
	6+00		11	171	2	18	5		90	9	360	5				
L2+00S	6+50	W	10	108	1	23	5		100	4	400	5				

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F No. 2-27

PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

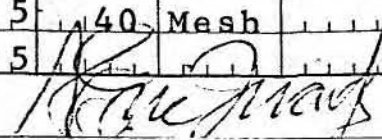
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1983.

ATTENTION:

Sample Number	10 Mg ppm	15 Co ppm	20 Pb ppm	25 Zn ppm	30 Mo ppm	35 Cu ppm	40 Ag ppm	45 Fe ppm	50 Hg ppb	55 As ppm	60 Mn ppm	65 Au ppb	70	75	80
81	86	90	100	105	110	115	120	125	130	135	140	145	150	155	160
L2+00N7+00E			14	182	2	17	6		30	2	660	5			
			15	191	2	16	7		70	22	565	5			
			26	161	3	44	15		20	16	1040	5			
			18	140	2	28	8		70	22	1125	5			
			19	152	1	30	9		140	22	1060	5			
			34	113	2	35	8		80	17	1230	5			
			26	211	1	24	7		50	12	1400	5			
			14	275	1	12	6		50	9	820	5			
L2+00N11+50E			12	172	2	8	6		120	11	380	10			
L0+00-0+00E			18	159	2	22	6		10	11	1290	5			
			20	154	2	33	7		90	15	1260	5			
			16	182	2	23	7		115	11	1240	5			
			16	158	1	29	6		55	9	1400	5			
			16	192	1	34	6		150	6	2400	5			
			15	128	2	20	6		90	12	1210	5			
			14	283	1	16	5		30	6	740	5			
			14	180	4	26	7		80	9	540	10			
			20	268	2	60	13		40	14	980	5			
			18	443	1	40	10		60	10	2150	10			
			18	230	2	12	7		80	8	865	5			
			16	148	2	18	8		40	14	525	5			
			12	109	1	10	6		30	13	420	5			
			17	198	3	12	6		110	15	1050	5			
			20	148	2	53	12		160	11	940	5			
			14	147	2	20	6		80	6	1060	5			
			18	228	2	24	10		50	16	2240	5			
			19	238	2	44	12		80	15	1100	5			
			26	234	2	41	11		30	9	2200	5			
			28	274	4	116	10		280	21	6370	5			
L0+00-10+00E			16	147	2	28	7		35	13	1120	5	40 Mesh		

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MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

1983

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample. No	Mo	Cd	Pb	Zn	Mo	Cu	Ag	Fe	Hg	As	Mn	Au				
Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L2+0.0S	3+0.0E		14	178	2	16	.7		65	6	1180	5				
	3+5.0		16	133	1	26	.7		110	6	1100	5				
	4+0.0		14	175	1	18	.6		70	4	860	5				
	4+5.0		16	82	2	30	.7		50	9	560	5				
	5+0.0		14	85	1	22	.6		90	4	420	5				
	5+5.0		18	96	2	26	.7		40	11	765	5				
	6+0.0		14	164	2	18	.7		20	7	850	5				
	6+5.0		18	85	3	36	.9		35	7	600	5				
	7+0.0		15	184	2	16	.7		10	15	1060	5				
	7+5.0		14	205	3	18	.9		70	6	560	5				
	8+0.0		19	137	4	28	1.1		50	13	900	5				
	8+5.0		16	171	2	22	1.0		100	10	1000	10				
	9+0.0		20	114	2	25	.9		100	6	980	5				
	9+5.0		16	103	2	32	.7		50	13	920	5				
	10+0.0		22	205	2	16	.7		30	9	860	5				
	10+5.0		14	171	3	19	.8		130	7	925	5				
	11+0.0		14	71	1	18	.6		30	10	470	5				
L2+0.0S	11+5.0E		22	145	2	34	1.2		110	19	2000	5				
L2+0.0N	0+5.0E		20	137	1	40	1.0		70	13	1200	10				
	1+0.0		21	685	4	44	1.0		60	11	2960	5				
	1+5.0		28	256	4	42	1.2		70	17	2230	5				
	2+0.0		19	250	4	30	1.2		170	14	2450	5				
	2+5.0		16	155	2	24	.9		50	15	980	5				
	3+0.0		19	317	3	24	1.0		60	20	2300	5				
	3+5.0		19	302	2	20	1.2		105	14	1290	5				
	4+0.0		14	138	1	16	.8		30	16	520	5				
	5+0.0		14	144	2	16	.9		50	10	730	10				
	5+5.0		24	213	3	14	.9		30	19	780	5				
	6+0.0		14	229	1	22	.8		45	14	1020	5				
L2+0.0N	6+5.0E		12	160	2	16	.8		40	13	640	5				

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PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-9814

1983.

ATTENTION:

Sample Number	Mo %	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb							
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	160
L4+00S0+50W			11	85	1	17	5		60	7	700	5			
	1+00		16	107	2	40	10		90	3	840	5			
	2+00		No Sample												
	3+00		22	157	1	34	13		130	<1	1030	5			
	3+50		15	95	1	22	8		90	6	560	5			
	4+00		15	100	1	23	8		90	11	615	5			
	4+50		10	82	1	20	6		50	4	420	5			
	5+00		10	112	1	17	16		80	2	420	5			
	5+50		12	91	1	18	16		30	<1	570	5			
	6+00		19	65	1	32	8		100	6	800	5			
L4+00S6+50W			14	153	1	19	8		70	<1	880	10			
L3+00S0+50W			13	114	1	22	7		110	4	1020	5			
	1+00		12	122	1	21	8		60	2	400	5			
	1+50		9	64	1	22	7		20	<1	720	5			
	3+00		6	92	1	17	6		150	<1	470	5			
	3+50		9	128	1	16	6		150	<1	480	5			
	4+00		13	74	1	22	5		90	7	700	10			
	4+50		12	143	2	17	16		30	<1	890	10			
	5+00		14	85	1	20	6		20	1	540	5			
	5+50		10	88	1	16	6		110	2	415	5			
	6+00		12	82	1	16	6		80	3	520	5			
L3+00S6+50W			12	77	1	22	16		40	5	600	5			
L3+00S0+00E			17	292	1	21	8		30	1	2600	5			
	0+50		12	198	1	17	7		100	<1	660	5			
	1+00		14	199	1	52	8		80	1	2500	5			
	1+50		11	134	1	13	5		50	<1	830	5			
	2+00		10	131	1	14	5		40	6	960	5			
	2+50		10	122	1	15	5		50	4	540	5			
	3+50		10	123	2	16	4		90	9	550	5			
L3+00S4+00E			11	98	1	22	4		20	6	660	5			

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PROJECT No.: Apex

MIN - EN Laboratories Ltd.

DATE: Apr. 27

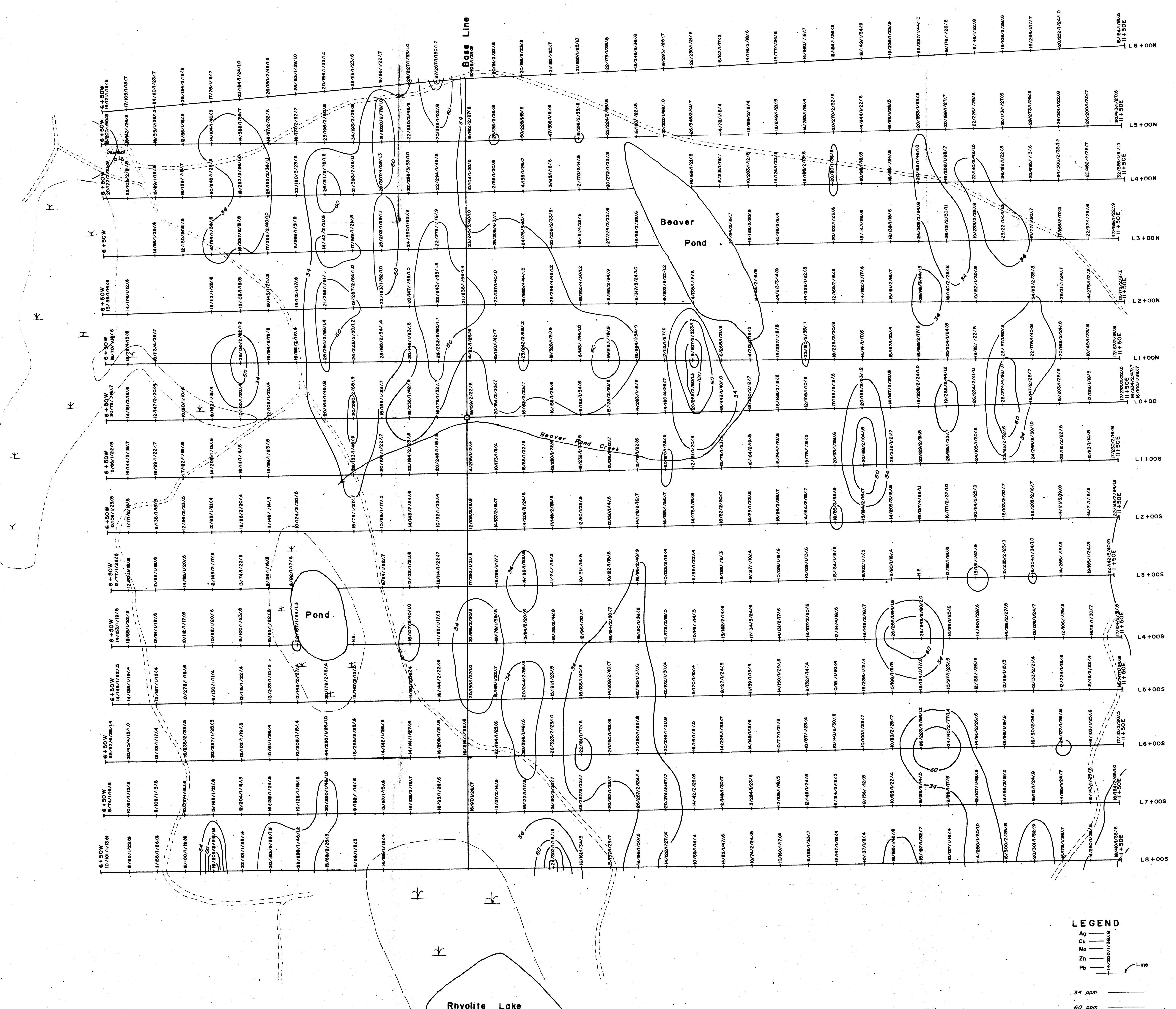
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1983.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample. No	Mo ppm	Cd ppm	Pb ppm	Zn ppm	Mo ppm	Cu ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
L4+00N	9+00E		22	140	2	42	15		70	15	1140	5				
	9+50		26	182	1	22	8		50	19	1850	5				
	10+00		25	695	1	13	6		120	18	2120	10				
	10+50		54	306	2	33	12		125	22	460	5				
	11+00		20	482	2	26	7		140	22	1150	10				
L4+00N	11+50E		32	585	1	31	15		90	29	1220	5				
L0+00-	0+50W		16	179	1	32	7		35	10	2130	5				
	1+00		18	235	1	42	9		110	7	2530	5				
	1+50		18	185	1	32	7		100	17	1920	5				
	2+00		20	260	2	68	9		70	8	2100	10				
	2+50		20	164	1	45	8		100	9	2400	5				
	3+50		12	108	1	25	4		50	6	700	10				
	4+00		10	100	1	20	4		70	7	880	5				
	4+50		8	162	1	15	4		60	5	820	5				
	5+00		10	90	1	10	4		80	14	360	5				
	5+50		12	147	2	20	4		120	15	500	5				
	6+00		14	151	2	13	6		80	4	600	5				
L0+00-	6+50W		20	76	1	16	7		20	13	380	5				
L5+00N	0+00E		16	162	2	27	6		20	14	1000	5				
	0+50		28	136	2	36	8		40	10	860	5				
	1+00		50	228	1	15	5		45	<1	1300	5				
	1+50		47	303	1	31	6		30	6	1160	5				
	2+00		18	216	2	35	8		65	8	1040	5				
L5+00N	2+50E		22	224	2	38	8		50	16	1380	5				
L5+00N	0+50W		20	322	1	52	8		70	8	2700	5				
	1+00		22	380	2	45	8		35	6	3200	5				
	1+50		21	1020	2	78	10		125	6	3900	5				
	2+00		34	193	2	29	8		30	7	1280	5				
L5+00N	2+50W		23	196	2	30	6		40	2	1990	5				

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LEGEND

Ag	—
Cu	—
Mo	—
Zn	—
Pb	—
Line	—

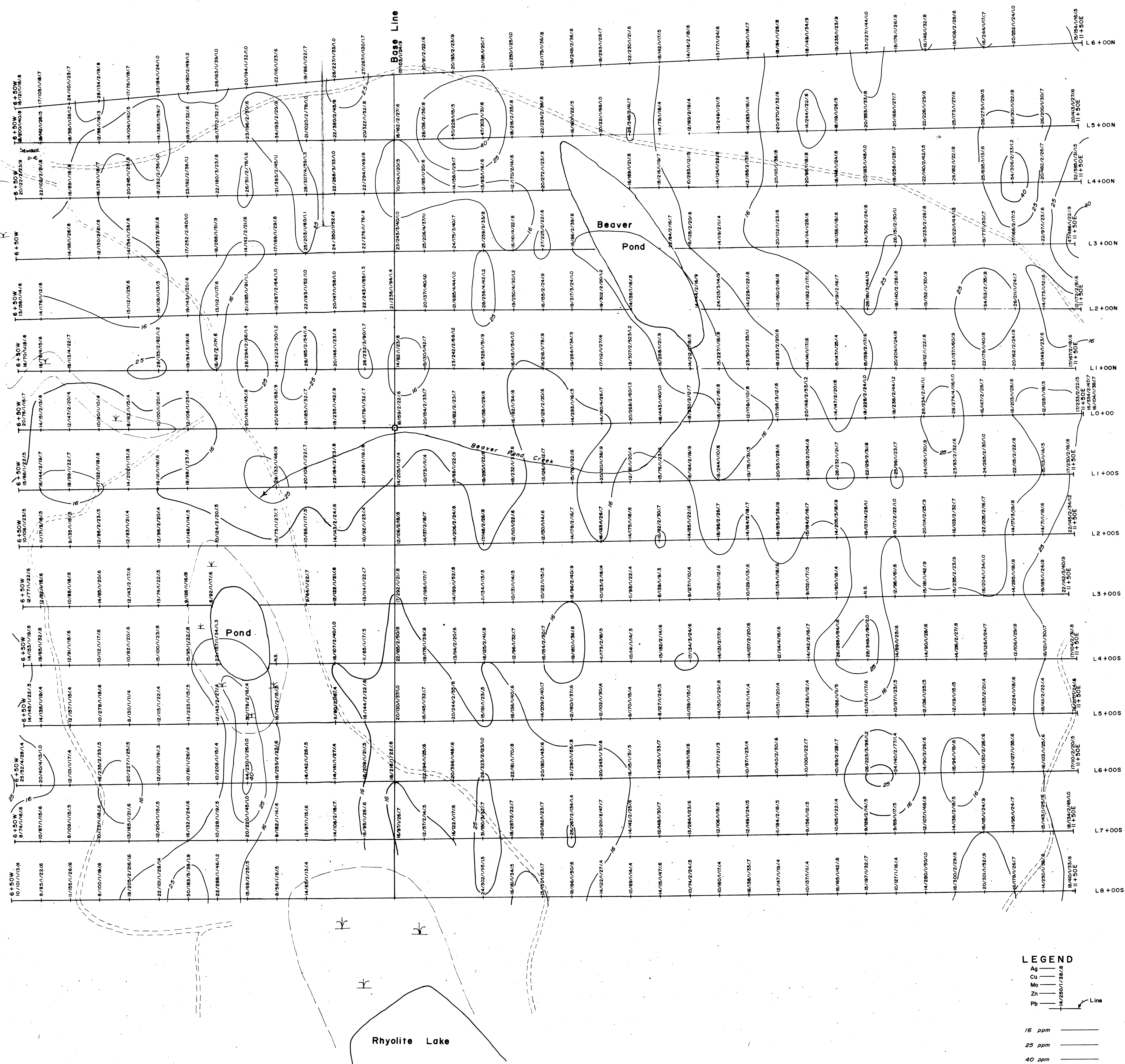
34 ppm	—
60 ppm	—
100 ppm	—
> 100 ppm	—

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,504

Fig 1.

APEX MINERAL PROPERTY	
Owner: Baril Dev. Ltd.	
Cu Soil Geochemical Results	
Date: April 1983	Scale 1:2500 1" = 50 METERS
	Drawn: J.T.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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LEGEND

Ag	_____
Cu	_____
Mo	_____
Zn	_____
Pb	_____

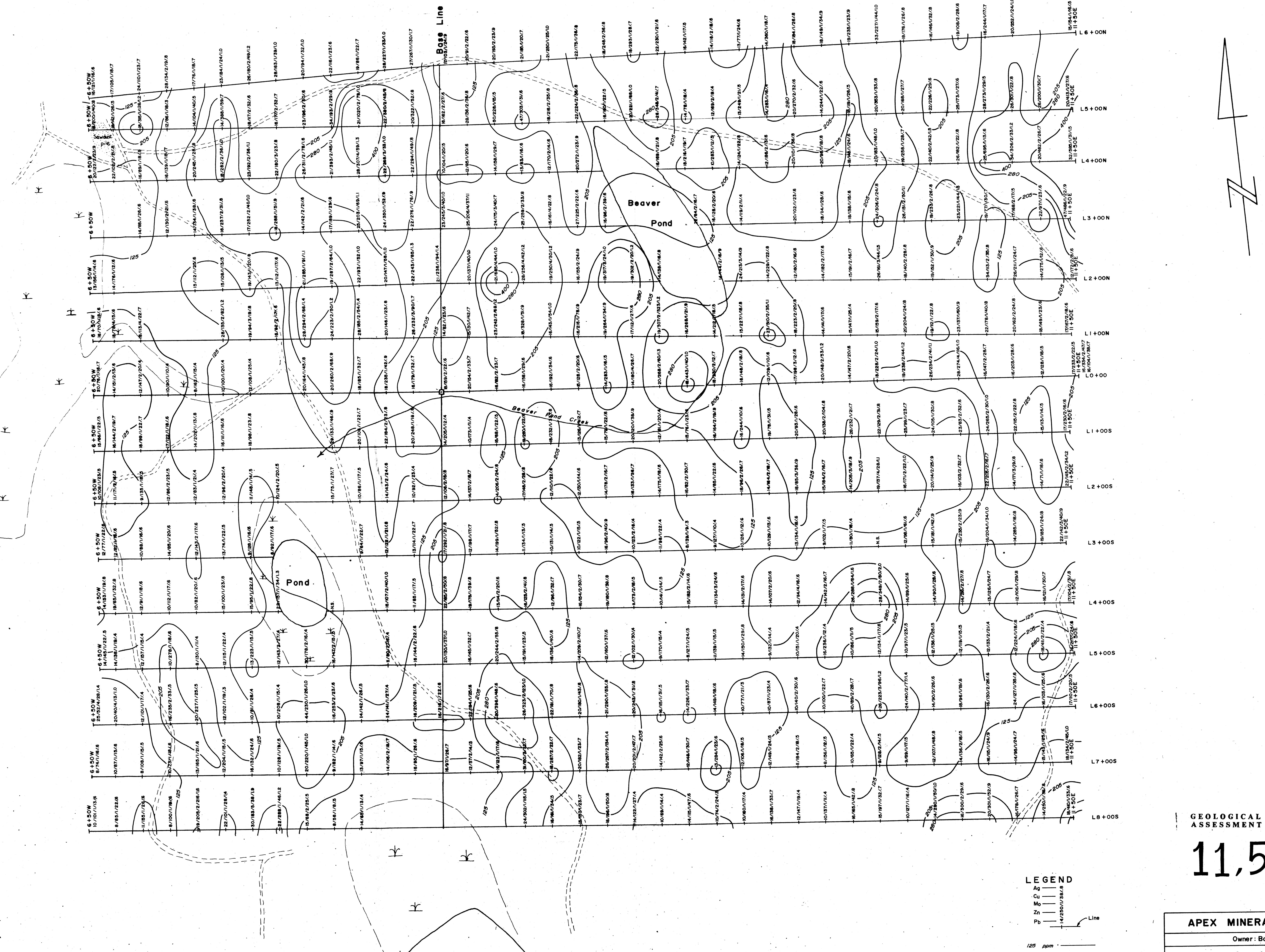
16 ppm _____

25 ppm _____

40 ppm _____

APEX MINERAL PROPERTY	
Owner: Baril Dev. Ltd.	
Pb Soil Geochemical Results	
Scale 1:2500	Drawn: J.T.
Date: April 1983	

Fig. 2



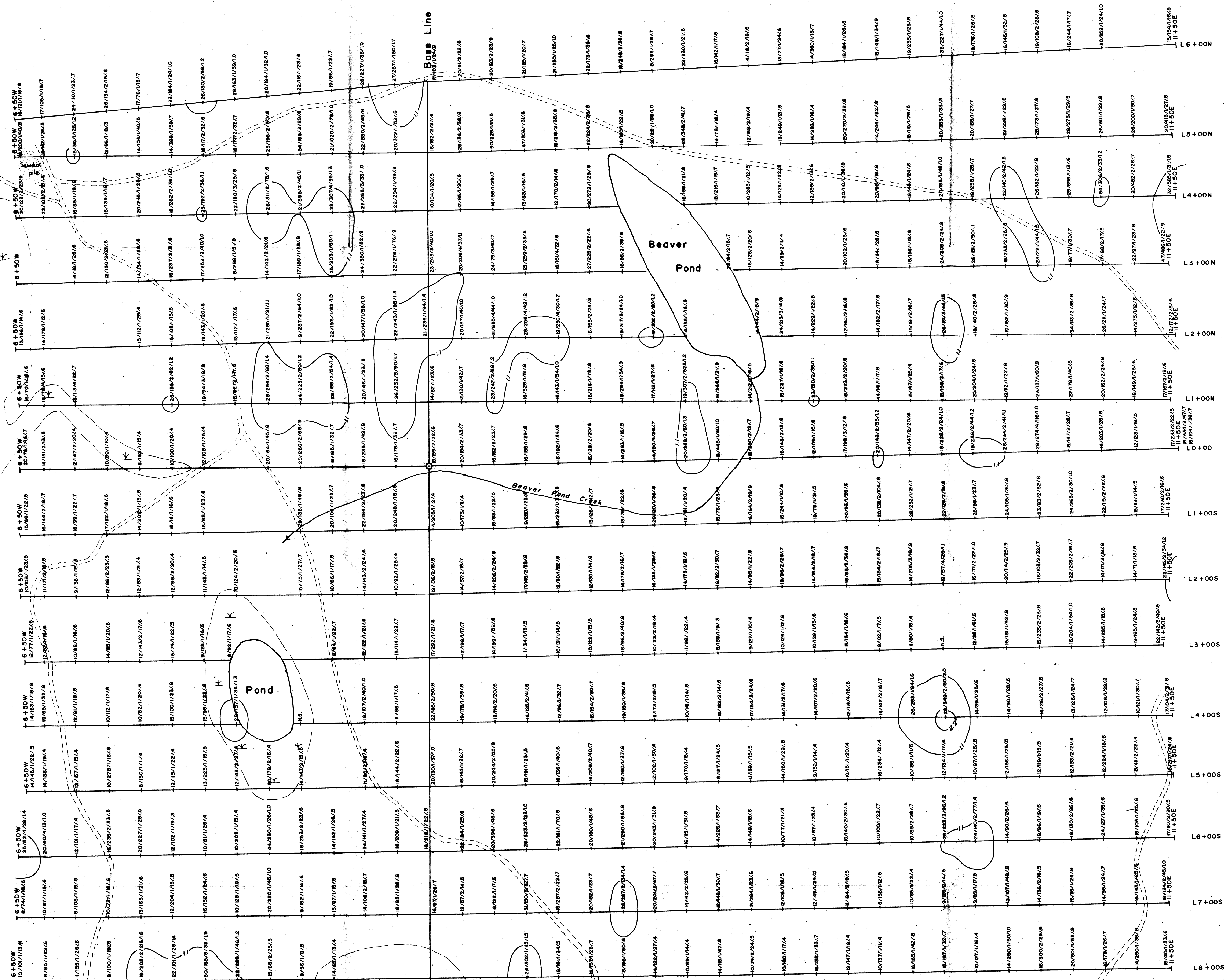
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,504

LEGEND
 Ag
 Cu
 Mo
 Zn
 Pb
 Line
 125 ppm
 205 ppm
 280 ppm
 415 ppm

Fig. 3.

APEX MINERAL PROPERTY	
Owner: Baril Dev. Ltd.	
Zn Soil Geochemical Results	
Date: April 1983	Scale 1:2500 METRES Drawn: J.T.



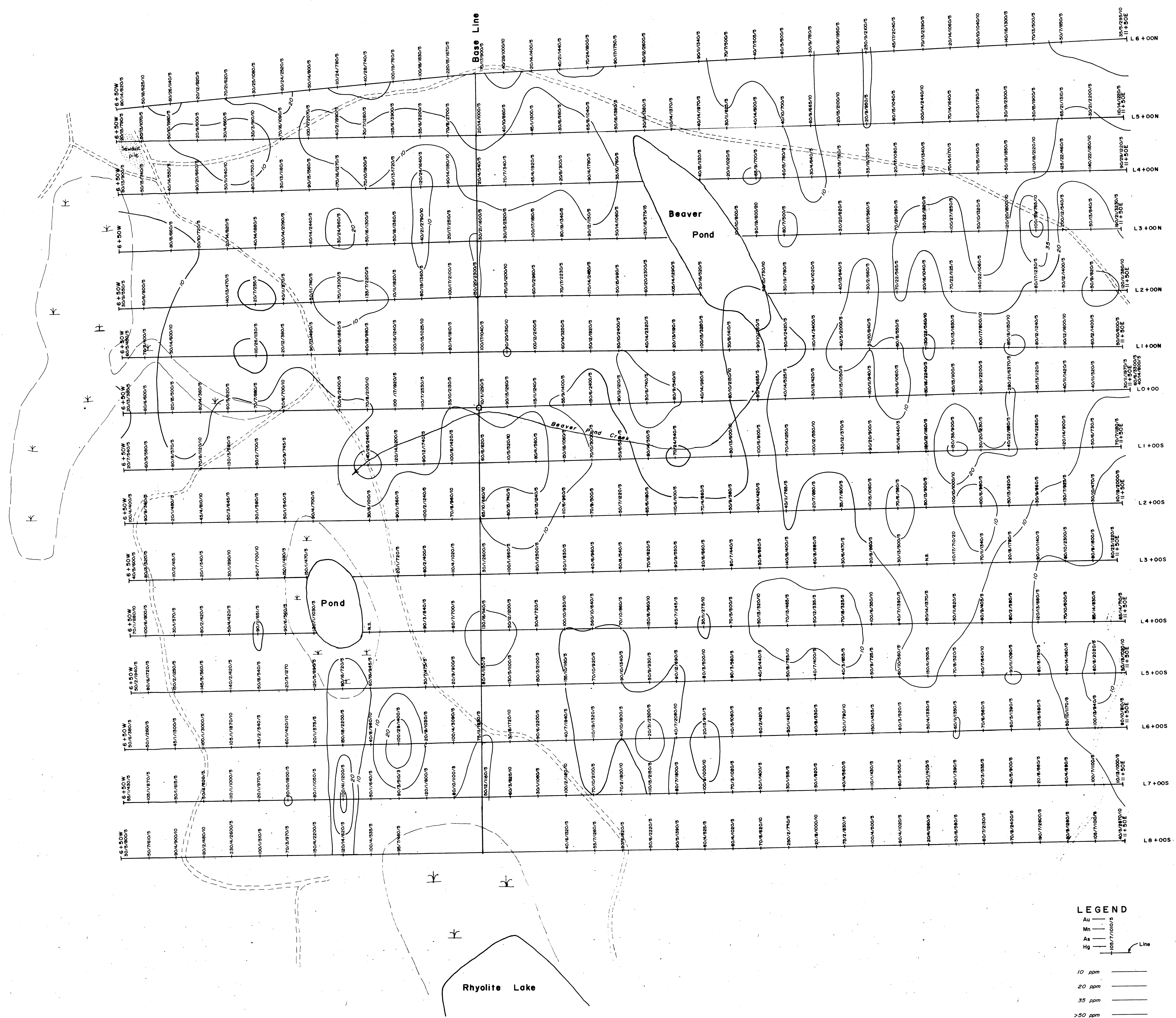
LEGEND
 Ag ———
 Cu ———
 Zn ———
 Mn ———
 Pb ———
 ——— Line
 1.1 ppb
 2.2 ppb

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

11,504

Fig. 4.

APEX MINERAL PROPERTY	
Owner: Baril Dev. Ltd.	
Ag Soil Geochemical Results	
Date: April 1983	Scale: 1:2500 1" = 25 METERS
Drawn: J.T.	



GEOLOGICAL BRANCH
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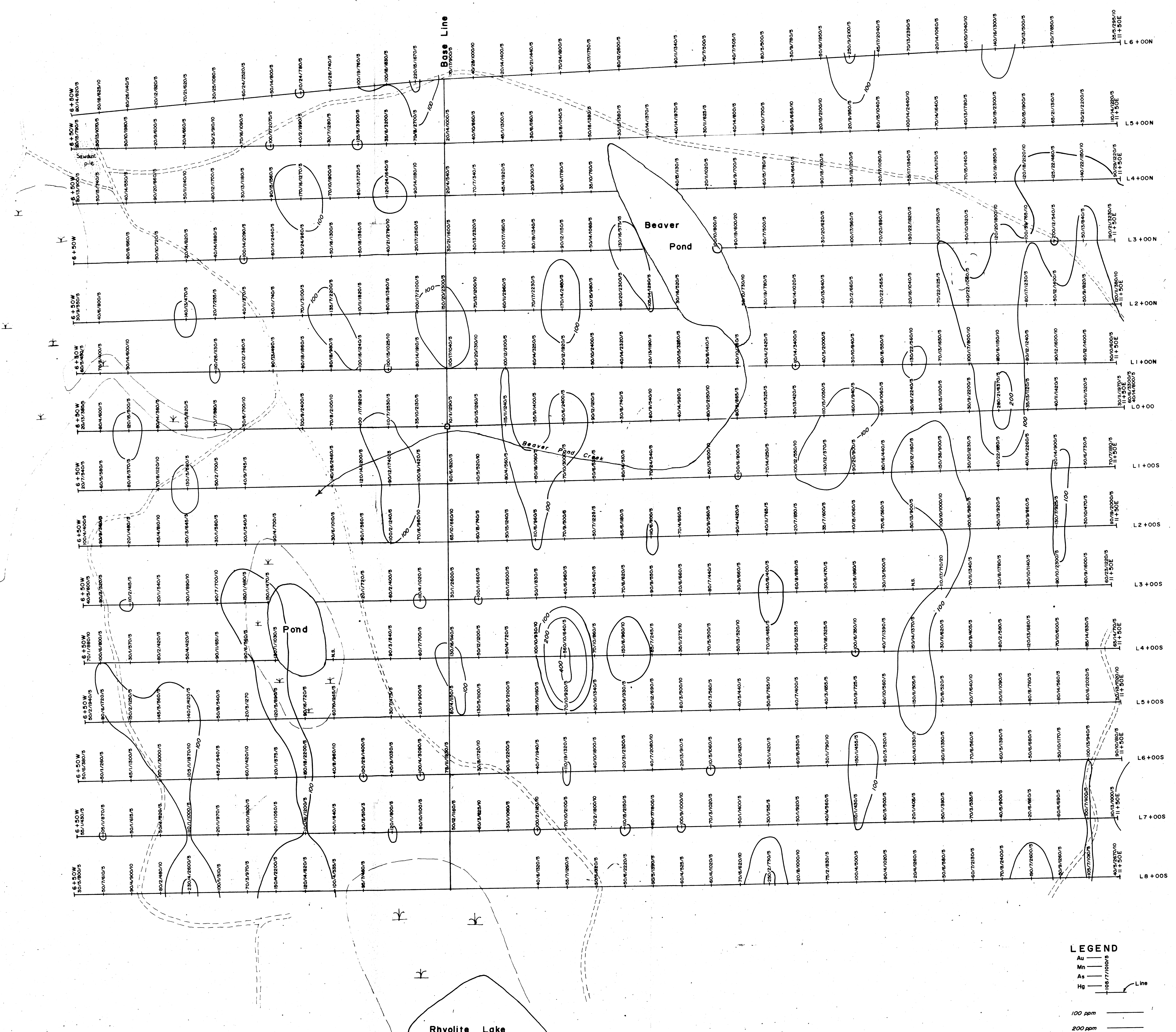
LEGEND
 Au —
 Mn —
 As —
 Hg —
 10 ppm —
 20 ppm —
 35 ppm —
 >50 ppm —

Fig. 5.

APEX MINERAL PROPERTY
 Owner: Baril Dev. Ltd.

As Soil Geochemical Results

Scale 1:2500
 Date: April 1983
 Drawn: J.T.



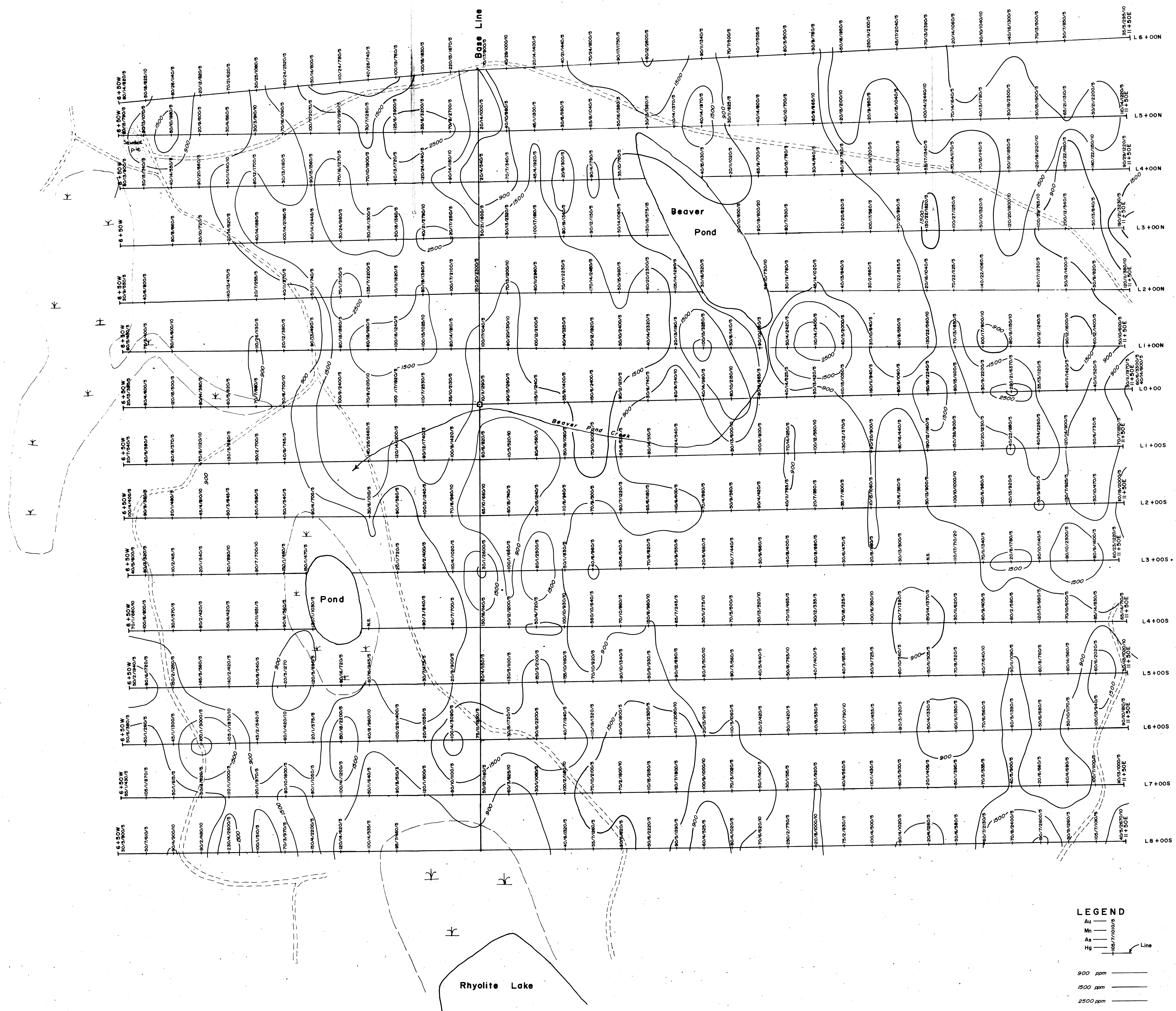
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,504

LEGEND
 Au
 Mn
 As
 Hg
 Line
 100 ppm
 200 ppm
 400 ppm

Fig. 6.

APEX MINERAL PROPERTY	
Owner: Baril Dev. Ltd.	
Hg Soil Geochemical Results	
Date: April 1983	Scale: 1:2500 Drawn: J.T.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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- LEGEND**
- Au —————
 - Mn —————
 - As —————
 - Hg —————
- Line
- 900 ppm —————
 - 1800 ppm —————
 - 2500 ppm —————
 - 5000 ppm —————

Fig. 7.

APEX MINERAL PROPERTY	
Owner: Baril Dev. Ltd.	
Mn Soil Geochemical Results	
Date: April 1983	Scale 1:2500 METRES
Drawn: J.T.	