

GEOCHEMICAL AND STATISTICAL
REPORT

on the

ALPINE GLACIER GROUP

located

Southwest of Lytton

Latitude 50°10'N Longitude 120°50'W

N.T.S. 92I/4

Kamloops Mining Division

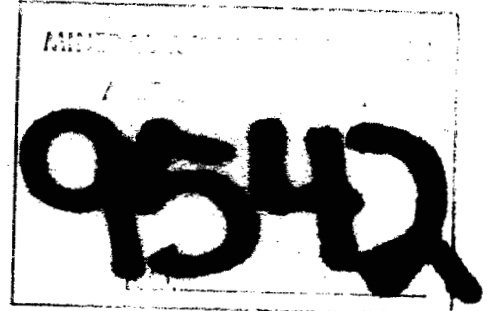
on behalf of

AQUARIUS RESOURCES LIMITED

by

G.H. Giroux, P.Eng.

September 1, 1981



AQUARIUS RESOURCES LTD.



TABLE OF CONTENTS

	<u>PAGE</u>
1.0 SUMMARY AND CONCLUSIONS	1
2.0 INTRODUCTION	2
3.0 LOCATION AND ACCESS	3
4.0 CLAIM INFORMATION	5
5.0 HISTORY	7
6.0 GEOLOGY	8
7.0 GEOCHEMISTRY	10
7.1 Statistics	10
7.2 Discussion	23
8.0 COST STATEMENT	24
9.0 CERTIFICATE	25
10.0 BIBLIOGRAPHY	26



	<u>FIGURES</u>	<u>PAGE</u>
1.	Location Map	4
2.	Claim Map	6
3.	Regional Geology	9
4.	Detailed Geology	Pocket
5.	Gold Geochemistry	Pocket
6.	Histograms - Gold	11
7.	Cumulative Distribution Curve - Gold	13
8.	Silver Geochemistry	Pocket
9.	Histograms - Silver	14
10.	Cumulative Distribution Curve - Silver	15
11.	Arsenic Geochemistry	Pocket
12.	Histograms - Arsenic	17
13.	Cumulative Distribution Curve - Arsenic	18
14.	Regression line of Arsenic versus Silver	20
15.	Regression line of Arsenic versus Gold	21
16.	Regression line of Silver versus Gold	22

APPENDICES

I.	Geochemical Results 1979	27
II.	Geochemical Results 1981	28



1.0 SUMMARY AND CONCLUSIONS

1.1 Aquarius Resources Limited of Vancouver owns title to the Alpine Group of mineral claims consisting of 36 units.

1.2 The claims are located 20 air kilometers southwest of Lytton, British Columbia.

1.3 The claims cover a series of open cuts and a 40 foot adit completed in 1929 to explore a quartz vein in argillite.

1.4 The vein system is in slates and argillites adjacent to the coast range granodiorite and parallels a belt of ultrabasic rocks.

1.5 Geochemical samples collected in 1979 were analyzed for silver and arsenic.

1.6 Data consisting of gold, silver and arsenic values were examined using probability plots to try and locate additional exploration targets.

1.7 Results indicated possible extension of the known vein system to the northeast and an area of anomalous silver values completely removed from previously known mineralization.



2.0 INTRODUCTION

This report was written for Aquarius Resources Limited on the Alpine Glacier Group of 3 mineral claims (36 units) southwest of Lytton, British Columbia.

The report consists of a statistical study of geochemical samples originally collected in 1979 and analyzed for gold.

In July of 1981 the samples were re-submitted to Min-En Laboratories and test for arsenic and silver.

The purpose of this study was to try and extend known gold mineralization and locate new mineralization by trace elements.



3.0 LOCATION AND ACCESS

The Alpine Glacier Group of mineral claims is located 20 air kilometers southwest of Lytton, British Columbia (see Figure 1). The claims straddle a ridge between North Kwoiek Creek and Kwoiek Creek in the Coast Mountains.

The topography consists of rugged peaks and steep valleys. Timber line is approximately 2000 meters above which alpine meadows are found.

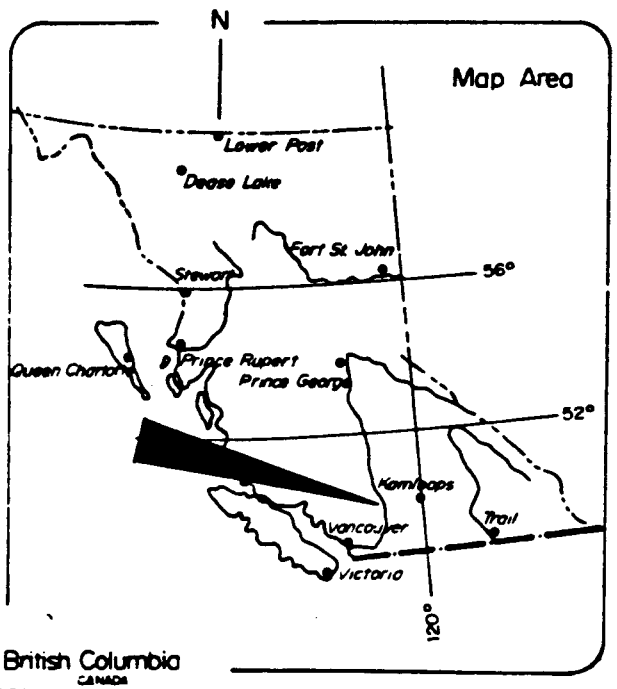
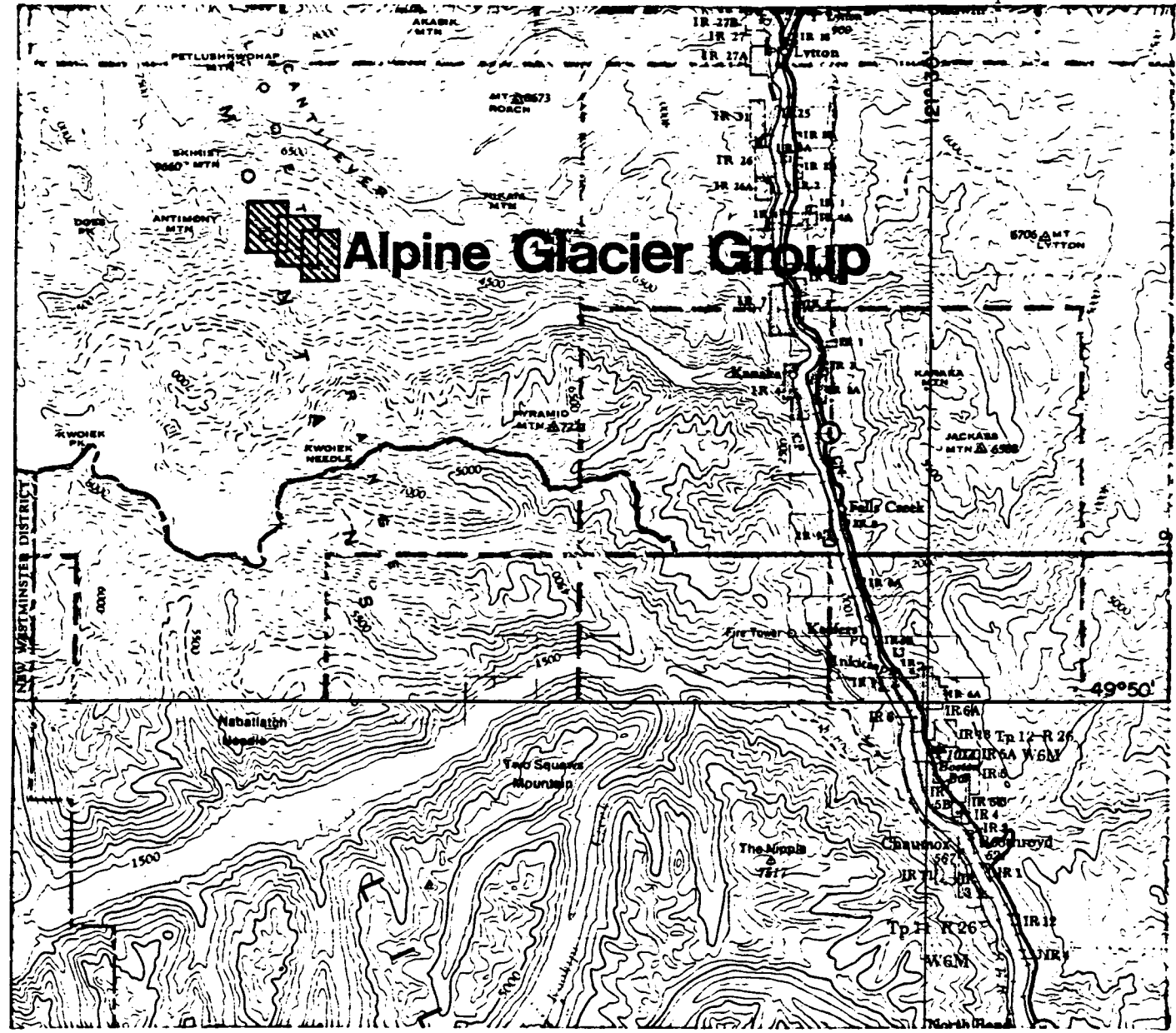
Access to the area is via ferry at Lytton or North Bend along four-wheel drive road to the mouth of Kwoiek Creek, and by good logging roads up the creek valley as far as Kokwasky Creek (see Figure 2).


Direct access to the claims is by helicopter from bases either in Lytton, Hope or Agassiz British Columbia.

Latitude 50°10'N Longitude 120°50'W

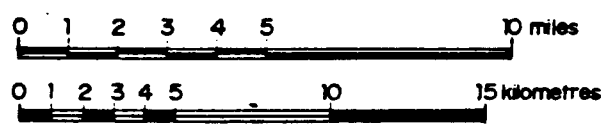
N.T.S. Map 92I/4






AQUARIUS RESOURCES LTD.
 Alpine Glacier Group Kamloops M.D. 921/4
 Figure 1
 Location Map

Scale : 1 to 250,000 or 1 inch equals approx. 4 miles.



4.0 CLAIM INFORMATION

The Alpine and Bozo claims are owned by Aquarius Resources Limited of Vancouver, B.C.

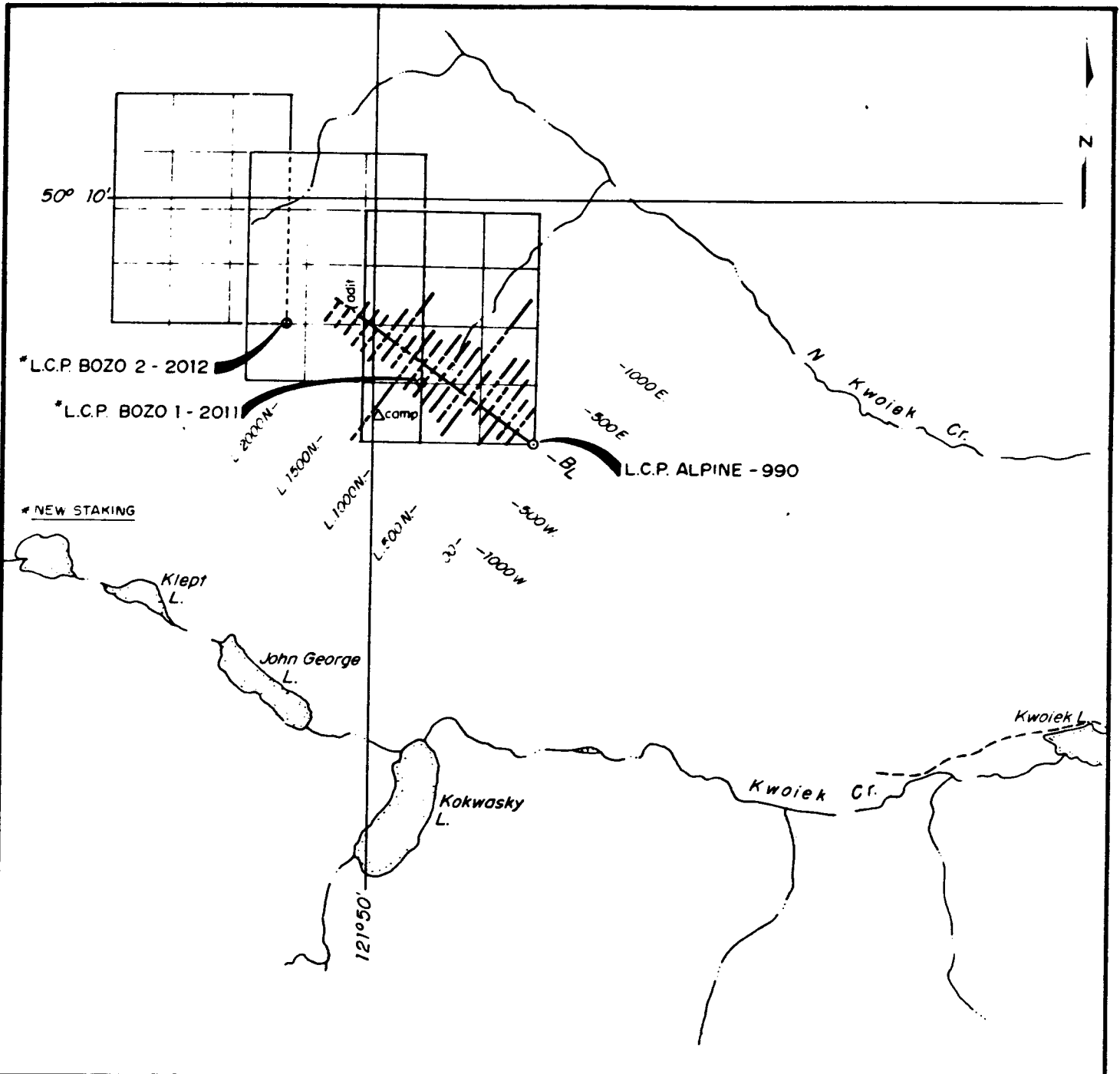
The following table describes the pertinent claim information.

Claim Name	No. of Units	Record No.	*Expiry Date	**Expiry Date
Alpine	12	990	Aug.18/81	Aug.18/82
Bozo No.1	12	2011	Aug.16/81	Aug.16/82
Bozo No.2	12	2012	Aug.16/81	Aug.16/82

* Before Assessment Work

** After Assessment Work credits





AQUARIUS RESOURCES LTD.

ALPINE GLACIER GROUP, Kwoiek Cr. Area
Kamloops Mining Division N.T.S. 921/4

CLAIMS MAP

FIGURE 2



5.0 HISTORY

The first recorded work in the claims area was reported in the Minister of Mines Annual Report 1929. Work was centered around a quartz vein in argillite that was traced for 800 feet. Samples from the vein varied from trace to .16 oz/ton gold and from .04 to 13.2 oz/ton silver. The vein was explored by a series of open cuts and a 40 foot adit.

A work program by Longbar Minerals Ltd. in 1978 consisted of prospecting, soil and rock sampling in the vicinity of the old workings. Values in excess of .5 oz/ton gold were taken across vein width of up to 4 meters.

In 1979 Aquarius Resources Limited established a 14 line kilometers grid on the Alpine Group. Soil samples were taken at 50 meter intervals on lines spaced 100 meters apart. A total of 273 soil samples from the B Horizon were collected and analyzed for gold. Additional work consisted of reconnaissance prospecting and geologic mapping.



6.0 GEOLOGY

The geology of the claim area has been described by S. Duffell and K.C. McTaggart in 1952 (see Figure 3). The claims overlie the contact between Coast Range Lower Cretaceous Granodiorite and Triassic or earlier phyllites, lithologically similar to the Ladner slates. The phyllites are also intruded by the Coquihalla Serpentine Belt which is made up of a variety of basic and ultrabasic rocks.

The geology on the Alpine Group was mapped in 1979 and is shown in Figure 4. Outcrop is sparse in the lower portions of the cirque, there is good exposure along the ridges.

The mineralization consists of arsenopyrite with minor gold and silver with massive sugary texture quartz veins.

While the main interest in the past has been centered on the quartz veins the current work is exploring the possibility of a large replacement gold deposit similar to Carolin in the slates and phyllites.





FIGURE 3

AQUARIUS RESOURCES LTD.

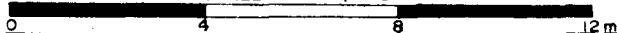
ALPINE PROJECT—GEOLOGY MAP

LEGEND

- | | | |
|--|---|----------------|
| A—Hornblende diorite and related rocks | B—Serpentized ultrabasic rock | 3—Granodiorite |
| 8—Phyllite, quartzite, limestone; greenstone; schist | 10—Phyllite, argillite, conglomerate, greywacke | |

NOTE Geology from map 1010A
NTS 921W Mem 262

SCALE 1 : 253,440



7.0 GEOCHEMISTRY

A total of 258 soil samples were taken on the Alpine Group in 1979. The samples originally tested for gold were re-submitted to Min-En Laboratories and analyzed for silver and arsenic. Silver was detected by nitric perchloric digestion and atomic absorption analysis. Arsenic was measured by spectrophotometric analysis.

The writer was asked by Aquarius Resources Limited to review the data and complete a statistical study of the results to try and locate additional targets.

7.1 Statistics

A total of 258 samples analyzed for gold had a mean of 20.67 ppb and a standard deviation of 64.5. The values are plotted on figure 5 and listed in Appendix I.

An arithmetic histogram of the data was positively skewed. A histogram of logarithmic values showed the data approached a lognormal distribution (see Figure 6).



AQUARIUS RESOURCES LIMITED -- ALPINE PROJECT --

NUMBER OF VALUES IS 258 VARIABLE NAME IS: AU
 CALCULATED PARAMETERS: MEAN= 20.67 STD.DEV.= 64.47 VARIANCE= 4157. NO. VALUES= 258

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES	LOG LIMIT
1		0	0.0		
2	-132.5	0	0.0		0.2764E+09
3	-116.3	0	0.0		0.2764E+09
4	-100.2	0	0.0		0.2764E+09
5	-84.10	0	0.0		0.2764E+09
6	-67.99	0	0.0		0.2764E+09
7	-51.87	0	0.0		0.2764E+09
8	-35.75	0	0.0		0.2764E+09
9	-19.63	0	0.0		0.2764E+09
10	-3.511	197	76.4	*****	0.2764E+09
11	12.61	33	12.8	*****	1.101
12	28.73	8	3.1	***	1.458
13	44.84	4	1.6	**	1.652
14	60.96	4	1.6	**	1.785
15	77.08	3	1.2	*	1.887
16	93.20	0	0.0		1.969
17	109.3	1	0.4		2.039
18	125.4	0	0.0		2.098
19	141.6	2	0.8	*	2.151
20	157.7	0	0.0		2.198
21	173.8	6	2.3	**	2.240

LOG VALUES.....: MEAN= 0.8273 STD.DEV.= 0.5581 VARIANCE= 0.3115 NO. VALUES= 258

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES	ARITH.LIMIT
1		0	0.0		
2	-0.4983	0	0.0		0.3175
3	-0.3588	0	0.0		0.4378
4	-0.2192	0	0.0		0.6036
5	-0.7970E-01	47	18.2	*****	0.8323
6	0.5983E-01	0	0.0		1.148
7	0.1994	0	0.0		1.583
8	0.3389	0	0.0		2.182
9	0.4784	0	0.0		3.009
10	0.6180	109	42.2	*****	4.149
11	0.7575	0	0.0		5.721
12	0.8970	41	15.9	*****	7.889
13	1.037	0	0.0		10.88
14	1.176	22	8.5	*****	15.00
15	1.316	11	4.3	****	20.68
16	1.455	6	2.3	**	28.52
17	1.595	5	1.9	**	39.33
18	1.734	3	1.2	*	54.23
19	1.874	5	1.9	**	74.77
20	2.013	1	0.4		103.1
21	2.153	8	3.1	***	142.2

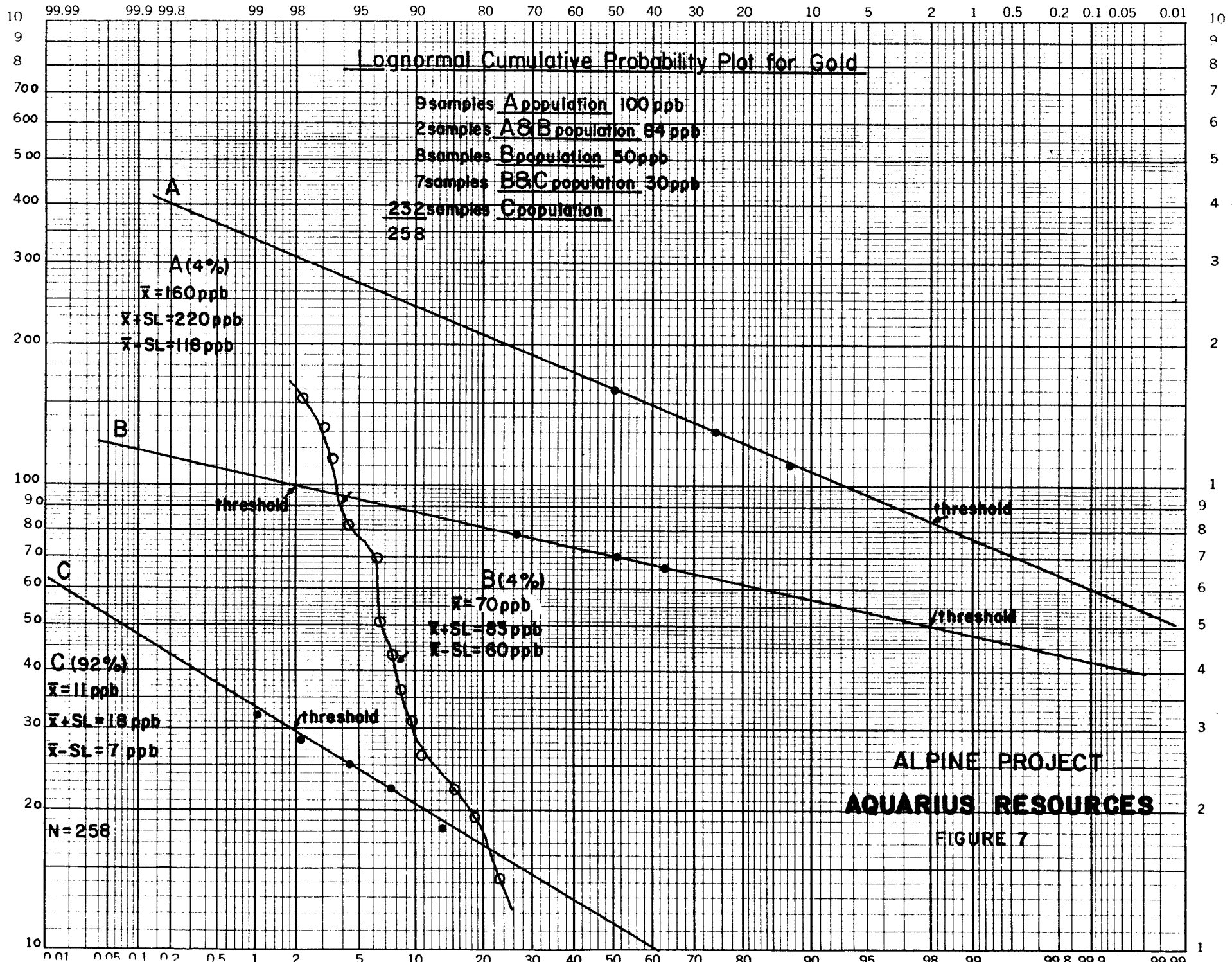
Figure 6

A lognormal cumulative distribution curve was plotted for gold (see Figure 7). Three populations were partitioned out of the total data set. An upper or anomalous gold population (9 samples) had a mean of 160 ppb; an intermediate population (8 samples) had a mean of 70 ppb and a lower or background population (232 samples) had a mean of 11 ppb. Thresholds of 100 ppb, 84ppb, 50 ppb and 30 ppb were chosen to contour the three populations.

Silver values had a mean of .93 ppm and a standard deviation of .402. The results are plotted in Figure 8 and listed in Appendix II.

The arithmetic histogram for silver (figure 9) shows the values are representative of a normal distribution. An arithmetic cumulative distribution curve was therefore chosen to partition the data (figure 10). Again three populations are present: an upper population with mean of 2.1 ppm; a intermediate population with mean of 1.4 ppm and a lower population with mean of .86 ppm. Thresholds of 1.7 ppm, 1.62 ppm, 1.24 ppm and 1.06 ppm were chosen to separate the three populations.





AQUARIUS RESOURCES LIMITED -- ALPINE PROJECT --

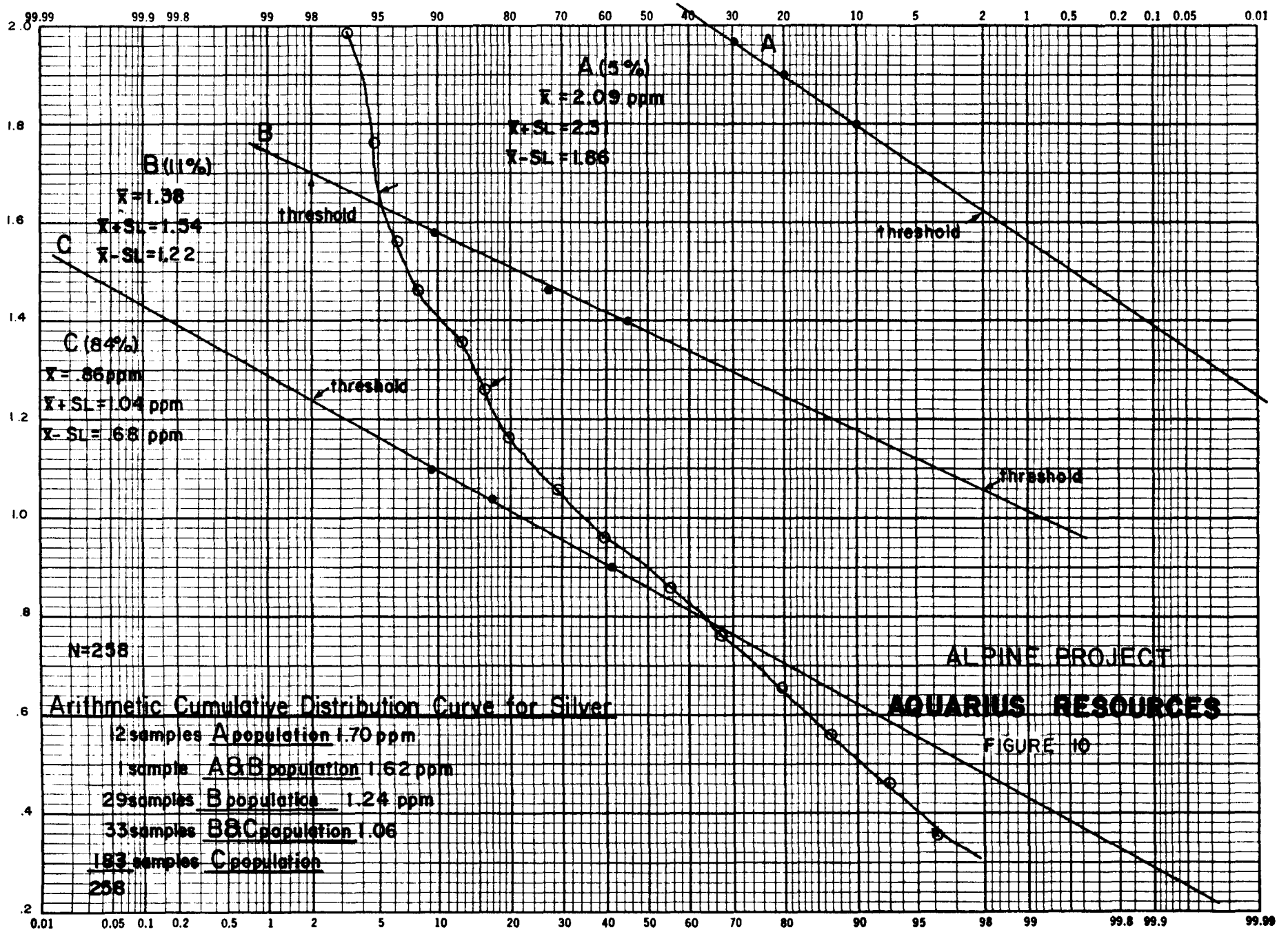
NUMBER OF VALUES IS 258 VARIABLE NAME IS: AG
 CALCULATED PARAMETERS: MEAN= 0.9349 STD.DEV.= 0.4023 VARIANCE= 0.1618 NO.VALUES= 258

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES	LOG LIMIT
1		0	0.0		
2	-0.2051E-01	0	0.0		0.2764E+09
3	0.8006E-01	0	0.0		-1.097
4	0.1806	1	0.4		-0.7432
5	0.2812	9	3.5	***	-0.5510
6	0.3818	8	3.1	***	-0.4182
7	0.4823	17	6.6	*****	-0.3167
8	0.5829	17	6.6	*****	-0.2344
9	0.6835	31	12.0	*****	-0.1653
10	0.7840	32	12.4	*****	-0.1057
11	0.8846	41	15.9	*****	-0.5326E-01
12	0.9852	28	10.9	*****	-0.6494E-02
13	1.086	23	8.9	*****	0.3572E-01
14	1.186	10	3.9	****	0.7419E-01
15	1.287	8	3.1	***	0.1095
16	1.387	15	5.8	*****	0.1422
17	1.488	2	0.8	*	0.1726
18	1.589	3	1.2	*	0.2010
19	1.689	1	0.4		0.2277
20	1.790	2	0.8	*	0.2528
21	1.890	10	3.9	****	0.2765

LOG VALUES.....: MEAN= -0.6680E-01 STD.DEV.= 0.1840 VARIANCE= 0.3385E-01 NO. VALUES= 258

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES	ARITH.LIMIT
1		10	3.9	****	
2	-0.5038	0	0.0		0.3135
3	-0.4578	0	0.0		0.3485
4	-0.4118	8	3.1	***	0.3874
5	-0.3658	0	0.0		0.4307
6	-0.3198	17	6.6	*****	0.4789
7	-0.2738	0	0.0		0.5324
8	-0.2278	17	6.6	*****	0.5918
9	-0.1818	31	12.0	*****	0.6580
10	-0.1358	32	12.4	*****	0.7315
11	-0.8980E-01	41	15.9	*****	0.8132
12	-0.4380E-01	28	10.9	*****	0.9041
13	0.2197E-02	23	8.9	*****	1.005
14	0.4820E-01	10	3.9	****	1.117
15	0.9419E-01	8	3.1	***	1.242
16	0.1402	17	6.6	*****	1.381
17	0.1862	4	1.6	**	1.535
18	0.2322	2	0.8	*	1.707
19	0.2782	5	1.9	**	1.898
20	0.3242	2	0.8	*	2.110
21	0.3702	3	1.2	*	2.345

Figure 9



Samples analyzed for arsenic had an mean of 97 ppm and a standard deviation of 210.2. The results are plotted in Figure 11 and listed in Appendix II.

An arithmetic histogram for arsenic shows the values are positively skewed. When a histogram of logarithmic values was plotted (see Figure 12) the data approximated a lognormal distribution. The arsenic values were then plotted on lognormal cumulative distribution curve and three populations were partitioned. The upper or anomalous population had a mean of 940 ppm, the intermediate had a mean of 350 ppm and the lower or background population had a mean of 54 ppm. Thresholds were chosen at the 2 and 98 percentiles to separate the populations.

All the parameters are summarized in the following table.

Element	Population	No. Samples	Mean	Threshold
Au	A	9	160 ppb	$A > 100$ ppb
	A+B	2		$100 < A+B > 84$
	B	8	70 ppb	$84 < B > 50$
	B+C	7		$50 < B+C > 30$
	C	232	11 ppb	$30 < C$
Ag	A	12	2.9 ppm	$A > 1.70$
	A+B	1		$1.70 < A+B > 1.62$
	B	29	1.38ppm	$1.62 < B > 1.24$
	B+C	33		$1.24 < B+C > 1.06$
	C	183	.86ppm	$1.06 < C$



AQUARIUS RESOURCES LIMITED -- ALPINE PROJECT --

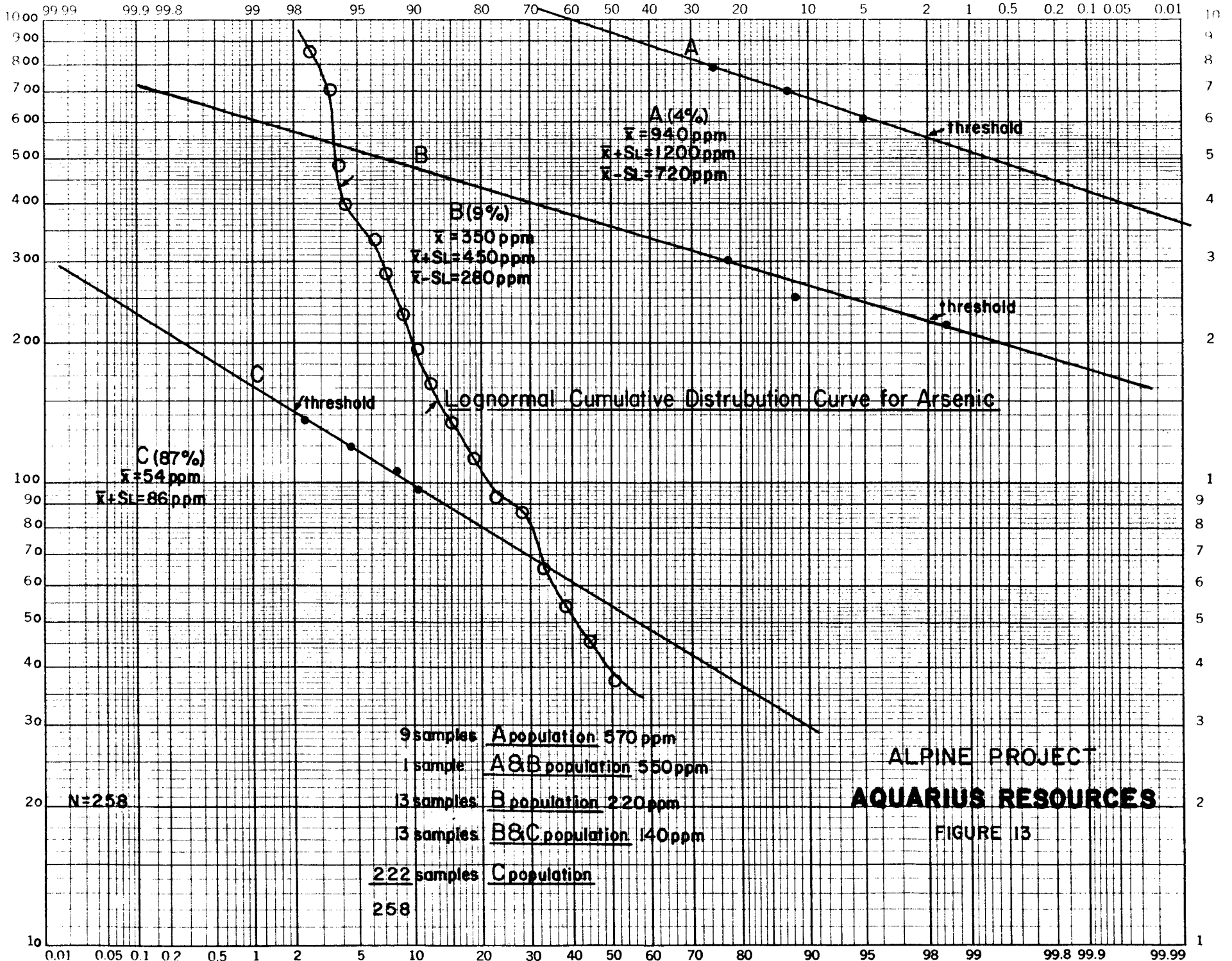
NUMBER OF VALUES IS 258 VARIABLE NAME IS: AS
 CALCULATED PARAMETERS: MEAN= 97.80 STD.DEV.= 210.2 VARIANCE= 0.4417E+05 NO. VALUES= 258

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES	LOG LIMIT
1		0	0.0		
2	-401.4	0	0.0		0.2764E+09
3	-348.8	0	0.0		0.2764E+09
4	-296.3	0	0.0		0.2764E+09
5	-243.7	0	0.0		0.2764E+09
6	-191.2	0	0.0		0.2764E+09
7	-138.6	0	0.0		0.2764E+09
8	-86.10	0	0.0		0.2764E+09
9	-33.56	85	32.9	*****	0.2764E+09
10	18.99	94	36.4	*****	1.278
11	71.53	39	15.1	*****	1.854
12	124.1	13	5.0	*****	2.094
13	176.6	4	1.6	**	2.247
14	229.2	5	1.9	**	2.360
15	281.7	2	0.8	*	2.450
16	334.2	3	1.2	*	2.524
17	386.8	3	1.2	*	2.587
18	439.3	0	0.0		2.643
19	491.9	1	0.4		2.692
20	544.4	0	0.0		2.736
21	597.0	9	3.5	***	2.776

LOG VALUES.....: MEAN= 1.531 STD.DEV.= 0.6372 VARIANCE= 0.4060 NO. VALUES= 258

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES	ARITH. LIMIT
1		10	3.9	****	
2	0.1785E-01	0	0.0		1.042
3	0.1772	2	0.8	*	1.504
4	0.3365	1	0.4		2.170
5	0.4958	6	2.3	**	3.132
6	0.6551	11	4.3	****	4.519
7	0.8144	17	6.6	*****	6.522
8	0.9737	21	8.1	*****	9.412
9	1.133	20	7.8	*****	13.58
10	1.292	24	9.3	*****	19.60
11	1.452	22	8.5	*****	28.29
12	1.611	31	12.0	*****	40.82
13	1.770	24	9.3	*****	58.91
14	1.929	28	10.9	*****	85.02
15	2.089	14	5.4	*****	122.7
16	2.248	6	2.3	**	177.1
17	2.407	7	2.7	***	255.5
18	2.567	4	1.6	**	368.7
19	2.726	2	0.8	*	532.1
20	2.885	5	1.9	**	767.9
21	3.045	3	1.2	*	1108.

Figure 12



Element	Population	No. Samples	Mean	Threshold
As	A	9	940ppm	A > 570
	A+B	1		570 < A+B > 550
	B	13	350ppm	550 < B > 220
	B+C	13		220 < B+C > 140
	C	222	54ppm	140 < C

The correlation matrix between three elements is listed below:

	Ag	As	Au
Ag	1.0000		
As	0.2792	1.0000	
Au	0.2731	0.6766	1.0000

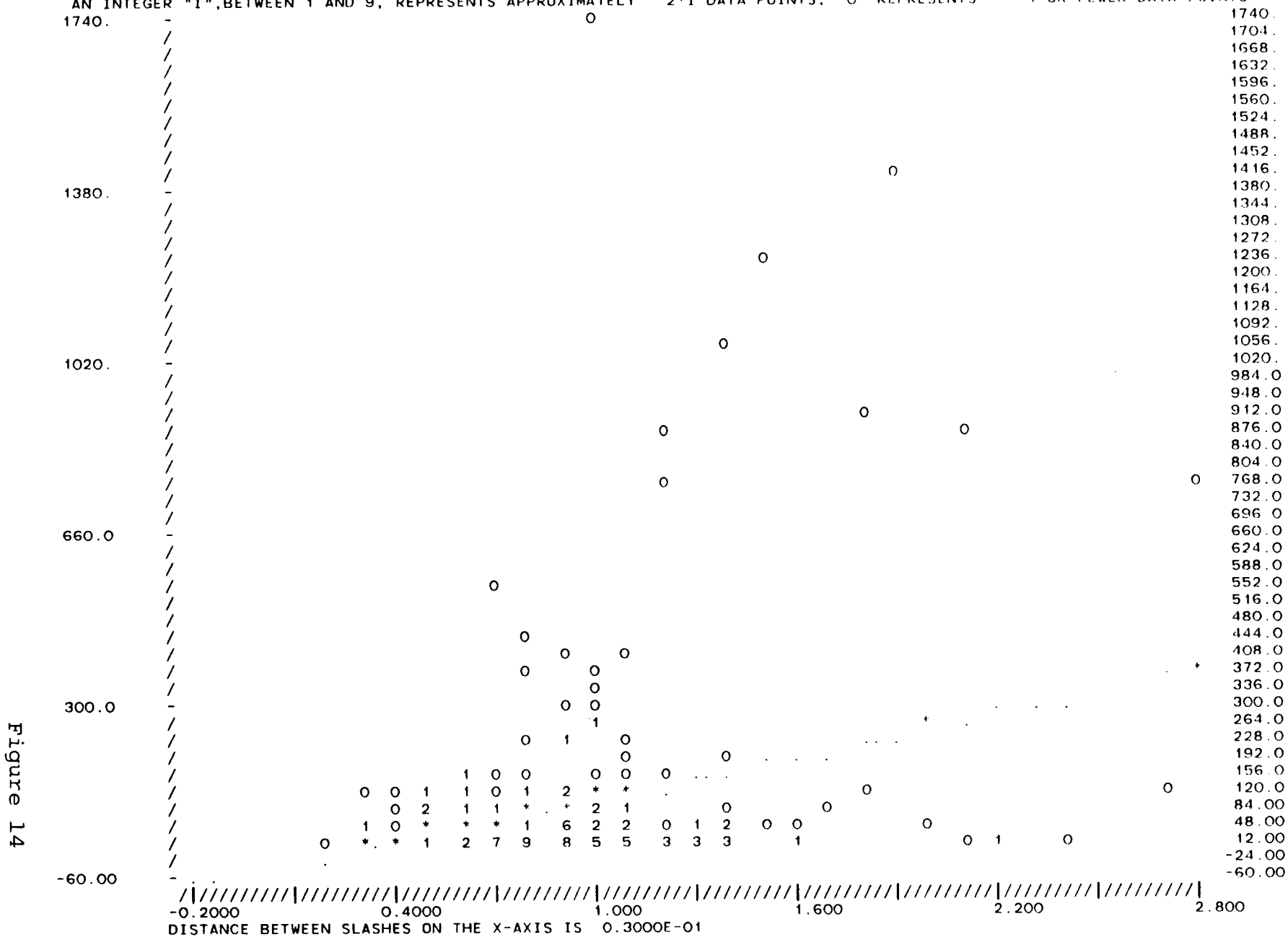
This shows a good correlation between gold and arsenic and poor correlations between gold and silver and between silver and arsenic. Figures 14-16 show a similar phenomena with only arsenic versus gold approaching a one to one correlation.



DEP. VAR.	INDEP. VAR.	A(CONST.)	B(COEFF.)	FRATIO(B)	FPROB(B)	STD.ERR.A	STD.ERR.B	STD.ERR.Y	R50
AS	AG	-38.60	145.9	21.65	0.5285E-05	31.90	31.36	202.2	0.0780

PLOT OF Y VS X AND PLOT OF THE REGRESSION LINE.

THE "." AND "*" ARE USED TO PLOT THE REGRESSION LINE; THE "*" IS USED WHEN A PLOT POINT COVERS DATA POINTS
 AN INTEGER "I", BETWEEN 1 AND 9, REPRESENTS APPROXIMATELY 2*I DATA POINTS; "O" REPRESENTS 1 OR FEWER DATA POINTS



DEP. VAR.	INDEP. VAR.	A(CONST.)	B(COEFF.)	FRATIO(B)	FPROB(B)	STD. ERR. A	STD. ERR. B	STD. ERR. Y	RSQ
AS	AU	52.22	2.206	216.2	0.0	10.14	0.1500	155.1	0.4578

PLOT OF Y VS X AND PLOT OF THE REGRESSION LINE.

THE "." AND "*" ARE USED TO PLOT THE REGRESSION LINE; THE "*" IS USED WHEN A PLOT POINT COVERS DATA POINTS
 AN INTEGER "I", BETWEEN 1 AND 9, REPRESENTS APPROXIMATELY 10*I DATA POINTS; "O" REPRESENTS 5 OR FEWER DATA POINTS

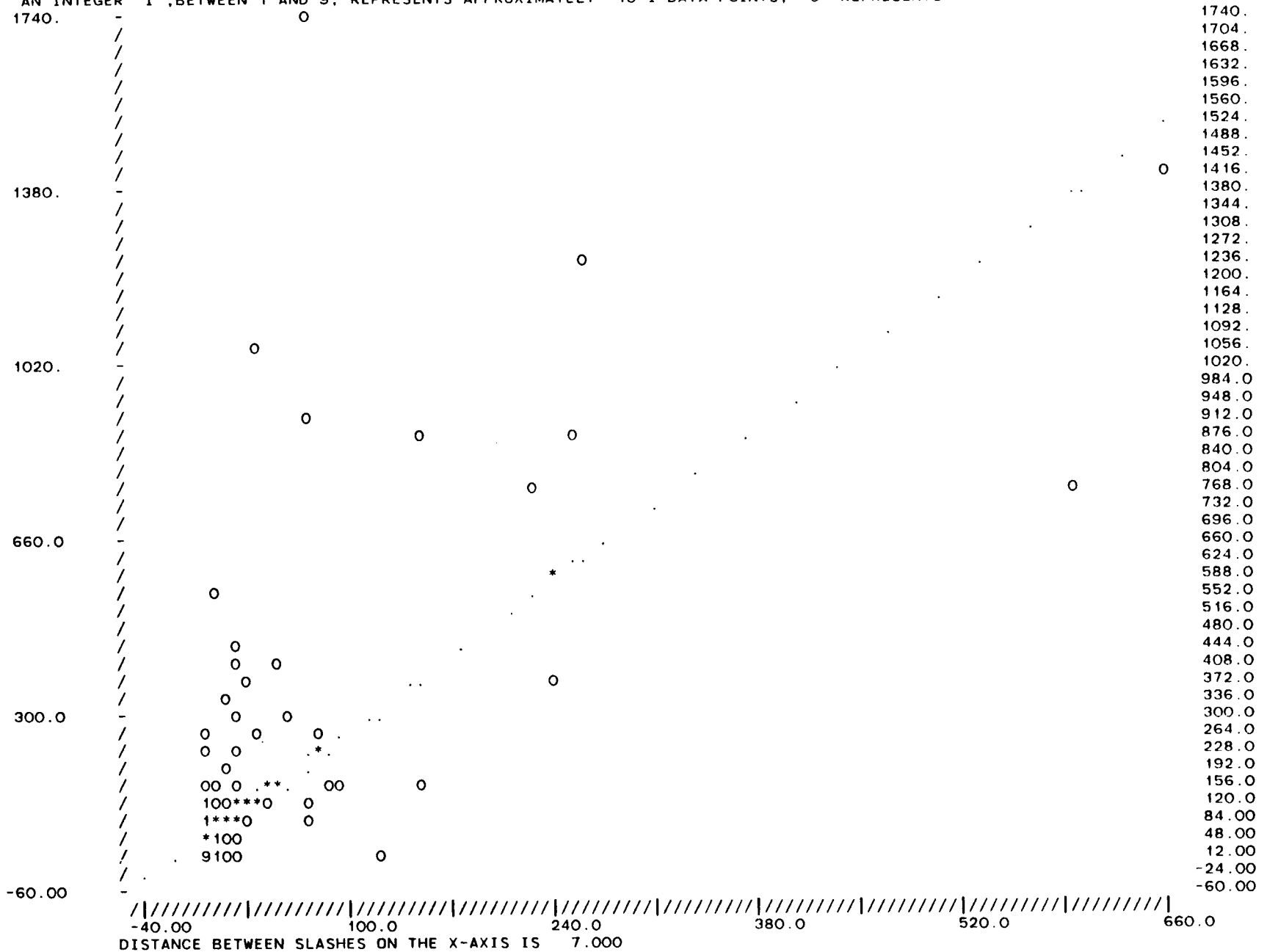


Figure 15

DEP. VAR.	INDEP. VAR.	A(CONST.)	B(COEFF.)	FRATIO(B)	FPROB(B)	STD.ERR.A	STD.ERR.B	STD.ERR.Y	R50
AG	AU	0.8997	0.1704E-02	20.64	0.8596E-05	0.2535E-01	0.3751E-03	0.3877	0.0746

PLOT OF Y VS X AND PLOT OF THE REGRESSION LINE.
 THE "." AND "*" ARE USED TO PLOT THE REGRESSION LINE; THE "*" IS USED WHEN A PLOT POINT COVERS DATA POINTS
 AN INTEGER "I", BETWEEN 1 AND 9, REPRESENTS APPROXIMATELY 3*I DATA POINTS; "O" REPRESENTS 1 OR FEWER DATA POINTS

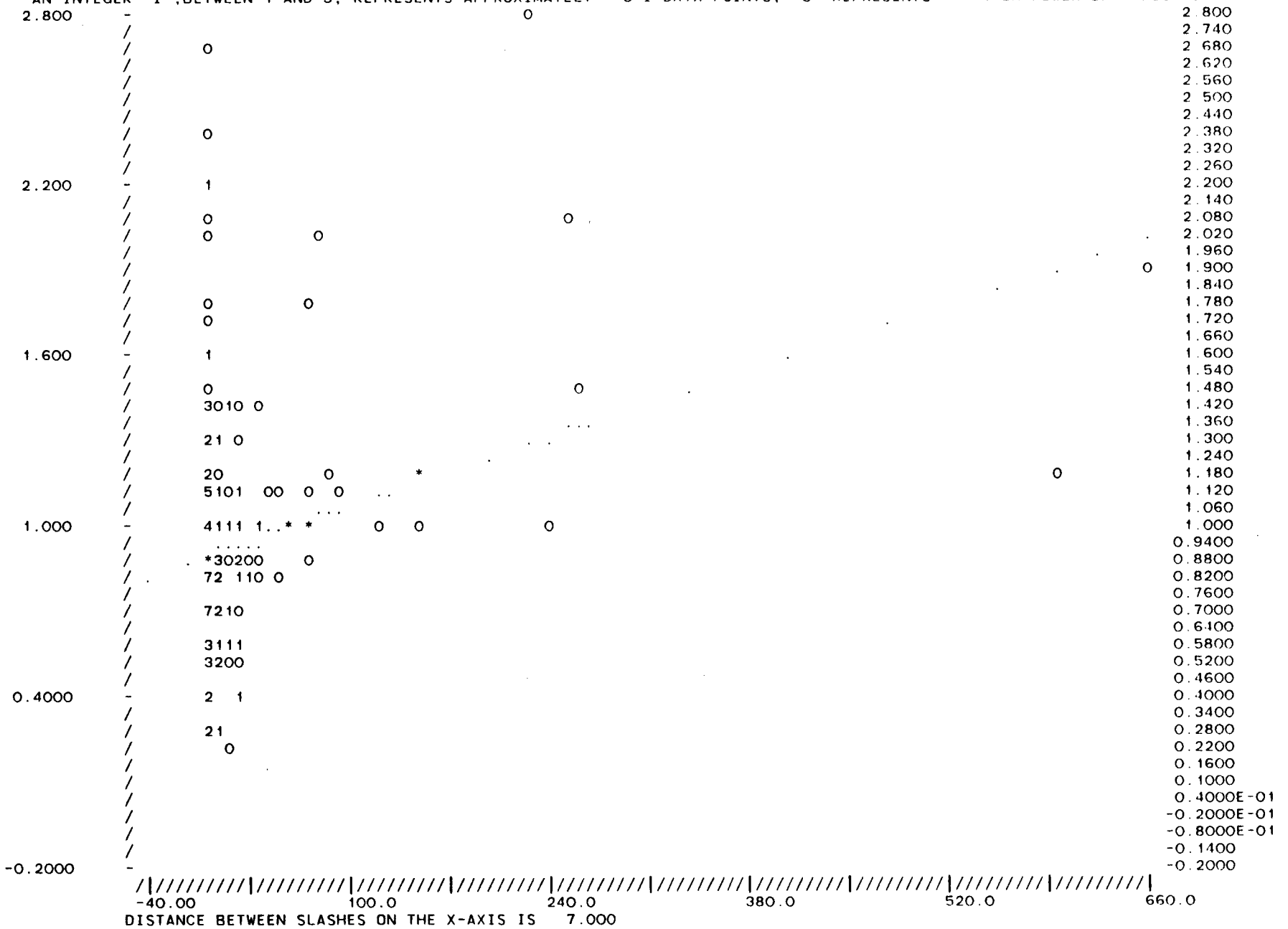


Figure 16

7.2 Discussion

Geochemistry for gold indicated three populations. Contouring the upper two indicated an anomalous zone within the slates adjacent to the granitic contact and serpentine zone. Arsenic values mirrored this zone and both elements indicate a possible weak extension to the northeast to station 800N 450E. The mineralization is related to a system of easterly striking quartz veins.

Silver is also represented by three populations but silver has little correlation with gold or arsenic. This probably indicates a different period of mineralization for the silver. A zone in the south east section of the grid was anomalous in silver and is possibly related to NW striking quartz veins found in this area (see Figure 4).

The results of the geochemistry and previous geologic mapping led the writer to conclude the mineralization is related to vein systems and any further work on this property should be confined to testing the main easterly striking vein system along its strike length by trenching and diamond drilling.



8.0 COST STATEMENT


Geochemical analysis	\$1,443.00
Professional Fees G.H. Giroux 5 days @ \$350.00	1,750.00
Computer Costs	300.00
Report Preparation (Drafting, Typing, Reproduction)	<u>300.00</u>
TOTAL	<u><u>\$3,793.00</u></u>



9.0 CERTIFICATE

I, G.H. GIROUX, of 982 Broadview Drive, North Vancouver, British Columbia, do hereby certify that:

1. I am a consulting geological engineer with an office at #203 - 2786 W. 16th Ave., Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia (1970) with a degree in Geological Engineering (B.A. Sc.).
3. I have practiced my profession continuously since graduation.
4. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
5. I have no interest, either direct or indirect in the properties or securities of Aquarius Resources Limited; nor do I expect to receive any such interest.


Gary H. Giroux, P. Eng. G.H. GIROUX
982 Broadview Drive,
North Vancouver, B.C. BRITISH COLUMBIA

September 1, 1981



10.0 BIBLIOGRAPHY

- 10.1 Report of the Minister of Mines 1929
p. C236
- 10.2 Duffell and McTaggart (1952), Glacier Group
(24), G.S.C. Memior 262, Ashcroft Map Area.
p. 104.
- 10.3 Littlejohn, Cochrane (1978), Geological and
Geochemical Assessment Report on the Alpine
Claim (12 units)
- 10.4 Madeisky, Cochrane (1979), Geological and
Geochemical Work on the Alpine Glacier Group
- 10.5 Sinclair, A.J. (1974). Selection of
threshold values in geochemical data using
probability graphs, J. Geochem. Exploration,
3: 129-149



APPENDIX I
GEOCHEMICAL RESULTS 1979



MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project **Alpine** Date of report **Aug. 10/79.**
File No. **9-466** Date samples received **Aug. 6/79.**
Samples submitted by: **H. Madeisky**
Company: **Aquarius Resources/Cochrane Consultants**
Report on: **273 soils** Geochem samples

4 Assay samples

Copies sent to:

- Cochrane Consultants, Delta, B.C.**
- H. Madeisky, Hold for pickup.**
-

Samples: Sieved to mesh **-80 soil** Ground to mesh **-100 assays**

Prepared samples stored discarded

rejects **ass.** stored discarded **geochem**

Methods of analysis: **Assays-Acid digestion-chemical analysis.**

Geochem Au-Aqua Regia. A.A. Analysis.

Remarks:

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: **Alpine**

MIN - EN Laboratories Ltd.

DATE: **Aug. 10**

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

1979.

ATTENTION: **H. Madelsky**

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
1000N200E												<5				
250E												5				
300E												<5				
350E												5				
1000N400E												<5				
1000N50W												<5				
100W												5				
150W												<5				
200W												<5				
250W												5				
1000N300W												<5				
1900N50E												225				
100E												50				
1900N150E												10				
1900N50W												55				
100W												15				
150W												260				
1900N200W												255				
700N50W												<5				
100W												<5				
150W												5				
200W												5				
250W												<5				
300W												5				
350W												<5				
700N400W												5				
700N50E												5				
100E												5				
150E												5				
700N200E												<5				

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COMPAN

~~Uganda Resources~~
Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

No. **9-46**

PROJECT No.: **Alpine**

MIN - EN Laboratories Ltd.

DATE: **Aug. 10**

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

1979.

ATTENTION: **H. Madeisky**

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
61	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
700N250E											15				
700N300E											65				
1600N250W											5				

CERTIFIED BY *[Signature]*

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: **Alpine**

MIN - EN Laboratories Ltd.

DATE: **Aug. 1 1979.**

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

ATTENTION: **H. Madefsky**

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
200N200W								.					70			
800N50W								.					10			
100W								.					<5			
150W								.					5			
200W								.					5			
250W								.					5			
800N300W								.					10			
800N50E								.					<5			
100E								.					5			
150E								.					5			
200E								.					5			
250E								.					10			
300E								.					5			
350E								.					<5			
400E								.					10			
450E								.					5			
500E								.					<5			
550E								.					5			
600E								.					10			
650E								.					5			
700E								.					5			
750E								.					5			
800E								.					5			
850E								.					<5			
900E								.					5			
950E								.					5			
800N100E								.					10			
1000N50E								.					5			
100E								.					10			
1000N150E								.					10			

CERTIFIED BY: *[Signature]*

COMPAN

Alpine Resources
Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

File No. **9-466**

PROJECT No.: **Alpine**

MIN - EN Laboratories Ltd.

DATE: **Aug. 9**

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

1979.

ATTENTION: **H. Madelsky**

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
61	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
1800N50E												25			
100E												10			
1800N150E												15			
900N50W												<5			
100W												10			
150W												5			
200W												5			
250W												<5			
900N300W												10			
900N50E												5			
100E												5			
150E												<5			
200E												15			
250E												<5			
300E												25			
350E												10			
900N400E												25			
600N50W												5			
600N100W												<5			
600N50E												10			
100E												15			
150E												5			
200E												5			
250E												25			
300E												5			
350E												10			
600N400E												5			
2000N50W												150			
100W												50			
2000N150W												20			

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GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: **Alpine**

MIN - EN Laboratories Ltd.

DATE: **Aug. 10**

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

ATTENTION: **H. Madeisky**

1979

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
6 81	10 90	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
400N300W							•					10			
400N50E							•					5			
100E							•					5			
150E							•					5			
200E							•					5			
250E							•					20			
300E							•					5			
350E							•					10			
400N400E							•					5			
1600N50W							•					75			
100W							•					30			
150W							•					150			
1600N200W							•					30			
1600N50E							•					25			
100E							•					5			
150E							•					10			
200E							•					15			
250E							•					25			
1600N300E							•					20			
1400N50W							•					20			
100W							•					10			
150W							•					5			
1400N200W							•					10			
1400N50E							•					25			
100E							•					20			
1400N150E							•					10			
1800N50W							•					45			
100W							•					120			
150W							•					75			
1800N200W							•					20			

CERTIFIED BY

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COMPAN

~~Quantis Resources~~
Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-46

PROJECT No.: Alpine

MIN - EN Laboratories Ltd.

DATE: Aug. 10
1979.

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

ATTENTION: H. Madeisky

Sample Number	6	10	Cu ppm	15	Pb ppm	20	Zn ppm	25	Ni ppm	30	Co ppm	35	Ag ppm	40	Fe ppm	45	Hg ppb	50	As ppm	55	Mn ppm	60	Au ppb	65	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160											
BL1350N																							5				
1400N																							5				
1450N																							10				
1500N																							5				
1550N																							10				
1600N																							10				
1650N																							15				
1700N																							20				
1750N																							5				
1800N																							25				
1850N																							35				
1900N																							25				
1950N																							70				
2000N																							600				
2050N																							80				
2100N																							85				
BL2150N																							40				
200N50W																							5				
100W																							<5				
200N150W																							10				
200N50E																							5				
100E																							5				
150E																							5				
200E																							5				
200N250E																							5				
400N50W																							<5				
100W																							10				
150W																							5				
200W																							5				
400N250W																							5				

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GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Alpine

MIN - EN Laboratories Ltd.

DATE: Aug. 10

ATTENTION: H. Madeisky

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

1979.

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	Mo	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au				
	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
BL-300N								.					<5			
350N								.					5			
400N								.					5			
450N								.					5			
500N								.					10			
550N								.					5			
600N								.					5			
650N								.					5			
700N								.					15			
750N								.					10			
800N								.					5			
850N								.					<5			
900N								.					5			
950N								.					5			
BL-1000N								.					10			
300N50W								.					10			
100W								.					5			
300N150W								.					5			
300N50E								.					5			
100E								.					<5			
150E								.					5			
200E								.					5			
250E								.					<5			
300N300E								.					5			
BL-1050N								.					5			
1100N								.					10			
1150N								.					<5			
1200N								.					5			
1250N								.					15			
BL-1300N								.					5			

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PROJECT No.: Alpine

MIN - EN Laboratories Ltd.

DATE: Aug. 10

ATTENTION: H. Madeisky

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

1979

Sample No.	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
81	90	100	105	110	115	120	125	130	135	140	145	150	155	160
1300N600W											<5			
650W											5			
700W											<5			
750W											<5			
800W											5			
850W											5			
1300N900W											<5			
1300N50E											5			
100E											5			
150E											<5			
200E											5			
250E											5			
1300N300E											5			
500N50W											<5			
100W											<5			
500N150W											5			
500N50E											5			
100E											5			
150E											5			
200E											<5			
250E											5			
300E											5			
350E											<5			
500N400E											5			
BL-0N											5			
50N											5			
100N											5			
150N											<5			
200N											5			
BL-250N											5			

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Alpine

MIN - EN Laboratories Ltd.

DATE: Aug. 10

ATTENTION: H. Madeisky

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

1979.

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
1500N500E											5					
1500N550E											10					
1500N50W											15					
100W											10					
150W											20					
1500N200W											35					
1100N50E											15					
100E											<5					
150E											5					
200E											5					
250E											25					
300E											35					
1100N350E											40					
1100N50W											5					
100W											<5					
150W											5					
200W											<5					
250W											<5					
1100N300W											5					
1300N50W											10					
100W											5					
150W											<5					
200W											10					
250W											5					
300W											<5					
350W											5					
400W											10					(40mesh)
450W											5					
500W											5					
1300N550W											5					

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GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: **Alpine**

MIN - EN Laboratories Ltd.

DATE: **Aug. 10**

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

1979.

ATTENTION: **H. Madeisky**

PHONE (604) 980-5814

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
1700N50E													25				
100E													10				
150E													20				
1700N50W													30				
100W													5				
150W													10				
200W													15				
1700N250W													5				
L2100N150W													660				
L2100N200W													240				
1200N50E													10				
100E													20				
150E													10				
200E													5				
1200N250E													5				
1200N50W													<5				
100W													<5				
150W													10				
200W													5				
250W													5				
1200N300W													5				
1500N50E													15				
100E													10				
150E													5				
200E													10				
250E													5				
300E													5				
350E													5				
400E													5				
1500N450E													5				

CERTIFIED BY *[Signature]*

MIN-EN LABORATORIES LTD.

705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Cochrane Consultants/Aquarius
4882 Delta St.,
Delta, B.C.

PROJECT No. Alpine
DATE Aug. 10/79.
File No. 9-466

SAMPLE No.	Au			
	oz/ton			
A79-1	.180			
2	.002			
3	.020			
A79-4	.002			

MIN-EN Laboratories Ltd.
CERTIFIED BY: [Signature]

APPENDIX II
GEOCHEMICAL RESULTS 1981



MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project Alpine 9-466 Date of report Aug. 7/81.

File No. 1-603 Date samples received July 30/81.

Samples submitted by:

Company: Aquarius Resources

Report on: 338 pulp Geochem samples

..... Assay samples

Copies sent to:

1. Aquarius Resources, Vancouver, B.C.
-
-

Samples: Sieved to mesh Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Ag-nitric, perchloric digestion.A.A.

As-Spectrophotometric.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

ATTENTION:

Sample. Number	6 Mg ppm	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Au ppb	65	70	75	80	
	81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
900N100W								07				45					
150W								12				9					
200W								10				5					
250W								14				1					
900N300W								03				4					
900N50E								08				21					
100E								11				9					
150E								07				42					
200E								09				42					
250E								05				52					
300E								05				82					
350E								09				31					
900N400E								04				13					
600N50W								04				6					
600N100W								05				12					
600N50E								07				21					
100E								06				68					
150E								06				55					
200E								07				9					
250E								07				49					
300E								07				59					
350E								07				1					
600N400E								10				28					
2000N50W								12				880					
100W								08				172					
150W								11				155					
2000N200W								10				1740					
800N50W								14				94					
100W								13				25					
800N150W								10				21					

COMPA. Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

F No 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

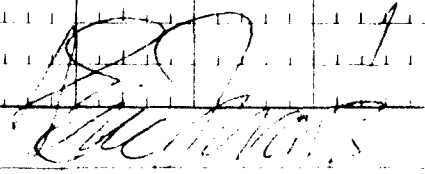
DATE: Aug. 7,

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

1981.

ATTENTION:

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	Ag	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au				
	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
800N-200W								14				41				
250W								7				19				
800N-300W								10				41				
800N-50E								14				45				
100E								5				21				
150E								10				53				
200E								5				82				
250E								8				20				
300E								9				120				
350E								4				107				
400E								7				66				
450E								10				256				
500E								11				23				
550E								3				38				
600E								5				30				
650E								8				4				
700E								3				8				
750E								5				49				
800E								8				68				
850E								3				128				
900E								9				14				
950E								4				16				
800N-1000E								3				12				
1000N-50E								10				59				
100E								9				53				
150E								10				88				
200E								8				94				
250E								11				65				
300E								5				96				
1000N-350E								7				99				

CERTIFIED BY 

COMP.:

Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

F No. 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7,
1981.

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

ATTENTION:

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
1.000N-4.00E								1.3			1.2					
1.000N-5.0W								1.4			9					
1.00W								1.1			4					
1.50W								1.7			8.0					
2.00W								2.7			10.6					
2.50W								1.8			10.8					
1.000N-3.00W								1.6			4.5					
1.900N-5.0E								2.8			7.60					
1.00E								1.1			3.90					
1.900N-1.50E								1.2			2.7					
1.900N-5.0W								1.0			2.87					
1.00W								1.4			20.3					
1.50W								1.5			12.20					
1.900N-2.00W								2.1			8.60					
7.00N-5.0W								2.2			1.2					
1.00W								1.4			9					
1.50W								2.4			2.0					
2.00W								1.6			1.5					
2.50W								1.1			1.5					
3.00W								1.4			1.0					
3.50W								2.1			1.1					
7.00N-4.00W								1.2			4					
7.00N-5.0E								1.3			3					
1.00E								1.6			2.2					
1.50E								2.0			4.1					
2.00E								1.1			5.9					
2.50E								1.4			6					
7.00N-3.00E								1.1			3.5					
								.								
								.								

CERTIFIED BY

COMP. Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

F No. 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7

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

PHONE (604) 980-5814

1981.

ATTENTION:

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
BL0N							10		4					
5.0N							09		13					
10.0N							09		10					
15.0N							09		40					
20.0N							10		8					
25.0N							07		8					
30.0N							06		11					
35.0N							09		17					
40.0N							06		<1					
45.0N							14		14					
50.0N							10		22					
55.0N							09		<1					
60.0N							11		5					
65.0N							07		6					
70.0N							10		<1					
75.0N							08		5					
80.0N							11		7					
85.0N							07		<1					
90.0N							09		<1					
95.0N							08		<1					
100.0N							13		61					
105.0N							14		27					
110.0N							10		29					
115.0N							05		<1					
120.0N							08		50					
125.0N							02		<1					
130.0N							06		59					
135.0N							07		27					
140.0N							05		102					
BL1450N							05		124					

CERTIFIED BY: 

COMP. Aquarius Resources

Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

F No 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7,

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

1981.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample. No	Mo	Cu	Pb	Zn	Ni	Co	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
BL-1500N							1.1			103						
1550N							1.3			41						
1600N							1.1			77						
1650N							1.0			348						
1700N							.9			297						
1750N							.9			226						
1800N							1.1			234						
1850N							1.0			264						
1900N							.8			238						
1950N							1.8			920						
2000N							1.2			780						
2050N							2.0			267						
2100N							1.2			172						
BL-2150N							1.4			1040						
300N-50W							.8			12						
100W							1.2			13						
300N-150W							.9			8						
300N-50E							1.1			14						
100E							1.1			92						
150E							.9			35						
200E							.9			45						
250E							1.1			24						
300N-300E							1.2			16						
400N-250W							.8			7						
400N-300W							.9			21						
400N-50E							1.5			62						
100E							.8			35						
150E							1.1			18						
200E							1.0			45						
400N-250E							.9			35						

CERTIFIED BY _____

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7

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

1981.

ATTENTION:

Sample Number	6 10 81 86	15 20 90 95	25 30 100 105	35 40 110 115	45 50 120 125	55 60 130 135	65 70 140 145	75 80 150 155			
	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
400N-300E						1.2			63		
350E						1.1			16		
400N-400E						1.3			16		
1600N-50W						.9			135		
100W						.8			131		
150W						1.0			168		
1600N-200W						.9			77		
1600N-50E						.8			430		
100E						1.0			99		
150E						.5			57		
200E						.7			88		
250E						1.4			48		
1600N-300E						1.3			9		
1400N-50W						.9			106		
100W						.8			53		
150W						.8			72		
1400N-200W						.9			16		
1400N-50E						1.0			72		
100E						.6			29		
1400N-150E						.3			20		
1800N-50W						1.1			135		
100W						1.0			19		
150W						1.1			101		
1800N-200W						1.0			72		
1800N-50E						.9			390		
100E						.6			117		
1800N-150E						1.1			178		
900N-50W						2.2			7		
						.					

COMPAN: Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

F No. 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7

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

1981.

ATTENTION:

Sample No.	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Number	Mo	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au				
	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
1500N-500E								.9				25				
1700N-50E								.9				212				
								.8				87				
1700N-100E								.9				66				
1700N-150E								.9				66				
1700N-50W								.8				360				
								.7				154				
								.3				59				
								.7				122				
1700N-200W								.6				55				
2100N-150W								1.9				1420				
2100N-200W								1.0				383				
1200N-50E								.6				41				
								.4				89				
								.6				162				
1200N-200E								.5				62				
1200N-250E								.6				117				
1200N-50W								1.4				45				
								.4				38				
								.7				40				
								.4				28				
								1.4				31				
1200N-300W								.7				34				
1500N-50E								.6				137				
								.7				540				
								.6				42				
								.5				76				
								.7				37				
								.5				34				
								.8				18				
1500N-400E								.7				30				

COMPAN

Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

FIL. NO. 1-60

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7

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

1981.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample Number	Mn ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
1500N450E							0.9			8						
1500N550E							0.9			21						
1300N450W							1.0			92						
1500N50W							0.6			87						
100W							0.9			92						
150W							0.6			138						
1500N200W							0.8			114						
1100N50E							0.7			36						
100E							0.9			53						
150E							0.7			54						
200E							0.3			2						
250E							1.1			56						
300E							1.0			112						
1100N350E							0.9			136						
1100N50W							0.9			35						
100W							0.7			12						
150W							0.8			6						
200W							0.9			18						
250W							0.9			40						
1100N300W							0.8			9						
1300N50W							0.9			103						
100W							0.7			17						
150W							0.6			48						
200W							0.5			44						
250W							0.9			27						
300W							0.7			12						
350W							0.8			20						
400W							0.9			30						
500W							0.8			6						
1300N550W							1.0			15						

(40 mesh)

CERTIFIED BY

COMPA.

Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

F No 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

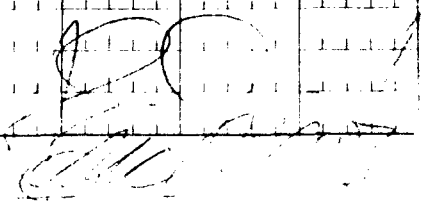
DATE: Aug. 7

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

1981.

ATTENTION:

Sample No	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
6 81	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
1,300N-600W						.8			25					
650W						.9			15					
700W						.8			12					
750W						1.3			11					
800W						.6			11					
850W						.4			8					
1,300N-900W						.7			10					
1,300N-50E						.7			20					
100E						.3			4					
150E						.7			12					
200E						.9			42					
250E						.6			86					
1,300N-300E						.7			37					
500N-50W						.8			5					
100W						.8			2					
500N-150W						1.2			11					
500N-50E						.8			19					
100E						.8			10					
150E						.8			9					
200E						.9			5					
250E						1.0			6					
500N-300E						.9			77					
						.								
						.								
						.								
						.								
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CERTIFIED BY: 

COMPAN

Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

FILE No. **1-603**

PROJECT No.: **Alpine 9-466**

MIN - EN Laboratories Ltd.

DATE: **Aug. 7,**

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

1981.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample. Number	Ag ppm	As ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
L12+00E1+00S							0.3			<1						
BL12+00E							0.7			6						
L24+00E3+00N							0.3			5						
L12+00E2+00S							0.7			<1						
L12+00E3+00S							0.6			2						
L36+00E20+00NBR							nes			nes						
L24+00E5+00E							0.9			1						
L36+00E3+00S							0.5			2						
L12+00E16+00S							0.3			<1						
L24+00E7+00S							1.0			2						
L24+00E1+00N							0.4			<1						
L24+00E4+00N							0.5			13						
L24+00E6+00S							0.5			<1						
L12+00E5+00S							0.6			2						
L12+00E6+00S							0.7			4						
L12+00E4+00S							0.9			<1						
L12+00E7+00S							2.1			<1						
L36+00E2+00N							0.8			17						
L12+00E12+00S							1.9			2						
L12+00E11+00S							1.2			5						
L36+00E1+00N							1.0			1						
L12+00E5+00N							1.2			7						
L12+00E6+00N							0.7			3						
							0.6			8						
							1.1			18						
							2.9			11						
							0.8			1						
							2.4			26						
							1.6			9						
L12+00E10+00N							1.8			35						

CERTIFIED BY

COMPAN Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7,

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

1981.

ATTENTION:

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	ppm	ppm	Pb ppm	Zn ppm	Ni ppm	Co 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
L12+00E8+00N								0.8				1.6				
L12+00E11+00N								0.7				1.7				
L36+00E14+00N								3.7				8.10				
L36+00E5+00N								0.6				1.6				
L12+00E20+00N								1.1				1.9				
L12+00E21+00N								2.3				1.4				
BL24+00E								0.6				1.6				
L36+00E10+00N								0.8				1.4				
L36+00E11+00N								no sample								
L36+00E8+00N								0.5				1.3				
L12+00E18+00S								0.6				1.3				
L12+00E1+00N								1.5				2.4				
L12+00E2+00N								1.6				1.9				
L12+00E3+00N								1.0				2.7				
L36+00E6+00N								1.3				1.3				
L24+00E10+00N								0.5				1.2				
L36+00E21+00N								1.0				9				
L36+00E22+00N								2.5				1.9				
L12+00E9+00S								1.0				1.3				
L12+00E13+00S								0.5				1.1				
L24+00E9+00N								0.5				1.0				
L24+00E7+00N								0.7				1.5				
L24+00E5+00N								0.5				1.5				
L36+00E23+00N								1.2				1.8				
L36+00E19+00N								1.7				1.0				
L24+00E6+00N								no sample								
BL36+00E								0.8				1.3				
L24+00E4+00S								0.7				1.2				
L36+00E18+00N								1.7				2.9				
L12+00E10+00S								1.0				1.7				

CERTIFIED BY

To: Aquarius Resources

REPORT NO. A21 - 1030

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: August 20, 1961

929 - 475 Howe Street
Vancouver, B. C.
V6C 2T6

CERTIFICATE OF ASSAY

Samples submitted: July 30, 1961
Results completed: August 20, 1961

PROJECT: **ALPINE**

I hereby certify that the following are the results of assays made by us upon the herein described pulps samples.

MARKED	GOLD		SILVER		As							
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
A - 79 - 1			0.16		0.01							
2			0.03		0.01							
3			32.30		0.01							
4			0.39		0.01							

NOTE:
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia

COMPAT

Aquarius Resources

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 1-603

PROJECT No.: Alpine 9-466

MIN - EN Laboratories Ltd.

DATE: Aug. 7,

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

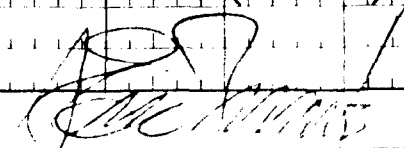
1981.

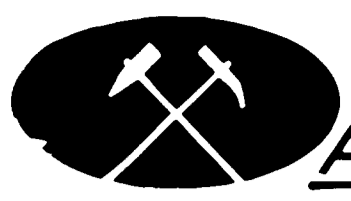
ATTENTION:

Sample Number	6 81	10 86	15 90	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
				Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
L36+00E1+00S								06			31					
L24+00E14+00N								15			36					
L12+00E15+00S								05			13					
L12+00E14+00S								05			1					
L24+00E11+00N								08			1					
L36+00E2+00S								07			1					
L36+00E5+00N								no sample								
L12+00E20+00N								no sample								
L12+00E21+00N								no sample								
BL24+00E								no sample								
L36+00E10+00N								no sample								
L24+00E1+00S								05			2					
L24+00E2+00S								03			2					
L24+00E3+00S								08			21					
L36+00E16+00N								10			6					
L36+00E7+00N								05			5					
L36+00E4+00N								04			23					
L36+00E9+00N								05			7					
L36+00E13+00N								20			323					
L36+00E15+00N								17			16					
L36+00E3+00N								05			10					
L12+00E4+00N								08			6					
L36+00E1+00N								07			2					
L12+00E8+00S								08			1					
L24+00E6+00S								09			3					
L12+00E17+00S								03			5					
L36+00E12+00N								10			4					
L36+00E17+00N								05			5					
								:								
								:								

(Extra)

CERTIFIED BY





AQUARIUS RESOURCES LTD.

Alpine Glacier Group Kwoiek Cr. Area, B.C.
Kamloops Mining Division N.T.S. 921/4

SCALE 1:5,000 0 50 100 200 300 400 500 metres

To accompany a report by G.H. GIROUX, P. Eng. on the Alpine Property dated September 1, 1981.

DATE	REVISION	BY
July '79	Base Map	P.K.C.
July '79	Geology	P.K.C.

DETAIL GEOLOGY MAP

9542

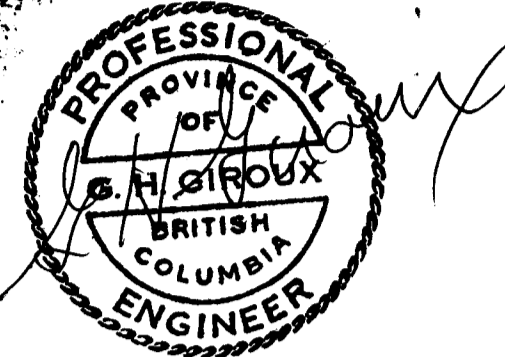
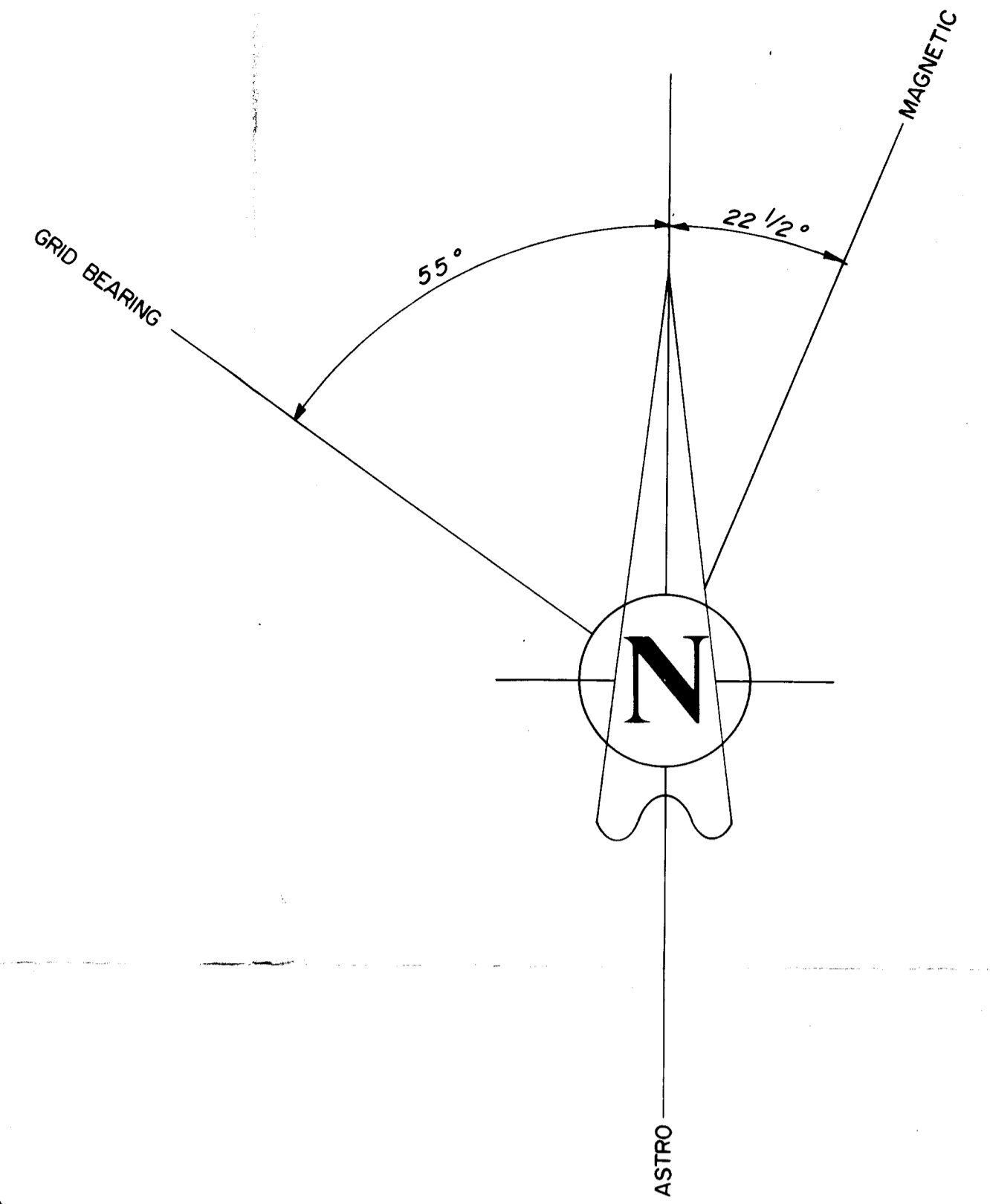


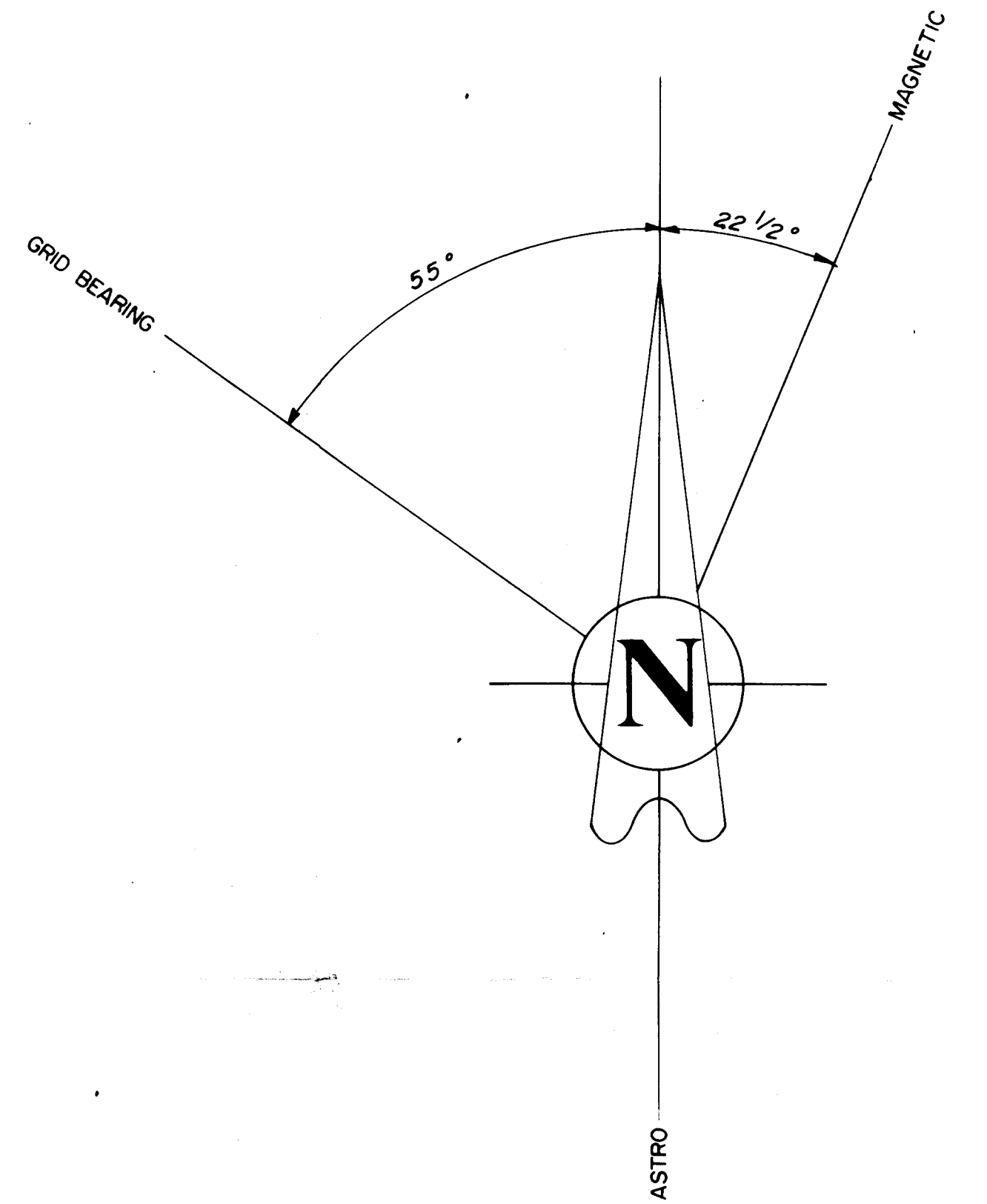
Figure 4

GEOLOGY LEGEND

XXXX XXXX	XXXX	GRANITE
DDDD DDDD	DDDD	APLITE DYKES
VVVV VVVV	VVVV	GREENSTONE, CHLORITE SCHIST
SSSS SSSS	SSSS	SLATE, ANDALUSITE SCHIST — PROBABLY LADNER SLATE — NO QUARTZ — CHLORITE ALTERATION
TTTTT TTTTT		TALC, TALC SCHIST
VVVV VVVV		QUARTZ VEIN
↖		FELDSPAR INCLINED
↕		FELDSPAR VERTICAL
~ ~ ~		FAULT
— >		TRENCH
— <		ADIT

Geology by W.F.C. & H.E.M.





L2100 N
L2000 N
L1900 N
L1800 N
L1700 N
L1600 N
L1500 N
L1400 N
L1300 N
L1200 N
L1100 N
L1000 N
L900 N
L800 N
L700 N
L600 N
L500 N
L400 N
L300 N
L200 N
L100 N



AQUARIUS RESOURCES LTD.

Alpine Glacier Group Kwoiek Cr. Area, B.C.
Kamloops Mining Division N.T.S. 921/4

SCALE 1:5,000
To accompany a report by G.H. GIROUX, P.Eng., on the Alpine Property dated September 1, 1981.

DATE	REVISION	BY
July 79	Base Map	P.K.C.
July 79	Geochemical data	P.K.C.
Sept '81	Geochemical contour	P.K.C.

GEOCHEMICAL DATA — Au (ppb)

9542
I.O.

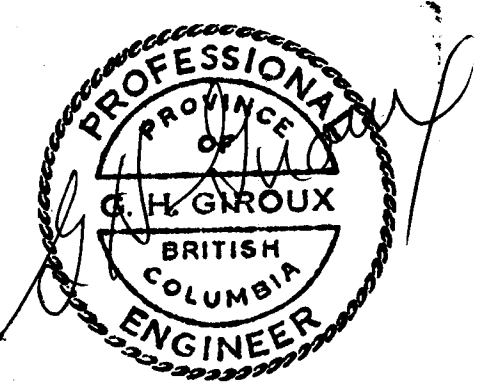
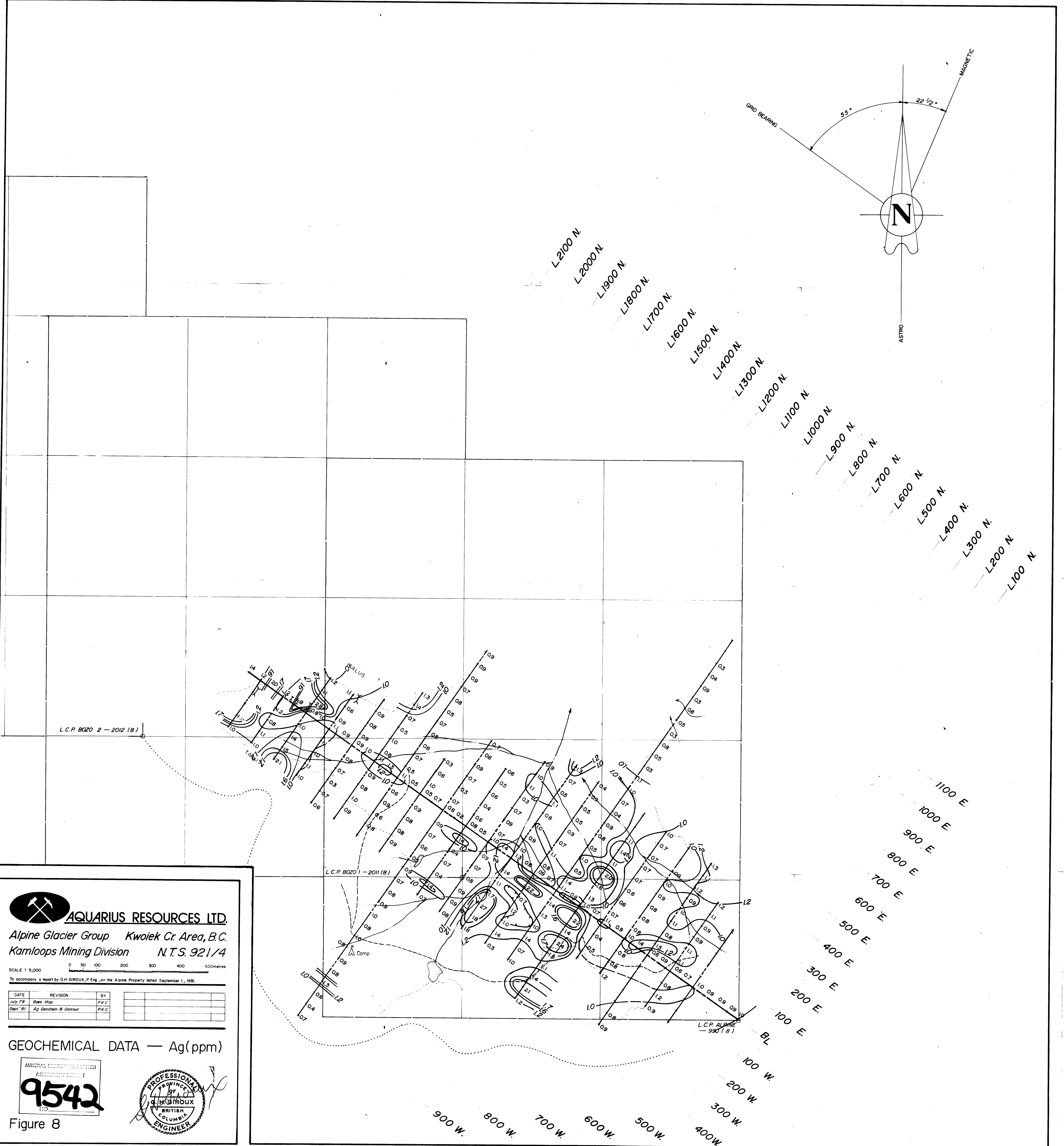
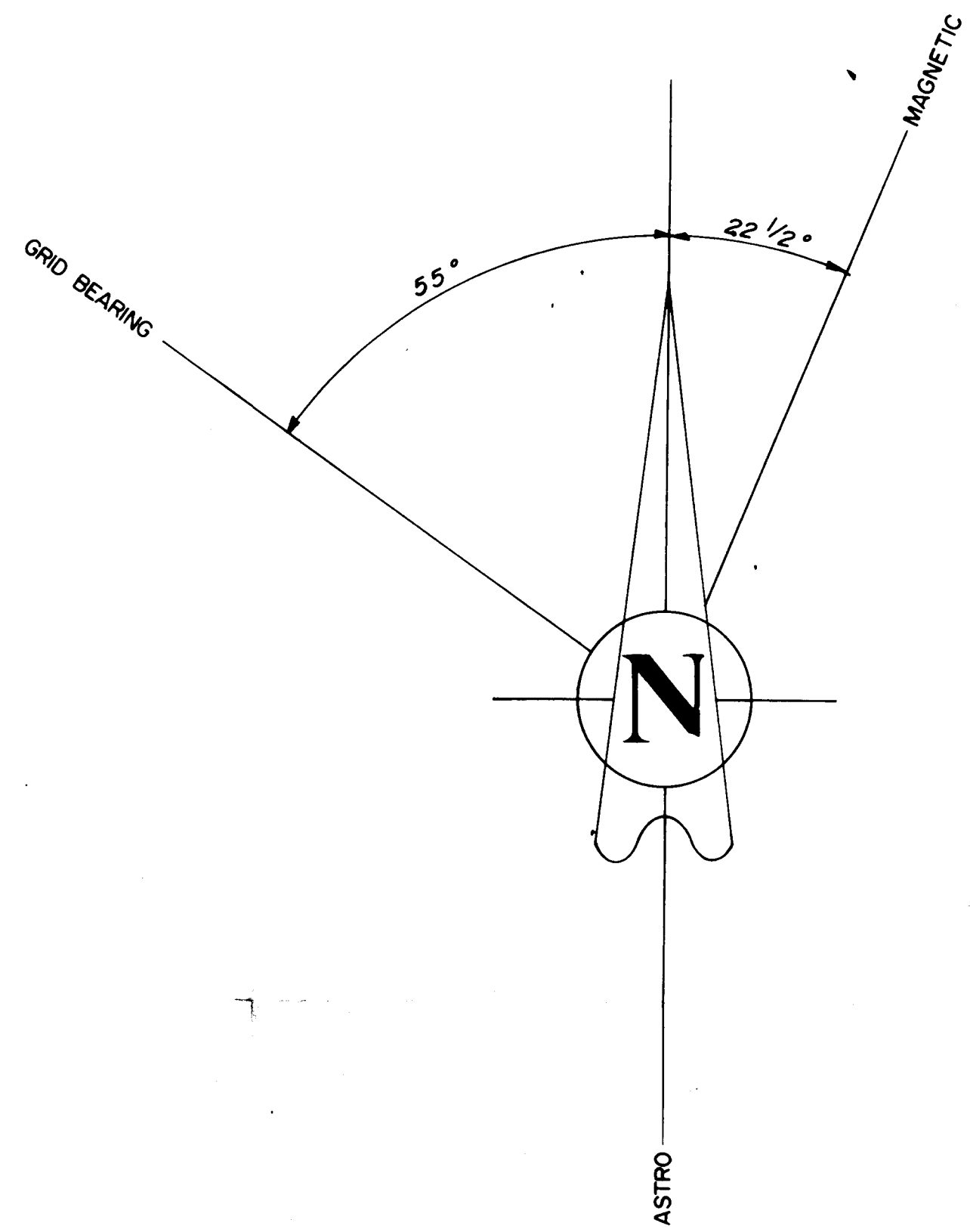


Figure 5



AQUARIUS RESOURCES LTD.

Alpine Glacier Group Kwoiek Cr. Area, B.C.
Kamloops Mining Division N.T.S. 921/4

SCALE 1:5,000
To accompany a report by G.H. GIBROUX, P.Eng., on the Alpine Property dated September 1, 1981.

DATE	REVISION	BY
July 79	Base Map	P.K.C.
Sept '81	Ag Geochem & Contour	P.K.C.

GEOCHEMICAL DATA — Ag(ppm)

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9542

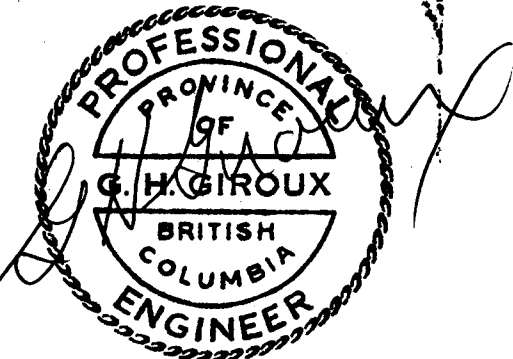
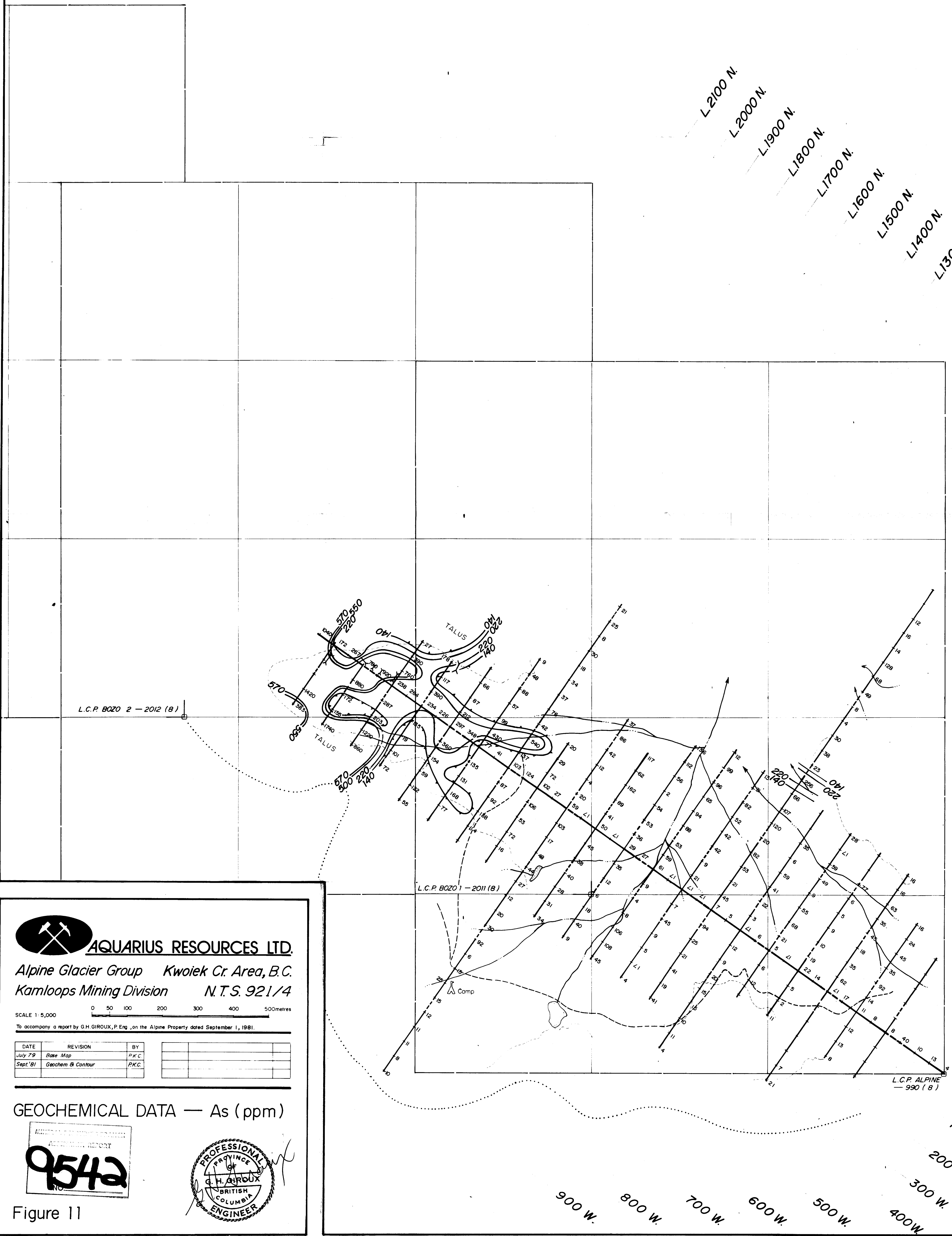
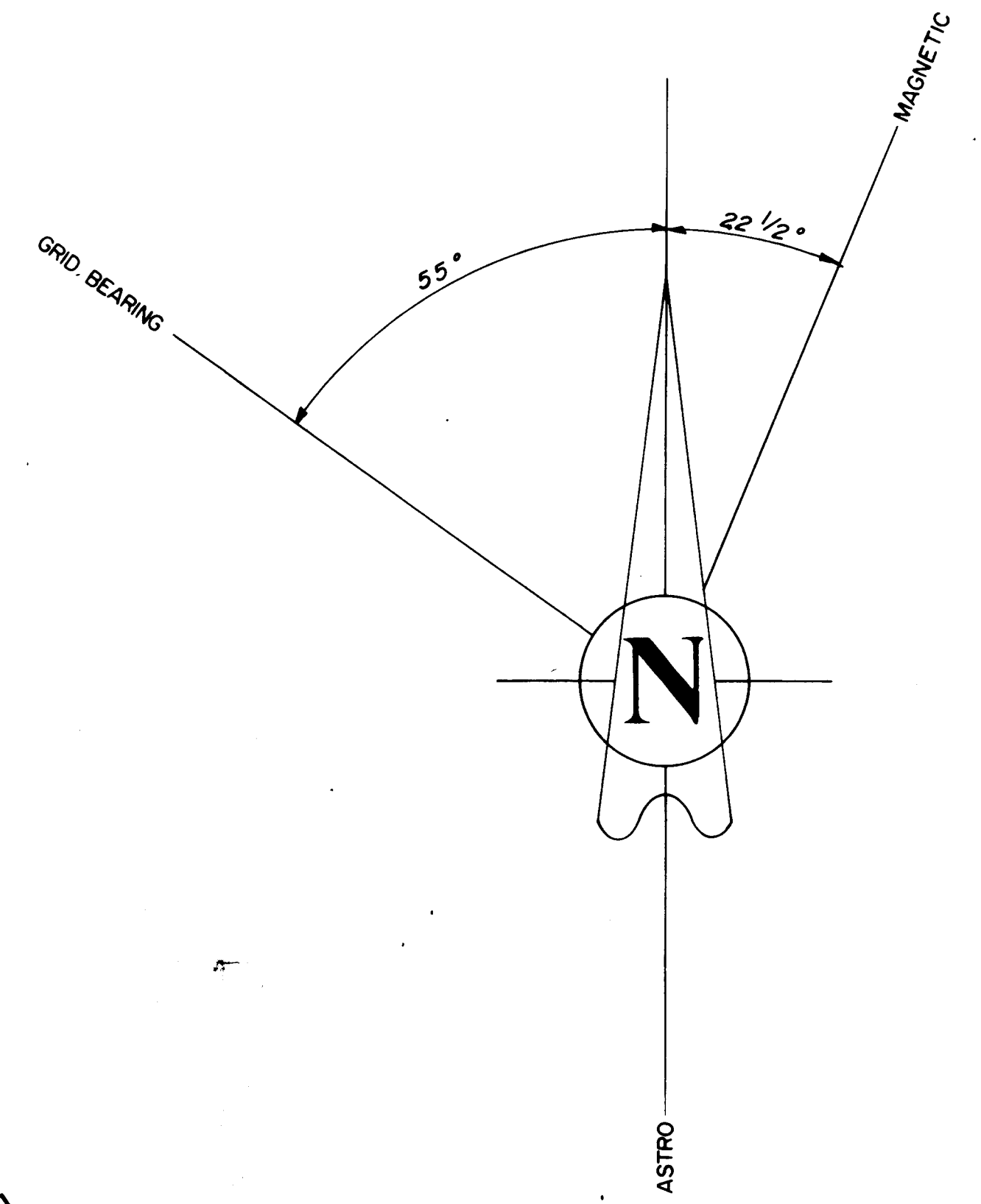


Figure 8



AQUARIUS RESOURCES LTD.
Alpine Glacier Group Kwoiek Cr. Area, B.C.
Kamloops Mining Division N.T.S. 921/4

SCALE 1:5,000

To accompany a report by G.H. GIROUX, P. Eng., on the Alpine Property dated September 1, 1981.

DATE	REVISION	BY
July 79	Base Map	P.K.C.
Sept '81	Geochem & Contour	P.K.C.

GEOCHEMICAL DATA — As (ppm)

PROFESSIONAL REPORT
9542



Figure 11