

10054

Geochemical Assessment Report

520698

on the

Likely Group

(Peso, Peso B and Peso E mineral claims)

located

8 km southeast of Likely, B.C.

Cariboo Mining Division

Latitude 52°35'N., Longitude 121°29'W

Field work between September 11 and September 17, 1979.

on behalf of

AQUARIUS RESOURCES LTD.

Report by

D. R. Cochrane, P. Eng.,
November 26, 1979,
Delta, B. C.



Cochrane Consultants Limited
4882 Delta St., Delta, B.C. V4K 2T8 946-9221
Geotechnical Consulting / Exploration Services

geology
geophysics
geochemistry

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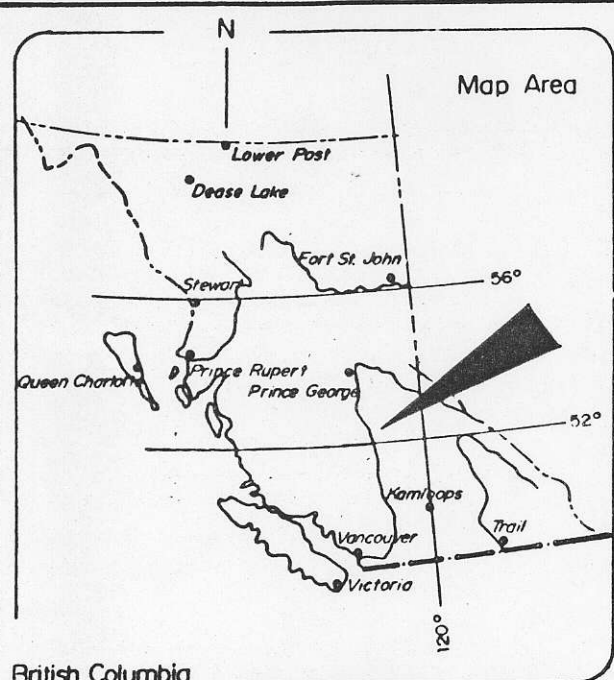
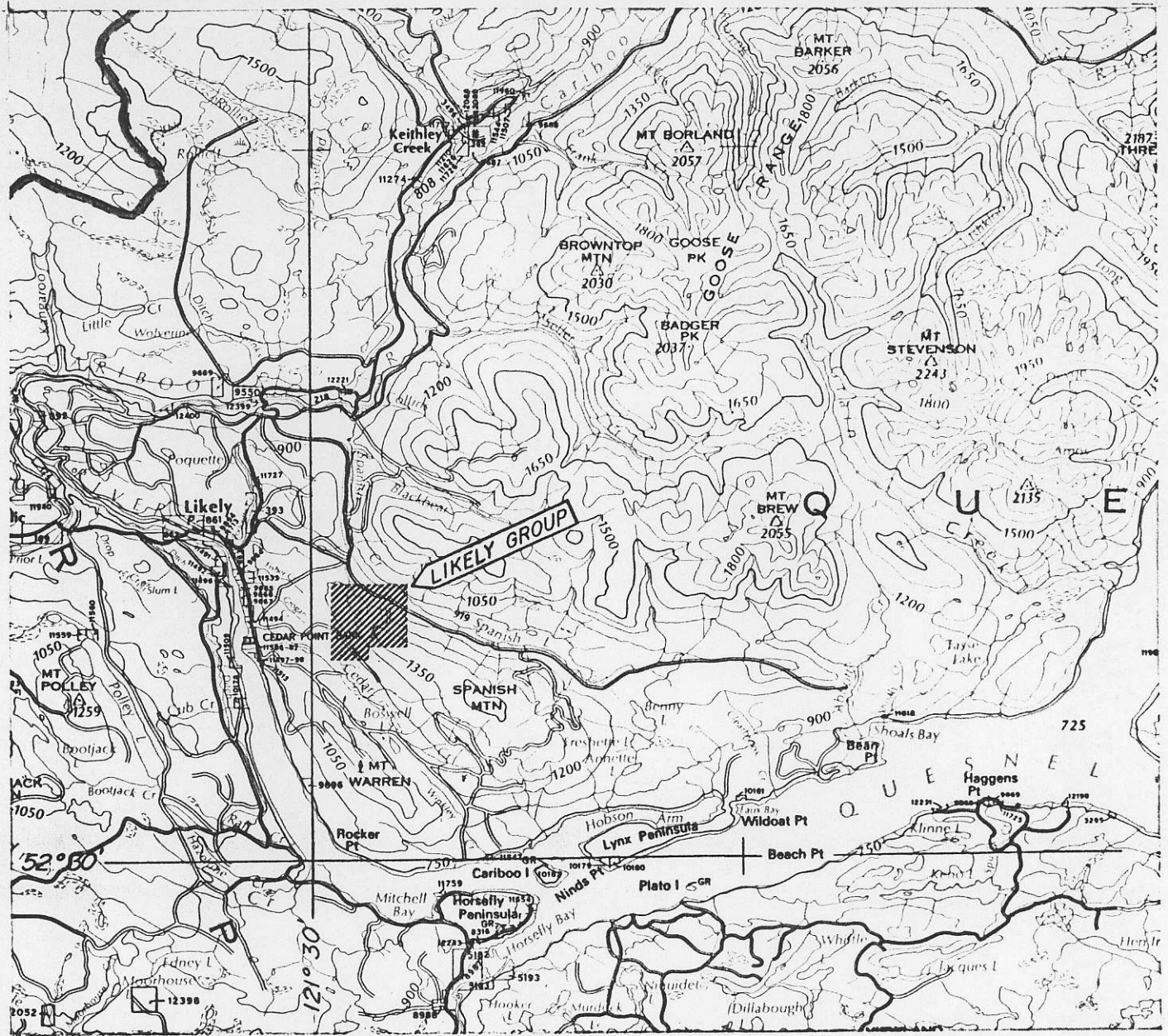
INTRODUCTION

In September, 1979, an Aquarius Resources Ltd. field crew conducted a geochemical survey on a portion of the Likely Group, and specifically the Peso B mineral claim, located approximately 8 km southeast of Likely, in southcentral British Columbia.

This report describes work done, results obtained, and was prepared for assessment work credits. Assessment work details are set out in Appendix I at the end of the report.

This report is based on field work carried out by the Aquarius Resources Ltd. field crew under the supervision of Mr. J.A. Stewart.



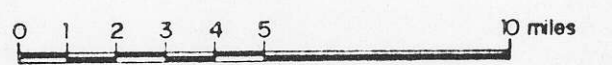


AQUARIUS RESOURCES LTD.

Lively Group Spanish Mtn. Cariboo Mining Division
 Peso Claims Near Lively, B.C. N.T.S. 93A/11 & 12

Figure 1
 Location Map

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



LOCATION AND ACCESS

The Likely Group is situated on the northwest flank of Spanish Mountain, between Cedar Creek and Spanish Creek, approximately 8 km east of Likely, in the historic Cariboo area of central British Columbia.

Good access is by truck from highway 97, and 150 Mile House, thence 75 km north northwest along a good gravel road to Likely. The property is then 8 km east on a good logging road.

The N.T.S. reference for the area is 93A/11W., latitude 52°35'N., longitude 121°29'W.



CLAIMS INFORMATION

The Likely Group consists of the Peso, Peso B, and Peso E modified grid system mineral claims located in the Cariboo Mining Division. Title to the Peso claim is held by R.E. Mickle of Powell River, B.C.; title to the Peso B and Peso E claims are held by Longbar Minerals Ltd. of Powell River, B.C. One hundred per cent interest in all three claims is in the process of being transferred to Aquarius Resources Ltd. of Edmonton, Alberta. Details are listed in the following table:

LIKELY GROUP

Claim name	Units	Record No.	Anniversary Date	Expiry Date before credits	Expiry Date after credits
Peso	9	487	September 21	1981	1981
Peso B	18	488	September 21	1979	1981
Peso E	6	481	September 21	1979	1981



BACKGROUND

Small placer operations were carried out in this area during the 1860's but no large scale mining was done. Interest revived in the 1920's with production from Spanish Creek to the north and Cedar Creek to the south. Desultory placer work has continued to the present, including some workings on Spanish Mountain.

Gold-bearing quartz veins were discovered on the northeast side of Spanish Mountain in 1933. The veins vary from a few centimetres up to 0.8 metres in width. *One sample from a vein 20 centimetres wide assayed 0.10 oz per ton in gold and 1.4 oz per ton in silver.

Fairly extensive work has been done on this area since 1933. Two adits were driven into sparsely mineralized quartz veins which are 2-5 metres thick. Up to 1947 several hundred feet of diamond drilling had been carried out in the area in search of mineralized quartz veins. The only



significant mineralization was found in the narrow quartz veins which have been exposed by trenching at several places. *Assays of selected samples of this type of vein gave values up to 5.88 oz per ton in gold and 32 oz per ton in silver. A 4 ton shipment of selected ore from surface cuts returned 8 oz of gold, 40 oz of silver, 32 lb of copper.

No significant work has been carried out since 1947 although local residents report intermittent activity.

* See bibliography for references.



REGIONAL GEOLOGY

The main feature of this area is a major fault trending NW-SE, parallel to the main fold axis. At the west end of Spanish Lake this fault swings to a WNW-ESE trend and parallels the lake along the northeast flank of Spanish Mountain. A number of smaller faults are parallel to the latter section of the major fault on its northeast side.

The fault separates Middle Jurassic or Cretaceous andesitic tuff, argillite, chert and conglomerate from Cambrian phyllite, slate and argillite. The latter lie on the north side of the fault and form part of the Cariboo Group which underlies the goldfields of the Yanks Peak area 30 km to the north.

The gold showings on Spanish Mountain are found in the area where the major fault changes strike.



LOCAL GEOLOGY

An excellent description of the local geology is given by A.L. Littlejohn, Geologist, in an assessment report dated September 30, 1977, on behalf of Longbar Minerals Ltd. (now Aquarius Resources Ltd.) and is reproduced in full below:

"The main rock type on Spanish Mountain is a dark grey, fine grained phyllite which is interbedded with impure quartzite horizons of varying thickness and extent. The strike is parallel to the major fault and the rocks dip moderately to the south. Dolomite occurs towards the crest of Spanish Mountain ridge. A medium-grained quartz-felspar dyke, striking NE - SW across the phyllites, was observed in a trench at 4,000 ft. elevation."

"There are two systems of quartz veins. At 3,900 ft. elevation a vein varying in thickness from 1 to 5 m. can be traced for 250 m along the strike. It strikes E-W and dips 60 degrees south. A second vein lies 30 ft.



below this and may represent a faulted portion of the main vein, since both are highly fractured, have the same mineralogy and the country rock at the contacts is highly sheared. The veins contain scattered patches of cubic pyrite (often altered to limonite) in open spaces and muscovite. Minor galena is also present. Most of the mineralization is at the contacts. Gold was panned from this vein system, although none was observed. Two adits (now inaccessible) have been driven into these veins. At 4,200 ft. elevation there is another massive quartz vein exposed (partly by trenching) for 30 m. It is about 8 m thick and strikes NW - SE. It's attitude could not be determined. It is highly fractured and shattered and is sparsely mineralized with pyrite."

"The second quartz vein system consists of a series of narrow (0.1 - 0.8 m) veins which strike NE-SW (approximately at right angles to the major fault) and dip 50-70 degrees to the west. Where exposed along road cuts and in trenches they are seen to be rather discontinuous, although one was traced over a length of 120 m. They are generally spaced several metres apart and the thicker ones are tens of metres apart. At least 15 such veins were found over a 40,000 square metre area. The



veins appear to be gash veins, filling fractures in the country rock. Often they are highly fractured themselves."

"The veins are mineralized with gold, silver, pyrite, galena and tetrahedrite. Pyrite occurs in cubic and prismatic aggregates which have usually weathered out to produce a honeycomb structure. This feature is particularly evident at the contacts and extends into the wall rock for a few centimetres, especially if the rock is argillaceous. Many of the cavities are lined with quartz on which the pyrite striations have been imprinted. Thin flakes of gold are found within these cavities and occasionally gold can be seen embedded in limonite. Gold and silver can be panned from the quartz. Alteration in the area is pervasive and has affected all rock types. Pyrite cubes up to 3 cm in diameter give the rocks a mottled appearance, especially the lighter coloured quartzites. In the phyllites, pyrite also forms small pods and stringers. Pyrite mineralization does not appear to favour one particular rock type. This type of mineralization is widespread, being found in argillites on the north side and east end of Spanish Lake. The



association of gold and pyrite is evident in the quartz veins and in the placer workings of Cedar Creek. Pyrite usually has a thin coating of red haematite and more often than not is completely oxidized to limonite. The presence of quartz linings in the pyrite cavities suggests that some silicification has occurred in association with the quartz veining, but this appears to be local."

"A second type of alteration is carbonatization. Ankerite occurs as discrete, brown grains with oval or diamond-shaped cross-section in dolomite and quartzite and in the intrusive dyke. It adds to the already mottled appearance of the rocks. Carbonate minerals also occur in patches within the rock groundmass. It is suspected that rock noted as dolomite in the field, may in fact be highly altered quartzite or intrusive. A mariposite-like green mineral occurs in scattered patches, noticeable in the lighter coloured rocks."



WORK DONE

The 1979 work on the Likely Group (and specifically the Peso B claim) was carried out by a three (3) fieldperson, one helper, crew supervised by Mr. J.A. Stewart, prospector. Work included the establishment of eleven (11) km of ground control flag and blaze grid with cross lines 100 m apart and stations at 25 m intervals, the collection of 426 upper "B" horizon (where possible) soil samples; and a tie in of physical features including claim posts, old workings, trenches, adits, dams and creeks.

Several hand specimens were collected by Mr. Stewart, one of which was geochemically analyzed.



FIELD PROCEDURE

Two two-person sample teams were deployed with compass, chain, axe and standard kraft paper sample bags. Soil stations were dug to a depth of several decimetres with a grub hoe and samples were bagged. Soil samples were strung and air dried at the motel at the end of each day's work. Mr. Stewart supervised these teams and traversed the grid area and old roads inspecting old workings, trenches, etc. and examining hand specimens one of which was geochemically analyzed for gold (190 ppb) and lead (3400 ppm). At the end of the project the samples were sealed in cardboard cartons and delivered to Min-En Labs Ltd. of North Vancouver, upon immediate return, where they were analyzed for gold and lead.



RESULTS OBTAINED

Gold in soils ranged from a low of less than 5 parts per billion (ppb) to a high of 6000 ppb. A frequency histogram of 115 random samples was plotted and the resulting curve was skewed right with the 45 to 60 ppb class and 90 to 105 ppb class not conforming (exceeding normal distribution). The geochemical data map was subsequently contoured at the 45 ppb and 90 ppb intervals and accompanies this report. The arithmetic mean was 75 ppb and standard deviation a rather high 158.

Lead in soils ranged from a low of 2 parts per million (ppm) and high of 77 ppm. The resulting frequency histogram illustrated a curve of normal distribution with the 32 to 36 ppm and 40 to 44 ppm population classes exceeding the normal. 115 random samples were taken; the arithmetic mean was 20 ppm and the standard deviation was 9. The geochemical data map was contoured at the 32 and 40 ppm levels and accompanies the report.



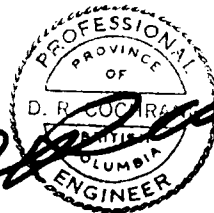
DISCUSSION

The average gold content, and range of values in upper "B" horizon soils on the Peso Claims is exceedingly high. Geochemical soil sampling and analysis for gold appears to be an excellent exploration tool in this area. The most impressive anomaly (above 90 ppb) lies along and close to the base line at the north end of the grid area. This area should be trenched, mapped and sampled.

Respectfully submitted



A handwritten signature in black ink, appearing to read 'D. R. Cochrane', is written over a circular professional seal.



D. R. Cochrane, P. Eng.

November 26, 1979,

Delta, B. C.

APPENDIX I

ASSESSMENT WORK DETAILS

Personnel and Dates Worked:

J. A. Stewart, prospector,	September 11 to 17, (incl.) 1979
Three field persons,	" " " "
One helper	" " " "
Draftsperson and Typist	September 11, 17, and 21, 1979 and various dates during data reduction and report preparation.
D. R. Cochrane, P. Eng.	Various dates throughout project and report preparation.

COST STATEMENT:

J. A. Stewart, 7 days at \$200/day	\$ 1,400.00
Field person, 7 days at \$75/day	525.00
Field person, 7 days at \$75/day	525.00
Field person, 7 days at \$75/day	525.00
Helper, 7 days at \$50/day	350.00
Food,	420.00
Accommodation,	357.00
Vehicles, two 4 x 4's, 7 days at \$35/day...	245.00
Mileage, 2824 km at \$0.15/km	423.60
Drafting, office time, 32 hrs at \$13.50/hr	432.00
Typing, 5 hrs at \$10/hr	50.00
Report preparation, D. R. Cochrane 2 one half days at \$200/day	200.00
Reproduction, collation, binding	100.00
426 soil sample analysis, Au and Pb at \$6 ea.	2,556.00
Misc. expenses,	108.00
Total	\$ 8,216.60

APPENDIX I (cont'd)

COST DISTRIBUTION

Total Project Cost \$ 8,216.60

2 years credits to Peso B
(18 units) at \$100/unit/year \$3600.00

2 years credits to Peso E
(6 units) at \$100/unit/year \$1200.00 4,800.00

Work credited to Aquarius Resources

P.A.C. account \$ 3,416.60



APPENDIX II

REFERENCES:

B. C. Minister of Mines Annual Reports

1923 pg 124-130
1924 pg 119-126
1933 pg.134-135
1947 pg 123-127

Campbell, R.B.

1961: Quesnel Lake Map Sheet (93A/W)

Littlejohn, A.L.

Sept. 1977 : Assessment Report on the Peso Claims.

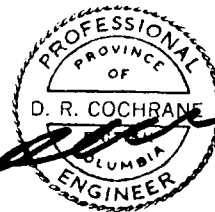


APPENDIX III

CERTIFICATE

I, Donald Robert Cochrane, of the Municipality of Delta, British Columbia, do hereby certify that:

1. I am a consulting geological engineer with an office at 4882 Delta Street, Delta, B.C. V4K 2T8
2. I am a graduate of the University of Toronto (1962) with a degree in Applied Geology (B.A.Sc.) and a graduate of Queen's University (1964) with a degree in Economic Geology (M.Sc., Eng.).
3. I have practiced my profession continuously since graduation while being employed by such companies as Noranda Exploration Co. Ltd., Quebec Cartier Mines, and Meridian Explorations Syndicate. I have been in private independent practice since 1969.
4. I have no interest, either direct or indirect in the properties or securities of Aquarius Resources Ltd., nor do I expect to acquire any such interest.
5. I am a member in good standing of the Association of Professional Engineers (A.P.E.) of the Province of British Columbia, and also a member of the A.P.E. in the Province of Ontario, Saskatchewan, Alberta and the Yukon Territories.



D. R. Cochrane, P. Eng.
November 26, 1979,
Delta, B. C.



APPENDIX IV

ANALYTICAL REPORT



MIN-EN Laboratories Ltd.

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

ANALYTICAL REPORT

Project **Peso** Date of report **Sept. 25/79.**

File No. **9-669** Date samples received **Sept. 19/79.**

Samples submitted by:

Company: **Aquarius Resources/Cochrane Consultants**

Report on: **461 soils** Geochem samples

..... Assay samples

Copies sent to:

1. **Aquarius Resources, Powell River, B.C.**
2. **Cochrane Consultants, Delta, B.C.**
3.

Samples: Sieved to mesh **-80** Ground to mesh

Prepared samples stored discarded

 rejects stored discarded

Methods of analysis: **Pb-nitric, perchloric digestion. A.A. Analysis.**

..... **Au-Aqua Regia. A.A. Analysis.**

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMP/

Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

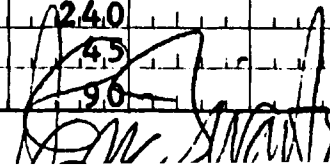
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

1979.

ATTENTION:

Sample Number	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
	Mg ppm	Ca ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
PL0+00		0+25W	37									200				
		0+50W	26									150				
		0+75W	21									55				
		1+00W	23									45				
		1+25W	23									25				
		1+50W	29									95				
		1+75W	34									10				
		2+00W	10									45				
		2+25W	12									5				
		2+50W	20									25				
		2+75W	46									55				
		3+00W	25									200				
		3+25W	13									45				
		3+50W	22									110				
		3+75W	19									65				
PL0+00		4+00W	21									10				
PL1+00		N0+25W	24									15				
		0+50W	35									120				
		0+75W	no sample									no sample				
		1+00W	32									90				
		1+25W	17									50				
		1+50W	24									95				
		1+75W	16									45				
		2+00W	31									110				
		2+25W	24									55				
		2+50W	25									25				
		2+75W	22									40				
		3+00W	29									240				
		3+25W	18									45				
PL1+00		N3+50W	25									96				


 M. Smith

COMP/

Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1979.

ATTENTION:

Sample Number	6 86	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
	% %	% %	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
PL1+0.0S0+2.5E			17										300			
			14										75			
			12										65			
			15										30			
			24										65			
			29										1350			
			30										65			
			39										85			
			26										5			
			40										10			
PL1+0.0S2+7.5E			42										65			
PL2+0.0S0+2.5E			23										240			
			17										5			
			17										5			
			13										65			
			14										65			
			29										200			
			10										10			
			11										65			
			11										65			
			24										5			
			10										65			
PL2+0.0S3+0.0E			15										200			
PL4+0.0S0+2.5W			47										50			
			23										5			
			17										5			
			29										500			
			24										10			
			25										25			
PL4+0.0S1+7.5W			30										10			

CERTIFIED BY

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

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

1979.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample. No	Se	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au					
Number	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
PL4+0.0	S2+0.0W		23									45				
	2+2.5W		15									5				
	2+5.0W		5									45				
	2+7.5W		17									20				
	3+0.0W		44									5				
	3+2.5W		17									45				
	3+5.0W		19									5				
	3+7.5W		14									45				
PL4+0.0	S4+0.0W		10									45				
PL3+0.0	S0+2.5W		12									10				
	0+5.0W		13									5				
	0+7.5W		16									45				
	1+0.0W		25									45				
	1+2.5W		21									10				
	1+5.0W		no sample									no sample				
	1+7.5W		no sample									no sample				
	2+0.0W		11									5				
	2+2.5W		10									65				
	2+5.0W		10									5				
	2+7.5W		9									45				
	3+0.0W		14									5				
	3+2.5W		15									110				
	3+5.0W		27									5				
	3+7.5W		24									45				
PL3+0.0	S4+0.0W		20									15				
PL2+0.0	S0+2.5W		13									125				
	0+5.0W		12									560				
	0+7.5W		11									10				
	1+0.0W		17									15				
PL2+0.0	S1+2.5W		12									25				

CERTIFIED BY

COMPASS

Resource
Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

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

1979.

ATTENTION:

Sample Number	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
		Fe ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
PL2+00S1+50W				20									25				
				22									30				
				19									15				
				17									5				
				20									45				
				37									10				
				22									30				
				12									45				
				26									5				
				24									45				
PL2+00S4+00W				32									5				
PL1+00S0+25W				19									25				
				22									30				
				16									35				
				26									5				
				30									5				
				18									5				
				18									10				
				22									45				
				17									45				
				16									5				
				18									130				
				16									30				
				16									5				
				17									45				
				22									25				
PL1+00S4+00W				16									15				
PL7+00S0+25E				14									45				
				28									30				
PL7+00S0+75E				14									45				

Handwritten signature: NEON SWARTS

COMP.

Inquiries: res rc
Cochrane Consultants**GEOCHEMICAL ANALYSIS DATA SHEET**No. **9-669**PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 2.705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814**1979.**

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample Number	% Zn	% Pb	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
PL7+00	S1+00	E	13				.					5				
	1+25	E	19				.					50				
	1+50	E	23				.					25				
	1+75	E	52				.					15				
	2+00	E	21				.					10				
	2+25	E	49				.					15				
	2+50	E	30				.					20				
	2+75	E	25				.					25				
	3+00	E	14				.					10				
	3+25	E	33				.					60				
	3+50	E	29				.					40				
	3+75	E	47				.					5				
	4+00	E	24				.					20				
	4+25	E	31				.					45				
	4+50	E	43				.					45				
	4+75	E	28				.					20				
PL7+00	S5+00	E	19				.					30				
PL8+00	S0+25	E	21				.					25				
	0+50	E	16				.					20				
	0+75	E	27				.					15				
	1+00	E	24				.					45				
	1+25	E	18				.					10				
	1+50	E	17				.					15				
	1+75	E	20				.					20				
	2+00	E	22				.					15				
	2+25	E	17				.					5				
	2+50	E	17				.					10				
	2+75	E	18				.					20				
	3+00	E	23				.					5				
PL8+00	S3+25	E	37				.					180				

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: **Sept. 2**

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

1979.

ATTENTION:

Sample Number	6 Pb 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
PL8+00S3+50E			17									15				
			28									5				
			24									10.0				
			77									14.5				
			25									5				
			20									9.60				
PL8+00S5+00E			48									17.0				
PL10+00S0+25W			22									17.5				
			18									3.0				
			26									10.0				
PL10+00S1+00W			21									6.0				
BL-10+25S			17									5				
			23									9.5				
			18									6.5				
			20									5				
			25									2.0				
			13									1.5				
			16									5				
			13									1.0				
			17									16.0				
			18									17.5				
			20									600.0				
			16									1.5				
			29									5.5				
			22									23.0				
			11									3.5				
			no sample									no sample				
			23									3.0				
			26									5				
BL-14+75S			19									5				

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COMP/

quinn-es-rc
Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

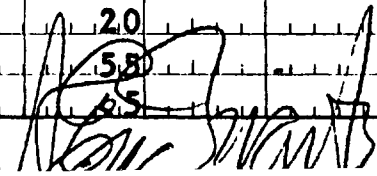
DATE: Sept. 25705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1979.

ATTENTION:

Sample Number	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	%	%	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
BL-15+0.0S			15										20			
15+2.5S			no sample													
15+5.0S			34										10			
15+7.5S			16										15			
16+0.0S			23										10			
16+2.5S			20										10			
16+5.0S			33										10			
16+7.5S			20										5			
17+0.0S			22										20			
17+2.5S			23										15			
17+5.0S			19										25			
17+7.5S			17										5			
18+0.0S			18										10			
18+2.5S			19										15			
18+5.0S			no sample													
18+7.5S			20										25			
19+0.0S			22										10			
19+2.5S			18										10			
19+5.0S			19										15			
19+7.5S			18										5			
BL-20+0.0S			23										25			
PL11+0.0S0+2.5E			17										15			
0+5.0E			30										170			
0+7.5E			26										745			
1+0.0E			18										15			
1+2.5E			17										20			
1+5.0E			34										10			
1+7.5E			18										20			
2+0.0E			20										58			
PL11+0.0S2+2.5E			17										45			

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GEOCHEMICAL ANALYSIS DATA SHEET

File No. **9-669**

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 2

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

1979.

ATTENTION:

Sample Number	6 Mg ppm	10 Ca 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
PL11+00S2+50E			12									65				
2+75E			18									20				
3+00E			10									15				
3+25E			5									15				
3+75E			22									15				
4+00E			14									415				
4+25E			23									50				
4+50E			2									45				
4+75E			10									20				
PL11+00S5+00E			10									5				
PL12+00S0+25E			12									55				
0+50E			9									40				
0+75E			14									5				
1+00E			8									50				
1+25E			4									80				
1+50E			7									5				
1+75E			8									15				
2+00E			14									15				
2+25E			14									10				
2+50E			12									45				
2+75E			9									15				
3+00E			6									60				
3+25E			9									25				
3+50E			10									5				
3+75E			10									35				
4+00E			20									20				
4+25E			12									545				
4+50E			48									45				
4+75E			17									290				
PL12+00S5+00E			18									15				

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GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1979

ATTENTION:

Sample Number	6 Mg ppm	10 Ca 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
PL13+00S0+25E			17									5				
			12									10				
			7									75				
			14									5				
			6									20				
			23									35				
			12									10				
			8									10				
			22									500				
			13									5				
			21									25				
			19									25				
			22									30				
			20									15				
			33									5				
			25									5				
			42									15				
			21									10				
			36									5				
PL13+00S5+00E			17									5				
PL14+00S0+25E			17									5				
			no sample									no sample				
			19									35				
			16									140				
			13									10				
			21									20				
			22									15				
			14									65				
			12									10				
PL14+00S2+50E			9									5				

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GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1979.

ATTENTION:

Sample. Number	6 Mg ppm	10 Ca 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
PL14+00S2+75E			15									10				
3+00E			10									15				
3+25E			7									5				
3+50E			11									45				
3+75E			13									15				
4+00E			19									5				
4+25E			10									45				
4+50E			14									5				
4+75E			21									15				
PL14+00S5+00E			12									10				
PL5+00S0+25E			18									15				
0+50E			14									180				
0+75E			9									10				
1+00E			15									65				
1+25E			16									90				
1+50E			8									85				
1+75E			13									15				
2+00E			9									5				
2+25E			14									10				
2+50E			8									45				
2+75E			31									90				
PL5+00S3+00E			10									110				
PL6+00S0+25E			13									55				
0+50E			5									20				
0+75E			7									5				
1+00E			18									10				
1+25E			7									10				
1+50E			11									15				
1+75E			9									30				
PL6+00S2+00E			9									16				

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GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

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

1979

ATTENTION:

Sample Number	6 % ppm	10 % ppm	15 % ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co 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	95	100	105	110	115	120	125	130	135	140	145	150	155	160
PL6+0.0	S2+2.5E			23				.					110			
	2+5.0E			14				.					30			
	2+7.5E			12				.					45			
PL6+0.0	S3+0.0E			25				.					35			
PL3+0.0	S0+2.5E			11				.					60			
	0+5.0E			7				.					45			
	0+7.5E			13				.					65			
	1+0.0E			14				.					35			
	1+2.5E			13				.					20			
	1+5.0E			16				.					40			
	1+7.5E			14				.					5			
	2+0.0E			14				.					20			
	2+2.5E			11				.					10			
	2+5.0E			13				.					120			
	2+7.5E			18				.					300			
PL3+0.0	S3+0.0E			37				.					70			
PL9+0.0	S0+2.5E			22				.					35			
	0+5.0E			12				.					170			
	0+7.5E			12				.					55			
	1+0.0E			14				.					50			
	1+2.5E			7				.					30			
	1+5.0E			13				.					45			
	1+7.5E			11				.					140			
	2+0.0E			10				.					20			
	2+2.5E			9				.					35			
	2+5.0E			12				.					25			
	2+7.5E			8				.					25			
	3+0.0E			10				.					5			
	3+2.5E			7				.					10			
PL9+0.0	S3+5.0E			13				.					5			

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Julius Associates
 Cochrane Consultants

GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Paso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

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

ATTENTION:

1979.

Sample. Number	6 10 86 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
	Mc ppm	Sr ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
PL9+00S3+75E			17									5			
4+00E			16									10			
4+25E			28									30			
4+50E			21									45			
4+75E			40									35			
PL9+00S5+00E			39									5			
PL10+00S0+25E			22									10			
0+50E			24									55			
0+75E			13									10			
1+00E			18									5			
1+25E			15									15			
1+50E			17									115			
1+75E			14									5			
2+00E			11									5			
2+25E			18									10			
2+50E			16									15			
2+75E			9									10			
3+00E			10									5			
3+25E			16									5			
3+50E			24									10			
3+75E			15									50			
4+00E			32									5			
4+25E			46									25			
4+50E			21									10			
4+75E			20									75			
PL10+00S5+00E			36									20			
P-BL0+00N			31									280			
0+25N			30									35			
0+50N			25									720			
P-BL0+75N			11									25			

720
 25
 [Signature]

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: Peso

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

DATE: **Sept. 2**
1979.

ATTENTION:

Sample Number	6 Mg ppm	10 Ca ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co 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	95	100	105	110	115	120	125	130	135	140	145	150	155	160
P-BL1+0.0N				33				.					120			
1+2.5N				20				.					90			
1+5.0N				26				.					95			
1+7.5N				17				.					10			
2+0.0N				37				.					45			
2+2.5N				25				.					125			
P-BL2+5.0N				15				.					30			
P-BL0+0.0-0+2.5E				21				.					80			
0+5.0E				16				.					25			
0+7.5E				13				.					5			
1+0.0E				16				.					10			
1+2.5E				15				.					65			
1+5.0E				12				.					65			
1+7.5E				14				.					70			
2+0.0E				25				.					65			
2+2.5E				24				.					5			
P-BL10+0.0-2+5.0E				37				.					90			
PL1+0.0N0+2.5E				18				.					130			
0+5.0E				14				.					165			
0+7.5E				20				.					120			
1+0.0E				23				.					200			
1+2.5E				32				.					270			
1+5.0E				31				.					490			
1+7.5E				21				.					100			
PL1+0.0N2+0.0E				22				.					200			
PL2+0.0N0+2.5E				18				.					190			
0+5.0E				19				.					20			
0+7.5E				21				.					1150			
1+0.0E				23				.					270			
PL2+0.0N1+2.5E				20				.					140			

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GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

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

PHONE (604) 980-5814

ATTENTION:

1979

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	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
PL2+0.0	N1+5.0	E	31									30				
PL3+0.0	N0+2.5	E	19									75				
	0+5.0	E	35									35				
	0+7.5	E	21									95				
	1+0.0	E	42									110				
	1+2.5	E	41									30				
PL3+0.0	N1+5.0	E	23									25				
BL-0+2.5	S		39									140				
	0+5.0	S	34									70				
BL-0+7.5	S		17									15				
BL-1+0.0	S		16									5				
	1+2.5	S	14									65				
	1+5.0	S	12									85				
	1+7.5	S	13									15				
	2+0.0	S	14									40				
	2+2.5	S	6									35				
	2+5.0	S	5									15				
	2+7.5	S	9									25				
	3+0.0	S	10									20				
	3+2.5	S	5									5				
	3+5.0	S	3									25				
	3+7.5	S	11									30				
	4+0.0	S	26									65				
	4+2.5	S	37									25				
	4+5.0	S	18									5				
	4+7.5	S	30									10				
	5+0.0	S	27									15				
	5+2.5	S	15									10				
	5+5.0	S	16									10				
BL-5+7.5	S		12									10				

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GEOCHEMICAL ANALYSIS DATA SHEET

No. 9-669

PROJECT No.: Peso

MIN - EN Laboratories Ltd.

DATE: Sept. 25

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

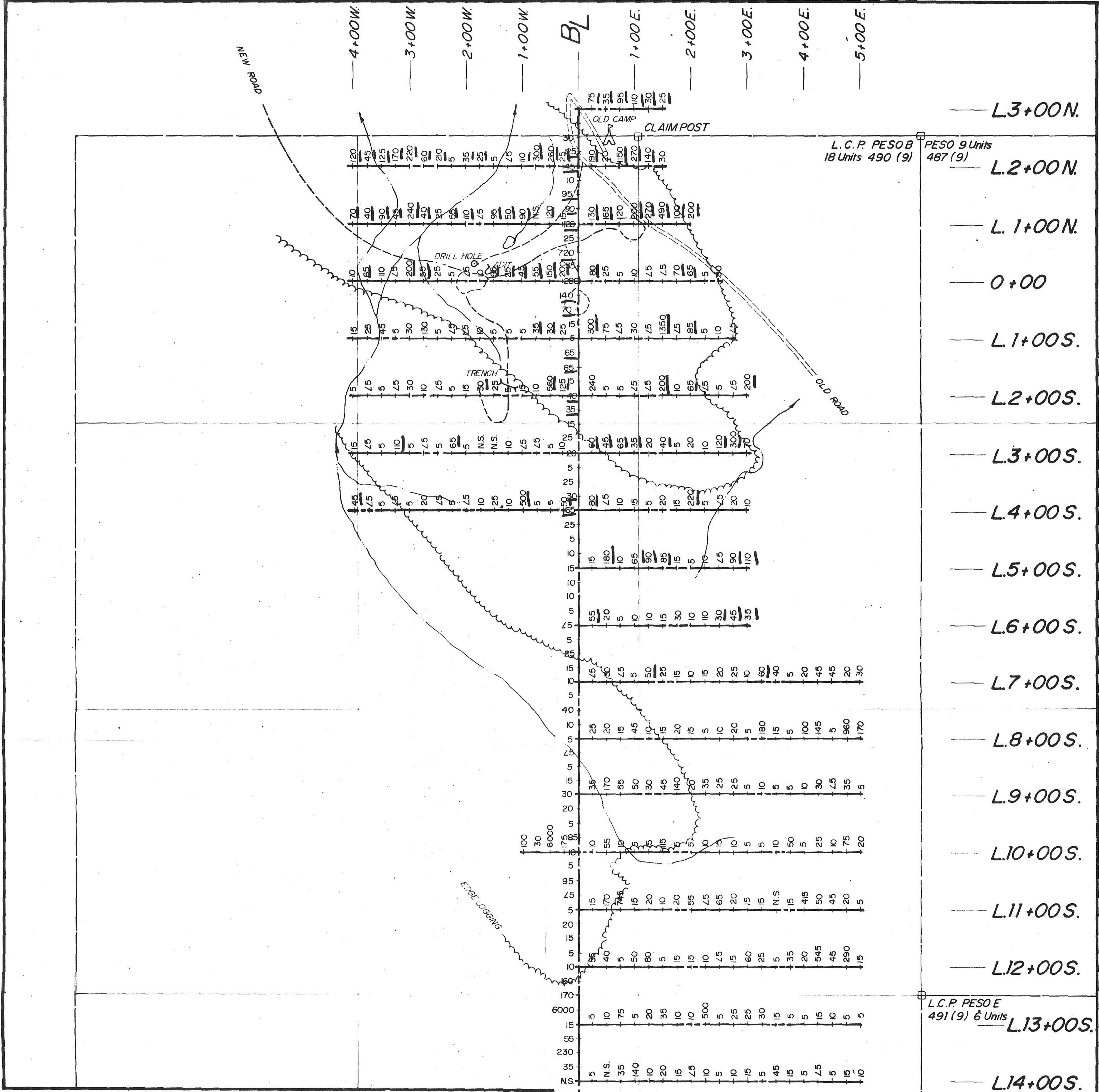
ATTENTION:

1979.

Sample. Number	6 X ppm	10 X ppm	15 X ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co 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	95	100	105	110	115	120	125	130	135	140	145	150	155	160
BL-6+00S				27				.					65			
6+25S				26				.					5			
6+50S				23				.					25			
6+75S				19				.					15			
7+00S				15				.					10			
7+25S				18				.					5			
7+50S				19				.					40			
7+75S				21				.					10			
8+00S				22				.					5			
8+25S				22				.					65			
8+50S				15				.					5			
8+75S				18				.					15			
9+00S				17				.					30			
9+25S				23				.					20			
9+50S				22				.					5			
9+75S				16				.					85			
BL-10+00S				27				.					10			
#1				3400				.					190			

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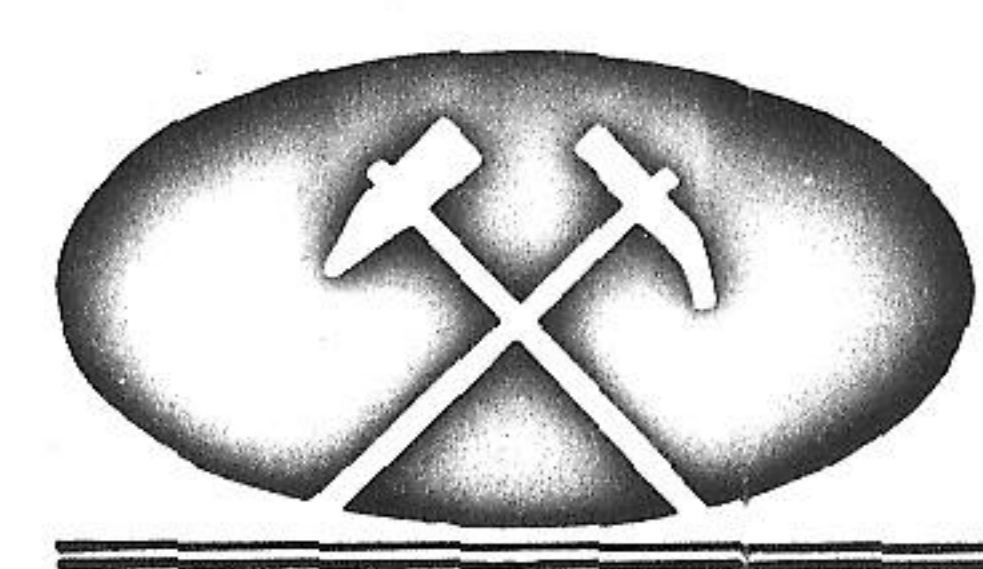
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L.C.P. PESO B
18 Units 490 (9)

PESO 9 Units
487 (9)

L.C.P. PESO E
491 (9) 6 Units



AQUARIUS RESOURCES LTD.

Likely Group Spanish Mountain Cariboo Mining Division
 Peso Claims Near Likely, B.C. N.T.S. 93A / 11 & 12

1:5,000

To accompany a report by D.R. COCHRANE, P. Eng. on the PESO CLAIMS dated November 26, 1979

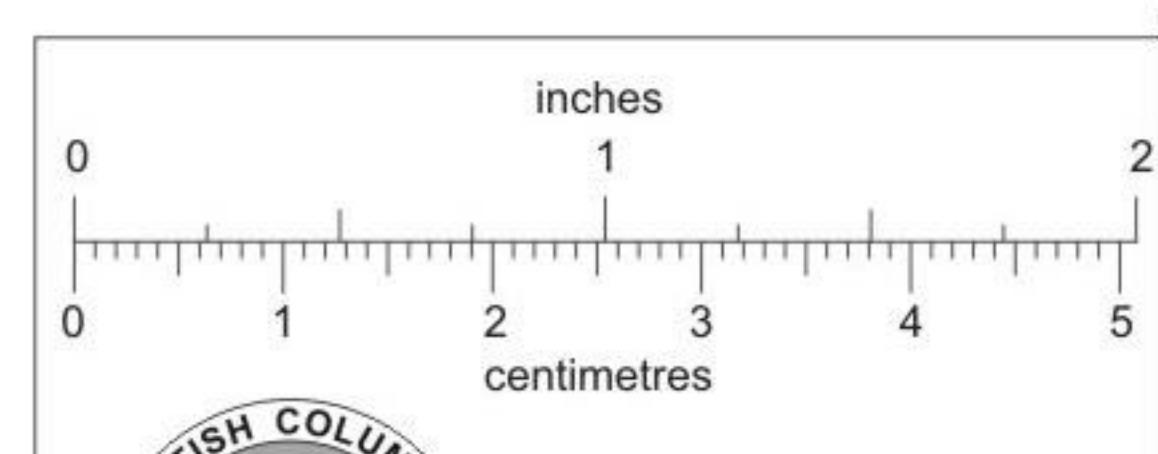
GEOCHEMICAL DATA (Au / p.p.b.)

FIG. 3

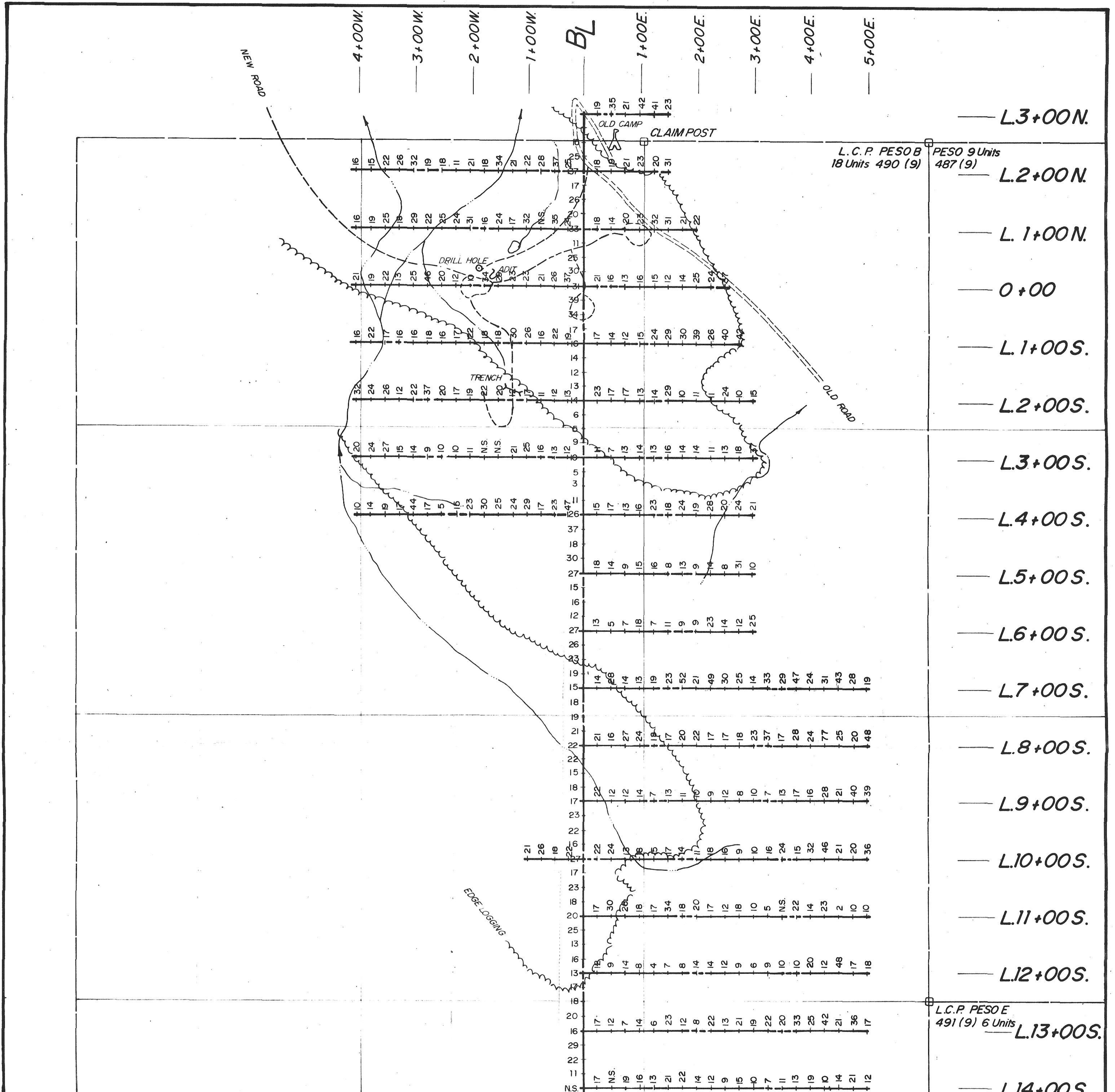


Cochrane Consultants Limited
 4882 Delta St., Delta, B.C. V4K 2T8 946-9221

P.K.C. November / 79.



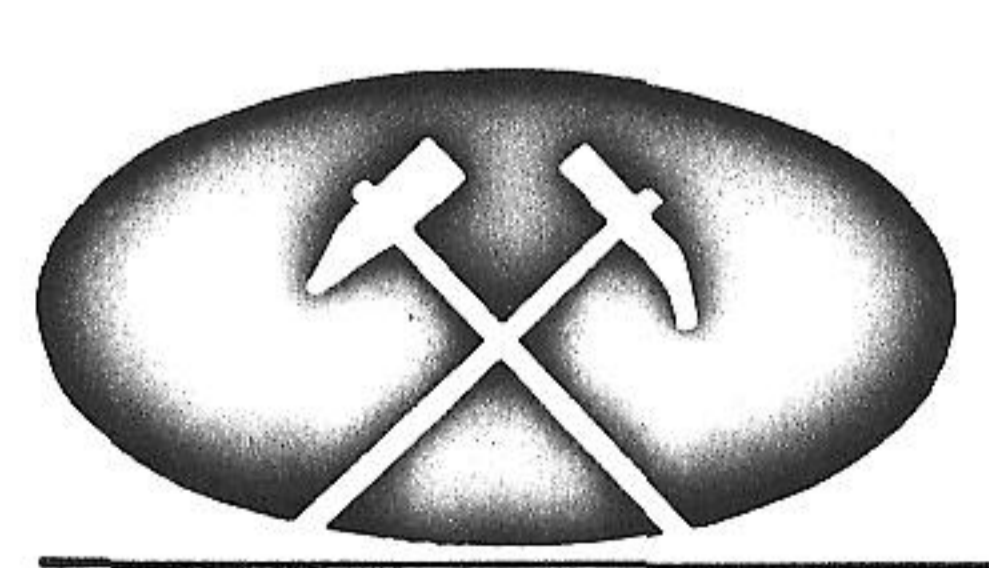
BRITISH COLUMBIA
 GEOLOGICAL SURVEY
 This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



L.C.P. PESO B
18 Units 490 (9)

PESO 9 Units
487 (9)

L.C.P. PESO E
491 (9) 6 Units



AQUARIUS RESOURCES LTD.

Likely Group Spanish Mountain Cariboo Mining Division
 Peso Claims Near Likely, B.C. N.T.S. 93A / 11 & 12

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

To accompany a report by D.R. COCHRANE, P. Eng. on the PESO CLAIMS dated November 26, 1979.

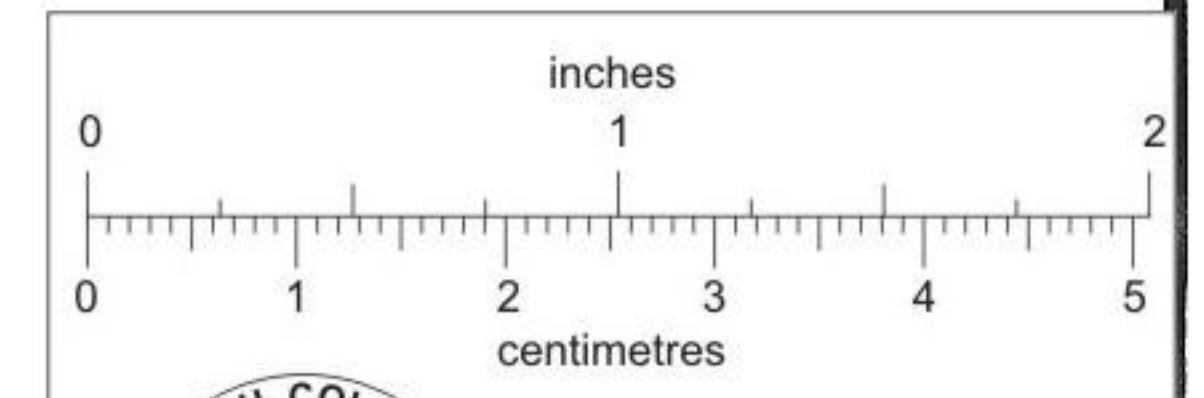
GEOCHEMICAL DATA (Pb/p.p.m.)

FIG. 4

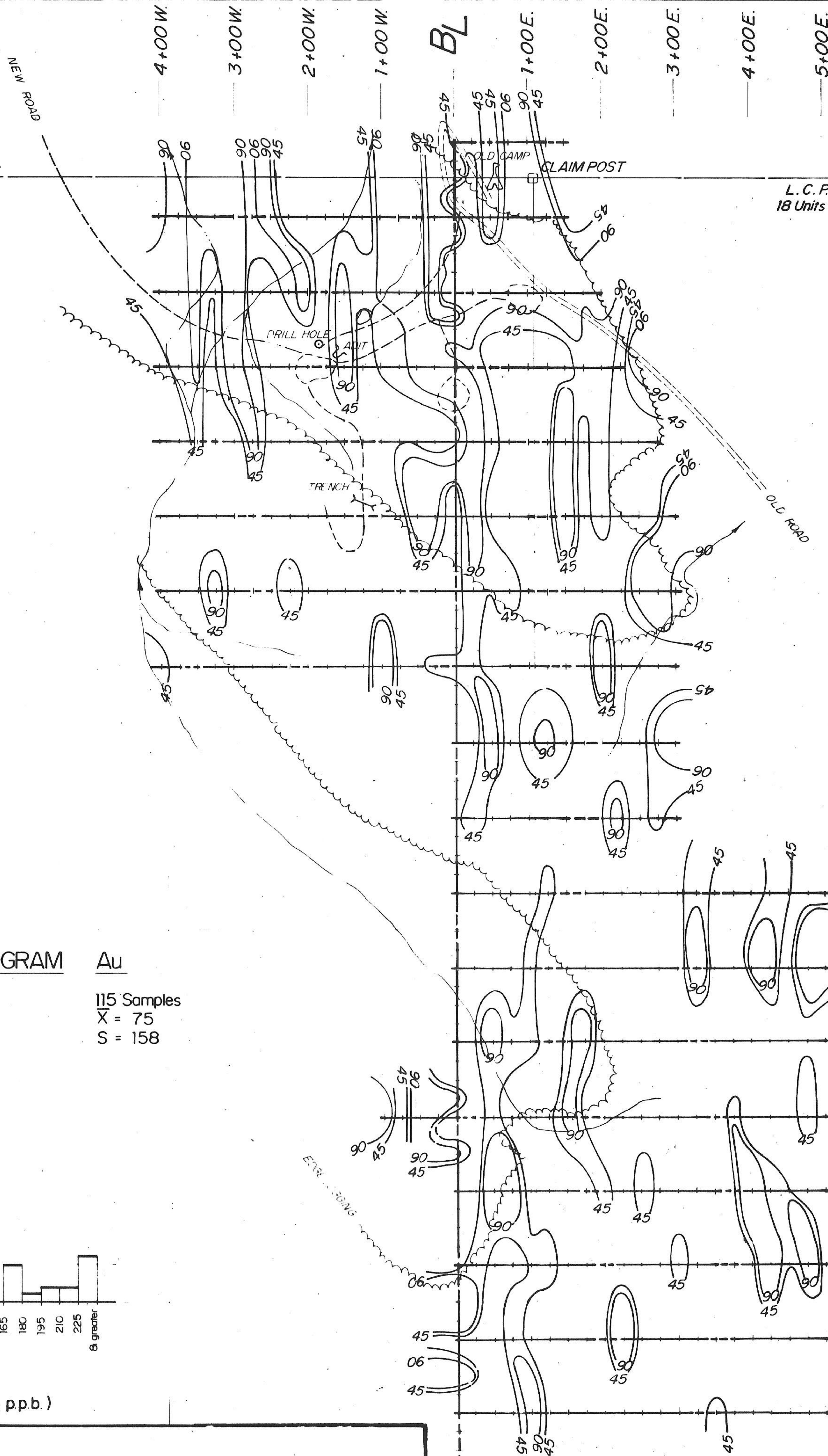


Cochrane Consultants Limited
 4882 Delta St., Delta, B.C. V4K 2T8 946-9221

P.K.C. November / 79.



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



L.C.P. PESO B
18 Units 490 (9)

PESO 9 Units
487 (9)

L.3+00N.

L.2+00N.

L.1+00N.

0+00

L.1+00S.

L.2+00S.

L.3+00S.

L.4+00S.

L.5+00S.

L.6+00S.

L.7+00S.

L.8+00S.

L.9+00S.

L.10+00S.

L.11+00S.

L.12+00S.

L.C.P. PESO E
491 (9) 6 Units

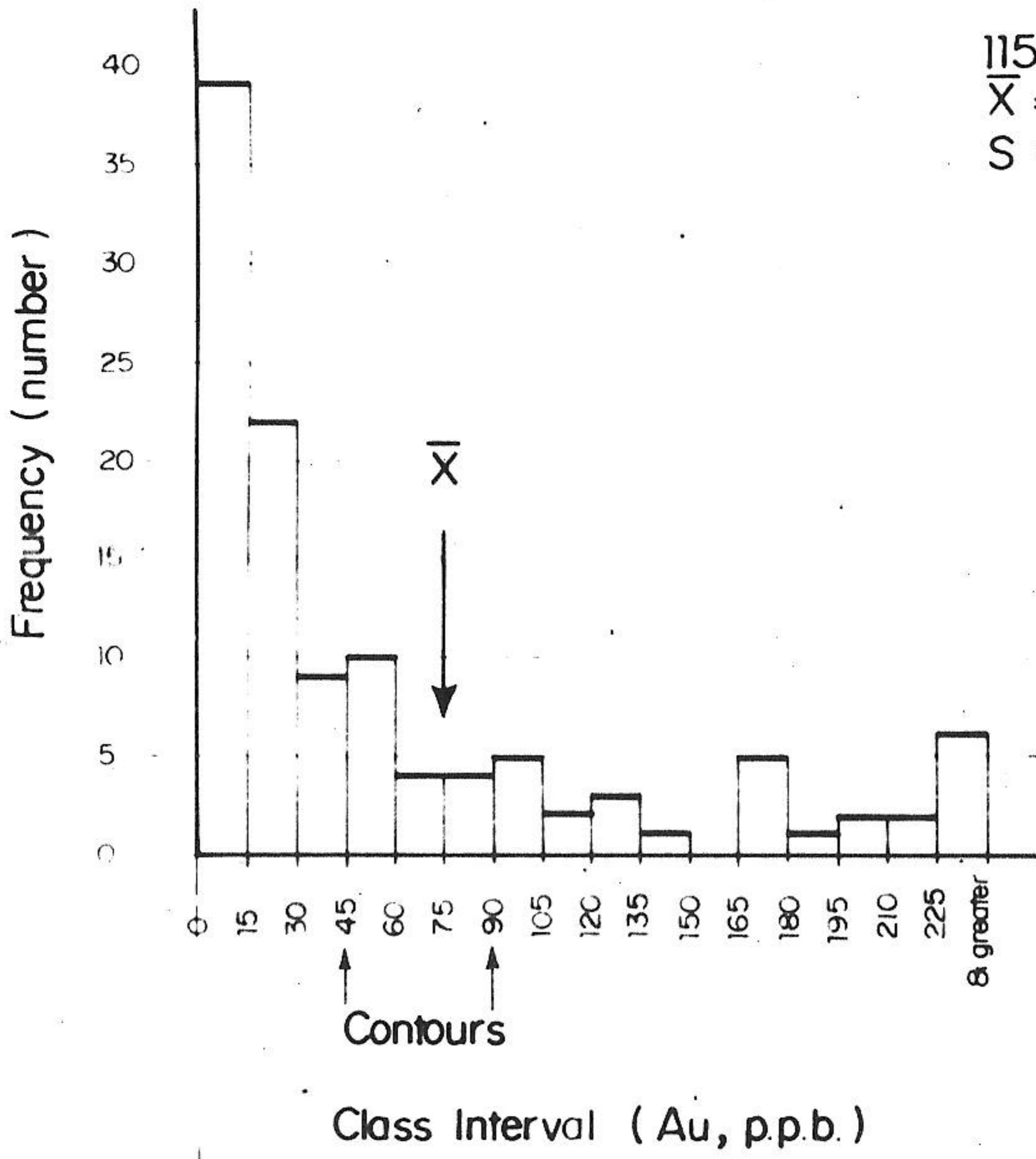
L.13+00S.

L.14+00S.

FREQUENCY HISTOGRAM Au

Au

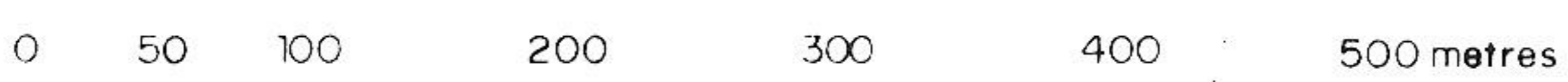
115 Samples
X̄ = 75
S = 158



AQUARIUS RESOURCES LTD.

Likely Group Spanish Mountain Cariboo Mining Division
Peso Claims Near Likely, B.C. N.T.S. 93A / 11 & 12

1:5,000



To accompany a report by D.R. COCHRANE, P. Eng. on the PESO CLAIMS dated November 26, 1979.

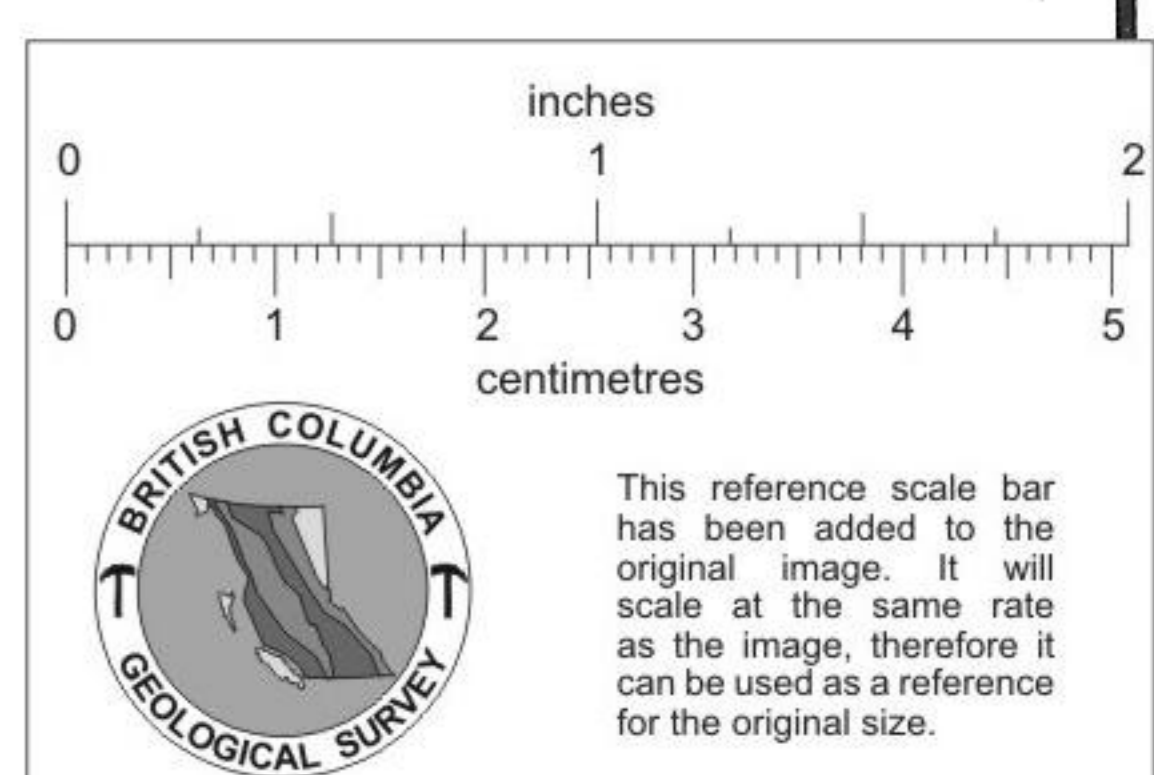
GEOCHEMICAL CONTOURS
(Au / p.p.b.)

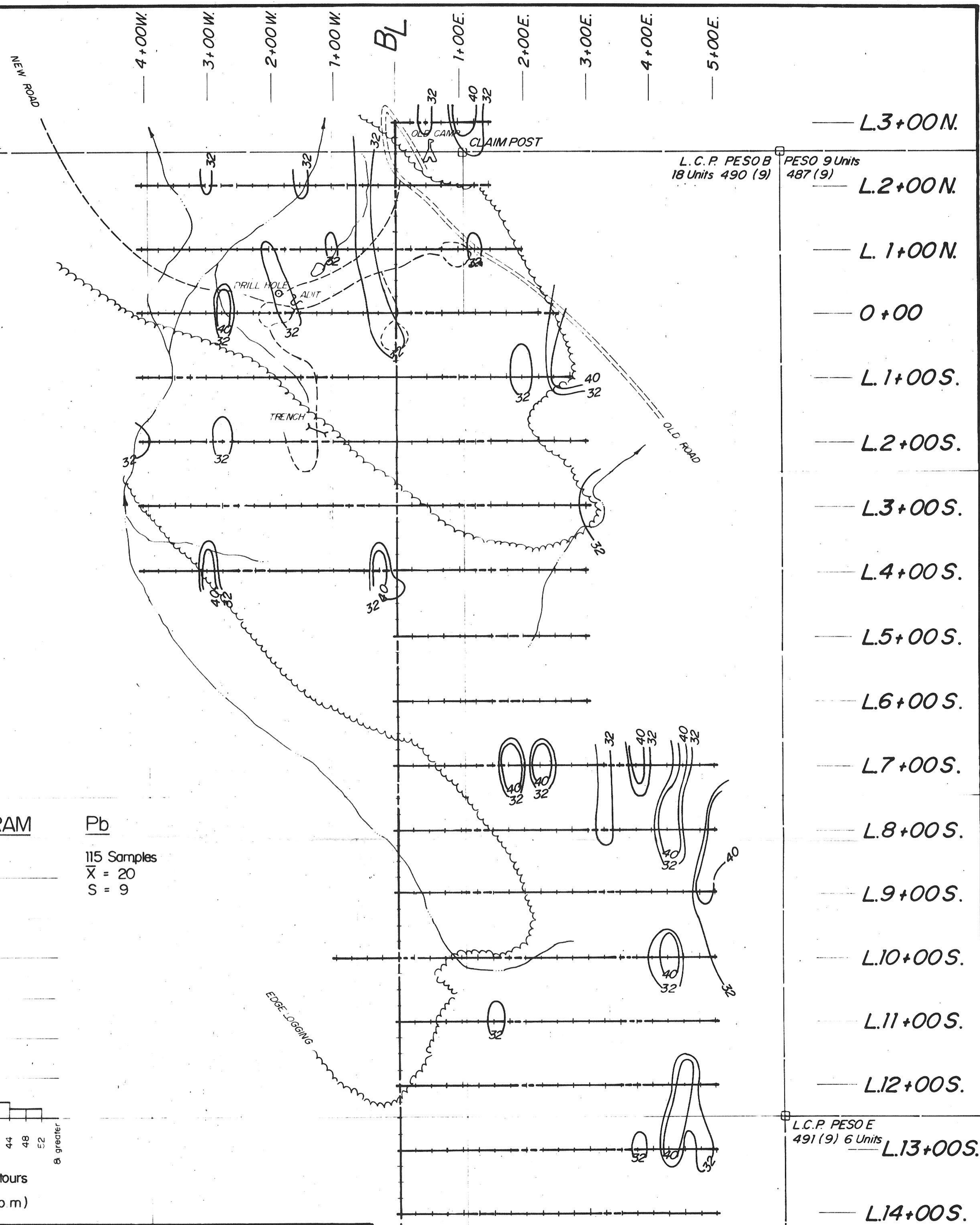
FIG. 5



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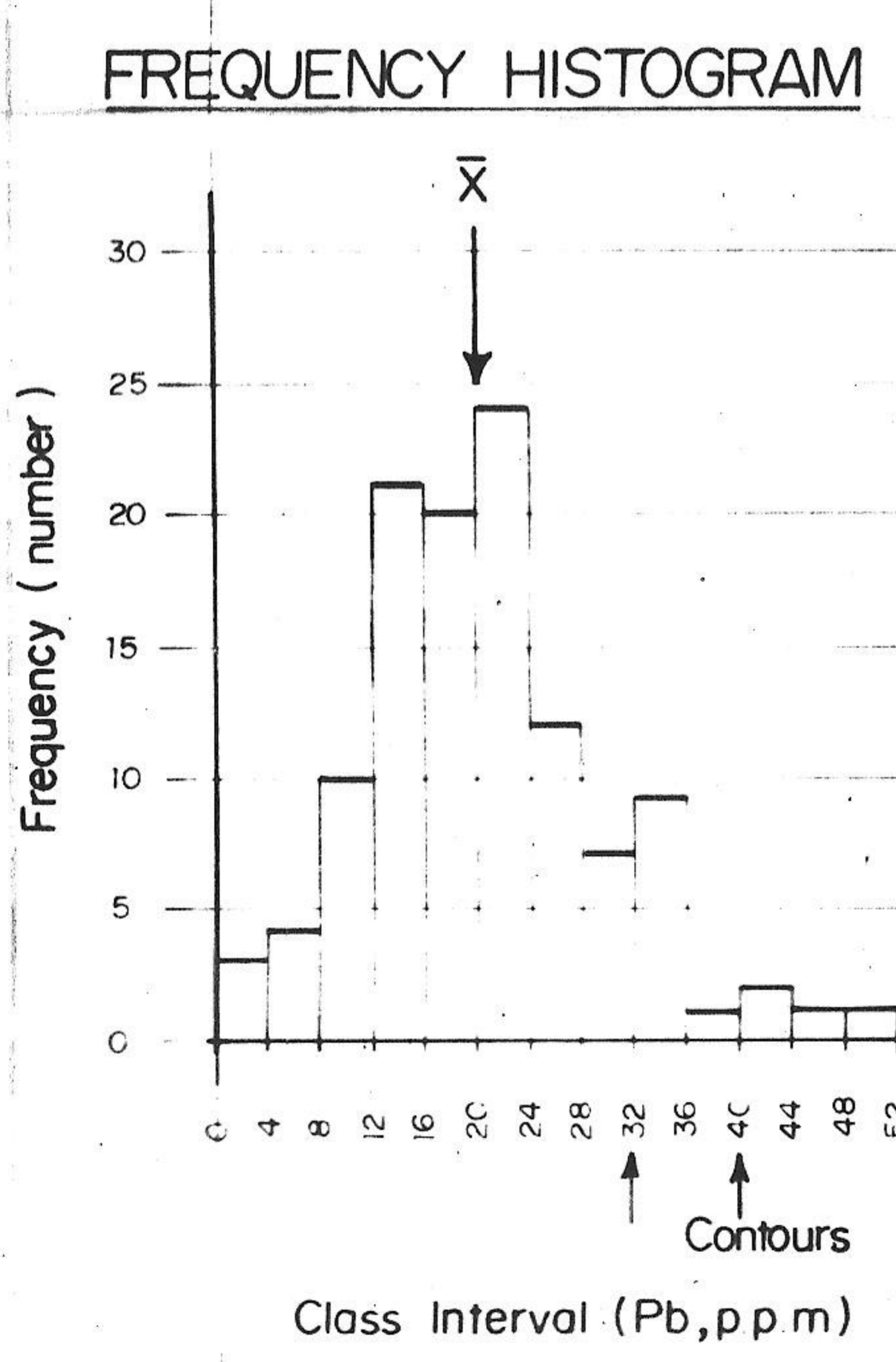




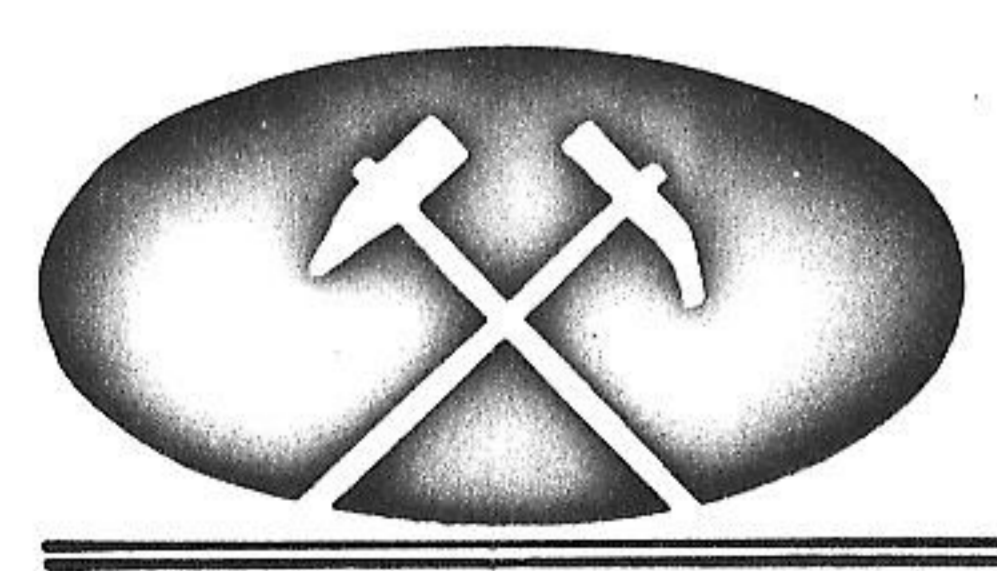
L.C.P. PESO B
18 Units 490 (9)

PESO 9 Units
487 (9)

L.C.P. PESO E
491 (9) 6 Units



Pb
115 Samples
 $\bar{X} = 20$
 $S = 9$



AQUARIUS RESOURCES LTD.

Likely Group Spanish Mountain Cariboo Mining Division
Peso Claims Near Likely, B.C. N.T.S. 93A / 11 & 12

1:5,000

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GEOCHEMICAL CONTOURS (Pb/p.p.m.)

FIG. 6



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