

180-#607-# 8368

GEOCHEMICAL, GEOPHYSICAL REPORT

ON THE

BARBIE CLAIM [20 UNITS]

Lat. $53^{\circ}31'N$

Long. $132^{\circ}13'W$

NTS 103F/9E

SKEENA M. D.

QUEEN CHARLOTTE ISLANDS, B. C.

for

KENNEDY RESOURCES INC.
Vancouver, B. C.

by

A.F. ROBERTS, P.ENG.

August 17, 1980

MINERAL RESOURCES BRANCH

PART

8368

A. F. ROBERTS, P.ENG.
CONSULTING MINING ENGINEER

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MAPS

Ref. No.

- 1] Location Map: B.C. Road Map
1 cm = 8.8 km.....[Frontispiece]
- 2] Road Map: MacMillan-Bloedel
7/16" = 1 mile.....[Follows page 1]
- 3] Topographic Map: NTS 103F/9E
1:50,000.....[Follows page 2]
- 4] Claim Map: B.C. Department of Mines
& Petroleum Resources, 1:50,000.....[Follows page 3]
- 5] Geology Map: B.C. Department of Mines
& Petroleum Resources, Bulletin 54,
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- 13] Geochemistry Map: Arsenic-Mercury,
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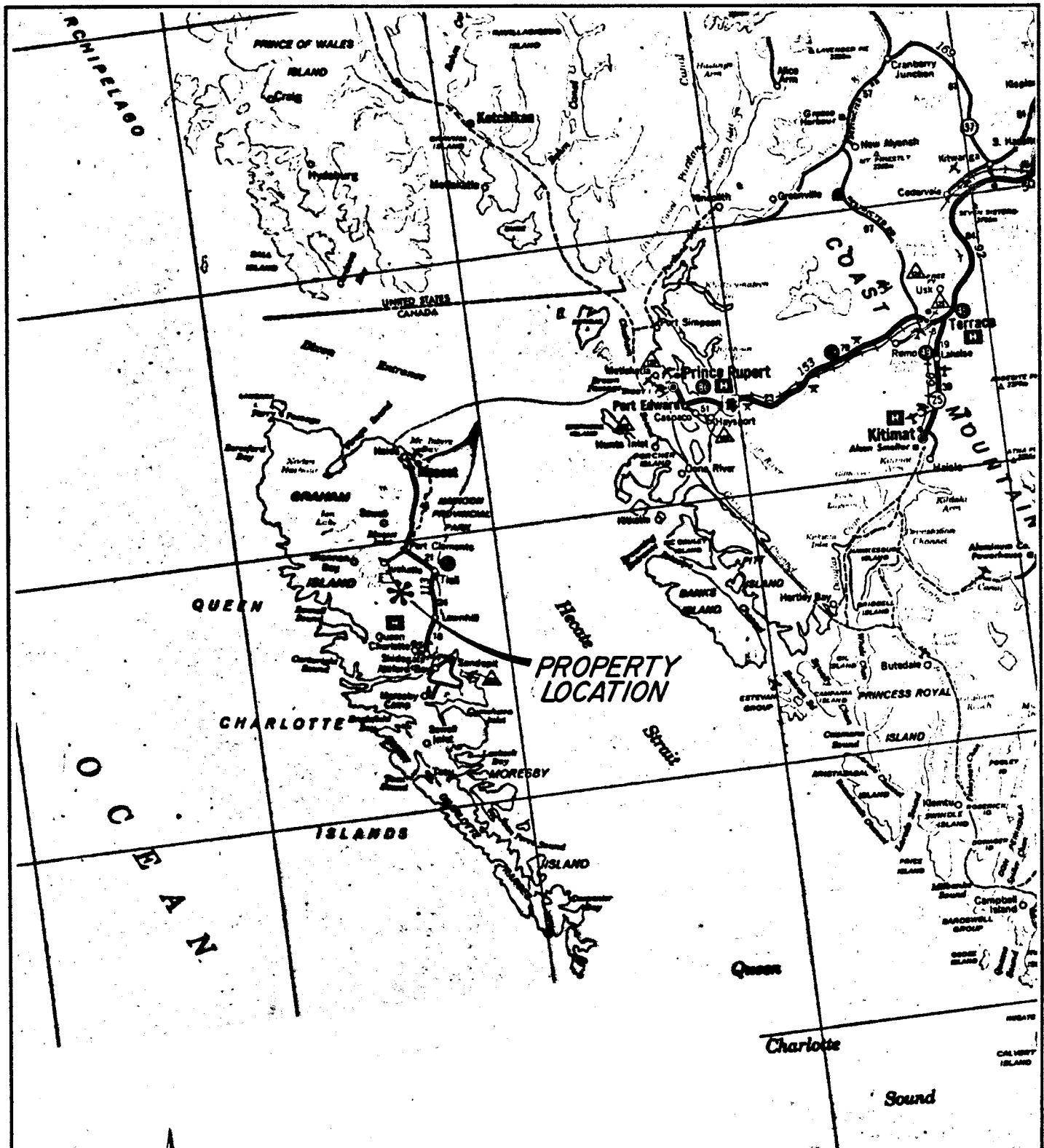
APPENDICES

Ref. No.

- 9] Appendix A, Assay Certificates and Assay Procedures.....[End of Report]
- 10] Appendix B, Computer Print Out, Frequency and Probability Curves.....[End of Report]
- 15] Appendix C, Operating Instructions for Sabre Model 27, VLF-EM Unit with Fraser Filter calculation methods.....[End of Report]

REFERENCES

- 6] B.C. Department of Mines & Petroleum Resources, Bulletin 54, Geology of the Queen Charlotte Islands, B.C., A. Sutherland Brown, 1968
- 7] B.C. Department of Mines & Petroleum Resources, Babe Gold Prospect, Queen Charlotte Islands, B.C., A. Sutherland Brown, T.G. Schroeter
- 8] Reports 1977 - to date, for Consolidated Cinola Mines Ltd., and other companies, by A.F. Roberts, P.Eng.
- 11] GSC Bulletin 280, Geochemistry of Gold and its Deposits, R.W. Boyle, 1979
- 12] Economic Geology: Vol. 64, 1969, A. Simplified Statistical Treatment of Geochemical Data by Graphical Representation by Claude Le Peltier



KENNEDY RESOURCES LTD.
 VANCOUVER, B.C.

BARBIE CLAIM
 QUEEN CHARLOTTE ISLANDS, B.C.
 SKEENA M.D.
 NTS 103 F / 9E

LOCATION MAP
 SCALE IN KILOMETRES
 0 24 48 72 96

TO ACCOMPANY REPORT BY A.F. ROBERTS, P.Eng Aug 17, 1980

S U M M A R Y

The recently completed Geochemical-Geophysical Survey of the Company's claims has revealed a number of geochemical anomalies of gold-silver-arsenic, the strongest of which is near the south centre of the property.

Most mercury anomalies are in the western part of the property.

A large conductive zone is partially contiguous with the geochemical anomalies, which are probably offset in the south draining system.

A first stage diamond drilling program is recommended to test the strongest sections of these conductors, with the geochemical anomalies.

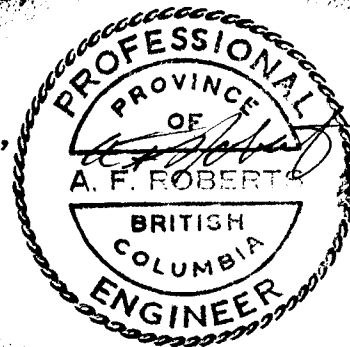
This program of ten, -45⁰ metre holes is estimated to cost \$300,000.00, including further geochemical-geophysical survey to fill-in the untested gaps.

With success in the first stage, a further program of fill-in drilling will be required, which can be expected to cost in excess of \$500,000.00.

Respectfully submitted,

A. F. Roberts

A.F. Roberts, P. Eng.,
August 17, 1980



GEOCHEMICAL, GEOPHYSICAL REPORT

ON THE

BARBIE CLAIM [20 UNITS]

Lat. 53°31'N

Long. 132°13'W

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SKEENA M. D.

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KENNEDY RESOURCES INC.

Vancouver, B. C.

by

A.F. ROBERTS, P.ENG.

August 17, 1980

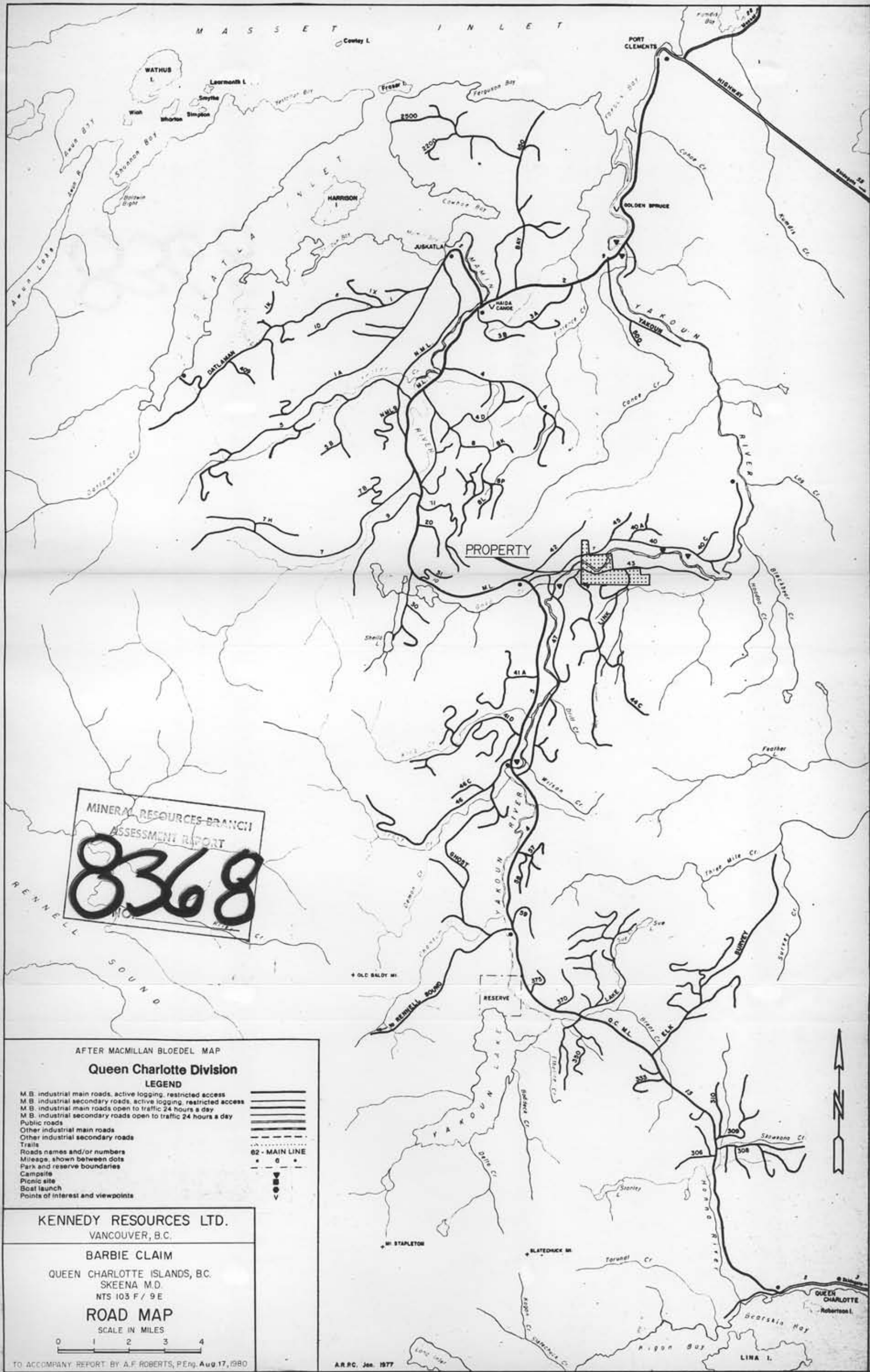
INTRODUCTION

This report is authorized by the Directors of the Company.

Its purpose is to evaluate the results of the combined geochemical-geophysical program carried out over the Company's property in the period June 25 to July 21, 1980 by Strato Geological Ltd., of Vancouver, B.C.

This report is based entirely on the results reported by them, and references to date collected by the writer over other nearby properties.

The work of others is acknowledged in the text.

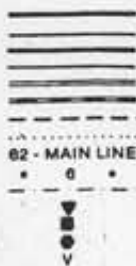


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8368

AFTER MACMILLAN BLOEDEL MAP

**Queen Charlotte Division
LEGEND**

- M.B. industrial main roads, active logging, restricted access
- M.B. industrial secondary roads, active logging, restricted access
- M.B. industrial main roads open to traffic 24 hours a day
- M.B. industrial secondary roads open to traffic 24 hours a day
- Public roads
- Other industrial main roads
- Other industrial secondary roads
- Trails
- Roads names and/or numbers
- Mileage, shown between dots
- Park and reserve boundaries
- Campsite
- Picnic site
- Boat launch
- Points of interest and viewpoints

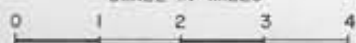


KENNEDY RESOURCES LTD.
VANCOUVER, B.C.

BARBIE CLAIM

QUEEN CHARLOTTE ISLANDS, B.C.
SKEENA M.D.
NTS 103 F / 9 E

ROAD MAP
SCALE IN MILES



LOCATION, ACCESS, TOPOGRAPHY 1] 2] 3]

The property is fairly well centered in the middle of Graham Island, 40 km north of Queen Charlotte City and 24 km south of Juskatla, via MacMillan-Bloedel logging roads.

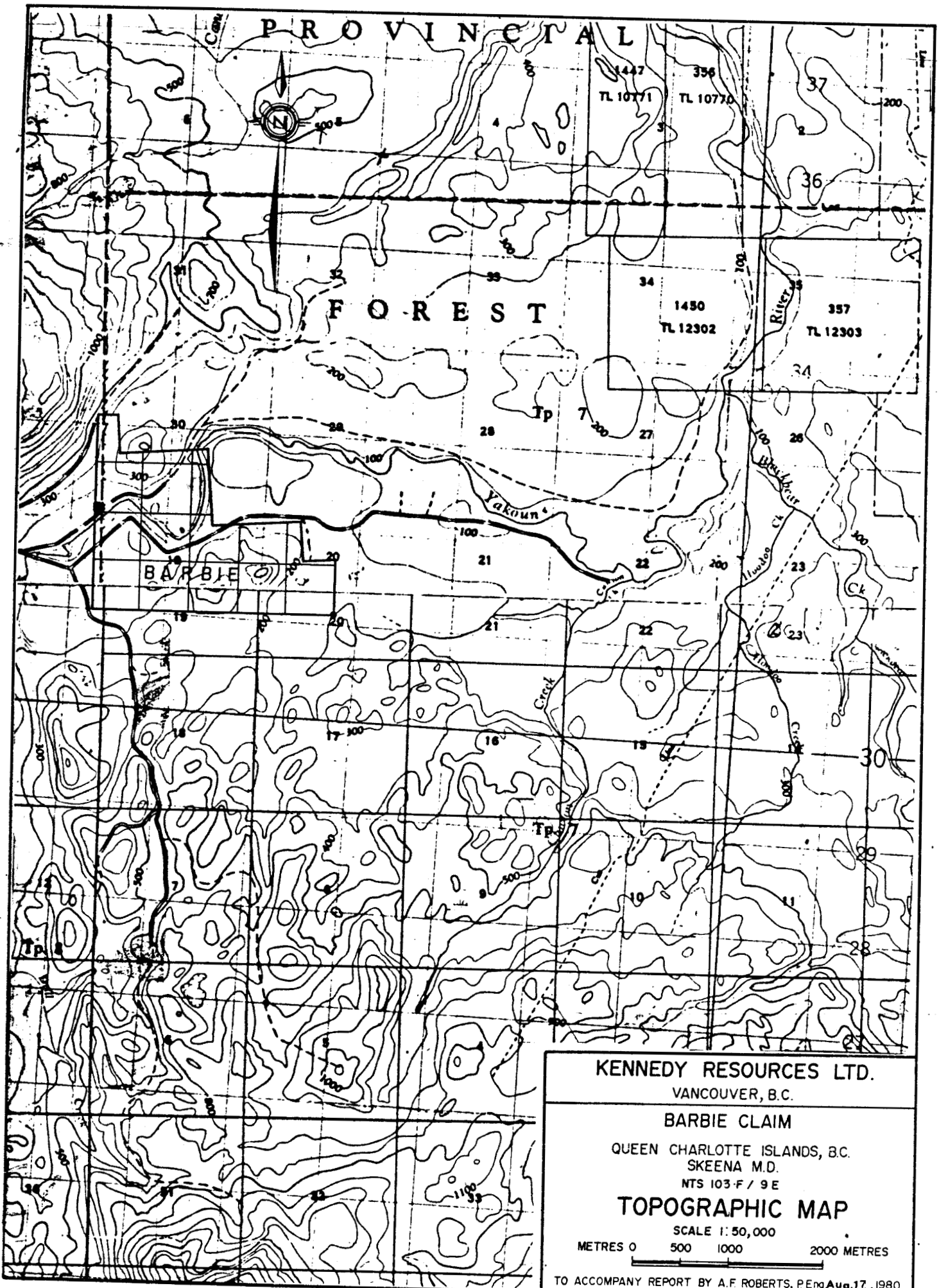
The Yakoun River splits the property, which is serviced by Br 45 on the north side of the Yakoun River, and Br 43 on the south side, as well as several unmapped service roads.

The north part of the property lies in low, logged over land, and is rather swampy, rising to the north.

The south part rises fairly rapidly to a maximum of 60 metres. It is mostly logged off.

The Consolidated Cinola property is about 1.5 km due north of the Barbie claim.

-
- 1] Location Map: B.C. Road Map,
1 cm = 8.8 km [Frontispiece]
- 2] Road Map: MacMillan-Bloedel,
7/16" = 1 mile [Follows page 1]
- 3] Topographic Map: NTS 103F/9E
1:50,000 [Follows page 2]



PROVINCIAL

FOREST

BARBIE

1447
TL 10771

356
TL 10770

1450
TL 12302

357
TL 12303

KENNEDY RESOURCES LTD.

VANCOUVER, B.C.

BARBIE CLAIM

QUEEN CHARLOTTE ISLANDS, B.C.

SKEENA M.D.

NTS 103-F / 9E

TOPOGRAPHIC MAP

SCALE 1:50,000

METRES 0 500 1000 2000 METRES

TO ACCOMPANY REPORT BY A.F. ROBERTS, P.Eng. Aug. 17, 1980

CLAIM 4]

<u>Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Barbie	20	1771	September 28, 1980

The property does overlap that of Mutual Resources Ltd. to the north. At least 75% of the ground is held by staking.

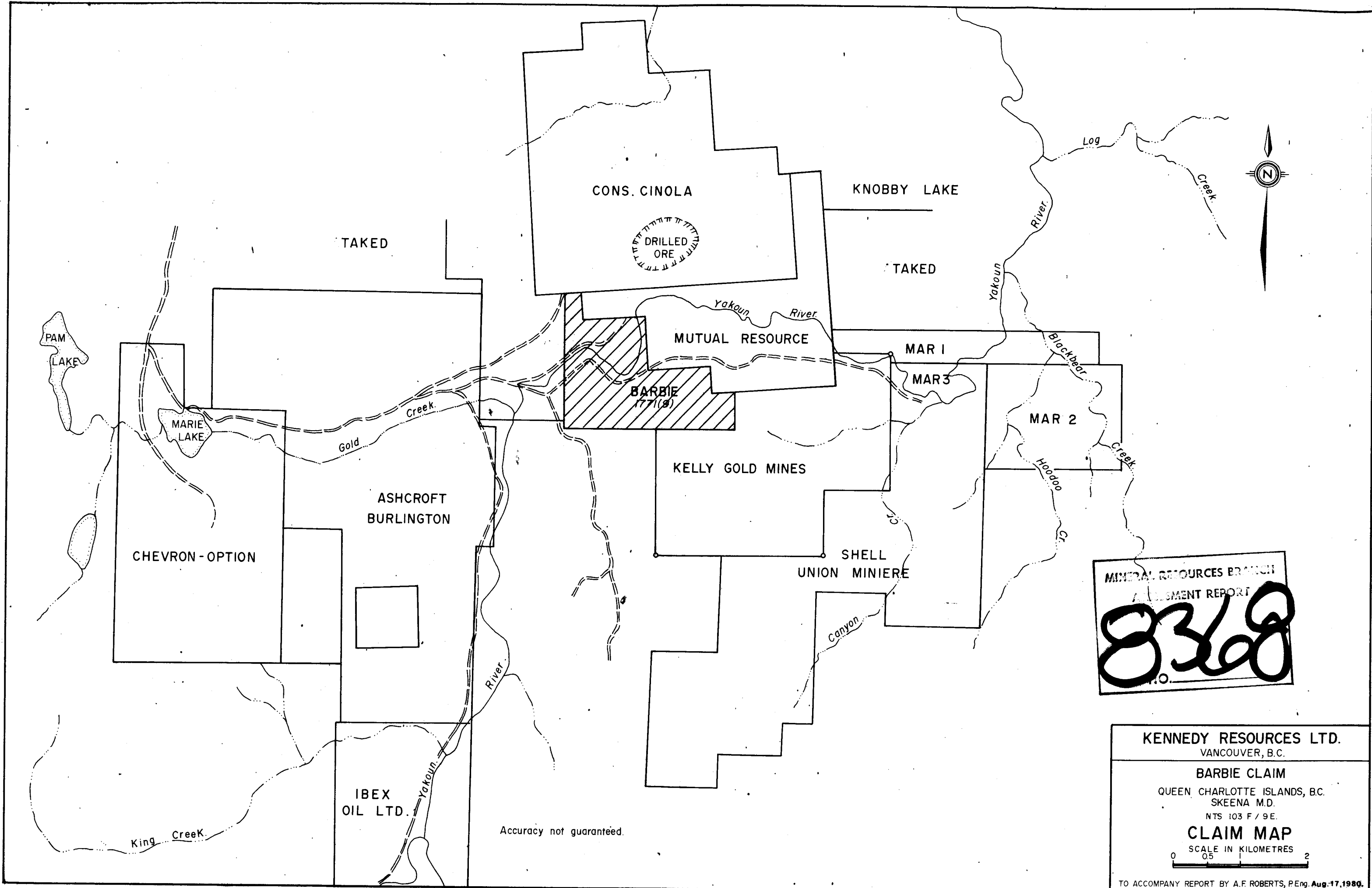
GEOLOGY, MINERALIZATION, STRUCTURE 5] 6] 7] 8]

The area has been mapped by Sutherland Brown as the Haida Formation [Cretaceous], consisting of green glauconitic, and grey sandstones, siltstone, with grey silty shales. These would overlie the Massett Formation [Paleocene] of rhyolite, and basalt flows with their ash flows, and breccias.

The writer noted in this area, argillites, rhyolite, rhyolite porphyry, tuff, all with minor fine grained tuff, and chalcedonic veining.

The rock is well fractured, predominantly at 270°

-
- 4] Claim Map: B.C. Department of Mines & Petroleum Resources, 103F/8E, 9E, 1:50,000 [Follows page 3]
- 5] Geology Map: B.C. Department of Mines & Petroleum Resources, Bulletin 54, 1:125,000 [Follows page 4]
- 6] B.C. Department of Mines & Petroleum Resources, Bulletin 54, Geology of the Queen Charlotte Islands, B.C., A. Sutherland Brown, 1968
- 7] B.C. Department of Mines & Petroleum Resources, Babe Gold Prospect, Queen Charlotte Islands, B.C., A. Sutherland Brown, T.G. Schroeter
- 8] Reports, 1977 to date, for Consolidated Cinola Mines Ltd., and other companies, by A.F. Roberts, P.Eng.



DRILLED ORE

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
 8368
 P.O.

Accuracy not guaranteed.

KENNEDY RESOURCES LTD.
 VANCOUVER, B.C.
 BARBIE CLAIM
 QUEEN CHARLOTTE ISLANDS, B.C.
 SKEENA M.D.
 NTS 103 F / 9E.
CLAIM MAP
 SCALE IN KILOMETRES
 0 0.5 2
 TO ACCOMPANY REPORT BY A.F. ROBERTS, P.Eng. Aug. 17, 1980.

azimuth, dips 90° to 70° northerly. Other fractures observed were 212° - 226° , 20° with dips 6° to 75° southerly, and 143° , dip 90° .

Grab samples along a road cut - over 180 metres - assayed from 0.01 to 0.008 oz gold/ton.

It is thought that the Sandspit fault is associated with the mineralization on the Consolidated Cinola property. It is possible that this fault or one of its strands may cut the Barbie claim, and be responsible for the intense fracturing observed.

The geology map shows a strong fault to the west of the property.

GEOCHEMISTRY 9] 10] 11] 12] 13] 14]

The geochemistry program was carried out on north-south lines, 100 metres apart with 25 metre sample interval on the lines.

Samples were taken from the "B" horizon, with

-
- | | | |
|-----|--|-----------------|
| 9] | Appendix A - Assay Certificates,
Assay Procedures | [End of Report] |
| 10] | Appendix B - Computer Print out, Frequency and Probability
Curves, As, Ag, Hg | [End of Report] |
| 11] | GSC Bulletin 280, Geochemistry of Gold and its Deposits, R.W. Boyle, 1979 | |
| 12] | Economic Geology, Vol. 64, 1969, A Simplified Statistical Treatment of Geochemical Data, by Graphical Representation, by Claude Le Peltier | |
| 13] | Geochemistry Map: Arsenic-Mercury,
Plates C-1, C-2 | [Back Pocket] |
| 14] | Geochemistry Map: Silver-Gold,
Plates D-1, D-2 | [Back Pocket] |



LEGEND

QUATERNARY

- Q Recent alluvium, Pleistocene till
- Q-S Quaternary overlying Skeena Formation

TERTIARY

- PALEOCENE - EOCENE**
- TM MASSET FORMATION: subaerial basalt flows and breccias
- Tmb Rhyolite member

CRETACEOUS

- ALBIAN - TURONIAN**
- KHa HAIDA FORMATION: green glauconitic and grey sandstone

JURASSIC

- BAJOCIAN - CALLOVIAN**
- JY YAKOUN FORMATION: porphyritic andesite agglomerate and flows.

KENNEDY RESOURCES LTD.
VANCOUVER, B.C.

BARBIE CLAIM

QUEEN CHARLOTTE ISLANDS, B.C.
SKEENA M.D.
NTS 103 F / 9E

GEOLOGY MAP

SCALE 1:125,000



NOTE: GEOLOGY MAP FROM BULLETIN 54, B.C. DEPT. OF MINES & PETRO. RES. 1968

TO ACCOMPANY REPORT BY A.F. ROBERTS, P.Eng. Aug 17, 1980

shovels, placed in moisture resistant kraft paper bags, and sent to Acme Analytical Labs for assay of gold, silver, mercury and arsenic, by Atomic Adsorption methods.

The assay results were given to Positive Systems Ltd., Burnaby, B.C. to run a mathematical analysis, producing the data to construct frequency and probability curves.

From the above data the following threshold and anomalous values were obtained:

	<u>Threshold</u>	<u>Anomalous</u>
Gold	Background 5	+ 10 ppb
Arsenic	17	21 ppm
Silver	0.5	0.75 ppm
Mercury	300	400 ppb

Gold background values of 5 ppb are not mapped, providing a cleaner map, where the gold values are not obscured by massive repetition.

All anomalies have an easterly to northeasterly trend.

Gold is represented by a number of narrow anomalies, few of which go above twice background.

A linear gold anomaly lies north of E 1.5 to E 2.5, from 1+5 north to 5+00 north, low silver values occur with it with small arsenic and silver anomalies lying to the south and west.

Another gold anomaly occurs on lines BG and BH 2+50 north to 5+00 north. This is covered in part by a much larger arsenic anomaly.

The area BK to BO, 400 metres, and O+75 north to 3+00 north, contains three anomalous gold areas, with silver and arsenic anomalies.

This latter is the largest anomalous area.

A silver-arsenic anomaly occurs from line BP to BS 2+50 to 5+50 north. The arsenic being much more extensive, and continuing to the east and north.

It is very noticeable that in this area there is little mercury, with only one strong anomaly on the north ends of BG, BH and BI.

Continuing west - Line N 0.5 to W 4.5, there are a number of gold anomalous areas, some of which are associated with silver or mercury anomalies. There is a conspicuous lack of arsenic, and a great increase in mercury.

Line W 6.5 has a linear anomaly, 3+50N to 6+50 north lying between a number of mercury anomalies but overlapping one on the north end.

On the west boundary four scattered gold values are associated with arsenic and/or mercury anomalies.

There are also a number of isolated gold values scattered through the map area, that lie close to small scattered mercury anomalies.

The value of each mineral in defining an anomaly is an open subject.

It is known that in this area mercury makes a good halo.

Silver occurs with the gold, but is more mobile, forming larger anomalies.

Arsenic also occurs with the gold, but is less mobile than silver, or mercury, and is believed to remain close to its source, and to be the most reliable indicator.

The mobility of gold in the acid conditions prevalent in the area is not known, but believed to be low.

Bulletin 280, suggests that low values in gold and arsenic occurring together should be given strong consideration.

In any case, it should be remembered that there will be at least some downhill migration of the metal ions, the amount depending on the slope, and the seepage.

The first geochemical target to be considered is that between Lines B0 and B1 from 0+75N to 500N, where gold, silver-arsenic occur in anomalous amounts.

The silver-arsenic anomalies, and other gold anomalies must not be forgotten, and will require at least one test hole each.

VLF-EM SURVEY 15] 16] 17] 18]

This survey was conducted with a Sabre Model 27 VLF-EM instrument made by Sabre Electronics Ltd. Its Serial No. was 104.

This instrument measures the dip angle, in degrees, and the total field strength in %, with a 50% level set at a permanent station each day.

The Seattle Submarine Radio transmitter was the chosen power source.

The dip angle was translated into plus and minus values, using Fraser's filter method of calculation.

The total field, dip angle, and Fraser filter, values were plotted in cross sections for each line, and the axes of noted conductors drawn in.

A plan was drawn for each of Fraser filter calculations and the total field, and contoured.

The conductor axes were then transferred from the cross sections to the plans, and connected across plan as required, to show continuity between sections.

-
- 15] Appendix C: Operating Instructions, and Fraser Filter Calculations for Sabre Model 27 [End of Report]
- 16] VLF-EM Survey: Cross Sections
Plates E-1 - 3 [Back Pocket]
- 17] VLF-EM Survey: Fraser Filter Plan
with DDH locations
Plates B-1 - 2 [Back Pocket]
- 18] VLF-EM Survey: Total Field Plan
Plates A-1 - 2 [Back Pocket]

The Fraser filter plan shows a strong E-W trend similar to the geochemistry.

The total field plan shows a similar trend, though not as plainly seen, as the stronger areas tend to be rather broad.

The anomalous values of arsenic and silver stay almost perfectly within the conductive zones, gold almost so, although it may be that contouring displaces the gold in some cases.

On the western side, where mercury predominates, it is definitely not within the positive zones. This is believed to be due to its high mobility, showing a southern drift.

CONCLUSIONS

Although gold anomalies are not particularly large, or strong, they are associated with silver and arsenic anomalies almost entirely.

The positive Fraser filter zones cover the anomalies reasonably well, with the axis slightly to the north of the geochemical anomalies. Both the better geochemical values and the strongest Fraser filter zones, coincide rather well with the more highly conductive zones of the total field map.

The geochemical-geophysical program on the Barbie claim has indicated areas of probable gold-silver mineralization worthy of further work.

Further anomalies are indicated in the wide spaced lines in the west section and in the partial lines to the north.

RECOMMENDATIONS

A number of drill holes will be required to test the geochemical-geophysical anomalies as detailed below.

In addition, the gaps in the previous survey should be filled in.

All holes Azimuth 0°
 Dip -45°
 Length 150 m
 Total field as % above 50% background

- DDH-1 - Line BS - Collar 3+8N
 Strong conductor - 200 metres wide
 Strong As anomaly
 Silver anomaly to south
 Total field +30%
- DDH-2 - Line BR - Collar 2+65N
 Strong conductor - 300 metres wide
 Total field +22%
 Strong arsenic anomaly
 Silver anomalies to N & S, local 3-4 times background
- DDH-3 - Line BQ - Collar 2+25N
 Strong conductor - 200 metres wide
 Total field +20%
 Strong arsenic anomaly
 Local silver 3-4 times background
 Silver anomaly to south
- DDH-4 - Line BP - Collar 2+20N
 Strong conductor - 225 metres wide
 Total field 16-20%
 Good arsenic anomaly
 Silver anomaly to south

- DDH-5 - Line BN - Collar 1+20N
 Fair conductor - 250 metres wide
 Fair arsenic, gold-silver anomaly
 Total field +10%
- DDH-6 - Line BK - Collar 2+5N
 Good conductor - 175 metres wide
 Total field +12%
 Good arsenic-silver anomalies
- DDH-7 - Line BD - Collar 2+45N
 Strong conductor - 125 metres wide
 Mercury anomalies, Arsenic subanomalous
 Silver 3-4 times background
 Total field +7%
- DDH-8 - Line O.5E - Collar 2+20N
 Strong conductor - 150 metres wide
 Low silver, low arsenic
 Total field +16%
 Silver-gold anomalies to southeast
- DDH-9 - Line W 8.5 - Collar 0+15N
 Strong conductor - 200 metres wide
 Mercury anomaly, silver 2-4 times background
 Near two - one spot anomalous gold
 Total field +20 - 30%
- DDH-10 - Line W 3.5 - Collar 1+15N
 Strong conductor - 125 metres wide
 Anomalous mercury
 Gold, silver anomalies to SE
 Total field +12%

All holes subject to change of exact locations, length,
 etc., by field supervisor.

Total Length - 1,500 metres

ESTIMATED COSTS

Road building	\$ 5,000.00
Mobilization, demobilization	5,000.00

Diamond Drilling:

Direct cost	\$ 98.50/m
Assaying	17.50/m
Rentals, core boxes, splitter, core logging	4.00/m
Travel, camp, supervision, reports, overhead	<u>25.00/m</u>
Total	<u>\$145.00/m</u>

Say \$150.00/m

Total diamond drill costs

1,500 metres @ \$150/m 225,000.00

Sub-total \$235,000.00

Completion of geochemical-geophysical
survey in open areas25,000.00

Sub-total 260,000.00

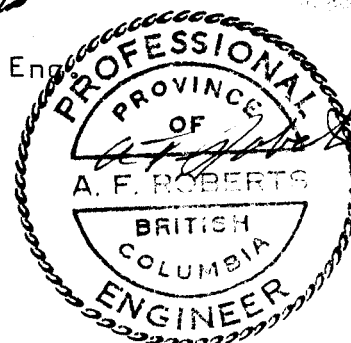
15% contingencies 39,000.00Total \$299,000.00Say \$300,000.00

If success is had in the above program, then further additional drilling will be required, that will cost a minimum of \$500,000.00.

Respectfully submitted,



A. F. Roberts, P. Eng.
August 17, 1980



CERTIFICATE

I, A.F. Roberts of 812 Fairbrook Crescent, Richmond, B.C., do hereby certify that:

- 1] I am a graduate of the University of British Columbia [B.Ap.Sc.] in Mining Engineering, 1951.
- 2] I am registered as a Professional Engineer of the Province of British Columbia, and am a member of The Canadian Institute of Mining and Metallurgy.
- 3] I have practiced my profession since 1951 with Quatsino Copper Gold Mines Ltd., Giant Mascot Mines Ltd., Cochenour Willans Gold Mines Ltd., Mogul Mines Ltd., Kerr Addison Gold Mines Ltd., Atlantic Coast Copper Corporation Ltd., Wasamac Mines Ltd., Brenda Mines Ltd., and T.C. Explorations Ltd. Since January of 1970 I have been an independent Consultant.

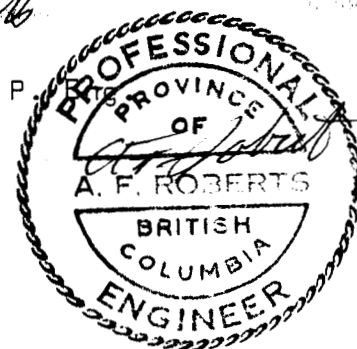
Previous to, and during University, I worked as a miner underground, and on several exploration-development projects.

- 4] The accompanying report is based entirely on my personal analysis of the reports and other data referred to in the text, and on a visit to the property in July 1977, and adjacent properties in 1980.
- 5] I have no interest, direct or indirect, in the Barbie Claim property, or adjacent properties, nor have I any interest, direct or indirect, in any companies controlled by Kennedy Resources Inc. I have not, nor do I expect to receive any interest in the shares of the Company, in its securities, or in those of any company with which it may become associated.
- 6] I consent to the use of this report, in or in connection with a prospectus, or a statement of material facts relating to the raising of funds for this project.

DATED at Vancouver, British Columbia, this seventeenth day of August, 1980.

A.F. Roberts

A.F. Roberts, P.



STATEMENT OF COSTSKENNEDY RESOURCES INC.JUNE 25-JULY 21, 1980LINE CUTTING, SOIL SAMPLING, VLF-EM SURVEY

Supervisor, EM Operator - Geoff Smith

Crew: Terry Higginson
 Cameron J. McKinnon
 Brian Parker
 Wayne Davidson

Labour	8,775.00	
Expenses:		
Field Supplies	216.80	
VLF-EM Rent [Sabre Model 27]	270.00	
Transportation	1,613.45	
Phone	<u>10.41</u>	
Sub-total	10,885.66	
Assaying	2,213.87	
Acme Analytical Labs	3,355.02	
Drafting supplies	<u>240.20</u>	
Sub-total	16,694.75	
Engineer's Report	<u>4,528.15</u>	
Total		<u><u>\$21,222.90</u></u>

Costs supplied by Contractor, Strato Geological Ltd., Vancouver, B.C.

This is a true Statement of Costs.

A.F. ROBERTS, P. ENG.,
 September 30, 1980

APPENDIX "A"

ASSAY CERTIFICATES

ASSAY PROCEDURES



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

To: Kennedy Resources Inc.
c/o Strato Geological Mineral Exploration
Contractors,
800 - 543 Granville St.,
Vancouver, B.C.

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

phone:253 - 3158

File No. 80-662

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

1

Table with columns: SAMPLE No., Au, Ag, Hg, As, and a column for sample numbers 1-40. Rows include BA 0+0, BB 0+0, and BC 0+0 series.

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 23, 1980

DATE REPORTS MAILED Aug. 4, 1980

ASSAYER

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



To: Kennedy Resources Inc.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-662

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Au	Ag	Hg	As									
BC 1+0	.005	.2	.220	18									1
1+25	.005	.3	.170	2									2
1+50	.005	.1	.135	14									3
1+75	.005	.2	.035	1									4
2+0	.005	.1	.050	15									5
2+25	.005	.2	.080	6									6
2+50	.005	.2	.105	14									7
2+75	.005	.5	.190	3									8
3+25	.005	.1	.135	3									9
3+50	.005	.1	.110	17									10
4+0	.005	.1	.070	4									11
4+25	.005	.1	.035	14									12
4+50	.005	.1	.030	11									13
4+75	.005	.1	.045	4									14
BC 5+0	.010	.4	.330	13									15
													16
BD 0+0	.005	.1	.030	2									17
0+25	.005	.2	.230	26									18
0+50	.005	.3	.145	17									19
0+75	.005	.3	.140	24									20
1+0	.005	.1	.215	20									21
1+25	.005	.1	.110	18									22
1+50	.005	.1	.070	8									23
1+75	.005	.1	.080	8									24
2+25	.005	.1	.080	15									25
2+50	.005	.2	.115	2									26
2+75	.005	.2	.110	15									27
3+50	.005	.1	.020	5									28
3+75	.005	.4	.130	5									29
4+0	.005	.3	.085	4									30
4+25	.005	.3	.230	16									31
4+50	.005	.1	.055	11									32
BD 5+0	.005	.2	.185	9									33
													34
BE 0+0	.005	.1	.170	16									35
0+25	.005	.5	.235	21									36
0+50	.005	.3	.135	13									37
BE 0+75	.005	.4	.305	21									38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 23, 1980

DATE REPORTS MAILED Aug. 4, 1980

ASSAYER

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



To: Kennedy Resources Inc.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-662

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

3

SAMPLE No.	Au	Ag	Hg	As																
BE 1+0	.005	.2	.235	20																1
1+25	.005	.1	.130	8																2
1+50	.005	.1	.045	3																3
2+0	.005	.2	.120	5																4
2+50	.005	.1	.105	11																5
2+75	.005	.1	.080	9																6
3+0	.005	.1	.110	10																7
3+25	.005	.3	.065	10																8
3+50	.005	.1	.195	23																9
3+75	.005	.2	.125	7																10
4+0	.005	.1	.065	11																11
4+25	.005	.2	.090	4																12
4+50	.010	.3	.185	15																13
4+75	.005	.3	.245	12																14
BE 5+0	.005	.2	.250	13																15
																				16
BF 0+0	.005	.1	.115	13																17
0+25	.005	.4	.285	14																18
0+50	.005	.3	.215	25																19
0+75	.005	.3	.125	21																20
1+0	.005	.1	.065	2																21
1+25	.005	.1	.100	14																22
2+0	.005	.1	.075	22																23
2+25	.005	.1	.055	9																24
2+50	.005	.4	.080	9																25
2+75	.005	.3	.085	14																26
3+0	.005	.4	.230	19																27
3+25	.005	.3	.135	15																28
3+50	.005	.3	.045	8																29
4+0	.005	.2	.095	7																30
4+25	.005	.2	.220	15																31
4+50	.005	.2	.155	11																32
4+75	.005	.4	.295	15																33
BF 5+0	.005	.4	.180	12																34
																				35
BG 0+0	.005	.2	.125	10																36
0+25	.005	.3	.380	16																37
BG 0+50	.005	.4	.285	13																38
																				39
																				40

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Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

4

SAMPLE No.	Au	Ag	Hg	As							
BG 0+75	.005	.1	.475	28							1
1+0	.005	.1	.200	15							2
1+25	.005	.1	.290	14							3
2+0	.005	.1	.210	4							4
2+25	.005	.1	.065	14							5
2+50	.005	.1	.125	17							6
2+75	.005	.1	.140	20							7
3+0	.005	.1	.110	17							8
3+25	.005	.1	.085	9							9
3+50	.010	.1	.040	5							10
3+75	.005	.1	.060	14							11
4+0	.010	.1	.185	17							12
4+25	.005	.1	.215	17							13
4+50	.010	.1	.220	18							14
4+75	.005	.1	.205	17							15
BG 5+0	.005	.1	.440	12							16
											17
BH 0+0	.005	.1	.235	19							18
0+25	.005	.1	.270	14							19
0+50	.005	.1	.415	14							20
0+75	.010	.2	.080	2							21
1+0	.005	.1	.145	10							22
1+25	.005	.1	.110	17							23
1+50	.005	.1	.175	1							24
2+0	.010	.1	.255	1							25
2+25	.010	.2	.145	1							26
2+75	.005	.1	.140	20							27
3+0	.005	.1	.160	20							28
3+25	.005	.1	.350	20							29
3+50	.005	.1	.100	14							30
3+75	.005	.1	.315	13							31
4+0	.005	.1	.215	15							32
4+25	.005	.2	.065	12							33
4+75	.005	.3	.470	14							34
BH 5+0	.005	.3	.735	27							35
											36
BI 0+0	.005	.1	.125	9							37
BI 0+25	.005	.1	.205	17							38
											39
											40

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SAMPLE No.	Au	Ag	Hg	As								
BI 0+50	.005	.1	.105	4								1
0+75	.005	.1	.070	6								2
1+25	.005	.1	.045	2								3
1+50	.005	.1	.090	6								4
1+75	.005	.1	.070	4								5
2+0	.005	.1	.090	11								6
2+25	.005	.3	.180	13								7
2+50	.005	.2	.135	15								8
2+75	.005	.6	.235	10								9
3+0	.005	.5	.225	5								10
3+25	.005	.3	.115	6								11
3+50	.005	.4	.180	11								12
3+75	.005	.5	.350	3								13
4+0	.005	.3	.150	3								14
4+25	.005	.7	.690	1								15
4+50	.005	.1	.280	1								16
4+75	.005	.1	.245	3								17
BI 5+0	.005	.2	.200	5								18
												19
BJ 0+0	.005	.2	.095	6								20
0+25	.005	.2	.115	2								21
0+50	.005	.1	.025	3								22
0+75	.005	.2	.130	1								23
1+0	.005	.1	.085	4								24
1+25	.005	.1	.065	1								25
1+50	.005	.4	.140	1								26
1+75	.005	.4	.150	7								27
2+0	.005	3.1	.235	2								28
2+25	.005	.6	.135	18								29
2+50	.005	.4	.195	13								30
2+75	.005	.2	.150	18								31
3+0	.005	.4	.150	6								32
3+25	.005	.4	.215	6								33
4+0	.005	.3	.230	2								34
4+25	.005	.2	.175	11								35
4+50	.005	.2	.170	8								36
4+75	.005	.3	.200	2								37
BJ 5+0	.005	.1	.135	2								38
												39
												40

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SAMPLE No.	Au	Ag	Hg	As																
BK 0+0	.005	.1	.110	7																1
0+25	.005	.1	.125	20																2
0+50	.005	.1	.095	15																3
0+75	.005	.1	.140	15																4
1+0	.005	.2	.100	16																5
1+25	.005	.9	.160	9																6
1+50	.005	.6	.235	17																7
1+75	.005	.8	.310	14																8
2+0	.005	.4	.135	20																9
2+25	.005	.8	.210	19																10
2+50	.005	.7	.145	17																11
2+75	.005	.3	.075	14																12
3+0	.005	.8	.150	16																13
3+25	.005	.2	.025	3																14
3+50	.005	.3	.135	3																15
3+75	.005	.1	.160	9																16
4+0	.005	.1	.020	1																17
4+25	.005	.1	.095	7																18
4+50	.020	.1	.030	1																19
4+75	.010	.2	.150	7																20
BK 5+0	.005	.1	.135	1																21
																				22
BL 0+0	.005	.1	.050	1																23
0+25	.005	.1	.040	8																24
0+50	.005	.2	.125	12																25
0+75	.005	.2	.050	2																26
1+0	.005	.1	.055	9																27
1+25	.005	.3	.150	16																28
1+50	.005	.4	.195	19																29
1+75	.005	.8	.125	10																30
2+0	.005	.1	.175	19																31
2+25	.005	.3	.130	12																32
2+50	.010	.9	.130	13																33
2+75	.010	.4	.140	16																34
3+0	.005	.3	.050	1																35
3+25	.005	.1	.120	3																36
3+50	.005	.1	.015	1																37
BL 3+75	.005	.1	.070	6																38
																				39
																				40

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ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-662

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

7

SAMPLE No.	Au	Ag	Hg	As						
BL 4+0	.010	.1	.130	9						1
4+25	.005	.1	.125	2						2
4+50	.005	.2	.085	5						3
4+75	.005	.2	.175	7						4
BL 5+0	.005	.1	.195	1						5
										6
BM 0+0	.005	.1	.070	1						7
0+25	.010	.2	.135	18						8
0+50	.005	.3	.160	12						9
0+75	.020	.3	.135	6						10
1+0	.010	.4	.120	6						11
1+25	.005	.1	.115	5						12
1+50	.010	.4	.180	10						13
1+75	.005	.6	.135	11						14
2+0	.005	.5	.140	14						15
2+25	.005	.6	.130	10						16
2+50	.005	.4	.090	15						17
2+75	.005	.6	.160	6						18
3+0	.005	.3	.095	1						19
3+25	.010	.2	.100	1						20
3+50	.005	.1	.205	7						21
3+75	.010	.1	.060	1						22
4+0	.005	.1	.035	1						23
4+25	.005	.1	.125	4						24
4+50	.005	.2	.220	9						25
BM 5+0	.005	.3	.145	1						26
										27
BN 0+0	.005	.2	.130	15						28
0+25	.005	.2	.130	17						29
0+50	.005	.3	.140	17						30
0+75	.030	.4	.110	13						31
1+0	.010	.2	.125	16						32
1+25	.005	.4	.170	12						33
1+50	.010	.6	.275	8						34
1+75	.010	.7	.155	15						35
2+0	.010	.6	.160	15						36
2+25	.020	.8	.120	17						37
BN 2+50	.005	.8	.230	6						38
										39
										40

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GEOCHEMICAL ASSAY CERTIFICATE

8

SAMPLE No.	Au	Ag	Hg	As								
BN 3+0	.005	.1	.135	11								1
3+25	.005	.3	.180	12								2
3+50	.005	.1	.195	12								3
3+75	.005	.1	.340	11								4
4+0	.005	.1	.435	12								5
4+50	.005	.2	.285	17								6
4+75	.005	.1	.355	2								7
BN 5+0	.005	.2	.190	6								8
												9
BO 0+0	.005	.4	.085	8								10
0+25	.005	.1	.215	20								11
0+50	.005	.2	.150	18								12
0+75	.005	.3	.090	19								13
1+0	.010	.1	.065	16								14
1+25	.005	.4	.165	18								15
1+50	.010	.3	.160	26								16
1+75	.005	.3	.195	25								17
2+0	.005	.3	.200	20								18
2+25	.005	.4	.120	18								19
2+50	.005	.1	.110	18								20
2+75	.005	.2	.130	13								21
3+0	.005	.3	.215	20								22
3+25	.005	.2	.205	19								23
3+50	.005	.1	.095	5								24
4+50	.005	.2	.280	4								25
4+75	.005	.3	.235	6								26
BO 5+0	.005	.1	.205	17								27
												28
BP 0+0	.005	.1	.150	18								29
0+25	.005	.1	.140	18								30
0+75	.005	.3	.130	19								31
1+0	.005	.3	.095	17								32
1+25	.005	.1	.165	19								33
1+50	.005	.4	.150	22								34
1+72	.005	.3	.195	27								35
2+0	.005	.7	.095	18								36
2+25	.005	.4	.120	20								37
BP 2+50	.005	.2	.150	13								38
												39
												40

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Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

9

SAMPLE No.	Au	Ag	Hg	As							
BP 2+75	.005	.2	.190	14							1
3+0	.005	.1	.145	18							2
3+25	x .005	.1	.115	7							3
3+75	.005	.2	.205	11							4
4+0	.005	.1	.145	18							5
4+50	+ .005	.3	.230	7							6
4+75	.005	.2	.215	6							7
BP 5+0	.010	.1	.175	20							8
											9
BQ 0+0	.005	.8	.195	20							10
0+25	.005	.1	.220	17							11
0+50	.005	.2	.075	6							12
0+75	.005	.1	.090	12							13
1+0	.005	.1	.130	8							14
1+25	.005	.1	.240	15							15
1+50	.005	.5	.205	10							16
1+75	.005	.6	.110	18							17
2+0	.005	.3	.140	19							18
2+25	.005	.4	.095	21							19
2+50	.005	.3	.125	18							20
2+75	.005	.4	.225	21							21
3+0	.005	.3	.225	17							22
3+25	.005	.3	.210	13							23
3+50	Ⓟ .005	.1	.155	8							24
4+25	.005	.6	.305	12							25
4+50	x .005	.2	.215	10							26
BQ 5+0	.005	.1	.140	20							27
											28
BR 0+0	.005	.1	.090	16							29
0+25	.005	.1	.115	3							30
0+50	.005	.2	.055	4							31
0+75	.005	.1	.155	19							32
1+0	.005	.1	.090	6							33
1+25	.005	.3	.040	8							34
1+50	.005	.2	.205	21							35
1+75	.005	.6	.160	23							36
2+0	+ .005	.5	.150	22							37
BR 2+50	.005	.5	.175	16							38
											39
											40

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GEOCHEMICAL ASSAY CERTIFICATE

Disposition

10

SAMPLE No.	Au	Ag	Hg	As							
BR 2+75	.005	.3	.240	16							1
3+0	.005	.4	.180	12							2
3+25	.005	.2	.160	16							3
3+50	.005	.6	.200	10							4
3+75	.005	.1	.120	14							5
4+0	.005	.2	.145	12							6
4+25	.005	.3	.205	14							7
4+50	.005	.2	.125	5							8
4+75	.005	.1	.120	11							9
BR 5+0	.005	.1	.210	3							10
											11
BS 0+0	.005	.1	.075	22							12
0+50	.005	.1	.110	11							13
0+75	.005	.2	.075	15							14
1+0	.005	.4	.150	13							15
1+75	.005	.6	.210	16							16
2+0	.005	.6	.200	19							17
2+25	.005	.3	.115	16							18
2+50	.005	.3	.155	31							19
2+75	.005	.1	.120	20							20
3+0	.005	.1	.100	9							21
3+25	.005	.3	.230	31							22
3+50	.005	.4	.175	27							23
3+75	.005	.3	.135	13							24
4+75	.005	.3	.205	11							25
BS 5+0	.005	.1	.145	9							26
											27
BT 0+0	.005	.2	.195	17							28
0+25	.005	.1	.060	16							29
0+50	.005	.2	.115	19							30
0+75	.005	.1	.120	11							31
1+0	.005	.1	.085	24							32
1+25	.005	.2	.185	2							33
1+50	.005	.1	.095	2							34
1+75	.005	.2	.055	2							35
2+0	.005	.1	.020	6							36
2+25	.005	.1	.060	16							37
BT 2+50	.005	.3	.105	20							38
											39
											40

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To: Kennedy Resources Inc.

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File No. _____

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

11

SAMPLE No.	Au	Ag	Hg	As							
BT 3+25	.005	.1	.080	18							1
3+50	.005	.2	.195	19							2
3+75	.005	.2	.125	15							3
4+0	.005	.3	.085	5							4
4+50	.005	.1	.030	5							5
BT 5+0	.005	.1	.065	6							6
											7
BU 0+0	.005	.4	.160	13							8
0+25	.005	.2	.125	16							9
0+50	.005	.3	.165	18							10
0+75	.005	.4	.170	14							11
1+25	.005	.1	.110	9							12
1+50	.005	.2	.040	5							13
1+75	.005	.3	.190	19							14
2+0	.005	.3	.235	16							15
2+25	.005	.2	.095	8							16
2+50	.005	.1	.070	9							17
3+0	.005	.1	.050	18							18
3+25	.005	.2	.165	7							19
3+50	.005	.2	.170	14							20
3+75	.005	.4	.185	17							21
4+0	.005	.8	.180	16							22
4+25	.005	.4	.230	15							23
BU 4+50	.005	.1	.130	14							24
											25
E.5 0+0	.050	.1	.160	9							26
0+25	.005	.2	.270	8							27
0+50	.005	.2	.190	8							28
1+0	.005	.8	.275	13							29
1+25	.005	.2	.120	2							30
1+75	.005	.2	.230	6							31
2+0	.005	.2	.035	1							32
2+25	.005	.7	.390	12							33
2+50	.005	.4	.195	5							34
2+75	.005	.4	.160	6							35
3+0	.005	.1	.170	9							36
3+25	.005	.5	.165	8							37
E.5 3+50	.005	.1	.150	16							38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 23, 1980

DATE REPORTS MAILED Aug. 4, 1980

ASSAYER

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



To: Kennedy Resources Inc.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-662

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au	Ag	Hg	As						
E.5 4+0	.005	.2	.065	16						1
4+25	.005	.3	.170	13						2
4+50	.005	.4	.185	9						3
4+75	.005	.2	.190	10						4
E.5 5+0	.005	.4	.155	5						5
										6
E1.5 0+0	.005	.1	.245	26						7
0+25	.005	.4	.210	6						8
0+50	.005	.1	.195	9						9
0+75	.005	.3	.335	5						10
1+75	.005	.4	.135	24						11
2+0	.005	.4	.295	21						12
2+25	.005	1.1	.280	8						13
2+50	.005	.4	.455	7						14
2+75	.005	.3	.250	18						15
3+0	.005	.2	.255	7						16
3+25	.005	.4	.195	5						17
3+50	.005	.2	.240	13						18
3+75	.010	.2	.275	12						19
4+0	.010	.3	.215	10						20
4+25	.010	.2	.180	8						21
4+50	.005	.2	.210	8						22
E1.5 4+75	.020	.1	.075	3						23
										24
E2.5 0+0	.005	.2	.135	5						25
0+25	.010	.3	.185	2						26
0+50	.005	.1	.230	9						27
0+75	.005	.1	.150	10						28
1+0	.005	.2	.210	27						29
1+25	.005	.3	.455	18						30
1+50	.020	.1	.250	6						31
1+75	.020	.1	.230	8						32
2+0	.005	.2	.250	5						33
2+25	.010	.2	.205	3						34
2+50	.010	.2	.140	3						35
3+25	.005	.2	.040	4						36
3+50	.005	.1	.105	6						37
4+25	.005	.2	.145	3						38
4+75	.005	.3	.195	3						39
E2.5 5+0	.005	.1	.070	6						40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 23, 1980

DATE REPORTS MAILED Aug. 4, 1980

ASSAYER

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



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253-3158

To: Strato Geological
Mineral Exploration Contractors
800 - 543 Granville St.,
Vancouver, B.C.
V6C 1X8

File No. 80713

*Wick
G.L.*

Type of Samples Soil

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

P.1

SAMPLE No.		Au	As	Hg															
W 8.5	2+75	.005	10	.200															1
	3+0	.005	6	.130															2
	3+25	.005	13	.195															3
	3+50	.005	11	.160															4
	3+75	.005	5	.115															5
	4+ 0	.005	7	.170															6
	4+25	.005	11	.215															7
	4+50	.005	10	.215															8
	4+75	.005	10	.285															9
	5+ 0	.005	10	.240															10
	5+25	.005	14	.170															11
	5+50	.005	10	.100															12
	5+75	.005	4	.205															13
	6+ 0	.005	4	.315 -															14
	6+50	.005	13	.365 -															15
	6+75	.005	13	.345 -															16
	7+ 0	.010	21	.165															17
	7+25	.005	18	.170															18
W 8.5	7+50	.005	12	.145															19
																			20
																			21
																			22
																			23
																			24
																			25
W11.5	0+ 0	.005	5	.125															26
	0+25	.005	12	.250															27
	0+50	.005	15	.245															28
	0+75	.005	13	.375 -															29
	1+ 0	.005	12	.510 ✓															30
	1+25	.010	10	.230															31
	1+50	.005	8	.180															32
	1+75	.005	9	.175															33
	3+50	.010	13	.360 -															34
	3+75	.005	11	.105															35
	4+ 0	.005	7	.125															36
	4+25	.005	9	.110															37
W11.5	4+50	.005	9	.145															38
																			39
																			40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July, 30, 1980

DATE REPORTS MAILED AUG. 14, 1980

ASSAYER

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



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

To: Strato Geological
Mineral Exploration Contractors

File No. 80713

Type of Samples Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

P.2

SAMPLE No.	Au	As	Hg							
W11.5 4+75	.005	15	.320	-						1
5+ 0	.005	21	.275							2
5+25	.005	10	.135							3
5+50	.005	3	.060							4
5+75	.005	3	.025							5
6+ 0	.005	4	.180							6
6+25	.005	3	.055							7
6+50	.005	10	.135							8
6+75	.005	2	.065							9
7+ 0	.005	11	.120							10
7+25	.010	15	.245							11
7+50	.005	16	.355	-						12
8+ 0	.005	3	.090							13
8+25	.010	13	.385	-						14
8+50	.005	9	.140							15
8+75	.005	10	.220							16
9+ 0	.005	14	.180							17
9+25	.005	11	.230							18
9+50	.010	11	.160							19
9+75	.010	21	.210							20
10+00	.005	17	.140							21
W11.5 10+25	.005	13	.110							22
										23
W15.5 0+ 0	.005	11	.085							24
0+25	.010	7	.125							25
0+75	.005	5	.125							26
1+ 0	.005	43	.235							27
1+25	.005	17	.355	-						28
1+50	.005	15	.310	-						29
1+75	.005	12	.205							30
2+ 0	.005	11	.300	-						31
2+25	.005	12	.185							32
2+50	.005	11	.235							33
2+75	.005	16	.215							34
3+ 0	.005	9	.225							35
3+25	.005	15	.310	-						36
3+50	.005	18	.150							37
W15.5 3+75	.005	4	.210							38
										39
										40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED JULY 30, 1980

DATE REPORTS MAILED AUG. 14, 1980

ASSAYER

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



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

To: Strato Geological
Mineral Exploration Contractors

File No. 80713

Type of Samples Soil

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

P.3

SAMPLE No.		Au	As	Hg							
W15.5	4+ 0	.005	20	.260							1
	4+25	.005	24	.185							2
	4+50	.005	26	.195							3
	4+75	.005	13	.200							4
	5+ 0	.005	17	.180							5
	5+25	.005	2	.145							6
	5+50	.005	12	.165							7
	5+75	.005	15	.235							8
	6+ 0	.005	15	.300							9
	6+25	.005	9	.245							10
W15.5	6+50	.005	15	.215							11
											12
W16.5	2+00	.005	1	.200							13
	2+25	.005	11	.135							14
	2+50	.005	14	.270							15
	2+75	.005	15	.305							16
	3+ 0	.005	14	.275							17
	3+25	.005	2	.190							18
	3+50	.005	24	.165							19
	3+75	.005	19	.365							20
	4+ 0	.005	15	.345							21
	4+25	.005	15	.250							22
	4+50	.005	16	.280							23
	4+75	.005	16	.220							24
	5+ 0	.005	17	.280							25
	5+25	.005	18	.230							26
	5+50	.005	18	.275							27
	6+ 0	.010	21	.265							28
	6+25	.005	11	.220							29
	6+50	.010	18	.350							30
	6+75	.005	14	.315							31
	7+ 0	.005	15	.195							32
	7+25	.010	19	.200							33
	7+50	.005	18	.165							34
	7+75	.005	9	.175							35
W16.5	8+ 0	.005	12	.135							36
											37
											38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED JULY 30, 1980

DATE REPORTS MAILED AUG 14, 1980

ASSAYER Dean Toye

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



To: Strato Geological
Mineral Exploration Contractors

File No. 80713

Type of Samples - Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

P.4

SAMPLE No.	Au	As	Hg							
W17.5 0+ 0	.005	2	.050							1
0+50	.005	14	.195							2
1+ 0	.005	19	.135							3
1+25	.005	15	.160							4
1+50	.005	3	.100							5
1+75	.005	12	.135							6
2+ 0	.101	9	.140							7
2+25	.005	11	.255							8
2+50	.005	18	.245							9
2+75	.005	5	.220							10
3+ 0	.005	18	.150							11
3+25	.005	8	.205							12
3+50	.005	23	.320							13
3+75	.005	23	.275							14
4+ 0	.005	22	.250							15
4+25	.005	23	.220							16
4+50	.005	20	.275							17
4+75	.005	15	.275							18
5+ 0	.005	17	.180							19
5+25	.005	19	.135							20
5+50	.005	15	.200							21
5+75	.005	15	.180							22
6+ 0	.005	14	.135							23
6+25	.005	19	.205							24
6+50	.005	8	.155							25
6+75	.005	9	.165							26
7+ 0	.005	15	.160							27
W17.5 7+25	.005	16	.100							28
BE 5+25	.005	7	.105							30
5+50	.005	12	.195							31
5+75	.005	8	.175							32
6+ 0	.005	10	.145							33
6+25	.005	10	.205							34
NS 6+50	.005	6	.125							35
7+ 0	.005	10	.080							36
7+50	.005	9	.095							37
BE 7+75	.005	1	.260							38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED JULY 30, 1980

DATE REPORTS MAILED AUG. 14, 1980

ASSAYER

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



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

To: Strato Geological
Mineral Exploration Contractors

File No. 80713

Type of Samples Soil

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

P.5

SAMPLE No.	Au	As	Hg						
BE 8+ 0	.005	5	.145						1
8+25	.005	8	.210						2
8+50	.005	14	.280						3
8+75	.005	14	.335	NS					4
BE 9+50	.005	12	.130						5
									6
BI 5+25 5+50 2/8/0	.005	34	1.200	NS					7
5+75	.005	10	.130						8
6+ 0	.005	4	.095						9
6+25	.005	12	.160						10
6+50	.005	14	.200						11
6+75	.005	12	.190						12
7+ 0	.005	9	.155						13
7+25	.005	10	.160						14
7+75	.005	6	.160						15
8+25	.005	7	.220						16
9+ 0	.005	6	.185						17
BI 9+50	.005	10	.155						18
									19
BM 5+25	.005	4	.450	✓					20
5+50	.005	5	.580	✓					21
5+75	.005	3	.090						22
6+ 0	.005	2	.435						23
6+25	.005	2	.390	✓					24
6+50	.005	2	.345	✓					25
6+75	.005	4	.290						26
7+ 0	.005	14	.300	✓					27
7+25	.005	9	.265						28
7+75	.005	10	.280						29
8+ 0	.005	1	.310	✓					30
8+25	.005	12	.405	✓					31
8+50	.005	1	.425	✓					32
9+ 0	.005	12	.285						33
BM 9+25	.005	12	.190						34
									35
BQ 5+25	.005	13	.155						36
5+50	.005	16	.150						37
BQ 5+75	.005	11	.340	✓					38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED JULY 30, 1980

DATE REPORTS MAILED AUG. 14, 1980

ASSAYER

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



To: Strato Geological
Mineral Wxploration Contractors

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80713

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

P.6

SAMPLE No.	Au	As	Hg							
BQ 6+ 0	.005	11	.130							1
6+25	.010	14	.100							2
6+50	.005	2	.195							3
6+75	.005	1	.130							4
7+ 0	.005	4	.185							5
7+25	.005	1	.355							6
7+50	.005	5	.075							7
7+75	.005	13	.120							8
8+ 0	.005	1	.315							9
8+25	.005	2	.175							10
8+75	.005	12	.115							11
9+ 0	.005	2	.170							12
BQ 9+25	.005	11	.125							13
BT 5+50	.005	26	.860	read BI						14
BU 5+25	.005	4	.250							15
5+50	.020	7	.275							16
5+75	.010	11	.140							17
6+ 0	.005	3	.100							18
6+25	.005	2	.095							19
6+50	.005	1	.130							20
6+75	.005	4	.130							21
7+ 0	.005	6	.335							22
7+25	.005	10	.155							23
7+50	.005	9	.355							24
7+75	.005	10	.285							25
8+25	.010	3	.195							26
8+50	.005	10	.430							27
8+75	.005	1	.110							28
9+ 0	.005	1	.105							29
9+25	.005	1	.210							30
BU 9+50	.005	13	.120							31
										32
										33
										34
										35
										36
										37
										38
										39
										40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED JULY 30, 1980

DATE REPORTS MAILED AUG. 14, 1980

ASSAYER

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



To: Strato - Geological Ltd.,
 Mineral Exploration Contractors,
 800 - 543 Granville St.,
 Vancouver, B.C.
 V6C 1X8

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-977

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

Barbie

1

SAMPLE No.	Au	Ag	As	Hg						
B0.5W 0+00	.010	.1	5	.150						1
0+50	.005	.1	6	.055						2
0+75	.015	.1	8	.175						3
1+00	.010	.1	12	.380						4
1+25	.005	.1	8	.250						5
1+50	.005	.1	7	.045						6
1+75	.010	.1	23	.125						7
2+00	.015	.2	9	.175						8
2+25	.005	.4	10	.210						9
2+50	.010	.1	7	.295						10
2+75	.010	.1	5	.175						11
3+00	.005	.1	6	.235						12
3+25	.010	.1	9	.230						13
4+50	.015	.1	6	.035						14
4+75	.005	.1	5	.250						15
5+00	.010	.1	5	.260						16
5+25	.005	.1	2	.100						17
5+50	.010	.1	4	.015						18
5+75	.005	.1	9	.265						19
6+00	.005	.1	1	.100						20
6+25	.005	.1	2	.360						21
6+50	.005	.1	6	.260						22
6+75	.005	.1	4	.220						23
7+00	.010	.1	1	.025						24
7+25	.015	.1	4	.150						25
7+75	.010	.1	2	.065						26
8+00	.005	.1	1	.100						27
8+25	.015	.2	4	.230						28
8+50	.010	.1	5	.305						29
8+75	.005	.1	7	.150						30
9+00	.005	.1	8	.190						31
B0.5W 9+25	.005	.1	4	.170						32
B1 W 1+00	.010	.1	8	.195						34
B1.5W 0+00	.005	.1	5	.105						36
0+25	.005	.4	8	.195						37
0+50	.010	.1	8	.115						38
B1.5W 0+75	.005	.1	8	.210						39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 2, 1980

DATE REPORTS MAILED Sept. 12, 1980

ASSAYER _____

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



To: Strato Geological Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-977

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

2

SAMPLE No.	Au	Ag	As	Hg						
B1.5W 1+25 ^{17.5}	.005	.8	5	.300						1
1+50	.005	.9	9	.220						2
1+75	.005	.4	4	.285						3
2+00	.005	.1	1	.180						4
2+25	.005	.1	4	.155						5
2+50	.005	.2	4	.180						6
2+75	.005	.1	5	.250						7
3+00	.010	.1	2	.185						8
3+25	.005	.2	4	.340						9
3+50	.005	.2	2	.185						10
3+75	.010	.1	1	.175						11
4+00	.005	.3	5	.390						12
4+25	.005	.1	5	.355						13
4+50	.005	.4	3	.240						14
4+75	.005	.2	3	.460						15
5+00	.005	.1	6	.415						16
5+25	.010	.1	2	.360						17
5+50	.005	.1	5	.115						18
5+75	.005	.2	7	.215						19
6+00	.005	.3	3	.170						20
6+25	.005	.1	4	.135						21
6+50	.005	.1	6	.400						22
B1.5W 6+75	.005	.5	2	.395						23
B1.5W 7+00	.010	.4	2	.330						25
7+25	.010	.1	4	.165						26
7+50	.005	.1	3	.255						27
7+75	.005	.1	2	.165						28
8+00	.005	.1	2	.165						29
8+25	.005	.1	2	.180						30
8+50	.005	.1	2	.185						31
8+75	.005	.1	6	.140						32
9+00	.005	.2	4	.130						33
9+25	.010	.1	3	.190						34
B1.5W 9+50	.010	1.0	1	.275						35
B2.5W 0+00	.010	.3	14	.205						37
0+25	.010	.6	10	.285						38
B2.5W 0+50	.005	.4	15	.330						39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 2, 1980

DATE REPORTS MAILED Sept. 12, 1980

ASSAYER *[Signature]*

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



To: Strato Geological Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-977
Type of Samples Soils
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au	Ag	As	Hg						
B 2.5W 0+75	.005	.1	11	.160						1
1+00	.005	.5	8	.165						2
1+25	.005	.3	1	.130						3
1+50	.005	.4	1	.115						4
1+75	.005	.1	1	.020						5
2+00	.005	.1	6	.240						6
2+25	.005	.1	2	.160						7
2+50	.005	.1	3	.420						8
2+75	.005	.1	4	.435						9
3+00	.005	.2	3	.475						10
3+25	.005	.1	3	.500						11
3+50	.005	.1	6	.295						12
3+75	.005	.3	5	.380						13
4+00	.005	.2	1	.420						14
4+25	.005	.1	3	.300						15
4+50	.005	.1	4	.160						16
4+75	.005	.1	6	.135						17
5+00	.005	.1	9	.085						18
5+25	.005	.1	5	.225						19
5+50	.005	.1	6	.245						20
B 2.5W 5+75	.005	.2	6	.145						21
										22
B 2.5W 6+00	.005	.4	5	.340						23
6+25	.005	.2	4	.215						24
6+50	.005	.2	5	.165						25
6+75	.005	.1	3	.305						26
7+00	.005	.1	3	.170						27
7+25	.005	.1	3	.175						28
7+50	.005	.1	5	.175						29
7+75	.005	.1	4	.060						30
8+00	.005	.2	4	.190						31
8+25	.005	.1	12	.130						32
8+50	.005	.1	2	.195						33
8+75	.005	.1	3	.225						34
9+00	.005	.3	5	.165						35
9+25	.005	.4	3	.135						36
B 2.5W 9+50	.005	.2	2	.170						37
										38
										39
										40

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DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 2, 1980

DATE REPORTS MAILED Sept. 12, 1980

ASSAYER *Dean Toy*

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Assaying & Trace Analysis

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80-977

File No. _____

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

4

SAMPLE No.	Au	Ag	As	Hg					
B3.5W 0+00	.005	.1	8	.200					1
0+25	.005	.1	6	.220					2
0+50	.005	.4	6	.250					3
0+75	.005	.3	10	.310					4
1+00	.010	.4	7	.250					5
1+25	.005	.2	10	.290					6
1+50	.005	.2	9	.400					7
1+75	.005	.1	9	.225					8
2+00	.005	.2	4	.210					9
2+25	.005	.1	6	.270					10
2+50	.005	.1	3	.325					11
2+75	.005	.1	6	.210					12
3+00	.005	.2	5	.250					13
3+25	.005	.2	1	.132					14
3+50	.005	.1	2	.250					15
B3.5W 3+75	.005	.1	8	.265					16
									17
B3.5W 4+00	.005	.3	5	.255					18
4+25	.005	.2	2	.250					19
4+50	.005	.2	7	.210					20
4+75	.005	.1	7	.275					21
5+00	.005	.3	3	.140					22
5+25	.005	.2	11	.132					23
5+50	.005	.1	6	.100					24
5+75	.005	.2	7	.185					25
6+00	.005	.1	7	.470					26
6+25	.005	.1	7	.270					27
6+50	.005	.6	4	.560					28
6+75	.005	.5	3	.235					29
7+00	.005	.3	1	.195					30
7+25	.005	.2	5	.260					31
7+50	.005	.3	6	.230					32
7+75	.005	.4	5	.180					33
8+00	.005	.3	3	.250					34
8+25	.005	.1	7	.195					35
8+50	.005	.4	4	.165					36
8+75	.005	.3	8	.385					37
B3.5W 9+00	.005	.2	9	.330					38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

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ASSAYER _____

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



To: Strato Geological Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-977

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

5

Table with columns: SAMPLE No., Au, Ag, As, Hg, and a column for sample numbers 1-40. Rows include samples B3.5W, B4.5W, and B4.5W with various sub-samples and their corresponding assay results for Au, Ag, As, and Hg.

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File No. 80-977

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Au	Ag	As	Hg								
6	B4.5W 8+25	P	.005	.1	2	.270							1
	8+50		.005	.1	1	.060							2
	8+75		.010	.2	8	.295							3
	9+00		.005	.1	6	.190							4
	9+25		.005	.1	6	.255							5
	B4.5W 9+50		.005	.1	5	.210							6
													7
	B5.5W 0+00		.005	.1	9	.275							8
	0+25		.005	.2	9	.240							9
	0+50		.005	.3	16	.300							10
	0+75		.005	.1	1	.430							11
	1+00		.005	.1	3	.350							12
	1+25		.005	.1	3	.300							13
	1+50		.005	.1	11	.220							14
	1+75		.005	.1	5	.215							15
	2+00		.005	.1	7	.220							16
	2+25		.005	.1	9	.130							17
	2+50		.005	.1	13	.265							18
	2+75		.005	.1	1	.100							19
	3+00		.005	.1	4	.450							20
	3+25		.005	.1	4	.230							21
	3+50		.005	.1	5	.150							22
	3+75		.005	.1	1	.305							23
	4+00		.005	.1	3	.130							24
	4+25		.005	.1	2	.160							25
	4+50		.005	.1	5	.250							26
	4+75		.005	.1	1	.240							27
	5+00		.005	.1	2	.150							28
	5+25		.005	.1	3	.330							29
	5+50		.005	.1	4	.240							30
	5+75		.005	.2	1	.310							31
	6+00		.005	.1	2	.220							32
	6+25		.005	.1	10	.115							33
	6+50		.005	.1	6	.275							34
	6+75		.005	.1	2	.285							35
	7+00		.005	.4	3	.420							36
	B5.5W 7+25		.005	.7	1	.410							37
													38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

* P = -20 mesh and pulverized.

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ASSAYER

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



To: Strato Geological Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-977

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

7

Table with columns: SAMPLE No., Au, Ag, As, Hg, and a column for sample numbers 1-40. Rows include sample IDs like B6.5W 0+00, B6.5W 5+00, B7.5W 0+00, etc.

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DIGESTION:.....

DETERMINATION:.....

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To: Strato Geological Ltd.,

File No. 80-977

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au	Ag	As	Hg						
B7.5W 1+50	.005	.1	1	.280						1
1+75	.005	.2	1	.265						2
2+00	.005	.1	1	.350						3
2+25	.005	.3	4	.310						4
2+75	.005	.3	4	.185						5
3+00	.005	.2	5	.340						6
3+25	.005	.3	5	.420						7
3+50	.005	.3	1	.175						8
3+75	.005	.1	6	.170						9
4+00	.005	.1	9	.690						10
4+25	.005	.1	3	.450						11
4+50	.005	.1	9	.340						12
4+75	.005	.3	5	.260						13
5+00	.005	.3	5	.350						14
5+25	.005	.3	4	.260						15
5+50	.020	.2	5	.340						16
5+75	.005	.2	2	.100						17
6+00	.005	.1	2	.200						18
6+25	.005	.1	4	.185						19
6+50	.005	.1	4	.320						20
B7.5W 6+75	.005	.1	9	.160						21
										22
B8.5W 0+00	.005	.1	3	.410						23
0+25	.005	.1	6	.170						24
0+50	.005	.3	4	.390						25
0+75	.005	.2	7	.330						26
1+00	.005	.1	1	.360						27
1+25	.005	.2	10	.380						28
1+50	.005	.4	6	.330						29
1+75	.005	.3	4	.375						30
2+00	.005	.1	2	.330						31
2+25	.005	.2	5	.440						32
B8.5W 2+50	.005	.2	7	.260						33
										34
										35
										36
										37
										38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

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ASSAYER Dean Toy

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

ACME ANALYTICAL LABORATORIES LTD.
ASSAYERS & CHEMISTS
6455 LAUREL STREET, BURNABY 2, B.C.
Telephone (604) 299-5242

Geochemical Analysis of Hg

Digestion

A .50 gram sample is digested with nitric and perchloric acid and diluted with 20% HCl.

Determination

Hg is determined by cold vapour AA using F & J scientific Hg assembly. An aliquot is added to stannous chloride-hydrochloric acid solution. The reduced Hg is carried by bubbling air through the solution and passed into the Hg cell determined by AA.

Oxalic Acid Leach of Rock, Soil & Silt Samples

A .50 gram sample is digested hot with 10 mls 5% oxalic acid solution. The oxalic acid will dissolve Fe and Mn from their oxides of M - 1 fraction (but not from magnetite & ilmenite) limonites and clays. The following metals are analysed by atomic absorption: Cu, Zn, Pb, Ni, Mo, Fe, & Mn.

Cold HCl Acid Extraction

A .50 gram sample is leached at room temperature for 2 hours with 10 mls 5% HCl solution. This will dissolve Cu from the organic and surface of clay fractions.

EDTA Extraction

A .50 gram sample is leached at room temperature for 4 hours with 10 mls of 2.5% EDTA solution.

CORE & ROCK ASSAYS SOIL, ROCK & WATER GEOCHEM ANALYSIS
ACME ANALYTICAL LABORATORIES, LTD.

MAIN LAB - 6455 LAUREL ST.
BURNABY, B.C. V5B 3B4
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ASSAYERS & CHEMISTS

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Telephone (604) 299-5242

Geochemical Analysis for Tungsten

A 1.00 gram sample is fused with KCl , KNO_3 , & Na_2CO_3 flux in a test-tube, is leached with 10.0 mls water. An aliquot is used to develop a complex with $SnCl_2$, $KSCN$ and HCl which is extracted by n-tributylphosphate and carbon tetrachloride.

Geochemical Analysis for Fluorine

A .25 gram sample is fused with sodium hydroxide and is leached with water. The solution neutralized, buffered and adjusted to pH 7.8 and diluted to 100 mls. Fluorine is determined by specific ion electrode with specific ion meter, Orion Model 404.

Geochemical Analysis for Tin

A 1.0 gram sample is fused with ammonium iodide in a test-tube. The decomposed iodine is leached with dilute hydrochloric acid; an aliquot is use for colorimetric development with gallein in a buffered solution.

Geochemical Analysis for Platinum

A 10 gram sample is digested with aqua regia to dryness. An aliquot of HCl leached solution is reduced by stannous chloride and extracted into MIBK. The extracted Pt is determined by AA with background correction.

Geochemical Analysis of As

Digestion

A .50 gram digested hot with 5 mls of 50% HCl , and then diluted to 10 mls.

Determination

The As is evolved from solution of KI , $SnCl_2$ by Zn metal into $AgDDC$ solution which is read colorimetrically.

ACME ANALYTICAL LABORATORIES LTD.
ASSAYERS & CHEMISTS
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Geochemical Analysis of Mo, Cu, Pb, Zn, Ag*, Ni, Co,
Mn, Bi*, V, Fe, Cd*, & Sb*

Sample preparation

Soil samples are dried at 75°C and sieved to -80 mesh.

Rock samples are ground to -100 mesh.

Digestion

A .50 gram sample is digested with dilute aqua regia in boiling water bath and diluted to 10 mls with demineralized water.

Determination

All the above elements are determined by Atomic Absorption from the solution.

* With background correction.

Geochemical Analysis of Au

Digestion and extraction

A 10 gram sample which has been ignited over night at 600°C is digested hot with dilute aqua regia, and the clear solution is extracted with Methyl Isobuthyl Ketone.

Determination

Au is determined by AA from the MIBK extractant with background correction.

Geochemical Analysis of Ba

A .100 gram sample is digested hot with NaOH and EDTA solution. The solution is analysis for Ba by AA.

Geochemical Uranium Analysis

Digestion

A .50 gram sample is digested hot with nitric and perchloric acid and diluted to 10 mls.

Fusion

An aliquot is solvent extracted with salting agent and aliquot of is fused with NaF, K₂CO₃, & Na₂CO₃ flux in platinum dish.

Determination

The fluorescence of the pellet is read in the Turner fluorometer.

APPENDIX "C"

SABRE MODEL 27

OPERATING INSTRUCTIONS

FRASER FILTER CALCULATIONS

SABRE MODEL 27 VLF-EM RECEIVER

The model 27 EM unit was designed originally for a large Canadian mining company to overcome the deficiencies inherent in existing units.

The instrument is so stable and selective that completely reliable measurements can be made on distant stations without interference from nearby powerful transmitters. Stability and selectivity are especially important when making field-strength measurements, which are now being emphasized as a means of locating conductors.

This EM receiver is very compact, requires no earphones or loudspeakers and is housed in a heavy scotch saddle leather case. All of these features add up to make an ideal one-man EM unit of unexcelled electrical performance and mechanical ruggedness.

SPECIFICATIONS -

Source of Primary Field - VLF radio stations (12 to 24 KHz.)

Number of Stations - 4, selected by switch; Cutler, Main on 17.8 KHz. and Seattle, Washington on 18.6 KBz. are standard, leaving 2 other stations that can be selected by the user.

Types of Measurement

1. Dip angle in degrees, read on a meter-type inclinometer with a range of $\pm 60^{\circ}$ and an accuracy of $\pm \frac{1}{2}^{\circ}$.
2. Field strength, read on a meter and a precision digital dial with an accuracy exceeding 1%.
3. Out of phase component, read on the field strength meter as a residual reading when measuring the dip angle.

SABRE MODEL 27 VLF-EM RECEIVER - (Continued)

Dimensions and Weight

Approx. $9\frac{1}{2}$ " x $2\frac{1}{2}$ " x $8\frac{1}{2}$ "; Weighs 5 lbs.

Batteries

8 alkaline penlite cells. The instrument will run continuously on 1 set of batteries for over 200 hours; So that in normal on-off use, the batteries will last all season. The battery condition under load is shown by pushing a button and reading voltage on the field strength meter.

VLF-EM OPERATING INSTRUCTIONS

The equipment is operated in the usual way as follows:

1. With the instrument held horizontal in front of you, turn around until a null appears on the field strength meter. You should now be facing the station.
2. With the receiver still facing the station, lift it to the vertical position and rotate it slightly in the vertical plane to your right or left until the best null appears on the field strength meter. Record the angle on the inclinometer at which the null appears. This is the DIP ANGLE (Positive or negative).
3. Return the instrument to the horizontal plane and turn around until the field strength meter is at its maximum reading. Set this maximum reading at 100 on the meter and record the reading on the gain control dial. This is the Field Strength Reading.
4. Repeat steps 1, 2 and 3 at each station.
5. To test the batteries turn the power switch on and push the test button. The field strength meter should read above the red mark. Battery life is approximately 200 hours and if the instrument is turned off between readings, the batteries should last for an entire season.

NOTE: An alternative way of measuring field strength is as follows:

Proceed as in step 3, setting the meter to 100. Now push the field strength button (marked FS) and the meter will read 50. (If it doesn't, adjust the gain control slightly). Leave the Gain Control setting where it is and take comparative Field Strength readings at each station by pressing the Field Strength button and recording the meter reading, which will vary from its Base Station Reading as you pass over conductive zones.

PREFERRED
METHOD

SELECTION OF STATIONS:

The stations are selected by the switch on the control panel, with the following abbreviations being used;

C = Cutler, Maine.	Frequency = 17.8 Khz.
S = Seattle, Wash.	Frequency = 18.6 Khz.
A = Annapolis, Md.	Frequency = 21.4 Khz.
H = Hawaii.	Frequency = 23.4 Khz.

The two most useful stations are Cutler and Seattle and these will be used almost exclusively. Note that Seattle is off the air for several hours on Thursdays for maintenance (between 10 A.M. and 2 P.M. usually). Cutler is off the air for the same length of time every Friday.

If Equipment fails to operate:

- (a) Check that station is transmitting (see above). If one station appears to be dead, check another one to see if it is operating normally.
- (b) Check batteries. If they read low or the reading begins to drop after the test button is held down for a few seconds, replace them. Note also that there are 8 batteries in the instrument and they cannot be individually checked by the test button. If the batteries have been in the unit for a long time it is possible that one is dead or very weak but that the total voltage indicated by the test button is near normal. It is cheap insurance to instal new batteries before starting a big survey.
- (c) If unit still fails to operate check that battery connectors are tight, then check wiring of battery connectors for breaks or damage.

DETAILED
OPERATING INSTRUCTIONS
SABRE VLF-EM RECEIVER

INTRODUCTION:

The VLF-EM method utilizes electromagnetic field transmitted from radio stations in the 15-25 K Hz range. The signals are propagated with the magnetic component of the field being horizontal in undisturbed areas.

Conductivity contrasts in the earth create secondary fields, producing a vertical component and changes in the field strength or amplitude. These conductive areas may be located, and to a degree, evaluated by measuring the various parameters of this electromagnetic field.

The Sabre VLF-EM receiver is tuned to receive any 4 transmitter stations: usually C-Cutler Maine, S-Seattle, H-Hawaii and P-Panama.

The station used in the survey should be selected so that the direction of the signal is roughly perpendicular to the direction of the grid lines which, in turn, should be laid out perpendicular to the regional strike.

MEASUREMENTS:

The Sabre VLF-EM receiver can be used to measure the following characteristics of the VLF field.

- (a) Tilt angle of resultant field;
- (b) Field strength of (a) horizontal component of field
(b) vertical component of field

Field Procedure

The following procedure should be followed to measure the dip angle of null and the field strength of the horizontal component of the VLF field.

Initial Field Strength Adjustment

Adjust the gain control to provide a suitable relative field strength measurement, as follows:-

(a) hold receiver in horizontal position (meter faces horizontal) and rotate in a horizontal plane until a null is indicated on the F.S. meter; rotate 90° in this horizontal plane (F.S. meter reads maximum)

(b) adjust gain control so that the F.S. meter reads 100

(c) record gain control setting (000 to 999).
Close guard-over gain control and do not readjust unless a major field strength occurs.

The above procedure should be carried out at the beginning of each day's survey and checked during the day.

Dip Angle Measurement Procedure

1. Hold receiver in horizontal position and rotate in the horizontal plane until a null is observed. This aligns receiver in the field and the operator should be facing southerly or easterly depending on transmitter location.

2. Bring receiver up to the vertical position (meter faces vertical) and rotate the receiver in the vertical plane perpendicular to the transmitter direction until a null or minimum reading is observed on the field strength meter.

3. Hold the receiver in this field strength null position and read the inclinometer in degrees. Record this dip angle of null along with sign (+ or -).

Horizontal Field Strength Measurement Procedure

1. Return receiver to the horizontal position.
2. Reestablish null bearing in horizontal plane.
3. Rotate receiver 90° in the horizontal plane.
4. Depress ^{F.S.}~~damp~~ push button switch and observe field strength meter reading for sufficient time to obtain an average F.S. meter reading. (depressed ^{F.S.}~~damp~~ switch slows needle action and reduces meter reading by half. The reading will normally range around 50).

5. Record F.S. reading.

Filtering Techneque For VLF-EM Dip Angle Data

The standard profile method of presenting dip angle data may be difficult to interpret. A filtering technique, described by D.C. Fraser 1969 (Geophysics, V.34 No. 6,P. 958-967) enables the data to be presented on a plan map with conductive areas defined by contours.

The following explains the calculation:-

<u>Line</u>	<u>Station</u>	<u>Null</u>	<u>Filter</u>
8N	0 E	+ 3	
	1 E	+ 4	
	2 E	+ 4	
	3 E	+ 6	
	4 E	+ 7	
	5 E	+ 9	
	6 E	+ 12	
	7 E	+ 16	
	8 E	+ 2	
	9 E	- 4	
	11 E	- 6	
	12 E	- 1	
		+3+4= +7	
		+4+4= +8	
		+4+6= +10	
		+13	
		+16	
		+21	
		+28	
		+18	
		-2	
		-14	
		-16	
		-7	
		-6-1= -7	
		+7-(+10)= -3	
		+8-(+13)= -5	
		+10-(+16)= -6	
		-8	
		-12	
		+3	
		+30	
		+32	
		+14	
		-14-(-7)= -7	

Fig. 1 is an example of a field sheet showing null angle reading, filtered reading and relative field strength. Fig. 2 shows the field sheet with filter card overlaid. The small window in the side of the card shows the four readings used to calculate the filtered reading, and an arrow showing that the filter reading is to be plotted between station 8E and 9E as indicated in fig. 1. The card is moved down the field sheet, one reading at a time as a guide while carrying out the filtering procedure. Throughout the survey care must be taken to ensure that the filtered data has the correct sign. The positive values only are plotted and contoured while for negative values, only the negative sign is plotted.

Crone suggests in instructions for the Radem VLF-EM, the use of N-S or E-W notation instead of (+ or -) signs, however for filtering a sign must be substituted.

The following convention may be used to ensure the correct sign of filtered data and provide a consistent crossover pattern when studying the profiled null angle data.

1. When taking a reading, always face southerly, on east-west lines, and always face easterly on north-south lines.

2. Record data on field sheets (top to bottom) as follows: on N-S lines record from south to north

: on E-W lines record from west to east

3. Plot and profile dip angle data on plan maps facing map north or map west.

The above convention will provide correct data regardless of the property location relative to the transmitter being used.

J.T. WALKER

MAY 17, 1974

Station - 024 VLF-EM SURVEY

PROPERTY	G.I.T.S.	TRANS	SCATTLE	PAGE	
Q	ATOR	INSTR.	S.P.2.2.2	DATE	11/11/74
Line	Sta.	Null	Filter	F. S.	
8N	0E	+3		50	
(	1E	+4	-3	50	
	2E	+4	-5	52	
	3E	+6	-6	52	
(	4E	+7	-8	52	
	5E	+9	-12	52	
	6E	+12	+3	52	
	7E	+16	+30	60	
	8E	+2	+32	65	X OVER
	9E	-4	+14	62	
	10E	-10	-7	50	
	11E	-6	-10	48	
	12E	-1	-14	48	
	13E	+3	-6	50	
	14E	+4	-1	50	
(	15E	+4	+6	50	
	16E	-4	+10	55	X OVER
	17E	-2	+1	55	
(	18E	0	-2	50	
	19E	+1			
	20E	-1			
(

• Fig. 1 Example of Field Sheet

Gain - 0.24 VLF-EM SURVEY

PROPERTY G.I.T.S. TRANS SEATTLE PAGE 1.
 OPERATOR _____ INSTR. SABRE DATE MAY 4/74

					Filter	F. S.	
						50	
					-3	50	
FILTER CARD FILTERED READINGS $(a+b) - (c+d)$ $(+16+2) - (-4+(-10)) =$ $(+18) - (-14) = +32$					-5	52	
						-6	52
						-8	52
						-12	52
						+3	52
						+16	60
						+2	65
						-4	62
						-10	50
						-7	50
	-18	48					
	-14	48					
	-6	60					
	-1	50					
	+6	50					
	+10	55					
	+1	55					
	-2	50					

Fig. 2 Field Sheet with Filter Card Overlaid

APPENDIX "B"

COMPUTER PRINT OUT
FREQUENCY AND PROBABILITY CURVES

POSITIVE SYSTEMS LTD.

RUN FOR: A.F. ROBERTS, P.ENG.

MINERAL: AG

CLAIM NAME:

DATE DATA REC'D: 06 AUG 80

DATE RUN: 07 AUG 80

CONCEN. RANGE	FREQUENCY	CUMULATIVE FREQUENCY	PERCENT	CUMULATIVE % FREQUENCY
< 0	0	0	0	0
< .1	0	0	0	0
< .2	162	162	37.6744	37.6744
< .3	99	261	23.0233	60.6977
< .4	80	341	18.6047	79.3023
< .5	47	388	10.9302	90.2326
< .6	8	396	1.86047	92.093
< .7	14	410	3.25581	95.3488
< .8	5	415	1.16279	96.5116
< .9	9	424	2.09302	98.6047
< 1	2	426	.465116	99.0698
< 1.1	0	426	0	99.0698
< 1.2	3	429	.697674	99.7674
>= 1.2	1	430	.232558	100

STANDARD DEVIATION: .227316

MEAN CONCENTRATION: .256047

POSITIVE SYSTEMS LTD.

RUN FOR: A.F. ROBERTS, P.ENG.

MINERAL: HG ←

CLAIM NAME:

DATE DATA REC'D: 06 AUG 80

DATE RUN: 07 AUG 80

CONCEN. RANGE <i>ppm</i>	FREQUENCY	CUMULATIVE FREQUENCY	PERCENT	CUMULATIVE FREQUENCY %
< 0	0	0	0	0
< .01	0	0	0	0
< .02	1	1	.229358	.229358
< .03	5	6	1.14679	1.37615
< .04	8	14	1.83486	3.21101
< .05	9	23	2.06422	5.27523
< .06	10	33	2.29358	7.56881
< .07	16	49	3.66973	11.2385
< .08	14	63	3.21101	14.4495
< .09	15	78	3.44037	17.8899
< .1	19	97	4.3578	22.2477
< .11	11	108	2.52294	24.7706
< .12	23	131	5.27523	30.0459
< .13	27	158	6.19266	36.2385
< .14	32	190	7.33945	43.578
< .15	25	215	5.73395	49.3119
< .16	23	238	5.27523	54.5872
< .17	19	257	4.3578	58.945
< .18	18	275	4.12844	63.0734
< .19	18	293	4.12844	67.2018

POSITIVE SYSTEMS LTD.

RUN FOR: A.F. ROBERTS, P.ENG.

MINERAL: HG ←

CLAIM NAME:

DATE DATA REC'D: 06 AUG 80

DATE RUN: 07 AUG 80

CONCEN. RANGE	FREQUENCY	CUMULATIVE FREQUENCY	PERCENT	
< .2	22 } 40	315	5.04587	72.2477
< .21	18 } 37	333	4.12844	76.3762
< .22	19 } 29	352	4.3578	80.7339
< .23	8 } 14	360	1.83486	82.5688
< .24	21 } 8	381	4.81651	87.3853
< .25	8 } 3	389	1.83486	89.2202
< .26	6 } 2	395	1.37615	90.5963
< .27	2 } 6	397	.458716	91.0551
< .28	6 } 9	403	1.37615	92.4312
< .29	6 } 6	409	1.37615	93.8073
< .3	3 } 3	412	.688073	94.4954
< .31	3 } 3	415	.688073	95.1835
< .32	3 } 3	418	.688073	95.8716
< .33	0 } 3	418	0	95.8716
< .34	3 } 3	421	.688073	96.5596
< .35	1 } 3	422	.229358	96.789
< .36	3 } 3	425	.688073	97.4771
< .37	0 } 3	425	0	97.4771
< .38	0 } 3	425	0	97.4771
< .39	1 } 3	426	.229358	97.7064
< .4	1 } 2	427	.229358	97.9358

POSITIVE SYSTEMS LTD.

RUN FOR: A.F. ROBERTS, P.ENG.

MINERAL: HG ←

CLAIM NAME:

DATE DATA REC'D: 06 AUG 80

DATE RUN: 07 AUG 80

CONCEN. RANGE	FREQUENCY	CUMULATIVE FREQUENCY	PERCENT	
< .41	0	427	0	97.9358
< .42	1	428	.229358	98.1651
< .43	0	428	0	98.1651
< .44	1	429	.229358	98.3945
< .45	1	430	.229358	98.6239
>= .45	6	436	1.37615	100

STANDARD DEVIATION: .0876818

MEAN CONCENTRATION: .161594

POSITIVE SYSTEMS LTD.

RUN FOR: A.F. ROBERTS, P.ENG.

MINERAL: AS ←

CLAIM NAME:

DATE DATA REC'D: 06 AUG 80 DATE RUN: 07 AUG 80

CONCEN. RANGE	FREQUENCY	CUMULATIVE FREQUENCY	PERCENT	CUMULATIVE FREQUENCY %
< 0	0	0	0	0
< 1	1	1	.229358	.229358
< 2	23	24	5.27523	5.50459
< 3	23	47	5.27523	10.7798
< 4	18	65	4.12844	14.9083
< 5	13	78	2.98165	17.8899
< 6	21	99	4.81651	22.7064
< 7	28	127	6.42202	29.1284
< 8	14	141	3.21101	32.3395
< 9	20	161	4.58716	36.9266
< 10	22	183	5.04587	41.9725
< 11	16	199	3.66973	45.6422
< 12	19	218	4.3578	50
< 13	18	236	4.12844	54.1284
< 14	22	258	5.04587	59.1743
< 15	23	281	5.27523	64.4495
< 16	25	306	5.73395	70.1835
< 17	25	331	5.73395	75.9174
< 18	21	352	4.81651	80.7339
< 19	22	374	5.04587	85.7798

POSITIVE SYSTEMS LTD.

RUN FOR: A.F. ROBERTS, P.ENG.

MINERAL: AS ←

CLAIM NAME:

DATE DATA REC'D: 06 AUG 80 DATE RUN: 07 AUG 80

CONCEN. RANGE	FREQUENCY	CUMULATIVE FREQUENCY	PERCENT	
< 20	16	390	3.66973	89.4495
< 21	18	408	4.12844	93.578
< 22	7	415	1.6055	95.1835
< 23	4	419	.917431	96.1009
< 24	2	421	.458716	96.5596
< 25	3	424	.688073	97.2477
< 26	2	426	.458716	97.7064
< 27	3	429	.688073	98.3945
< 28	4	433	.917431	99.3119
< 29	1	434	.229358	99.5413
< 30	0	434	0	99.5413
>= 30	2	436	.458716	100

STANDARD DEVIATION: 6.55996

MEAN CONCENTRATION: 11.3966

FREQUENCY CURVE
ARSENIC

STD. DEVIATION 6.55996

MEAN 11.3966

THRESHOLD 17PPM

ANOMALOUS 21PPM

KENNEDY RESOURCES INC.

VANCOUVER, BC.

BARBIE CLAIM

QUEEN CHARLOTTE ISLANDS, BC.

SKEENA MD

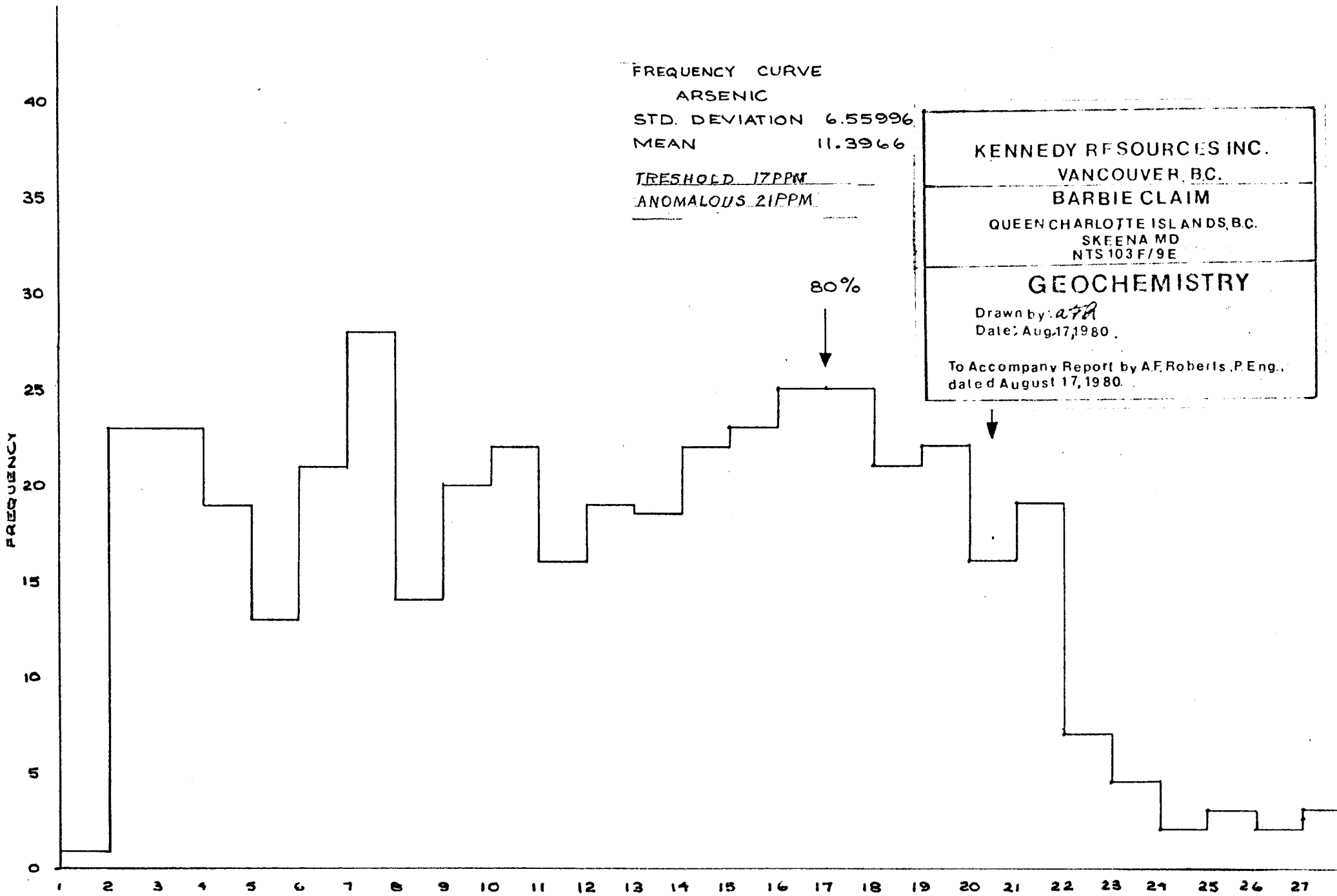
NTS 103 F/9E

GEOCHEMISTRY

Drawn by: *ata*

Date: Aug. 17, 1980.

To Accompany Report by A.F. Roberts, P. Eng.,
dated August 17, 1980.



DISTRIBUTION P.P.M.

FREQUENCY CURVE

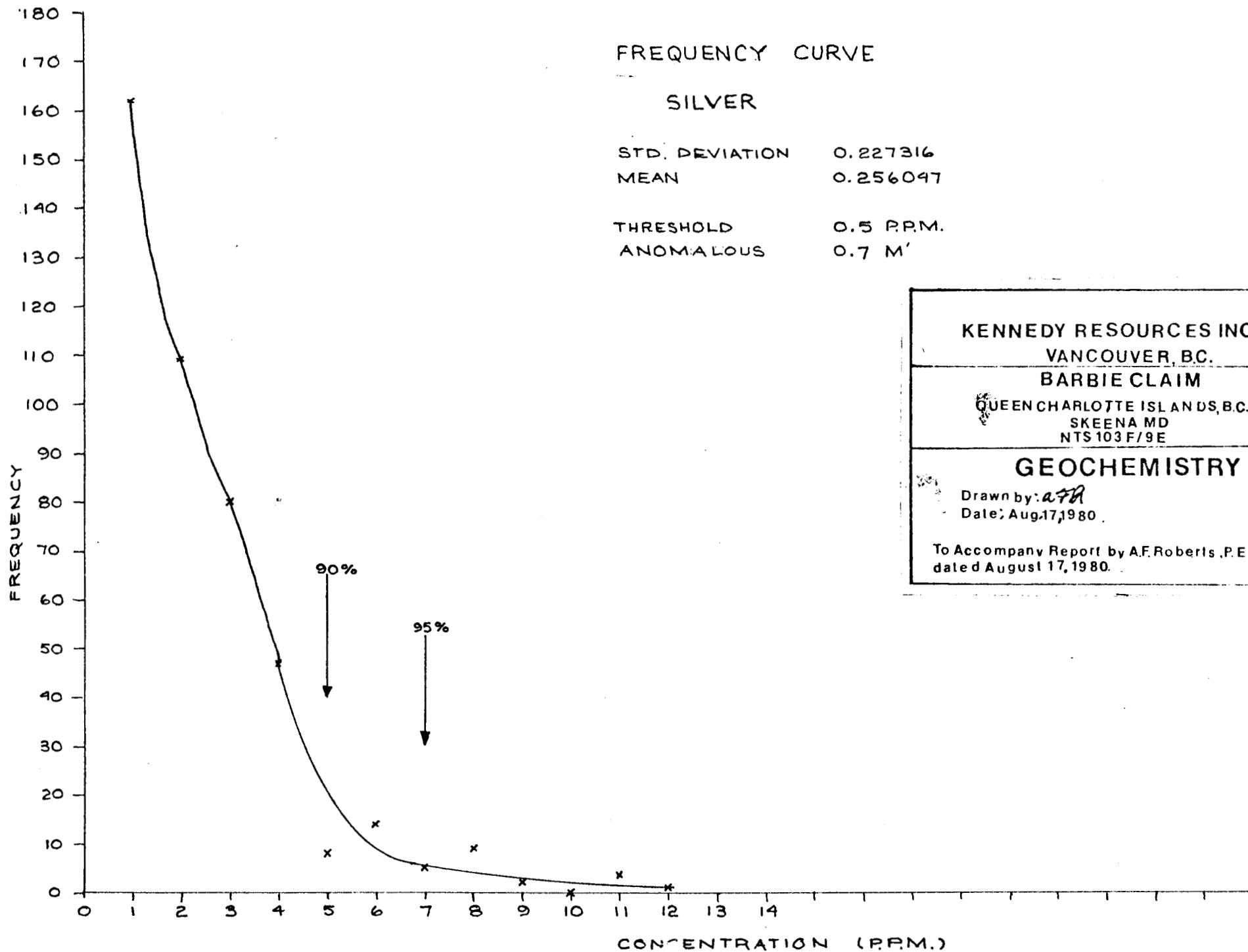
SILVER

STD. DEVIATION 0.227316

MEAN 0.256047

THRESHOLD 0.5 P.P.M.

ANOMALOUS 0.7 M'



KENNEDY RESOURCES INC.
VANCOUVER, B.C.

BARBIE CLAIM

QUEEN CHARLOTTE ISLANDS, B.C.
SKEENA MD
NTS 103 F/9E

GEOCHEMISTRY

Drawn by: *AFR*
Date: Aug. 17, 1980

To Accompany Report by A.F. Roberts, P. Eng.,
dated August 17, 1980.

FREQUENCY CURVE

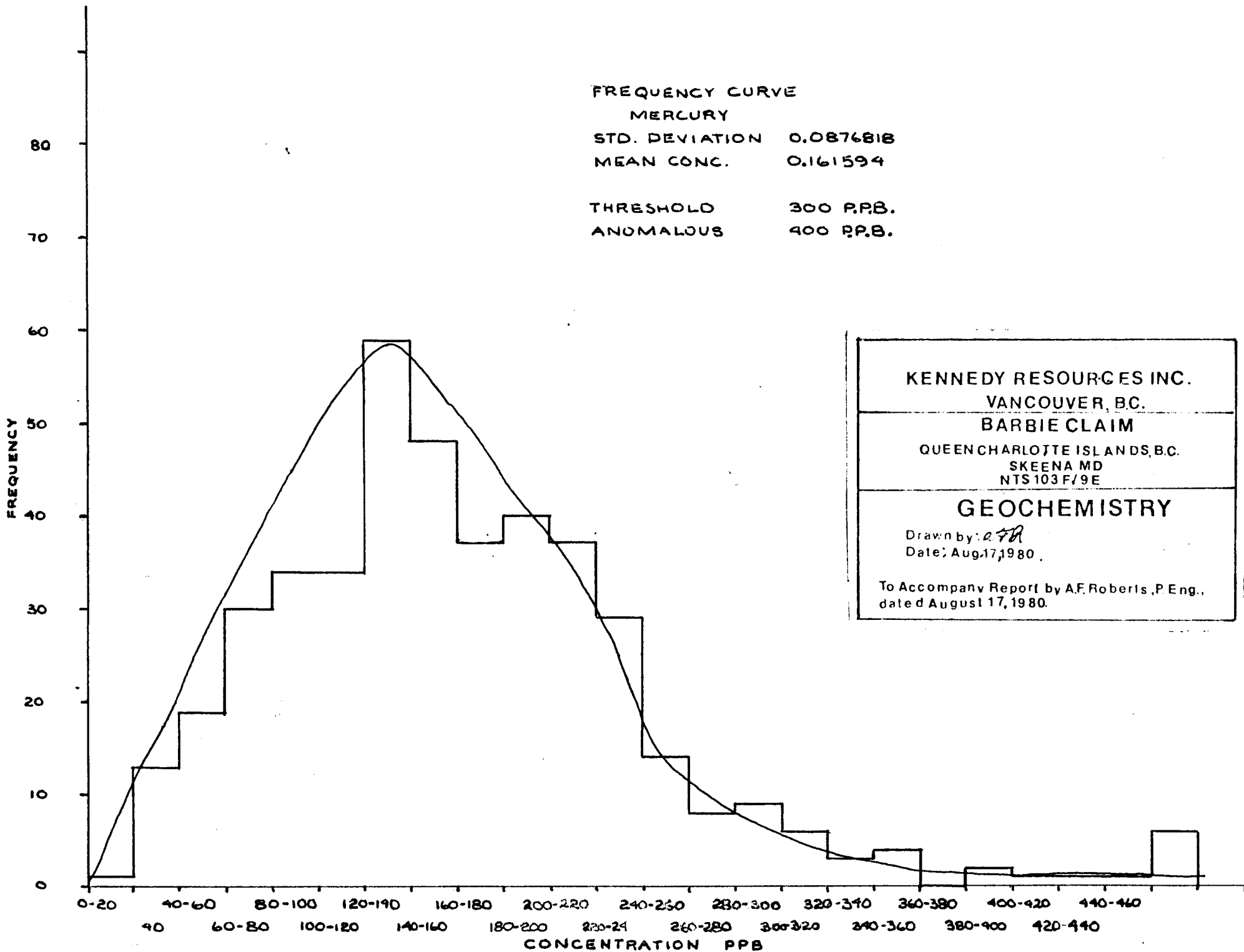
MERCURY

STD. DEVIATION 0.0876818

MEAN CONC. 0.161594

THRESHOLD 300 P.P.B.

ANOMALOUS 400 P.P.B.



KENNEDY RESOURCES INC.
VANCOUVER, B.C.

BARBIE CLAIM

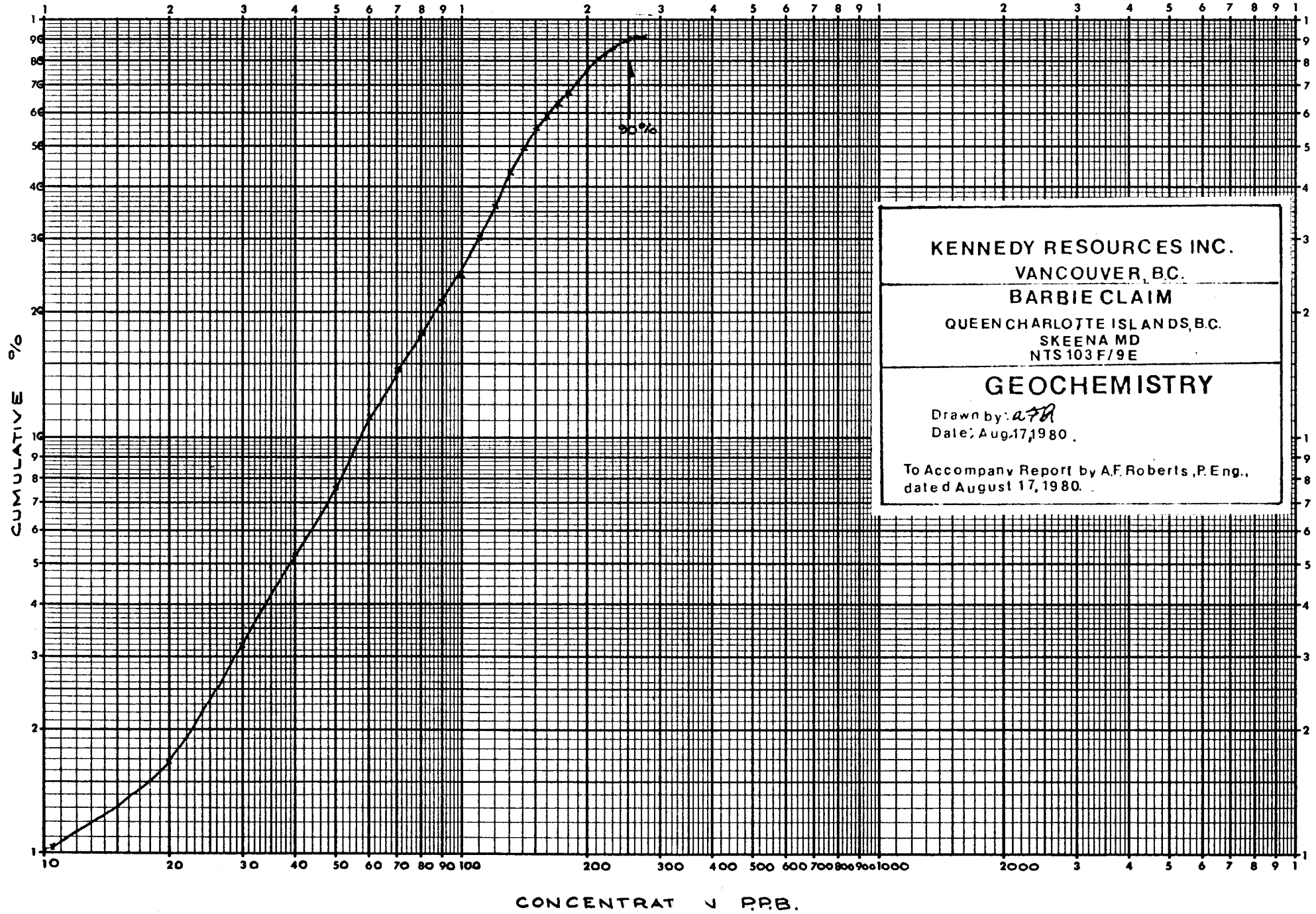
QUEEN CHARLOTTE ISLANDS, B.C.
SKEENA MD
NTS 103 F/9E

GEOCHEMISTRY

Drawn by: *A.F.R.*
Date: Aug. 17, 1980.

To Accompany Report by A.F. Roberts, P. Eng.,
dated August 17, 1980.

PROBABILITY CURVE
MERCURY



KENNEDY RESOURCES INC.

VANCOUVER, B.C.

BARBIE CLAIM

QUEEN CHARLOTTE ISLANDS, B.C.

SKEENA MD
NTS 103 F/9E

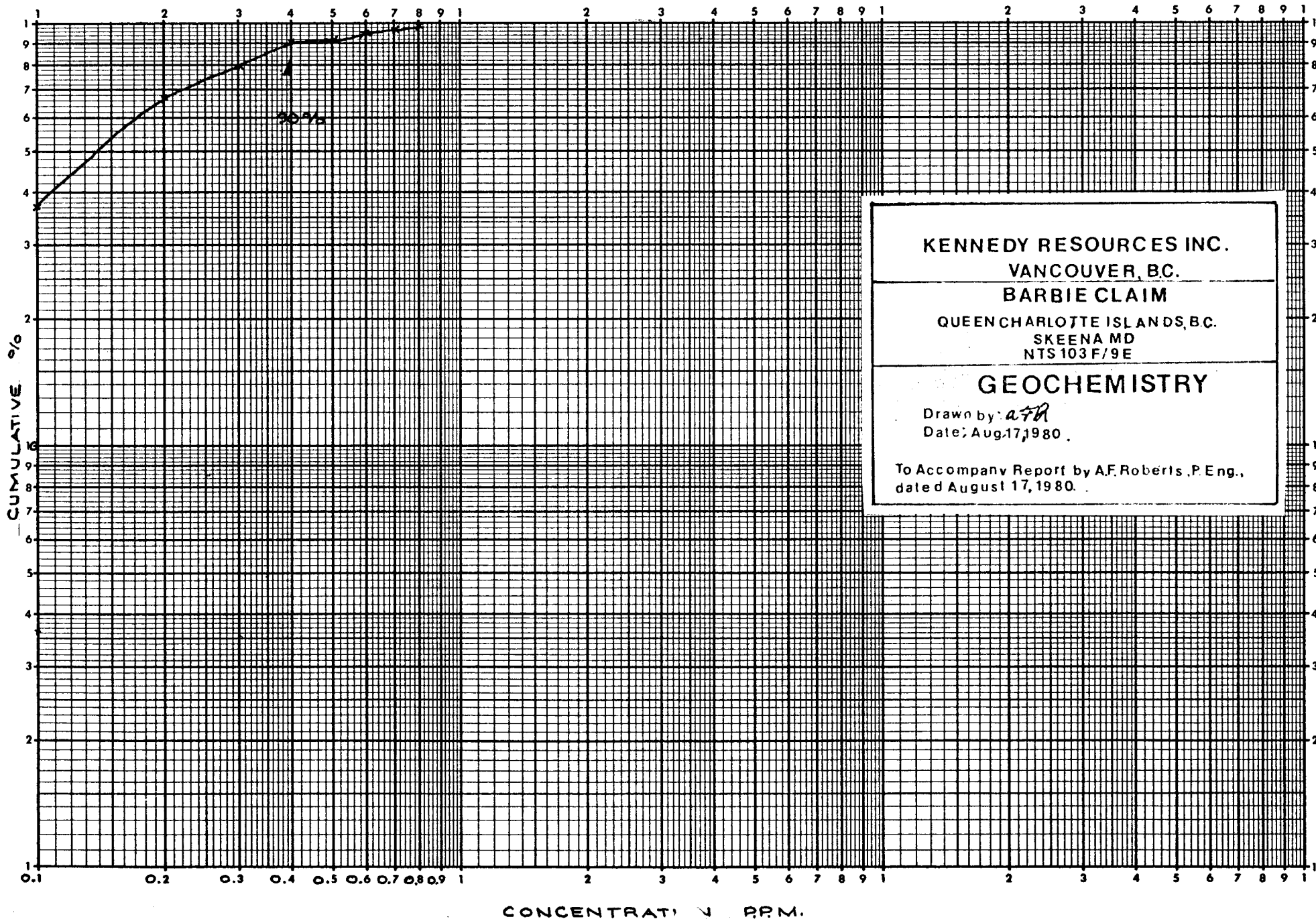
GEOCHEMISTRY

Drawn by: *ATH*

Date: Aug. 17, 1980.

To Accompany Report by A.F. Roberts, P. Eng.,
dated August 17, 1980.

PROBABILITY CURVE
SILVER.



KENNEDY RESOURCES INC.
VANCOUVER, B.C.

BARBIE CLAIM

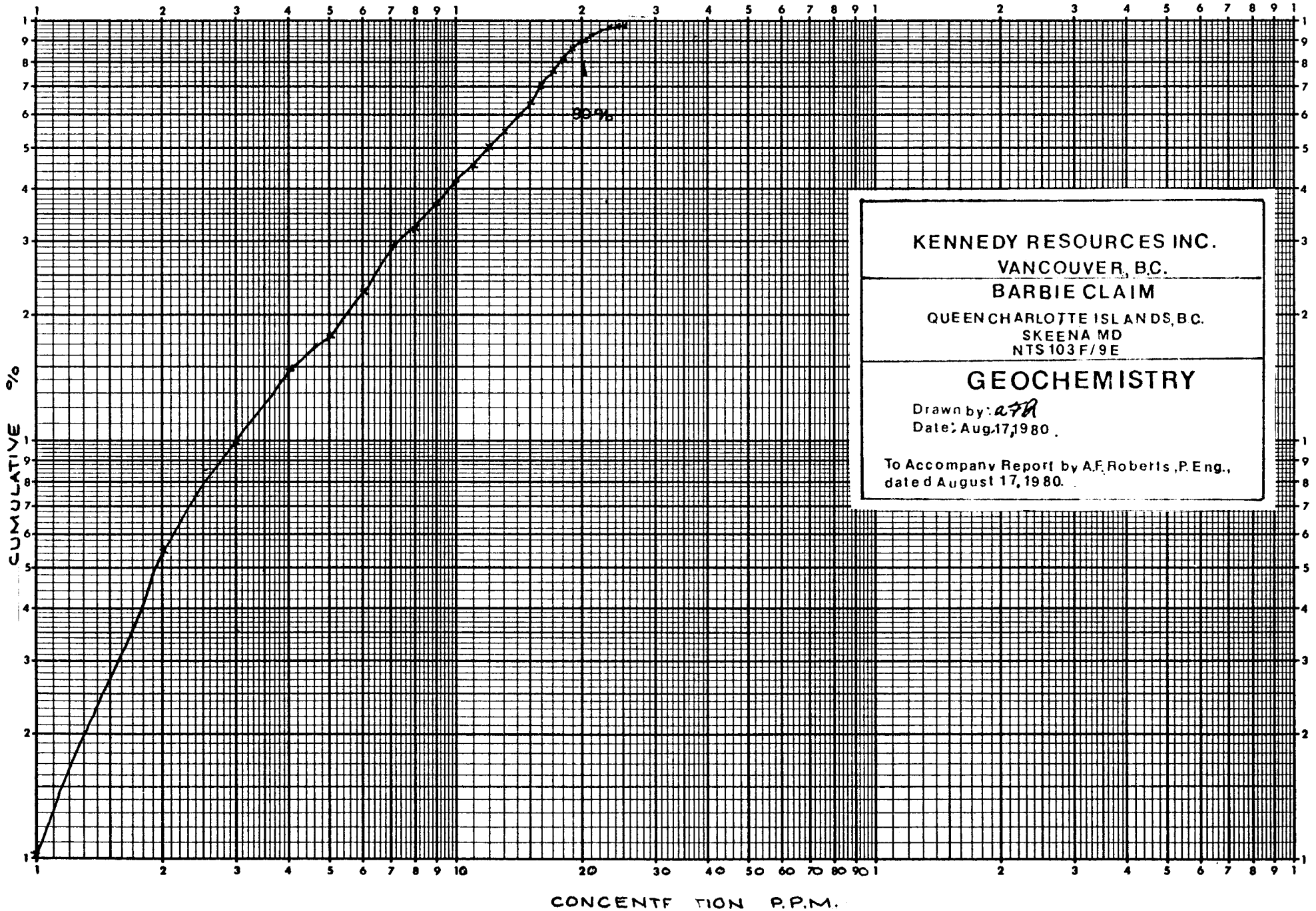
QUEEN CHARLOTTE ISLANDS, B.C.
SKEENA MD
NTS 103 F/9E

GEOCHEMISTRY

Drawn by: *ATH*
Date: Aug. 17, 1980.

To Accompany Report by A.F. Roberts, P. Eng.,
dated August 17, 1980.

PROBABILITY CURVE
ARSENIC



KENNEDY RESOURCES INC.
VANCOUVER, BC.

BARBIE CLAIM
QUEEN CHARLOTTE ISLANDS, BC.
SKEENA MD
NTS 103 F/9E

GEOCHEMISTRY

Drawn by: *a7R*
Date: Aug. 17, 1980.

To Accompany Report by A.F. Roberts, P. Eng.,
dated August 17, 1980.



8368

KENNEDY RESOURCES INC
VANCOUVER BC

BARRIE CLAIMS
SHEENA M.D.
RTS 103 P. 9E
CONTOUR MAP
TOTAL FIELD STRENGTH 5A.F.

DATE AUG 7-1979
SCALE 1CM = 25 M

DRAWN BY
STRATTON GEOLOGICAL

TO ACCOMPANY REPORT BY A.F. ROBERTS, ENG. Aug 1979

LEGEND
ROAD ---
RIVER ---
SWAMP ---
NO SAMPLE N.S.
OUTCROP O.C.





KENNEDY RESOURCES INC.
VANCOUVER B.C.

SARIE CLAIMS
SARIE M.D.
N.F.S. 004 232
CONTOUR MAP
FRASER RIVER 1981

DATE: AUG. 17, 1980
SCALE: 1 CM = 20 M

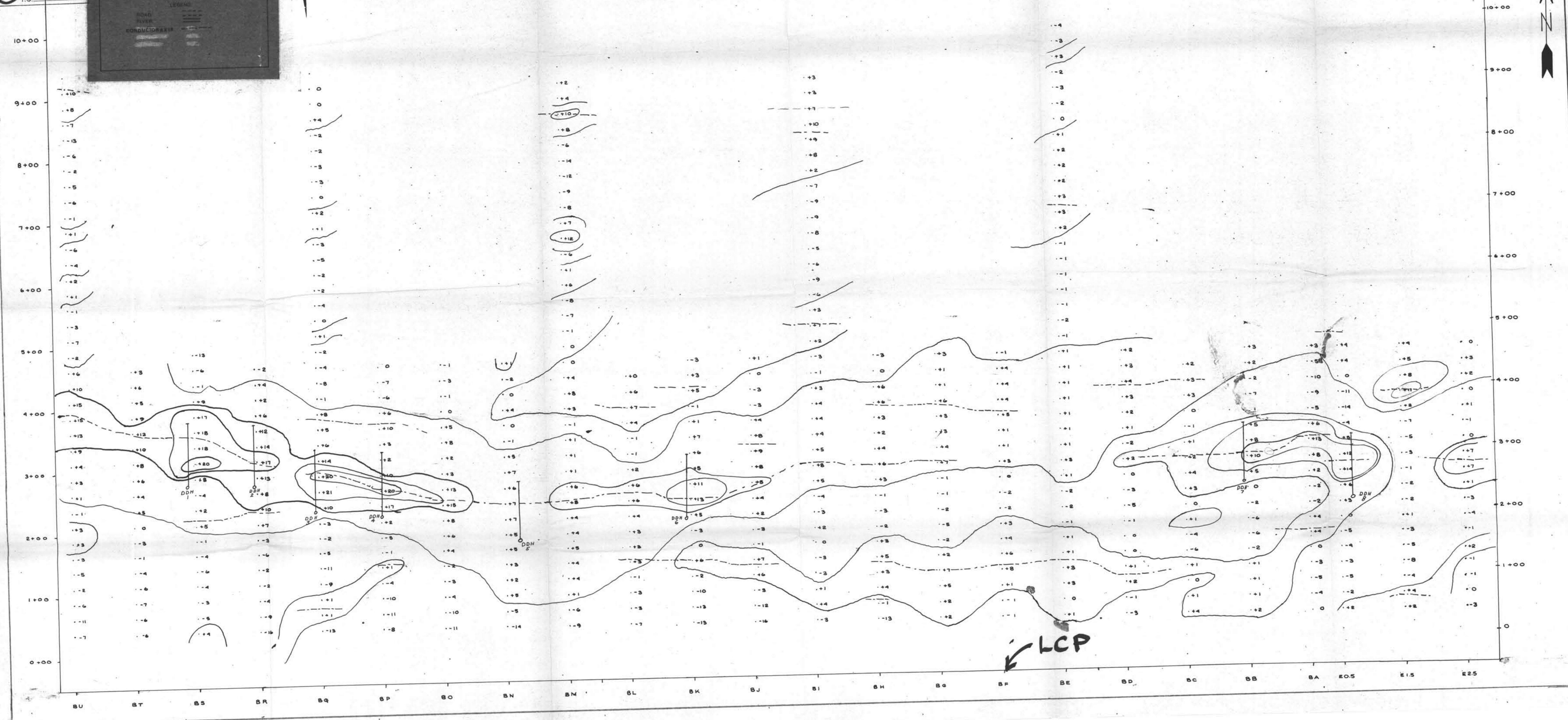
MINERAL RESOURCES BRANCH
83/68

TO ACCOMPANY REPORT BY A.F. ROBERTS, P.E. AND M.D.

LEGEND
ROAD
RIVER
CONDUCTOR AXIS



83/68





8368

KENNEDY RESOURCES INC.
VANCOUVER B.C.

BARBIE CLAIMS
SKEENA M.D.
NTS 193 F/9E
CONTOUR MAP
FRASER FILTER #82

DATE: AUG. 17th 1980
SCALE: 1CM = 25 M

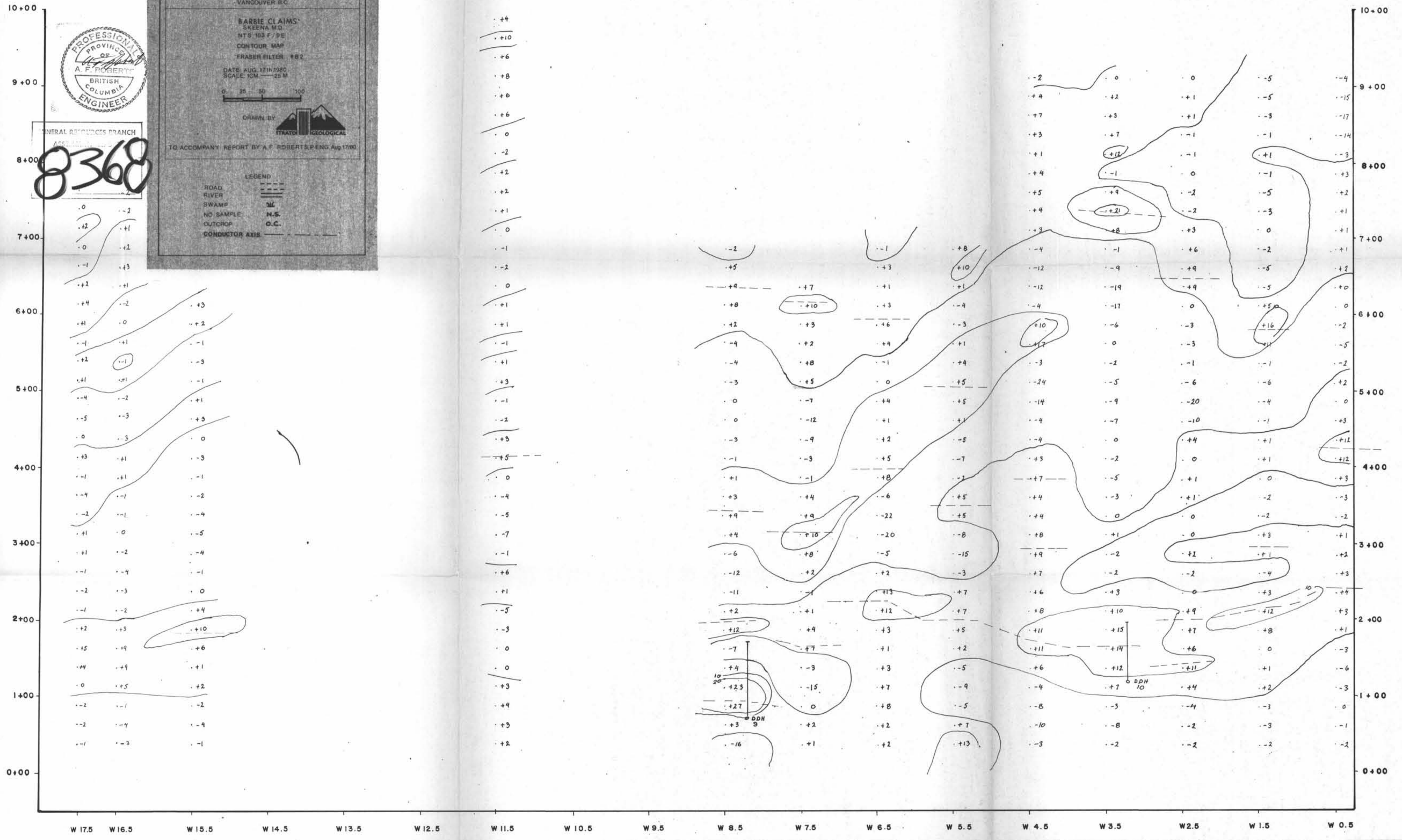
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DRAWN BY: STRATON GEOLOGICAL

TO ACCOMPANY REPORT BY A.F. ROBERTS, P.ENG. AUG 17/80

LEGEND

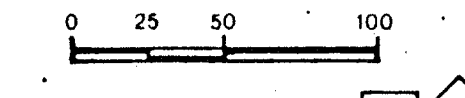
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- RIVER: ---
- SWAMP: ---
- NO SAMPLE: N.S.
- OUTCROP: O.C.
- CONDUCTOR AXIS: ---



8368

KENNEDY RESOURCES INC.
VANCOUVER B.C.

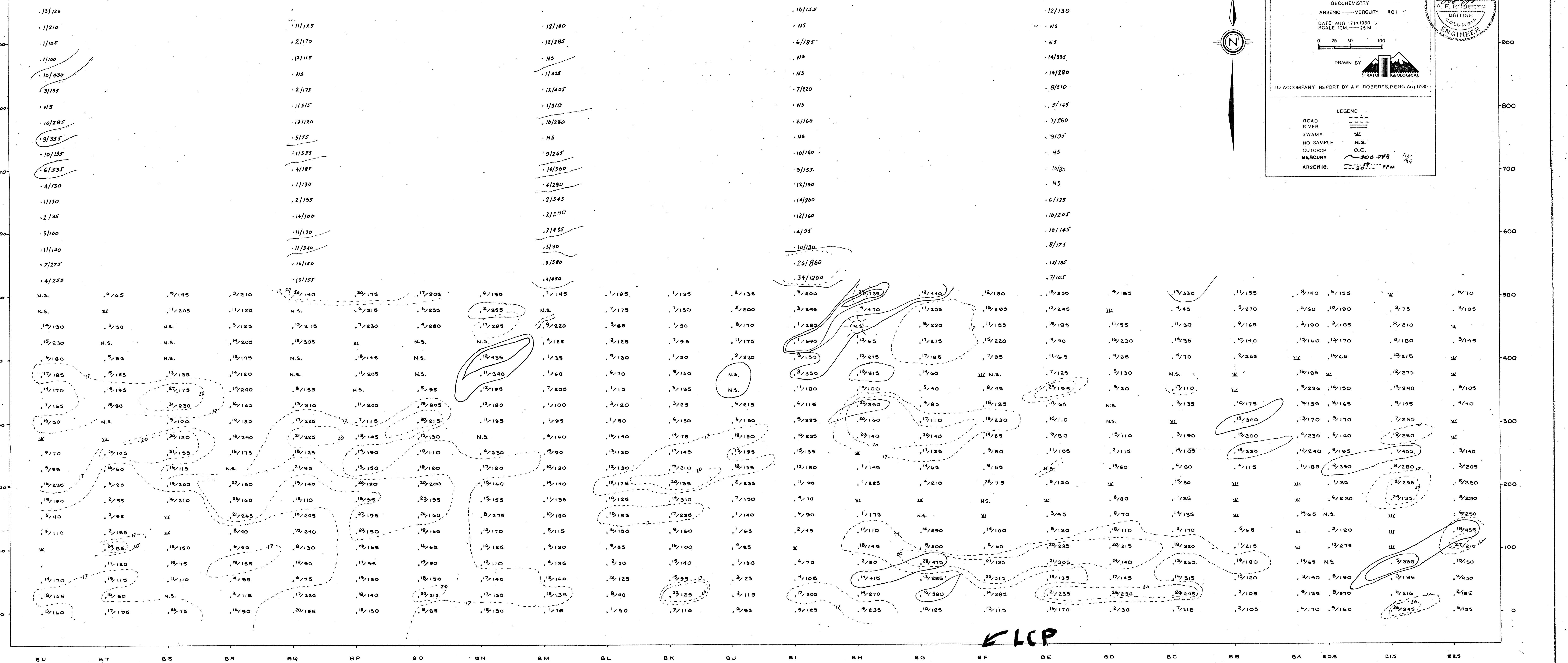
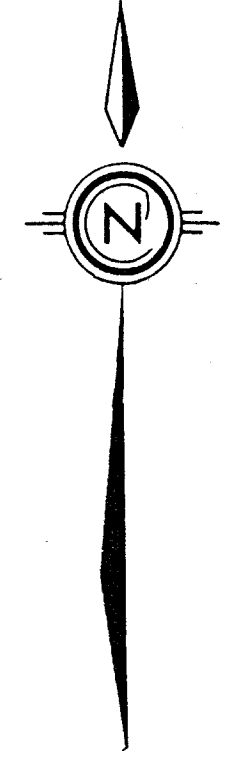
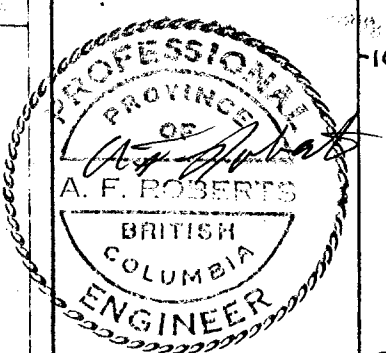
BARBIE CLAIMS
SKEENA M.D.
NTS 103 F/9E
GEOCHEMISTRY
ARSENIC—MERCURY #C1
DATE AUG 17th 1980
SCALE 1CM = 25 M



TO ACCOMPANY REPORT BY A.F. ROBERTS, PENG AUG 17/80

LEGEND

- ROAD - - - - -
- RIVER - - - - -
- SWAMP - - - - -
- NO SAMPLE N.S.
- OUTCROP O.C.
- MERCURY 300-PPB $\frac{A_3}{119}$
- ARSENIC 20-PPM



13/120
1/210
1/105
1/100
10/430
3/135
N.S.
10/285
9/355
10/135
6/335
4/130
1/130
2/95
3/100
11/140
7/275
4/250

11/125
2/170
12/115
N.S.
2/175
11/315
13/120
5/75
11/375
4/185
1/130
2/195
14/100
11/130
11/340
16/150
13/155

12/190
12/285
N.S.
1/425
13/405
1/310
10/280
N.S.
9/265
14/300
4/290
2/345
2/390
2/435
3/90
5/580
4/450

10/155
N.S.
6/185
N.S.
N.S.
7/220
N.S.
6/160
N.S.
10/160
9/155
12/190
14/200
12/160
4/95
10/130
26/860
34/1200

12/130
N.S.
14/335
14/280
8/210
5/145
1/260
9/95
N.S.
10/80
N.S.
6/125
10/205
10/145
8/175
12/135
7/105

1000
900
800
700
600
500
400
300
200
100
0

BU BT BS BR BQ BP BO BN BM BL BK BJ BI BH BG BF BE BD BC BB BA B0.5 E1.5 #2S

LCP



MINERAL RESOURCES BRITISH COLUMBIA
 ASSESSMENT REPORT
 83608
 NO.



KENNEDY RESOURCES INC.
 VANCOUVER B.C.

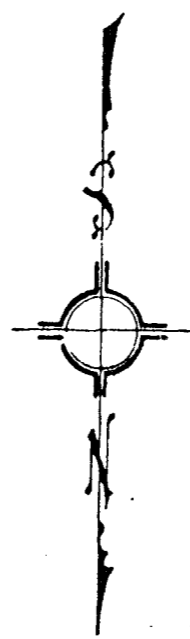
BARBIE CLAIMS
 SKENA M.D.
 NTS 103 F 9/E
 GEOCHEMISTRY
 ARSENIC MERCURY
 PLATE G2
 DATE AUG 17 1980
 SCALE 1:25,000

DRAWN BY

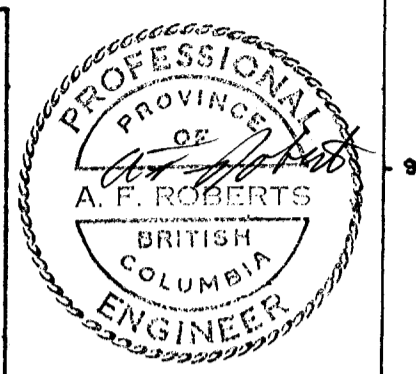
 STRATIGEOLOGICAL

TO ACCOMPANY REPORT BY A. F. ROBERTS P ENG AUG 17/80

LEGEND
 ROAD
 RIVER
 SWAMP
 NO SAMPLE
 N.S.
 O.C.
 As ppm, Hg ppm
 25/100



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8368
NO.



KENNEDY RESOURCES INC.
VANCOUVER B.C.

BARBIE CLAIMS
SKEENA M.D.
NTS 103 F/9 E
GEOCHEMISTRY
GOLD — SILVER #D1

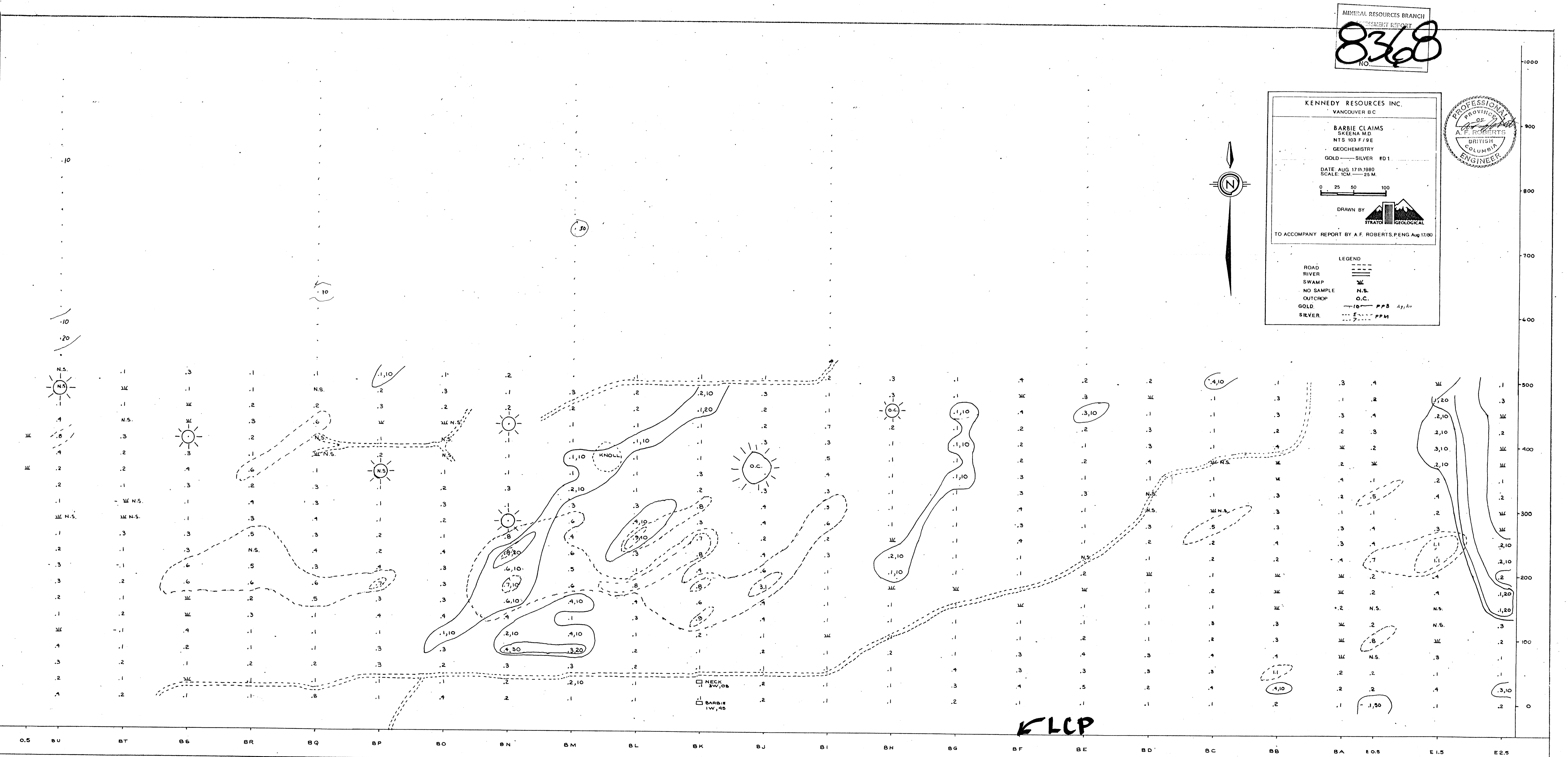
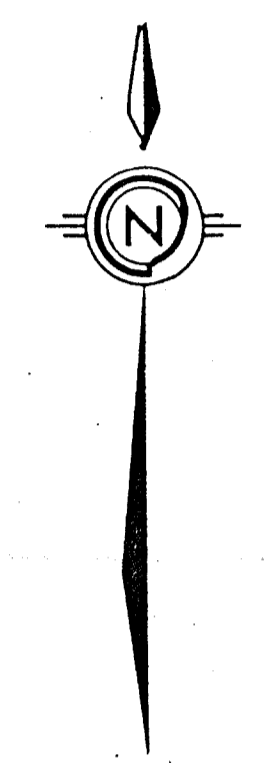
DATE: AUG. 17th 1980
SCALE: 1CM = 25 M.

DRAWN BY: STRATON GEOLOGICAL

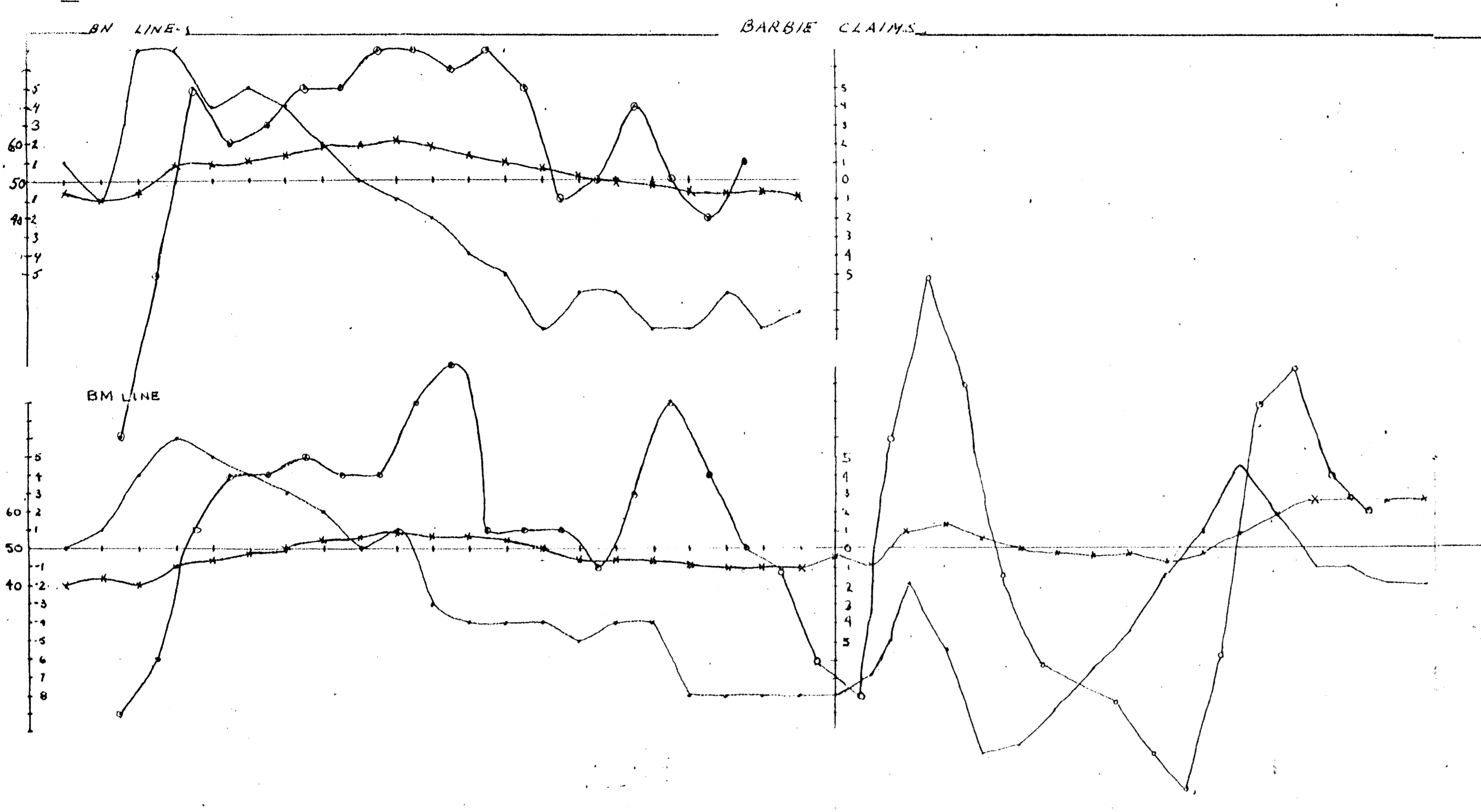
TO ACCOMPANY REPORT BY A. F. ROBERTS, P. ENG. AUG 17/80

LEGEND

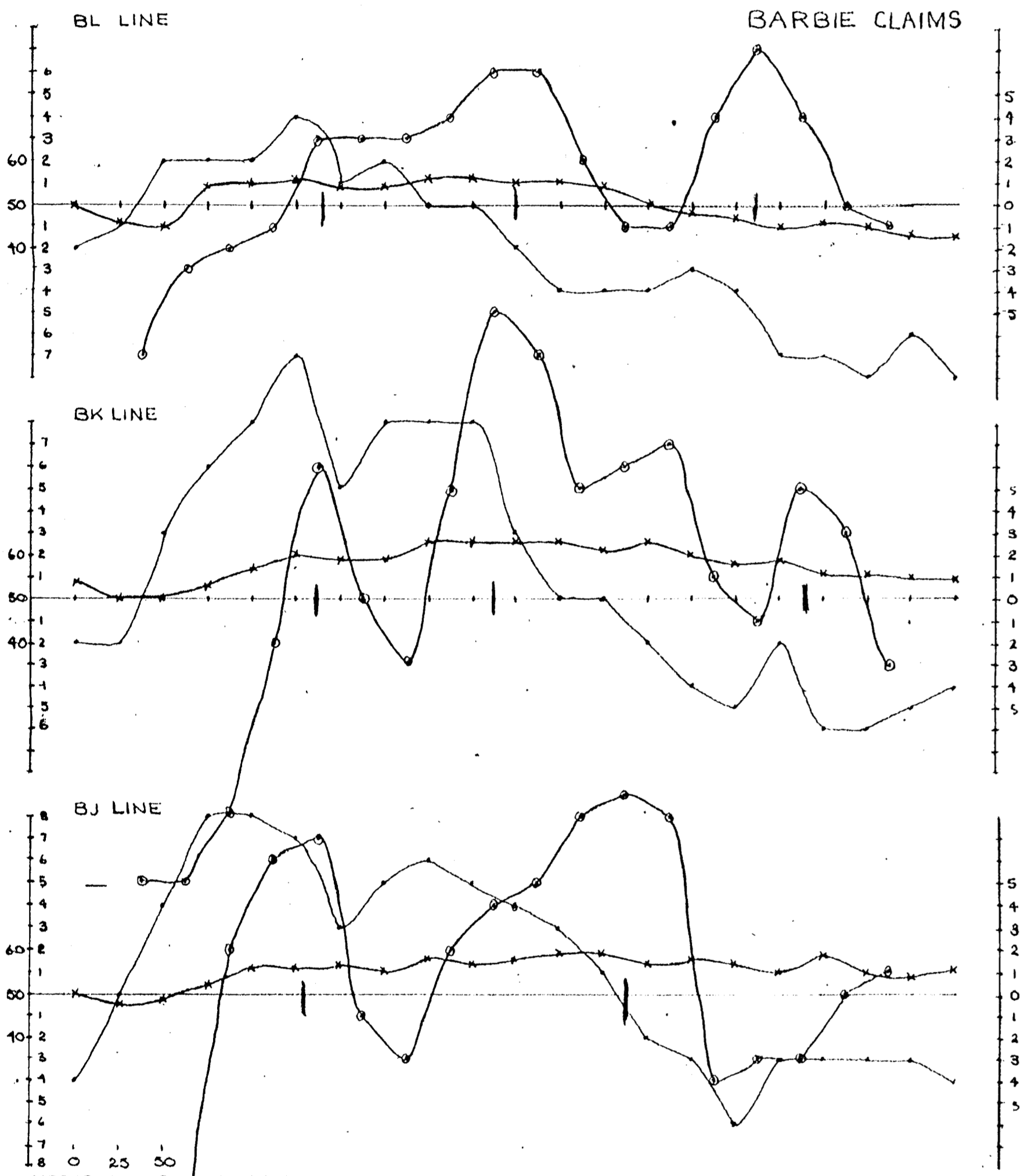
- ROAD ———
- RIVER ———
- SWAMP ———
- NO SAMPLE N.S.
- OUTCROP O.C.
- GOLD ——— P.P.B. Ag, Au
- SILVER ——— P.P.M.



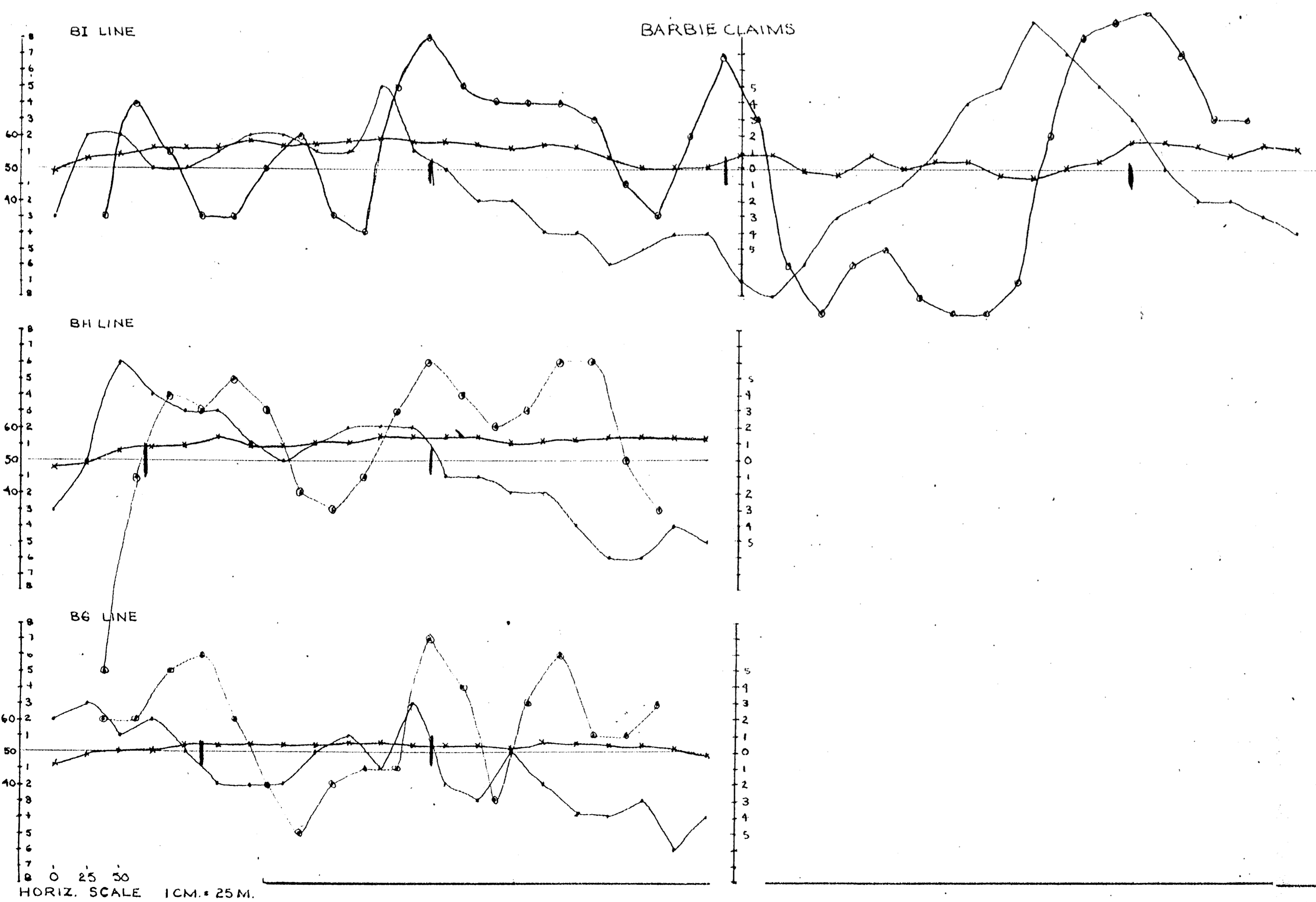
K LCP



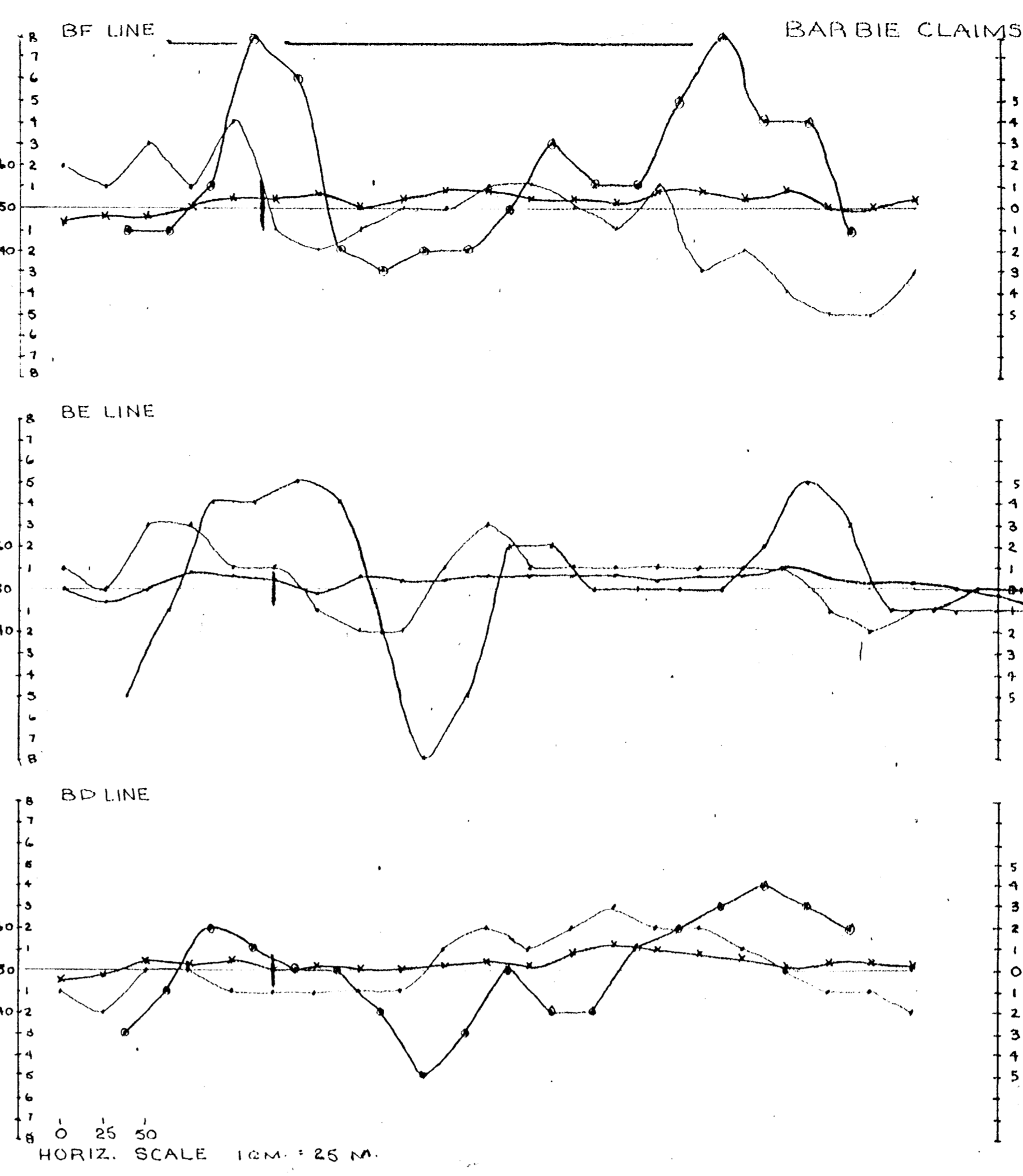
0 25 50
HORIZ. SCALE 1CM = 25 M.



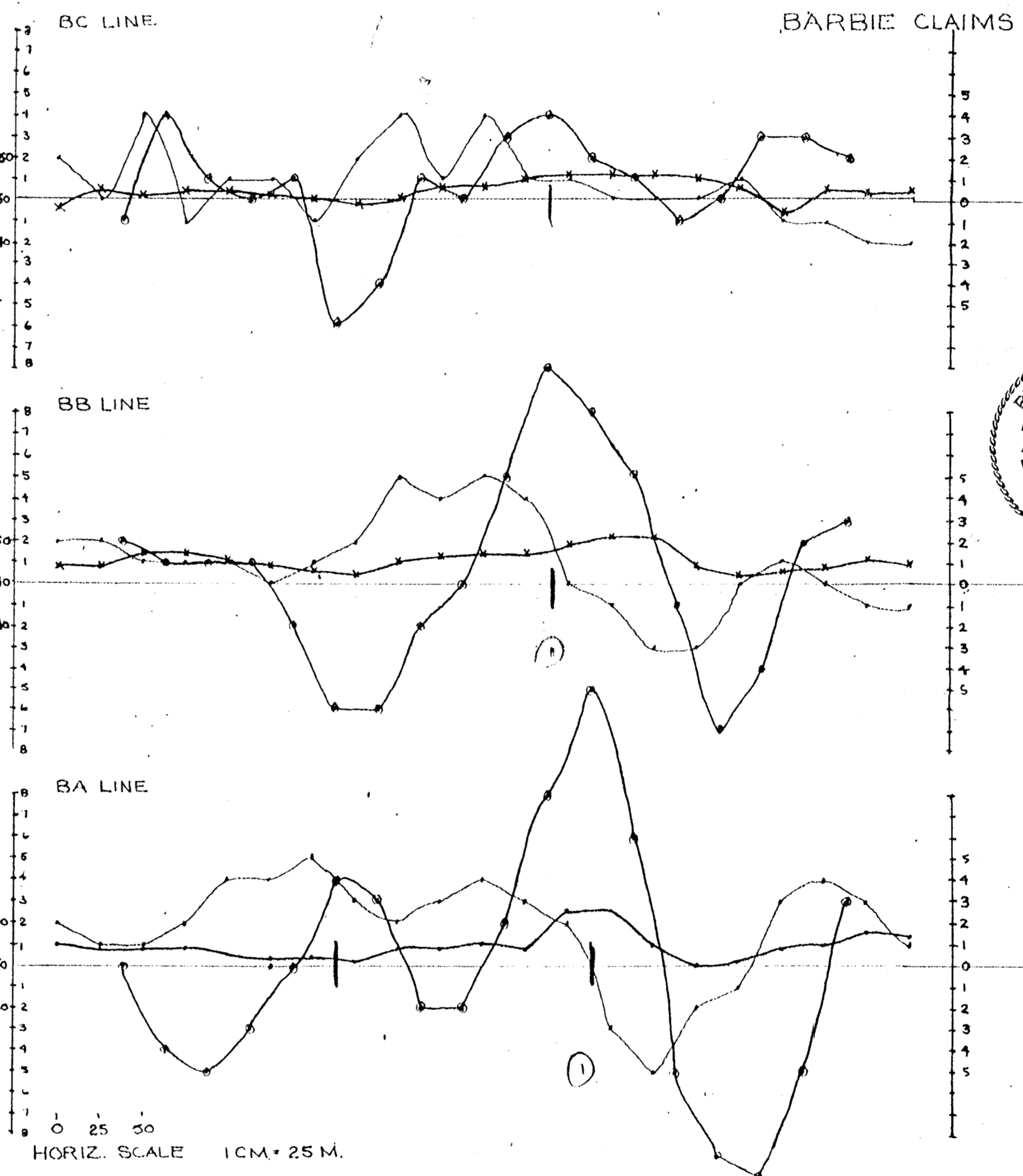
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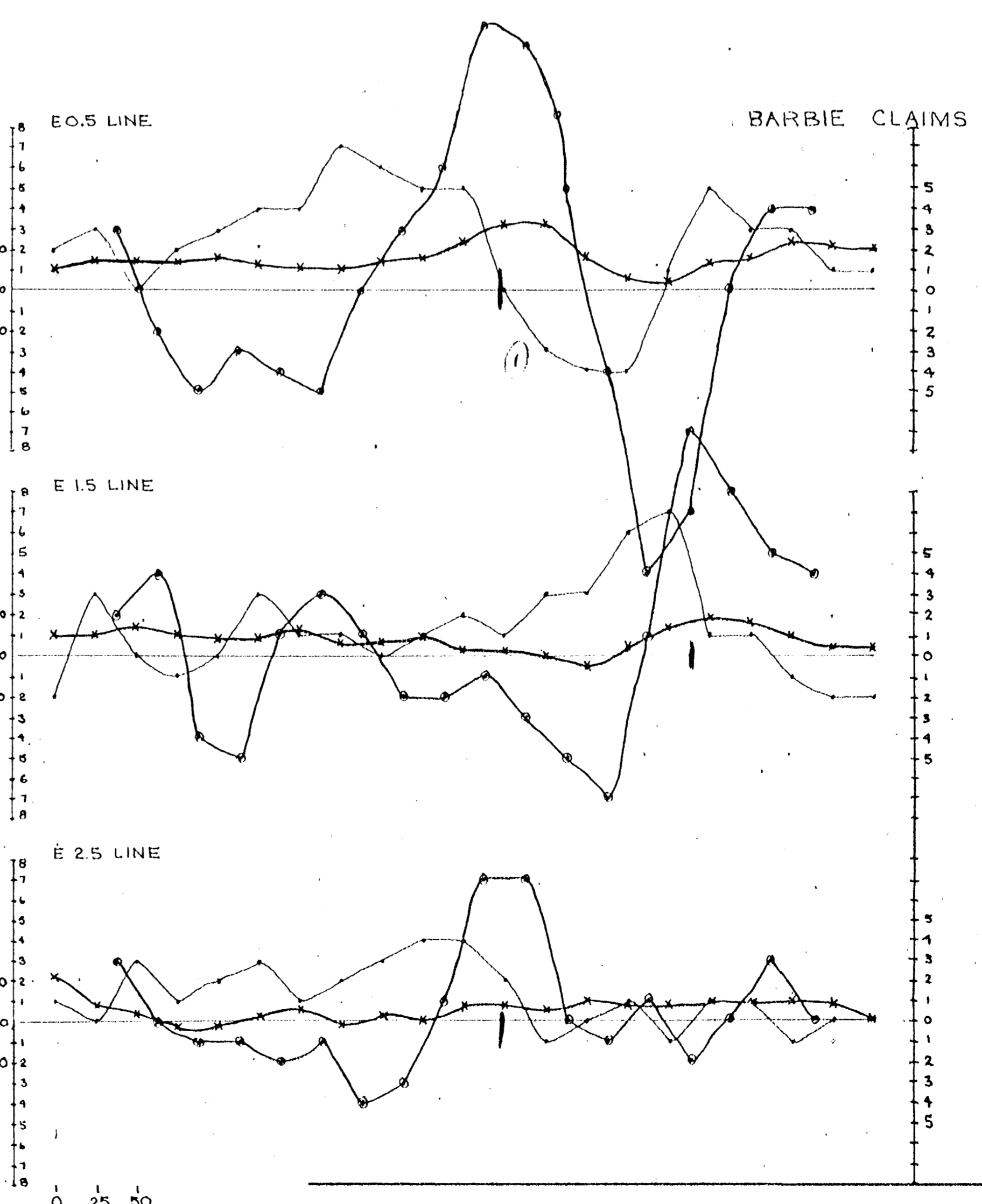
0 25 50
HORIZ. SCALE 1CM = 25 M.



0 25 50
HORIZ. SCALE 1CM = 25 M.



0 25 50
HORIZ. SCALE 1CM = 25 M.



0 25 50
HORIZ. SCALE 1CM = 25 M.

KENNEDY RESOURCES INC.
VANCOUVER B.C.

BARBIE CLAIMS
SKEENA M.D.
NTS 103 F/RE
EM PROFILES
PLATE E1

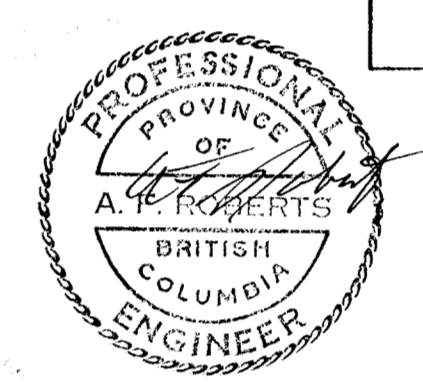
DATE: AUG. 17, 1980
SCALE: 1CM = 25 M.

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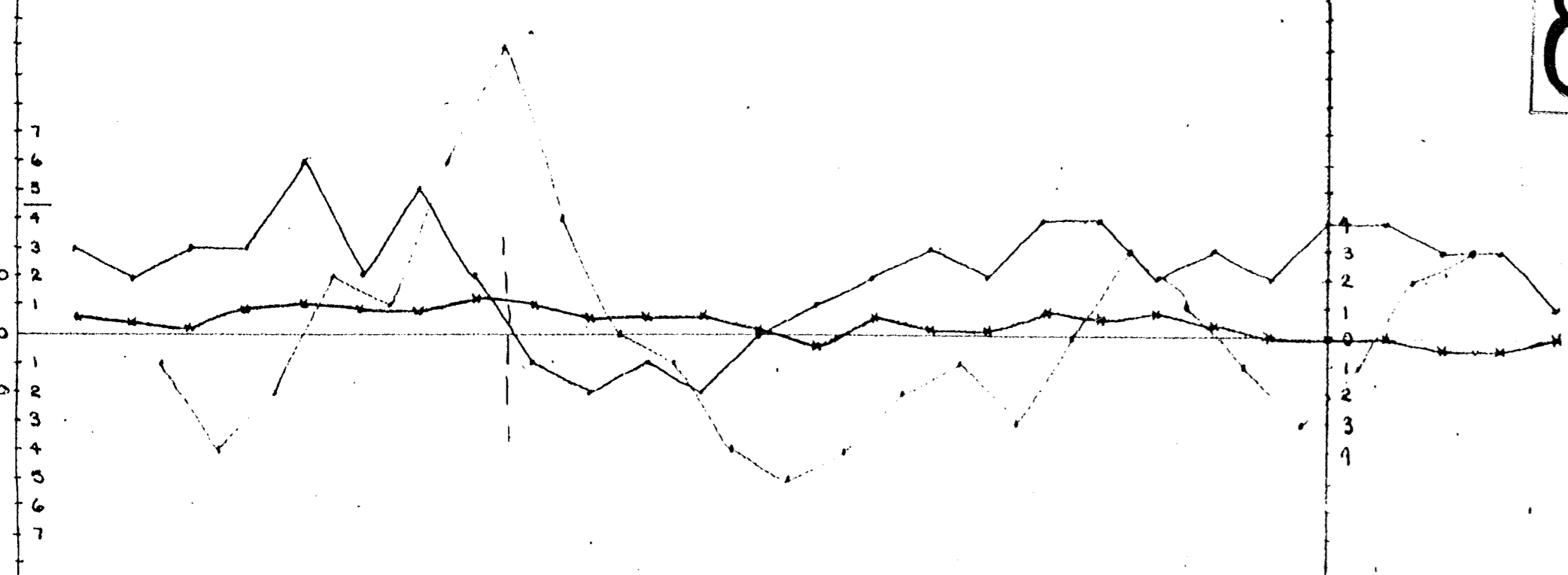
LEGEND
F.S. ————
D.A. ————
FILTER ————

8368

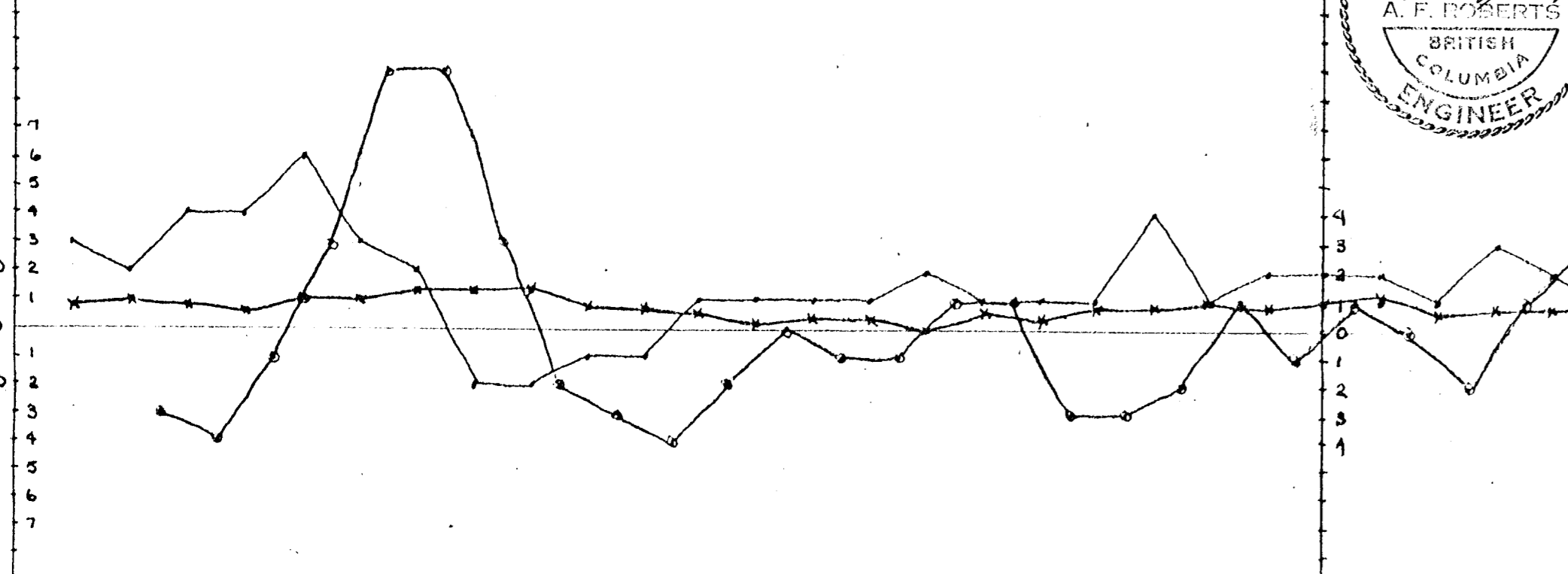


8360

W 15.5 LINE BARBIE CLAIMS

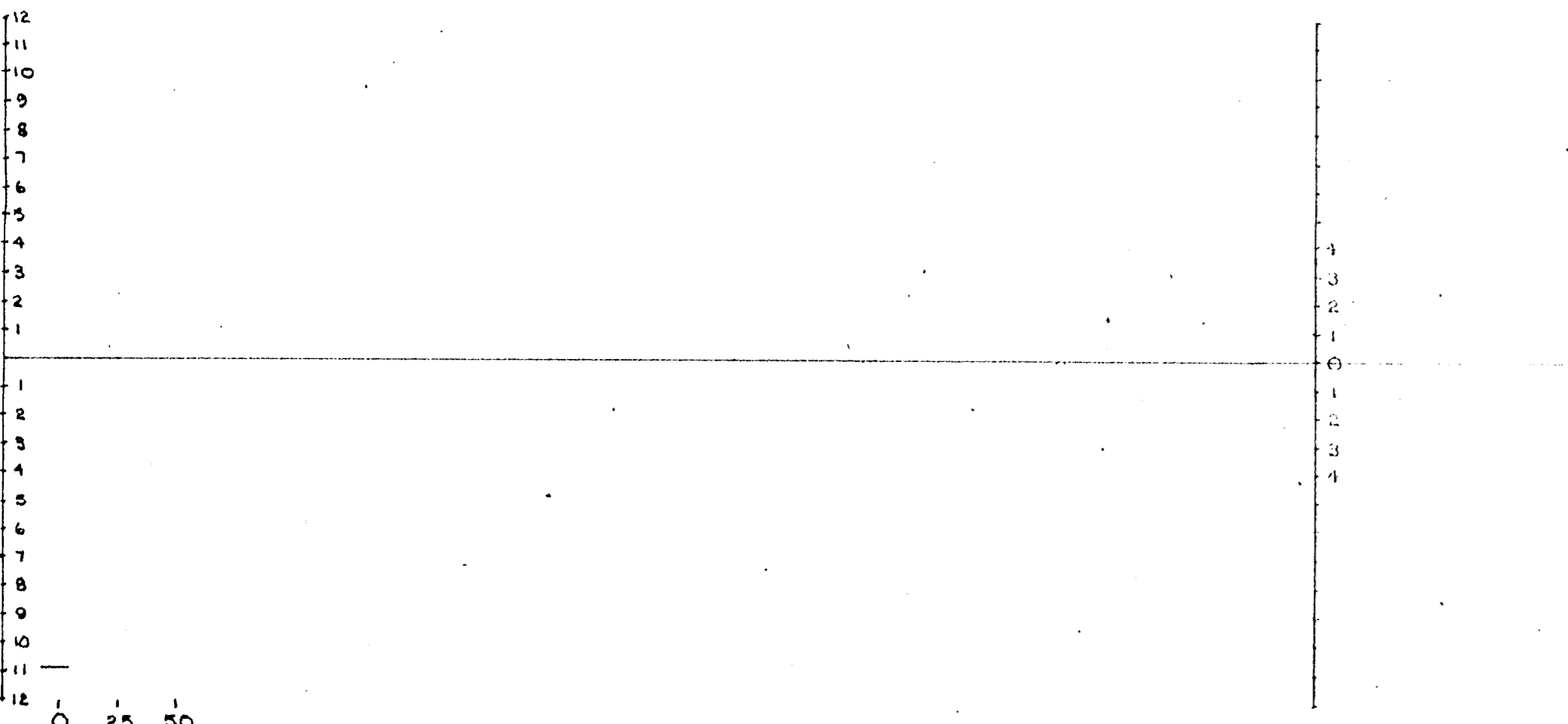
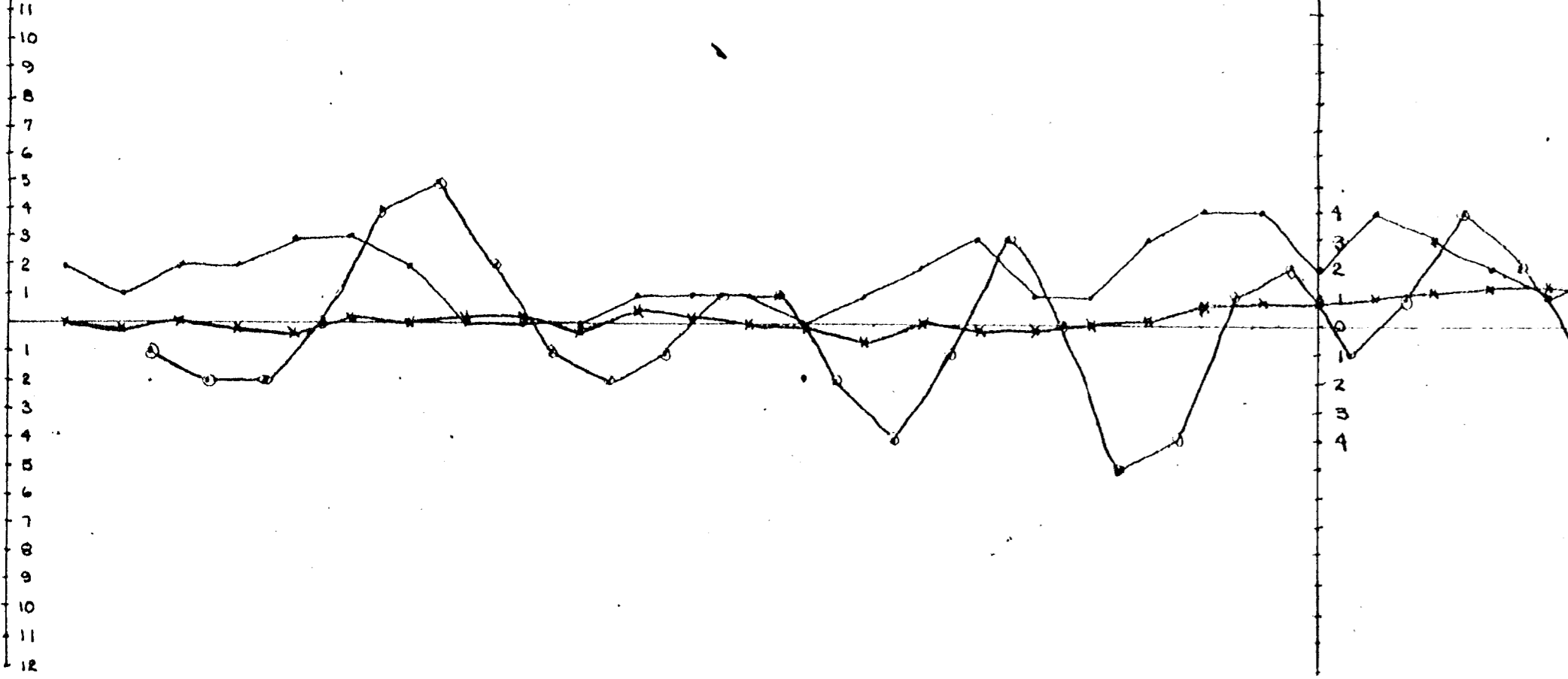


W 16.5 LINE BARBIE CLAIMS



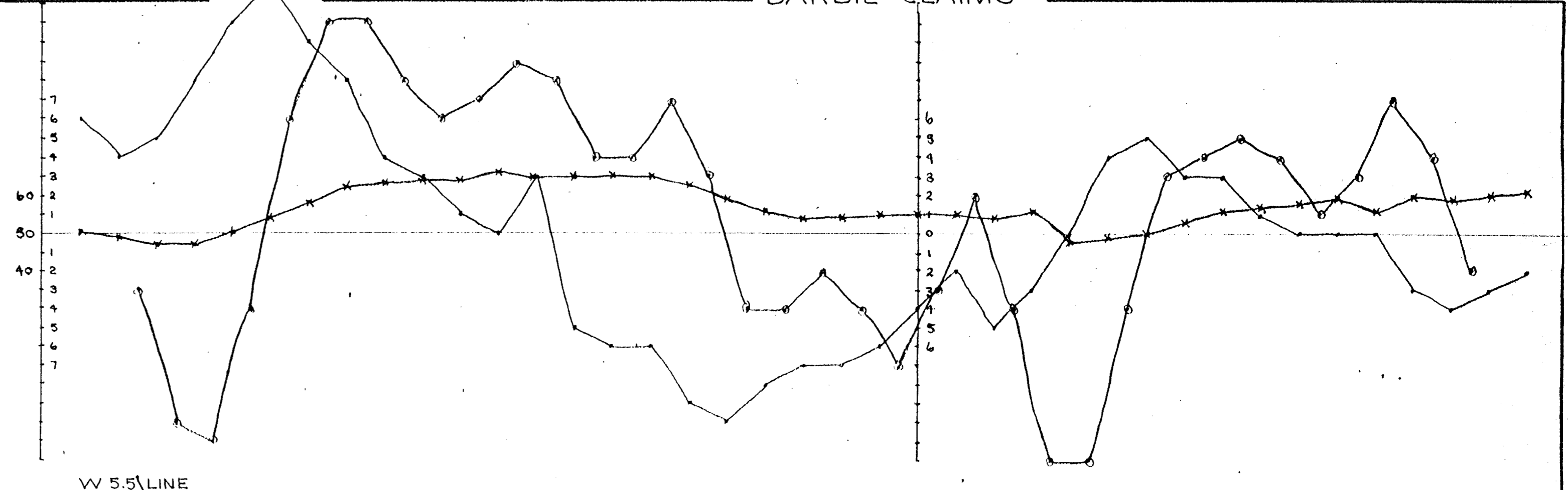
0 25 50
HORIZ. SCALE 1CM.=25 M.

BARBIE CLAIMS

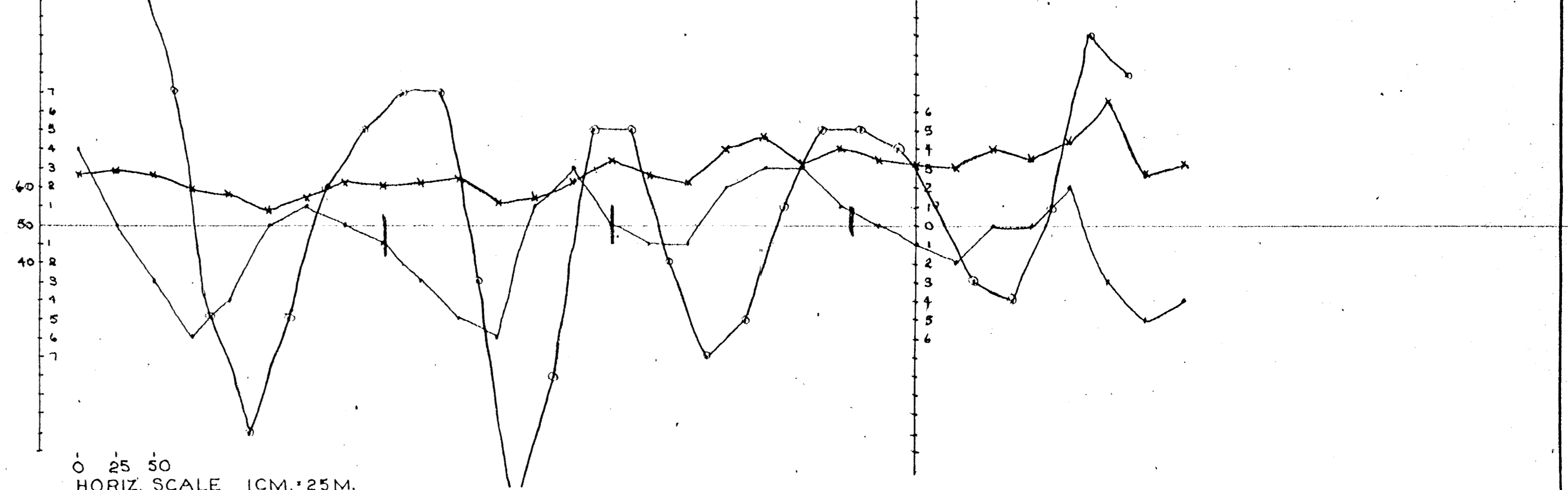


0 25 50
HORIZ. SCALE 1CM.=25 M.

W 4.5 LINE BARBIE CLAIMS

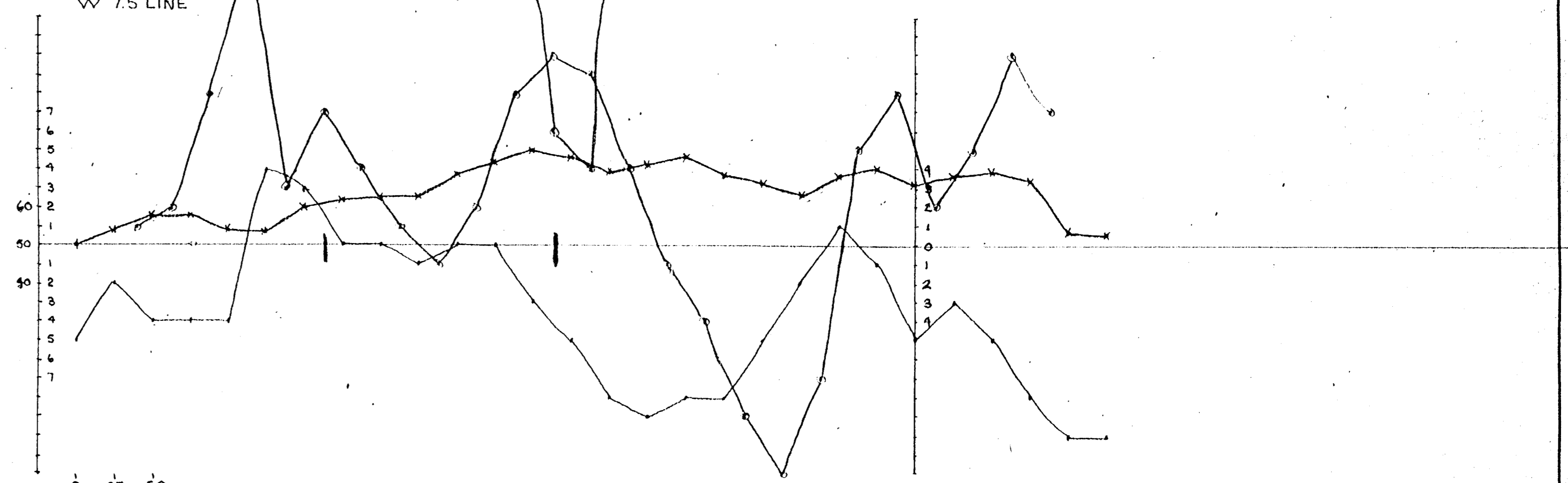
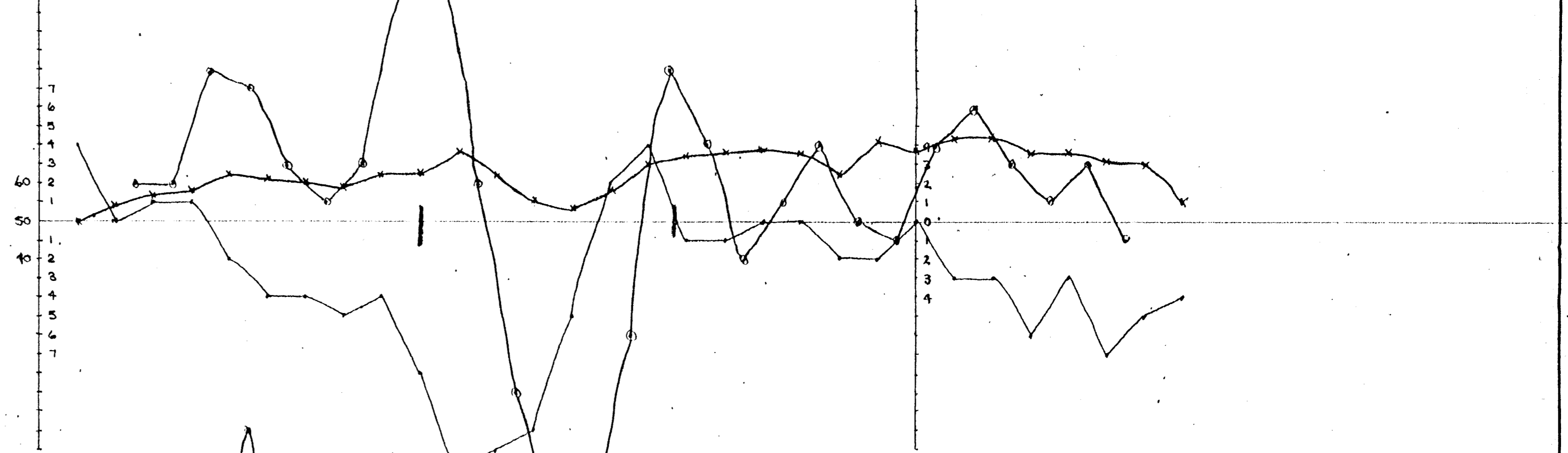


W 5.5 LINE BARBIE CLAIMS



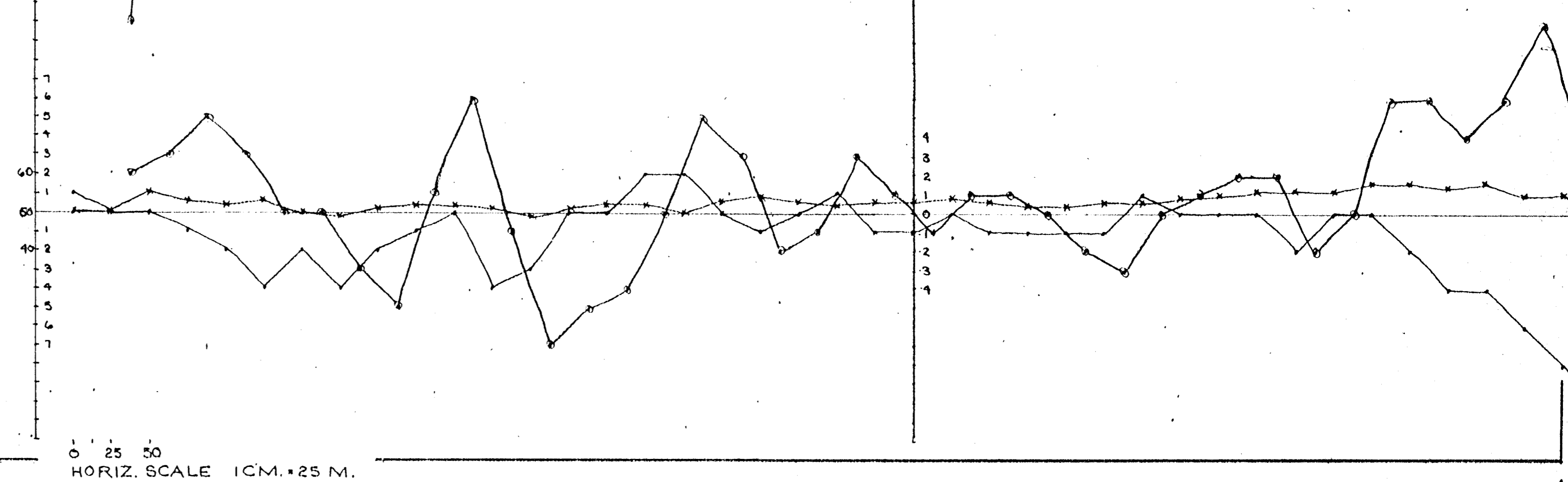
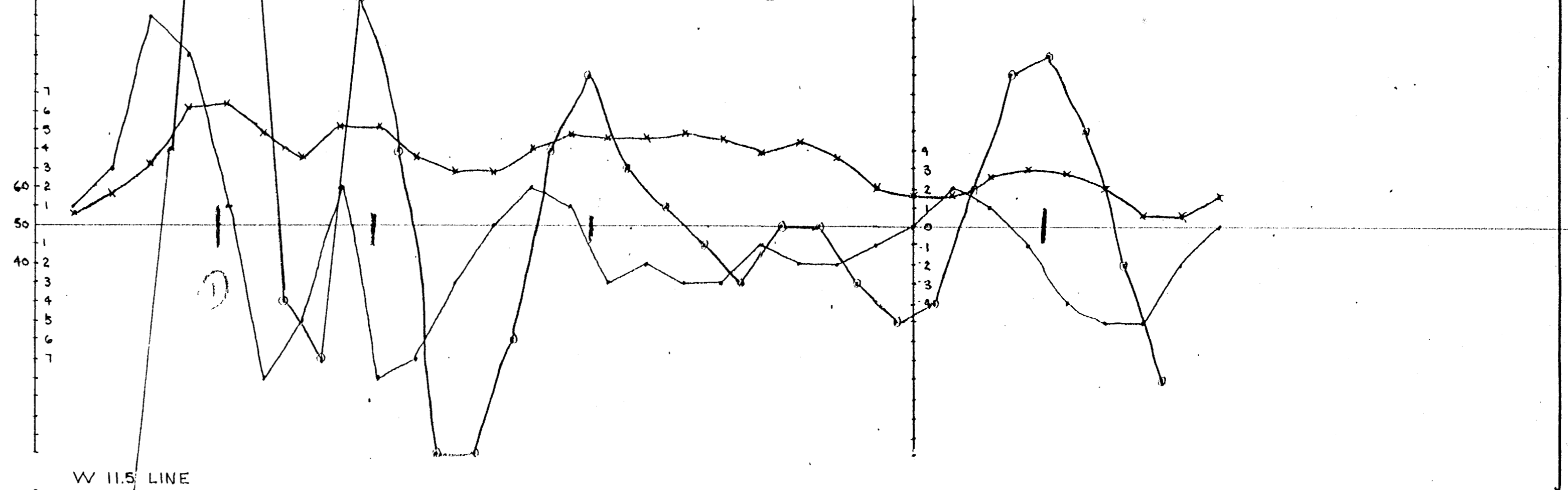
0 25 50
HORIZ. SCALE 1CM.=25 M.

BARBIE CLAIMS



0 25 50
HORIZ. SCALE 1CM.=25 M.

BARBIE CLAIMS



0 25 50
HORIZ. SCALE 1CM.=25 M.

KENNEDY RESOURCES INC.
VANCOUVER B.C.

BARBIE CLAIMS
SHEENA M.D.
NFS 103 F/9E
EM PROFILES
PLATE E3

DATE AUG. 17th 1980
SCALE 1CM. = 25 M.

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LEGEND
F.S. ———
D.A. ———
FILTER ———

