

GEOLOGICAL, GEOCHEMICAL, AND PROSPECTING REPORT

on the

AMAI GOLD GROUP

Includes

AMAI GOLD CLAIM - 6 Units

PHIL MILL GOLD CLAIM - 1 Unit

CACHALOT GOLD CLAIM - 6 Units

NARROWGUT GOLD CLAIM - 4 Units

in

Amai Inlet, Kyuquot Sound, Vancouver Island, British Columbia

N.T.S. 92 L - 3 E and 92 E - 14 E

LAT. 50°00', LONG. 127°06'

ALBERNI MINING DIVISION

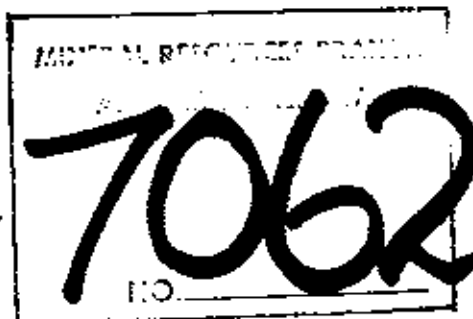
Owner-operator David W. Murphy

by

DAVID W. MURPHY

PROSPECTOR

Vancouver, B.C.



Dated December 15, 1978

TABLE OF CONTENTS

	<u>Page</u>
List of Illustrations	i
Summary	ii
Introduction	1
A. General Statement	1
B. History	3
C. Scope of Program	3
Property	4
Location and Access	6
Field Procedures	8
A. Line & Grid Establishment	8
B. Trails	9
Geology	10
A. Regional Geology	10
B. Local Geology	10
C. Mineralization	11
D. Structure	12
Geochemistry	14
Prospecting	14
Conclusions and Recommendations	15
Reference	16
Map Reference	17

APPENDICES

Appendix A	Statement of Qualifications
Appendix B	Names and Address of Personnel
Appendix C	Statement of Costs
Appendix D	Analytical Procedures
Appendix E	Probability Graph and Histograms for Au
Appendix F	Analytical Results

LIST OF ILLUSTRATIONS

		<u>Page</u>
Figure 1	Detail Claim Map Scale - 1:31,680	5
Figure 2	Location Map and Regional Geology Scale - 1:250,000	7
Figure 3	Geological Map (Local) Scale - 1:5,000	(in pocket)
Figure 4	Physical Work & Topo Map Scale - 1:5,000	(in pocket)
Figure 5	Soil Geochemistry Map Scale - 1:12.5	(in pocket)
Figure 6	No. 1 Adit Scale 1":40'	13

SUMMARY

1) Geologically the property consists of a Bonanza volcanic host intruded by a Jurassic pluton. North-south trending dyke filled shear zones, and numerous quartz veins containing gold bearing sulfides and free gold dominate the known mineralized zones. Anomalous geochemical samples in the volcanics indicate potential in that area.

2) A total of 183 meters of underground drifting was completed in previous years, circa 1938 through 1944. Two examining engineers, W.H. Patmore, and C.M. Campbell concluded the possibility of a mineable property with further due exploration and development. Refer Patmore report of 1944 on file with the Ministry of Mines, Victoria, B.C., and C.M. Campbell's report of 1941 on file with the writer.

3) The 1978 field program completed 4 kilometers of grid over the most northerly portion of the property, and facilitated the gathering of 167 soil and silt samples. 4.5 kilometers of trails were cut and two 3 meter trenches in the area of the No. 2 adit were done. Also included was the underground channel sampling of the No. 1 adit. Results are shown in fig. 6.

INTRODUCTION

A. GENERAL STATEMENT

Work carried out during the 1978 program consisted of property work on the Amai gold claim and reconnaissance prospecting. A total of 4 claims, Amai gold, Cachalot gold, Narrowgut gold and Phil Mill, consisting of 17 units were staked and grouped by the writer, owner and operator, David W. Murphy, Box 142, Vananda, B.C., V0N 3K0. The property will be referred to here as the Amai Gold Group, for convenience.

Work was undertaken during the period March 6, 1978 to November 20, 1978. A field crew of two prospectors was used. For most of the work a semi permanent camp was established on the Phil Mill claim, located on the south side of Amai Inlet, 3.5 kilometers from its mouth, at Kyuquot Sound, Vancouver Island, B.C., Map #92 L 3 E, and 92 E 14 E.

Topography is relatively rough, and is characterized by an east-west trending ridge with steep abrupt sides. Elevations range from 0 meters at tide water to 787 meters at the ridge top. Geological mapping suggests area is fault controlled.

Salal and other underbrush is usually quite thick at the lower elevations, from about 500 meters down to the inlet shore, and make traverses, trail, and grid establishment exceedingly difficult. The weather is mild and wet. Precipitation at Amai Inlet is 100 inches or 250 cm per annum. Little snow falls at tidewater, but considerable falls at elevations above 500 meters. Timber in the area of the claims is Red Cedar, Hemlock, Balsam and in the higher elevations, Yellow Cedar. Tahasis Logging Co. is at present constructing a road, on TL 9576, starting at a creek 700 meters south of Amai Point, located at the mouth of Amai Inlet. The proposed logging road will enter the Cachalot gold claim and Amai gold claim. Presumably the logging operation will not start until the spring of 1979.

B. HISTORY AND PREVIOUS WORK

Previous work on the Amai gold group (shown in fig.1) indicated the existence of high grade lode gold in several paralleling quartz veins, and mafic and felsic dyke filled shear zones containing disseminated pyrite, sphalerite, chalcopyrite and free gold. Two grab samples of the quartz vein material assayed 4.66 Au and 10.18 Au and a sample of the felsic dyke shear zone assayed 0.46.

In 1941 the property was leased by W.H. Patmore and Associates from the owners, J.J. Pugh and Associates, under the name of Fil Mil Mining Partnership of Kyuquot. By 1946 underground development consisted of 3 adits. The lower adit was visited by and sampled by the writer. The upper two adits were inaccessible because of creek debris blocking the adit portals. No production was reported. The mine was subsequently closed.

C. SCOPE OF PROGRAM

The program consisted of grid soil sampling, in place rock geochemistry, prospecting and the attempted rehabilitation of the second and third adit portals, both of which had been covered by several tons of rock and wood debris deposited by creek freshets through the years. Also included in the program was the construction of trails, trenches and underground sampling.

PROPERTY

The claim area encompassed by the current work is shown in figure 1 and listed below:

Amai Gold Group: No. 976 - April 27, 1984

<u>CLAIM NAME</u>	<u>NO. OF UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>	<u>OWNER</u>
Amai Gold	6	152	23 Nov. 1983	D.W. Murphy
Cachalot Gold	6	195	27 Apr. 1984	D.W. Murphy
Narrowgut Gold	4	194	27 Apr. 1984	D.W. Murphy
Phil Mil	1	196	27 Apr. 1984	D.W. Murphy

Checks to the south indicate the DL claims 1 through 4 as shown on fig. 1 are at least 500 meters north west of their true positions.

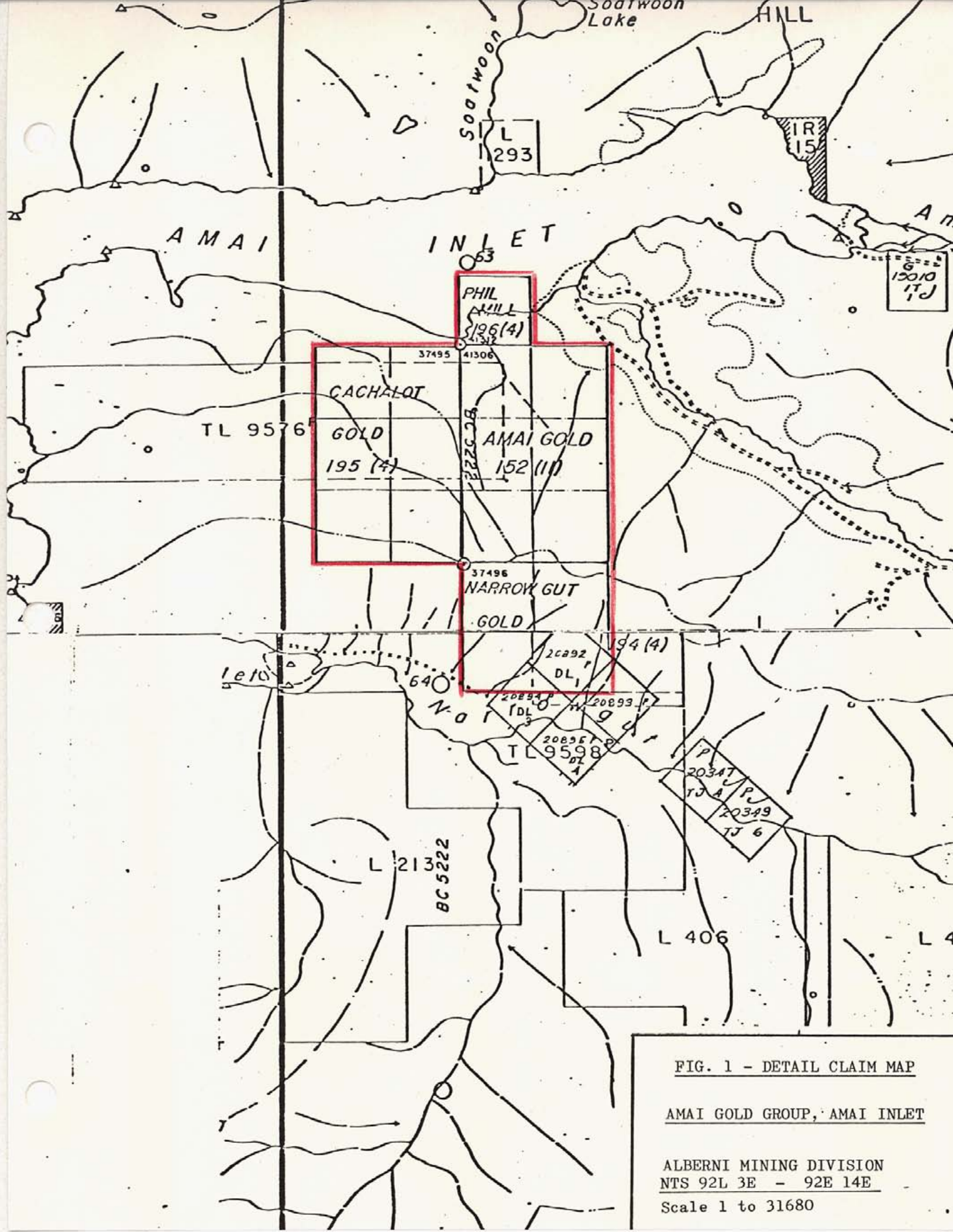


FIG. 1 - DETAIL CLAIM MAP

AMAI GOLD GROUP, AMAI INLET

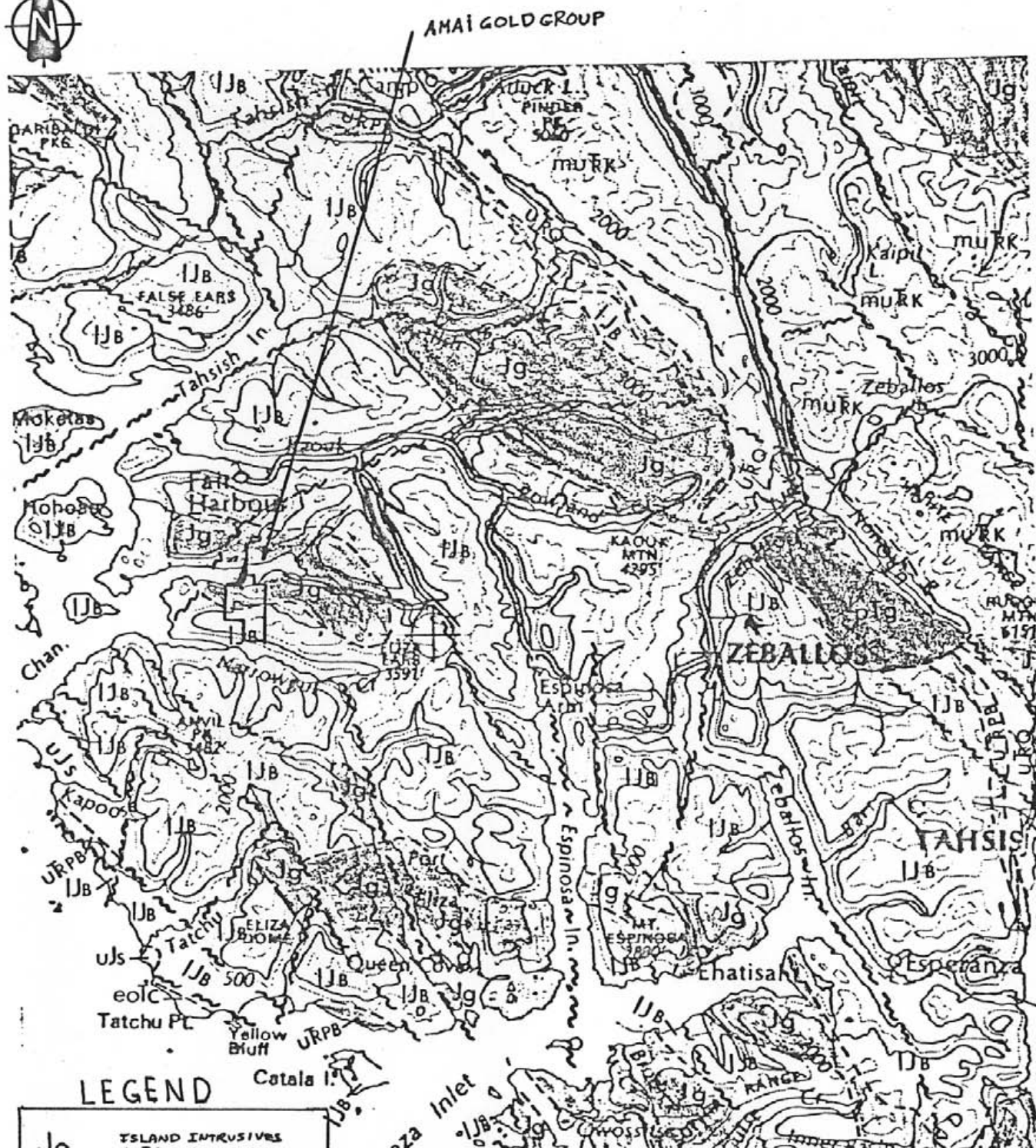
ALBERNI MINING DIVISION
 NTS 92L 3E - 92E 14E

Scale 1 to 31680

LOCATION AND ACCESS

The property, as shown in fig. 2, is located halfway along the south side of Amai Inlet, Kyuquot Sound, Vancouver Island, B.C., Map #92 L 3 E and #92 E 14 E, and covers an area from tidewater, Amai Inlet to Narrowgut Creek to the south.

Island Airlines maintain daily float-plane service to Fair Harbour, north of Amai and will stop at Amai to drop off or pick up passengers. Logging roads connect Fair Harbour to Zebellos, and from Zebellos one can reach Gold River within a two hour drive. At one time a logging road connected Fair Harbour to the head of Amai Inlet, but in recent years the road has been washed out. The writer manages access by chartering boat service from hand-loggers in the area, Mr. L. Plenski of Nanaimo, or Mr. Rick Chidley of Kyuquot.



LEGEND

- Jg ISLAND INTRUSIVES
JURASSIC GRANITE
- IJB JURASSIC VOLCANICS
BONANZA FORMATION
- URPB PARSON BAY FORMATION
SILTSTONE CONGLOMERATE
- eotc CARMANAH FORMATION
SANDSTONE CONGLOMERATE
- URQ QUATSINO FORMATION
LIMESTONE
- M M M CONTACT, FAULT

FIG. 2 LOCATION MAP
REGIONAL GEOLOGY

AMAI INLET, VANCOUVER ISLAND
B.C.

Scale 1:250,000



FIELD PROCEDURES

Geological mapping was facilitated by a photographically enlarged 1:5,000 scale base map #92 L 3 E and #92 E 14 E, constructed from recent air photos from the Ministry of the Environment. Outcrop pattern was plotted on the base map using a combination of the following techniques:

- a) in conjunction with the air photos used to construct the base map which are keyed in by prominent landmarks on the manuscript.
- b) local contours, and
- c) Brunton and chain traverses and grid geology mapping.

A. LINE AND GRID ESTABLISHMENT

Grid lines, from which soil sampling and mapping were done, were laid out using a Silva compass and a 50 meter chain. The baseline was established along the eastern claim line of the Amai Gold Group using the corner post 2 E of Amai gold as BL 00 S. These lines were spaced 100 meters apart continuing due north. Lines are 1,000 meters long and soil samples were taken every 25 meters where applicable. All lines and stations were blazed and marked by red flagging tape.

B. TRAILS

Because of the dense underbrush typical of the coastal regions, trails must be cut out to maintain ease of accessibility to various parts of the claim group. During the season a total of 4.5 kilometers of trail was established on the Amai gold claim, as shown in fig. 4.

GEOLOGY

A. REGIONAL GEOLOGY

The claims are underlain by lower Jurassic volcanics of the Bonanza formation, and intruded by Jurassic granodiorite. The pinkish granodiorite encircles Amai Inlet and can be followed for 5 kilometers to the southeast from tidewater to Eliza's Ears. This zone of intrusive granites is approximately 7 kilometers in diameter. The Bonanza volcanics of the area are black to green volcanic flow material, of fine grained andesitic and basaltic composition. The volcanic contact to the southwest of the Amai Gold Group dips steeply to the west.

B. LOCAL GEOLOGY

On the Amai gold claim there are a number of shear-zones, dykes and quartz veins in the granodiorite, generally striking to the east of north 20° and dipping steeply to the east 65° to 70° . The shear zones have been replaced by felsic and mafic dykes both of which carry auriferous pyrite and free gold. At an elevation of approximately 467 meters an existing adit drifted on the felsic dyke for 30 meters. At 11 meters from the adit portal a crosscut was driven for 9 meters until it cut a dark mafic dyke containing some quartz along the hanging wall. This showing has been drifted on for an

additional 33 meters (as shown in fig. 6). This work had been done in the 1940's. The writer systematically sampled both the felsic and mafic dykes. The possibility of uncovering hidden veins and dykes on the property exists.

Work along the Amai gold claim's western boundary uncovered a large amount of porphory float - further work will be warranted in this area to the south. Another shear zone in the volcanics containing sulfides in the fractures, was also sampled. Silt and rock geochem west of the volcanic contact at 12.50 S - 10.35 W indicate the possibility of larger tonnages, lower grades in the host, because of the fracture sustaining nature of these rocks. One rock sample from the area showed disseminated pyrite assaying 0.05 Au, and a creek silt sample assaying 2200 ppb gold, as shown in fig. 5.

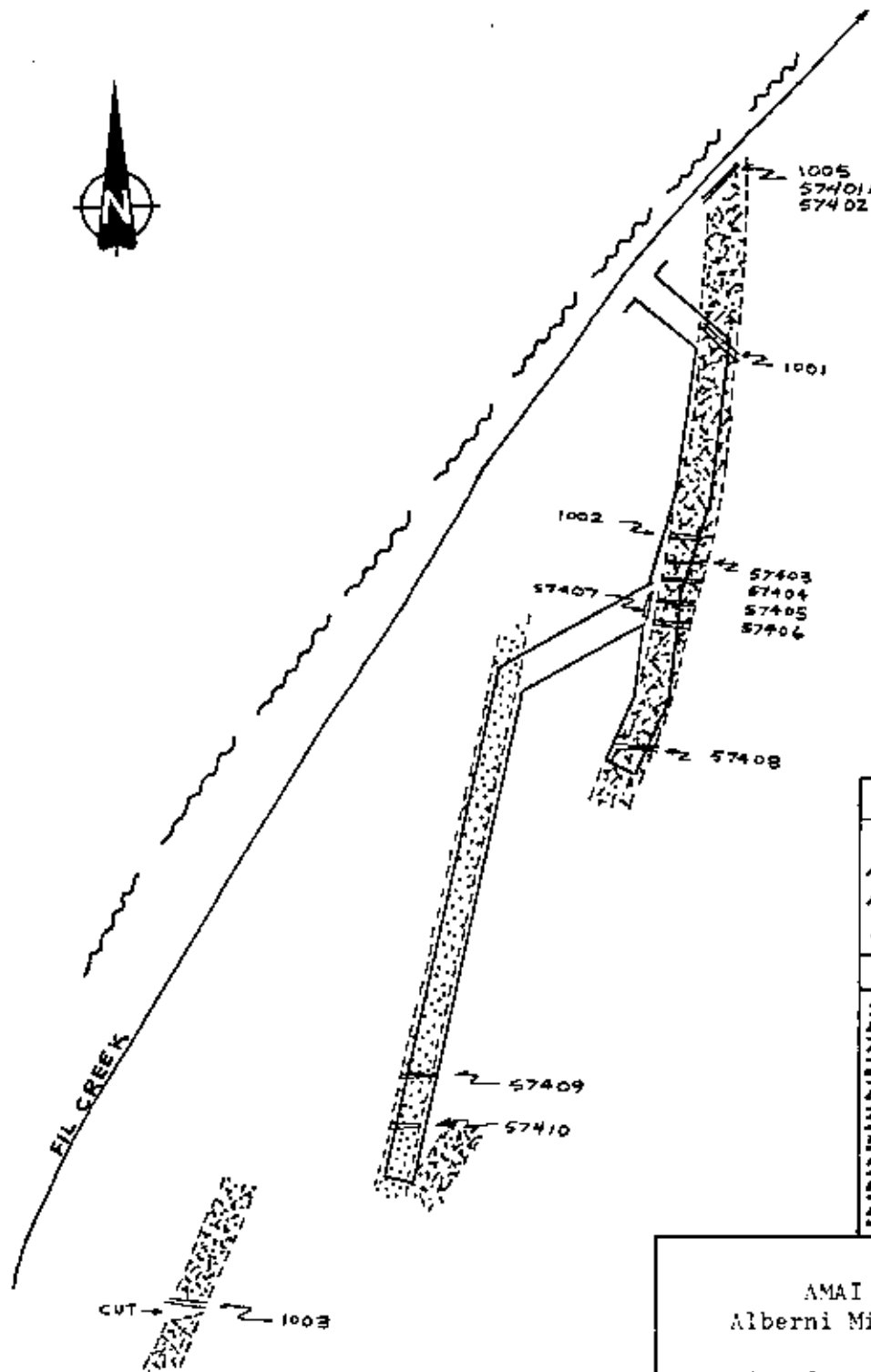
C. MINERALIZATION

The mineralization observed so far consists of pyrite, the most abundant, black sphalerite, sparse chalcopyrite, and free gold. The writer notes the existence of tellurides, but the species have not yet been identified. The visible gold (v.g.) seen so far has been hosted by pure white non-porous quartz, and in areas of brown oxidized pyrite, as well as adhered to the faces of black sphalerite crystals. Much of the v.g. is crystalline, and specimens of v.g. collected so far range in size

from microscopic to grains the size of a small pea. Other minerals observed are mainly quartz, chlorite and sericite. Also magnetite is found in dioritic phase of the granodiorite.

D. STRUCTURE

Structure is characterized by faulting in north south trending zones now occupied by several dykes. A felsic and a mafic dyke roughly parallel each other along the main fault, where previous development work was concentrated. The main vein displays the greatest strength within the shear zone and persists for several hundred meters. In the most northerly Fil creek zone, the shearing is confined to the felsic dyke as a host, where to the south, the zone is related to quartz veining between the dykes, and in the most southerly, in the mafic dyke itself. Further exploration will enhance this picture.

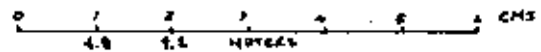
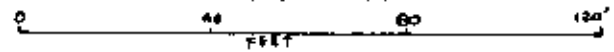


No.	WIDTH CM.	GOLD OZ. PER TON
1001	100	0.088
1002	80	0.906
1003	100	0.898
1005	100	0.246
No.	WIDTH CM.	GOLD P.P.B.
57401A	100	>10,000
57402	60	3100
57403	60	2550
57404	60	4350
57405	60	4200
57406	40	220
57407	80	5650
57408	40	90
57409	40	70
57410	40	20

AMAI GOLD GROUP
Alberni Mining Division

Fig. 6 No. 1 Adit
insert from Fig 4

scale 1:480



- MAFIC DYKE
- FELSIC DYKE
- FAULT

GEOCHEMISTRY

Soil samples were taken from the B horizon using a grub-hoe. Depths to the B horizon ranged from 5 to 50 cm and averaged 15 cm. Samples were placed in a kraft paper envelope and a standard sheet for soil type and site information was filled in by the sampler. Analysis was done by Chemex Labs Ltd. and their analytical procedures are outlined in Appendix D. Qualifications of the personnel taking part in the survey are listed in Appendix B. The results of the soil sampling are shown in fig. 5.

Interpretation was based on a threshold value which can be defined as the specific value that effectively separates high and low results that are of fundamentally different character.

PROSPECTING

Prospecting was basically confined to the Amai Gold Group. Outcrop pattern is shown in fig. 3. Location of samples with corresponding assay results is shown in fig. 4. A total of 48 man days were spent during investigation on the Amai gold claim.

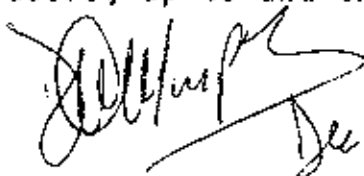
CONCLUSIONS AND RECOMMENDATIONS

High grade lode gold veins and dykes on the Amai gold claim indicated by rock and soil geochemistry exhibit strength and pronounced values to warrant further development and exploration work in the Fil creek gold zone.

Anomalous silt and rock samples from the Bonanza volcanics, so far confined to within 100 meters of the intrusive pluton, would substantiate the necessity for increased exploration and geochem in that area.

Future programs should include:

- a) a limited program of diamond drilling for structural and stratigraphic data, to test continuity of surface showings at depth.
- b) follow-up prospecting and trenching in areas of high geochem anomalies along Amai grid.
- c) 10 kilometers of extended and fill-in soil sampling and creek sampling.
- d) the rehabilitation and systematic underground channel sampling of the second and third adits.
- e) further road construction along Tahsis Logging Co. logging road, in TL9576, up to and through the Amai Gold Group.


Dec 18, 1978

REFERENCE

Reports of Minister of Mines, British Columbia -

1946: pp 177 - 8

1947: p 180

1955: p 78

Muller, Northcote and Carlisle, Geology and Mineral Deposit
of Alert Bay - Cape Scott Map Area - Paper 74-8,
Geological Survey of Canada, 1974 - p 59

W.H. Patmore Report - On file with Minister of Mines, Victoria,
British Columbia

MAP REFERENCE

Map 4-1974, Alert Bay - Cape Scott, (Geol.), Sc. 1:250,000 -
Accomp. paper 74-8, Geological Survey of Canada,
1974.

Mines and Mineral Occurences of Alert Bay - Cape Scott Area,
Sc. 1:250,000, Fig 15 - Accomp. paper 74-8,
Geological Survey of Canada, 1974.

Map 92 1 3 E, 92 E 14 E, Kyuquot (Topo.), Sc. 1:50,000.

Map 1736 G, Kyuquot, (Aeromag.), Sc. 1":1 mile.

APPENDIX A

STATEMENT OF QUALIFICATIONS

and

APPENDIX B

NAMES AND ADDRESSES OF PERSONNEL

STATEMENT OF QUALIFICATIONS

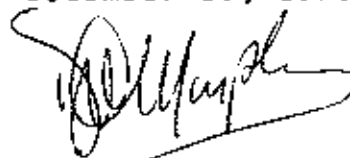
A. DAVID W. MURPHY

I, David W. Murphy, of Vananda, British Columbia, hereby certify that:

1. I have worked continuously in mineral exploration since 1972.
2. I have worked in Open Pit mining operations for two years (1971 - 2).
3. I have been trained in the correct procedures for soil and silt geochemistry while working in mineral explorations for seven years.
4. I have completed the Chamber of Mines prospecting course in 1976.
5. This report is based on personally working and supervising the geochemical work on the Amai Gold Group in 1978.

Dated at Vancouver, B.C.

December 15, 1978.



David W. Murphy

B. PHILIP L. MURPHY

Mr. Philip Murphy is a prospector with two seasons field experience.

NAMES AND ADDRESSES OF PERSONNEL

D.W. Murphy	Box 142, Vananda, B.C., VON 3K0
P.L. Murphy	323 Semlin Drive, Vancouver, B.C., V5L 4H9

APPENDIX C

STATEMENT OF COSTS

SUMMARY

Total Wages	\$7,650.00
Food and Accomodation	1,019.01
Transportation	1,922.09
Instrument Rental	496.00
Geochem Analyses	627.50
Report Preparation and Reproduction	500.00
Equipment, Goods, and Miscellaneous	3,409.55
Maps and Publications	<u>272.03</u>
	<u>\$15,896.18</u>

APPLIED WORK AS FOLLOWS

Physical work	\$9,619.00	Applied	\$ 8,500.00
Geochemical work	6,277.18	Applied	\$ 3,400.00

AMAI GOLD GROUP

Amai Gold Claim	6 units	5 years
Narrowgut Gold Claim	4 units	5 years
Cachalot Gold Claim	6 units	5 years
Phil Mill Gold Claim	1 unit	5 years

STATEMENT OF COSTS

WAGES

<u>Name</u>	<u>Nature of Work</u>	<u>Dates Worked</u>	<u>Total Days</u>
D.W. Murphy	Prospecting & Field Geology	Mar. 11,14,15,17,18,21,22,23 Apr. 13,14,15,18,21,22,23,24 Oct. 15,16,17,18,19,20,28 Nov. 1	24
P.L. Murphy	Prospecting & Field Geology	Mar. 11,14,15,17,18,21,22,23 Apr. 13,14,15,18,21,22,23,24 Oct. 15,16,17,18,19,20,28 Nov. 1	24
D.W. Murphy	Physical - Trails & Trenches	March 12,13,16,20 Apr. 16,17,19,20 Oct. 25,26	10
P.L. Murphy	Physical - Trails & Trenches	Mar. 12,12,16,20 Apr. 16,17,19,20 Oct. 25,26	10
D.W. Murphy	Travel - Truck Driving & Supply Pick-up	Mar. 8,9,10 Apr. 11,12,25 Oct. 13, 14 Nov. 2	9
P.L. Murphy	Travel - Truck Driving & Supply Pick-up	Mar. 8,9,10 Apr. 11,12,25 Oct. 13,14 Nov. 2	9
D.W. Murphy	Geochemical - Silt & Soil Sampling	Oct. 21,22,23,23,27,29,30,31	8
P.L. Murphy	Geochemical - Silt & Soil Sampling	Oct. 21,22,23,24,27,29,30,31	8

TOTAL WAGES - 102 days at \$75.00 per day = \$7,650.00

FOOD AND ACCOMODATION

<u>Place</u>	<u>Dates</u>	<u>Rate per Day</u>	<u>Cost</u>
Town Centre Motel, Campbell River	Apr. 24 Nov. 2	2 days @ \$29.29	\$58.98
Gold River Chalet, Gold River	Oct. 12	1 day @ \$27.30	27.30
Haida Inn, Campbell River	Mar. 9	1 day @ \$27.30	27.30
Travelodge, Campbell River	Mar. 23	1 day @ \$28.45	<u>28.45</u>
			\$142.03
<u>Meals</u>			285.97
<u>Groceries - during investigation</u>			<u>591.01</u>
			<u>\$1,019.01</u>

TRANSPORTATION

	<u>Dates</u>	<u>Rates</u>	<u>Cost</u>
B.C. Ferry Corp.	Mar.8, Apr.26, Oct.10	3 trips @ \$12.00	\$ 36.00
	Oct.1,3, Nov.5,5	4 trips @ \$10.00	40.00
	Mar.24, Oct.15	2 trips @ \$15.00	30.00
	Apr.12	1 trip @ \$16.00	16.00
Boat Charter			
Mr. L. Plenski	Mar.11,23, Apr.12,24	4 trips @ \$50.00	200.00
	Oct.12	1 trip @ \$30.00	30.00
Mr. R. Chidley	Nov.2	1 trip @ \$50.00	50.00
Vancouver Island Coach Lines	Mar.29,29, Feb.9	3 trips @ \$ 9.50	28.50
	Nov.18	1 trip @ \$ 6.60	6.60
Truck Rental			
3/4 ton 4X4	Mar.1 to 31	71 days @	1,145.08
	Apr.10 to 26	\$500.00 per month	
	Oct.12 to Nov.5		
Fuel			
Gas			310.27
Oil			15.19
Naptha			<u>14.45</u>
TOTAL TRANSPORTATION			<u>\$1,922.09</u>

INSTRUMENT RENTAL

Gas Power Saw - 62 Days @ \$8.00 per day \$ 496.00

GEOCHEM ANALYSES

167 soil samples analysed for Au @ \$3.00 per sample
- Invoice #28855 \$ 500.00

Soil preparation - 167 @ \$.50 per sample 83.50

Rock Geochem:

General Testing Labs - 3 @ \$6.00, prep. \$1.00 19.00

Chemex Labs - 5 @ \$5.00 (Invoice #29125) 25.00

\$ 627.50

REPORT PREPARATION & REPRODUCTION

Drafting, typing & reproduction \$ 500.00

EQUIPMENT, GOODS AND MISCELLANEOUS

Compasses, flagging, gold pans, sample bags, camp gear,
tent, tent frame and equipment 2,423.93

Equipment parts and repairs 985.62

\$3,409.55

MAPS AND PUBLICATIONS

\$ 272.03

APPENDIX D

ANALYTICAL PROCEDURES

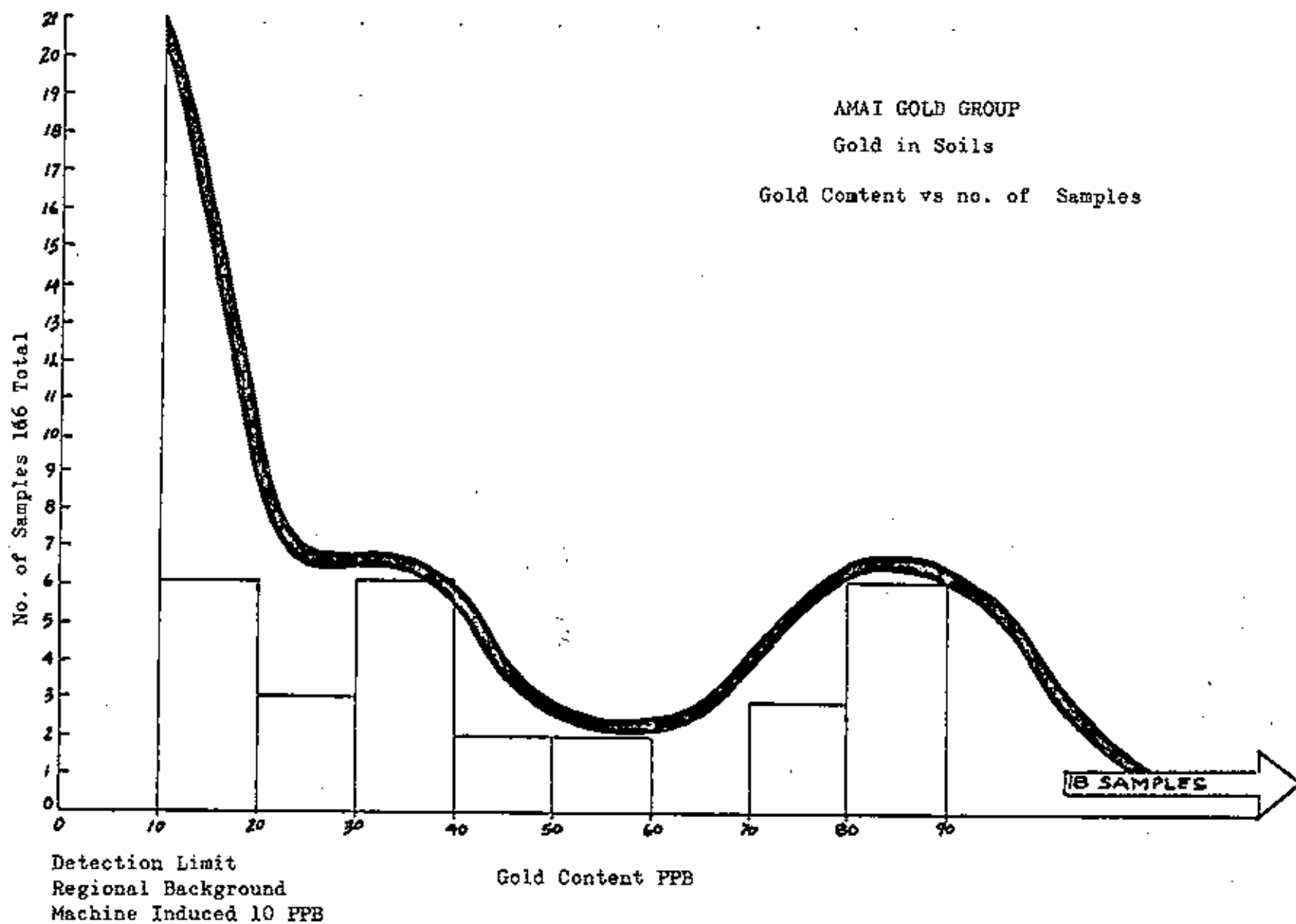
APPENDIX E

PROBABILITY GRAPH AND HISTOGRAMS FOR AU

AMAI GOLD GROUP

Gold in Soils

Gold Content vs no. of Samples



APPENDIX F

ANALYTICAL RESULTS

Gold Assay - Fire Assay Method:

0.5 Assay ton sub-samples are fused in litharge, carbonate and silicious fluxes. The lead button containing the precious metal is cupelled in a muffle furnace. The au alloy is parted, annealed and weighed as Au. Results reported in Oz/Ton.

Gold Geochem

5 gm sample is ashed @ 800°C for one hour, digested with aqua regia - twice to dryness - taken up in 25% HCl⁻, Au extracted as the bromide into MIBK and analyzed via AA. Results reported as PPB.



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: David Murphy
 1865 W. 12th Ave.,
 Vancouver, B.C.

CERTIFICATE NO. 46554
 INVOICE NO. 29145
 RECEIVED Nov. 24/78
 ANALYSED Nov. 29/78

ATTN:

SAMPLE NO. :	PPB Gold
BL OOS-00W	< 10
L OOS-0.25W	< 10
0.50	20
0.75	50
1.00	10
1.25	< 10
1.50	40
1.75	290
2.00	< 10
2.25	10
2.50	< 10
2.75	< 10
3.00	< 10
3.25	< 10
3.50	< 10
3.75	< 10
4.00	< 10
4.25	< 10
4.50	< 10
4.75	< 10
5.00	< 10
5.25	< 10
5.50	20
5.75	20
6.00	< 10
6.25	< 10
6.50	< 10
6.75	80
7.00	< 10
7.25	< 10
7.50	< 10
7.75	< 10
8.00	< 10
8.25	< 10
8.50	< 10
8.75	50
LOOS 9.00W	< 10
BLIS 00W	120
LIS 0.25W	< 10
LIS 0.50W	360



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *George T. Anderson*



CHEMEX LABS LTD.

272 BROOKBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO: David Murphy
 1865 W. 12th Ave.,
 Vancouver, B.C.

CERTIFICATE NO. 46561
 INVOICE NO. 29145
 RECEIVED Nov. 24/78
 ANALYSED Nov. 29/78

ATTN:

SAMPLE NO. :	PPB Gold
L1S 0.75W	80
1.00	3400
1.25	40
1.50	< 10
1.75	< 10
2.00	4600
2.25	460
2.50	< 10
2.75	< 10
3.00	< 10
3.25	< 10
3.50	< 10
3.75	20
4.00	< 10
4.25	< 10
4.50	60
4.75	400
5.00	< 10
5.25	< 10
5.50	< 10
5.75	< 10
6.00	< 10
6.25	< 10
6.50	< 10
6.75	< 10
7.00	40
7.25	< 10
7.50	< 10
7.75	< 10
8.00	< 10
8.25	10
8.50	220
8.75	40
9.00	10
9.25	< 10
9.50	< 10
9.75	< 10
L1S 10.00W	< 10
BL2S 00W	< 10
L2S 0.25W	< 10



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

D. F. Hudson



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Mr. David Murphy
 1865 W. 12th Ave.,
 Vancouver, B.C.

CERTIFICATE NO. 46562
 INVOICE NO. 29145
 RECEIVED Nov. 24/78
 ANALYSED Nov. 29/78

ATTN:

SAMPLE NO. :	PPB Gold
L2S 0.50W	20
0.75	< 10
1.00	< 10
1.25	< 10
1.50	220
1.75	480
2.00	40
2.25	< 10
2.60	< 10
2.75	< 10
3.00	140
3.25	< 10
3.50	150
3.75	< 10
4.00	100
4.25	< 10
4.50	< 10
4.75	< 10
5.00	< 10
5.25	< 10
5.50	220
5.75	< 10
6.00	< 10
6.25	20
6.50	< 10
6.75	30
7.00	< 10
7.25	10
7.50	< 10
7.75	60
8.00	< 10
8.25	140
8.50	< 10
8.75	< 10
9.00	< 10
9.25	< 10
9.50	< 10
9.75	< 10
L2S 10.00W	< 10
BL3S 00W	< 10



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

D. F. [Signature]



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
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CERTIFICATE OF ANALYSIS

TO: David Murphy
 1865 W 12th Ave.,
 Vancouver, B. C.

CERTIFICATE NO. 46563
 INVOICE NO. 29145
 RECEIVED Nov. 24/78
 ANALYSED Nov. 29/78

ATTN:

SAMPLE NO. :	PPB
	Gold
L3S 0.25W	< 10
0.50	< 10
0.75	< 10
1.00	20
1.25	120
1.50	< 10
1.75	10
2.00	< 10
2.25	< 10
2.50	10
2.75	< 10
3.00	< 10
3.25	< 10
3.50	< 10
3.75	< 10
4.00	< 10
4.25	< 10
4.50	< 10
4.75	10
5.00	< 10
5.25	10
5.50	< 10
5.75	< 10
6.00	< 10
6.25	< 10
6.50	< 10
6.75	< 10
7.00	30
7.25	30
7.50	< 10
7.75	< 10
8.00	< 10
8.25	880
8.50	< 10
8.75	90
9.00	< 10
9.25	40
9.50	< 10
9.75	< 10
L3S 10.0W	< 10



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *J.F. [Signature]*



CHEMEX LABS LTD.

NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: McIntyre Mines Ltd.,
 1003 - 409 Granyille St.,
 Vancouver, B.C.

ROCKS

CERTIFICATE NO. 46384

INVOICE NO. 28946

RECEIVED Oct. 31/78

V6C 1T8

B.C. GOLD

ANALYSED Nov. 9/78

ATTN: J. Shearer

SAMPLE NO. :	PPM B	PPM Te	PPB Au	PPB Hg	PPM Sb	PPM Ba	PPM Sr	PPM Ca
57401A			>10,000	1550	1			
57402			3100	1400	1			
57403			2550	600	4			
57404			4350	800	1			
57405			4200	530	1			
57407			220	290	2			
57408			5650	1150	4			
57409			80	100	1			
57410			70	220	1			
57411			20		1			
57412			20	250	1			
58544			10	200	4			
58545			10	270	1			
58546			10	1450	8			
58547			10	750	1			
58548			10	210	1			
58549A			10	60	1			



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

272 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 46384

TO: McIntyre Mines Ltd.,
 1003 - 409 Granville St.,
 Vancouver, B.C.
 V6C 1T8

ROCKS

INVOICE NO. 28946

RECEIVED Oct. 31/78

ATTN: J. Shearer

B.C. GOLD

ANALYSED Nov. 9/78

SAMPLE NO. :	PPM Cu	PPM Mo	PPM Pb	PPM Zn	PPM Ag	PPM As
57401A	24	3	1	92	3.8	43
57402	44	3	2	156	1.6	21
57403	46	3	6	275	0.2	22
57404	56	4	8	340	0.8	30
57405	96	2	1	270	0.8	12
57407	8	1	1	118	0.1	1
57408	120	2	1	200	0.6	5
57409	52	1	1	138	0.1	<1
57410	52	2	1	68	0.1	<1
57411	2	1	1	32	0.1	<1
57412	4	1	1	24	0.1	2
58544	2	2	1	4	0.1	<1
58545	2	1	1	2	0.1	<1
58546	2	1	1	2	0.1	<1
58547	2	2	1	16	0.1	2
58548	40	2	1	74	0.1	2
58549A	2	1	1	2	0.1	<1

NOTE: Silver values below detection limit of 0.2 ppm are reported as 0.1 ppm.



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle

GENERAL TESTING LABORATORIES

DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE



TO: MR. DAVE MURPHY
 1865 West 12th Avenue
 Vancouver, B.C.

CERTIFICATE OF ASSAY

No.: 7810-1353 | DATE: Oct. 20/78

We hereby certify that the following are the results of assays on: **Ore**

MARKED	GOLD	COCKING	XXX	XXX	XXX	XXX	XXX	XX
	oz/st	oz/st						
E-6559								
DK-AS1	0.058							
AD-2	4.66							
<p>REMARKS: Coarse fractions were screened and assayed separately on AD-2.</p>								

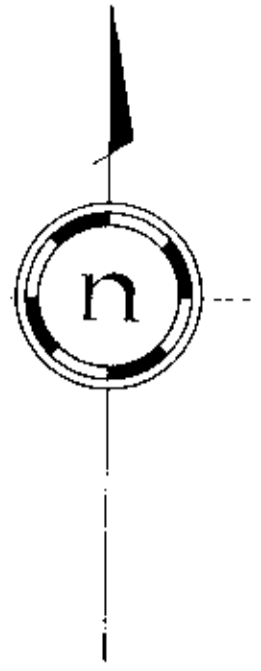
NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.
 ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS PUBLICATION OF STATEMENTS, CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

L. Wong
L. WONG

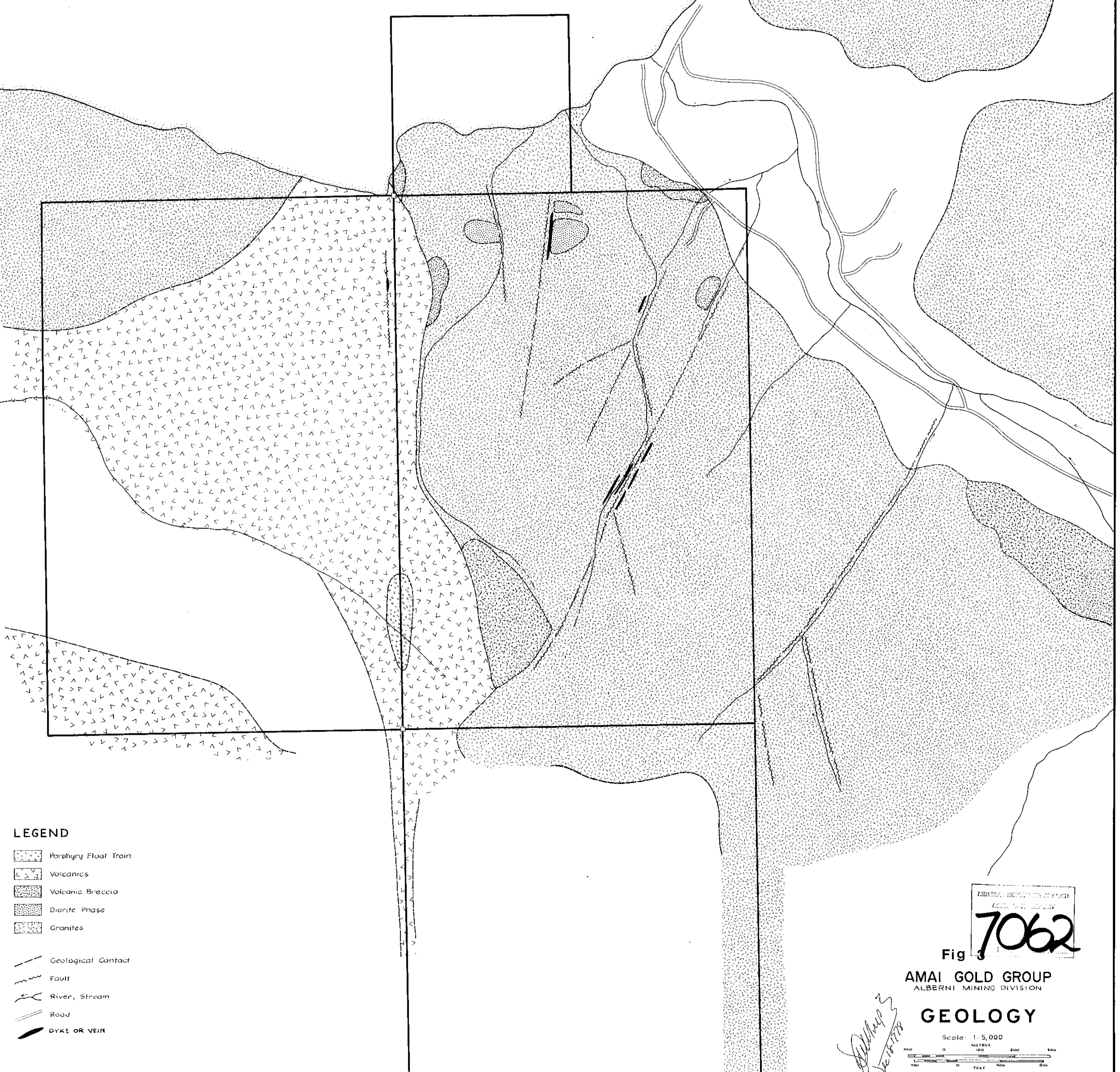
PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

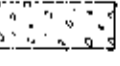
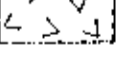
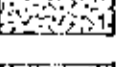
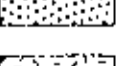
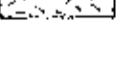
MEMBER American Society For Testing Materials • The American Oil Chemists' Society • Canadian Testing Association
 REFEREE AND/OR OFFICIAL CHEMISTS FOR National Institute Of Oilseed Products • The American Oil Chemists' Society
 OFFICIAL WEIGHMASTERS FOR Vancouver Board Of Trade

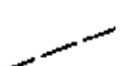

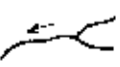




Amai Inlet



LEGEND

-  Porphyry Float Train
-  Volcanics
-  Volcanic Breccia
-  Diorite Phase
-  Granites

-  Geological Contact
-  Fault
-  River, Stream
-  Road
-  DYKE OR VEIN

AMAL RECORDS MAP
4200 100 1000
7062

Fig 3

AMAI GOLD GROUP
ALBERNI MINING DIVISION

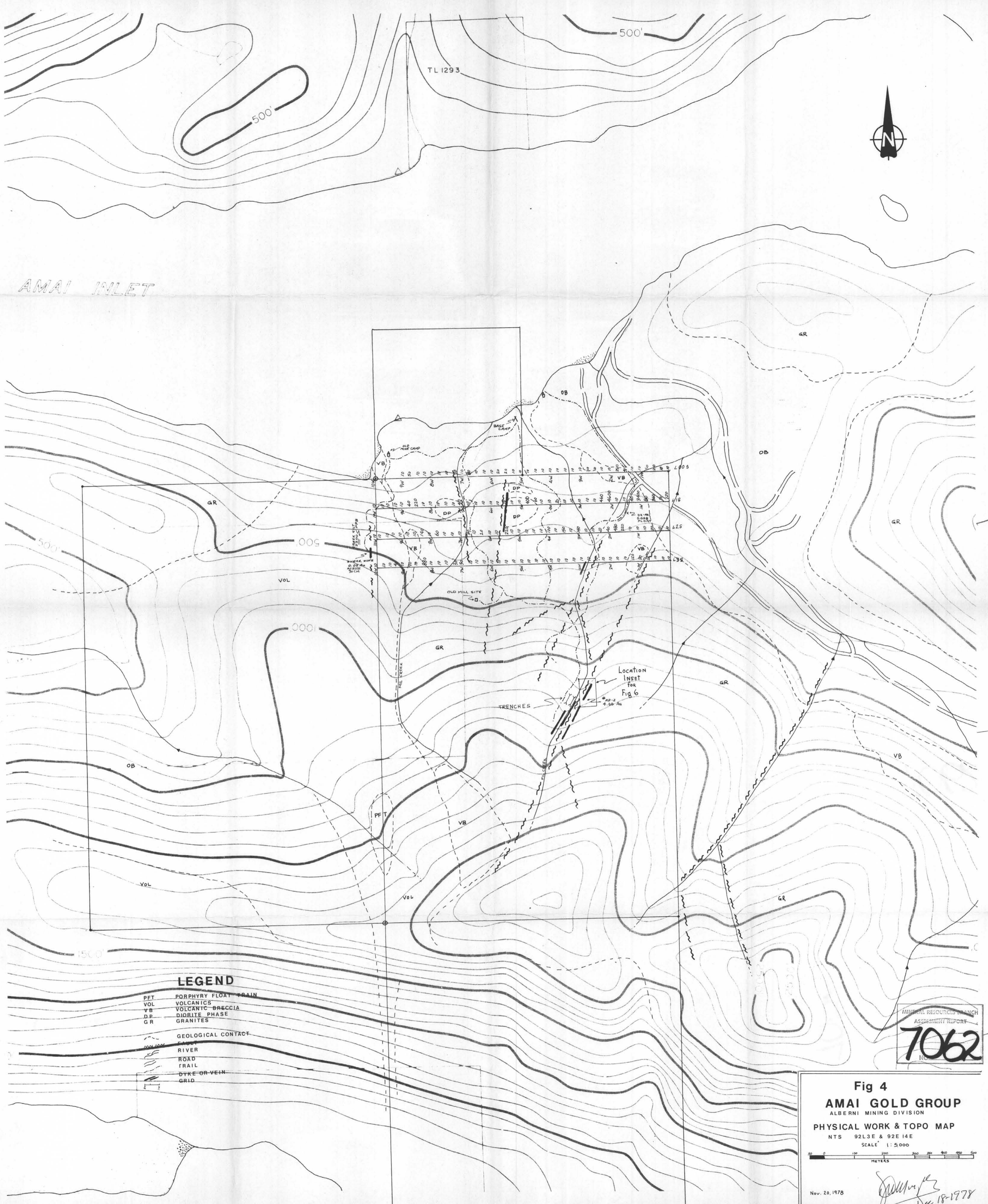
GEOLOGY

Scale: 1:5,000



NTS N° 92-L-3E, 92-E-14E

*Map 3
See 18778*



AMAI INLET

TL 1293

500'

500'



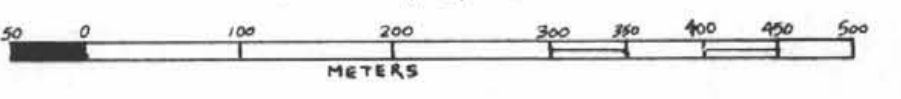
LEGEND

- PET PORPHYRY FLOAT TRAIN
- VOL VOLCANICS
- VB VOLCANIC BRECCIA
- DP DIORITE PHASE
- GR GRANITES
- GEOLOGICAL CONTACT
- ~ RIVER
- == ROAD
- - - TRAIL
- ||| DYKE OR VEIN
- GRID

LOCATION INSET FOR Fig 6

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7062

Fig 4
AMAI GOLD GROUP
ALBERNI MINING DIVISION
PHYSICAL WORK & TOPO MAP
NTS 92L3E & 92E 14E
SCALE 1:5000



Nov. 20, 1978

[Signature]
Dec. 18-1978

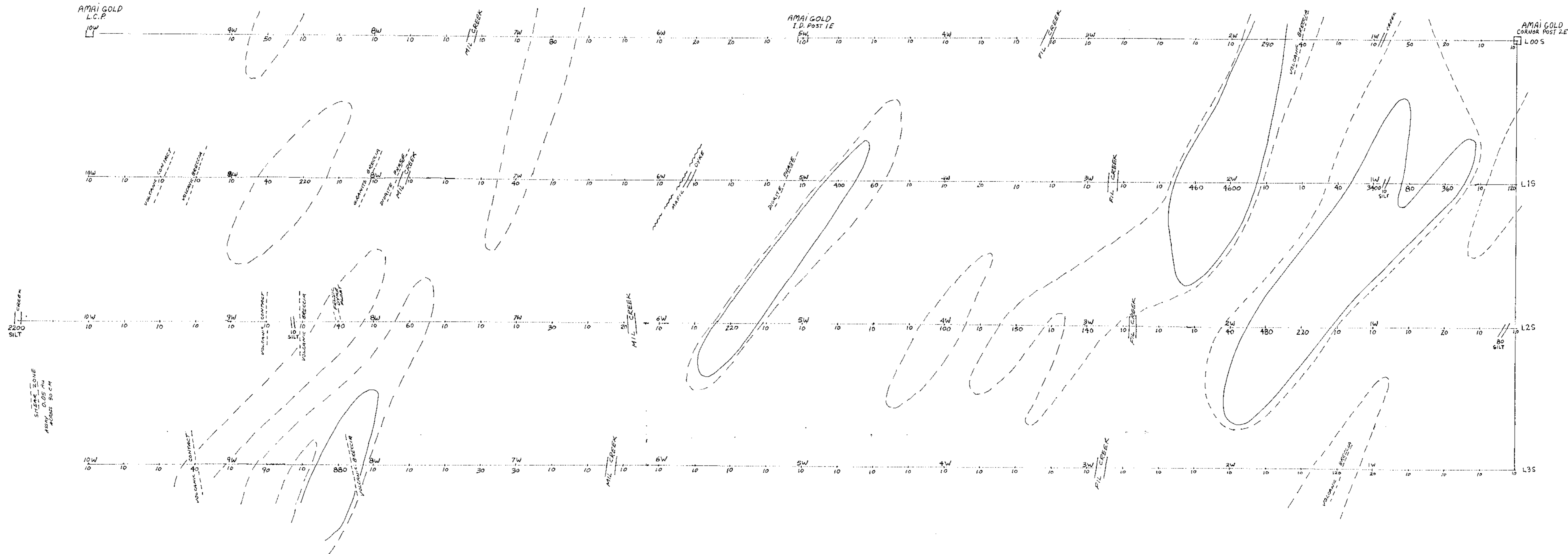
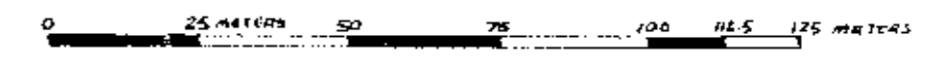


Fig. 5
 AMAI GOLD GROUP

AMAI INLET
 NTS. 92L3E & 92E4E
 Soil Gold Results
 ppb
 SCALE: 1:12.5

[Signature]
 Dec 18-1978



AMAI GOLD
 I.D. POST
 1S 2E

MINERAL RESOURCES BRANCH
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