

REPORT ON THE  
ICE AND YALAKUM MINERAL CLAIMS

N.T.S. 92G-14  
49° 58' N    123° 25' W

FOR

MAR-GOLD RESOURCES LTD.

BY

DAVID A. YEAGER, GEOLOGIST

CHARLES K. IKONA, P. ENG.

DECEMBER 1979

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. <b>7844</b>

## TABLE OF CONTENTS

	<u>PAGE</u>
1.0 INTRODUCTION	1
2.0 LIST OF CLAIMS	1
3.0 LOCATION, ACCESS, AND TOPOGRAPHY	1
FIGURE 1 - LOCATION MAP	AFTER PAGE 1
FIGURE 2 - CLAIM MAP	AFTER PAGE 1
4.0 HISTORY	2
5.0 GEOLOGY	2
5.1 LITHOLOGY	3
5.2 STRUCTURE	4
5.3 MINERALIZATION	4
FIGURE 5 - PROPERTY AREA MAP	AFTER PAGE 4
FIGURE 6 - OPEN CUT	AFTER PAGE 4
FIGURE 7 - ADIT AREA	AFTER PAGE 5
TABLE 5.3.1 - ASSAY SAMPLE DATA	6
6.0 DISCUSSION AND CONCLUSIONS	9
7.0 RECOMMENDATIONS	11

### LIST OF APPENDICES:

APPENDIX I	-	ENGINEER'S CERTIFICATE
APPENDIX II	-	STATION ELEVATIONS - ALTIMETER SURVEY
APPENDIX III	-	ASSAY CERTIFICATES
APPENDIX IV	-	MAPS

FIGURE 3 - TOPOGRAPHIC AND ASSAY LOCATION MAP

FIGURE 4 - PRELIMINARY GEOLOGICAL MAP

## 1.0 INTRODUCTION

The ICE and YALAKUM mineral claims were located in early spring of 1977 by Mr. E. Hansen of Squamish on gold-silver-copper showings first located in the 1920's. These claims have subsequently been acquired by Mr. F. Marehard. The author examined the claims on October 24, 1979, accompanied by Mr. Schoemig, an associate of Mr. Marehard, and conducted a property examination during the period November 1 to November 15, 1979.

## 2.0 LIST OF CLAIMS

<u>Name of Claim</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>
ICE	141	20	January 18, 1980
ICE 1	150	6	February 1, 1980
ICE 2	151	4	February 1, 1980
YALAKUM MINES	183	4	July 4, 1980

The author examined claim posts on the ground and has inspected the records of the British Columbia Department of Mines. This inspection indicates that the claims as recorded by Mr. Hansen are in good standing. The author has also examined documents which transfer sole ownership of these claims to Mr. Marehard.

## 3.0 LOCATION, ACCESS, AND TOPOGRAPHY

The property is located on the north side of the Ashlu River, some 12 kilometers above its confluence with the Squamish River. Approximate coordinates of the claim group are 49° 58' N Latitude and 123° 25' W Longitude.

Access is by well maintained logging road, a distance of 29 miles from the Town of Squamish, which is located at the head of Howe Sound, 50 kilometers north of Vancouver.

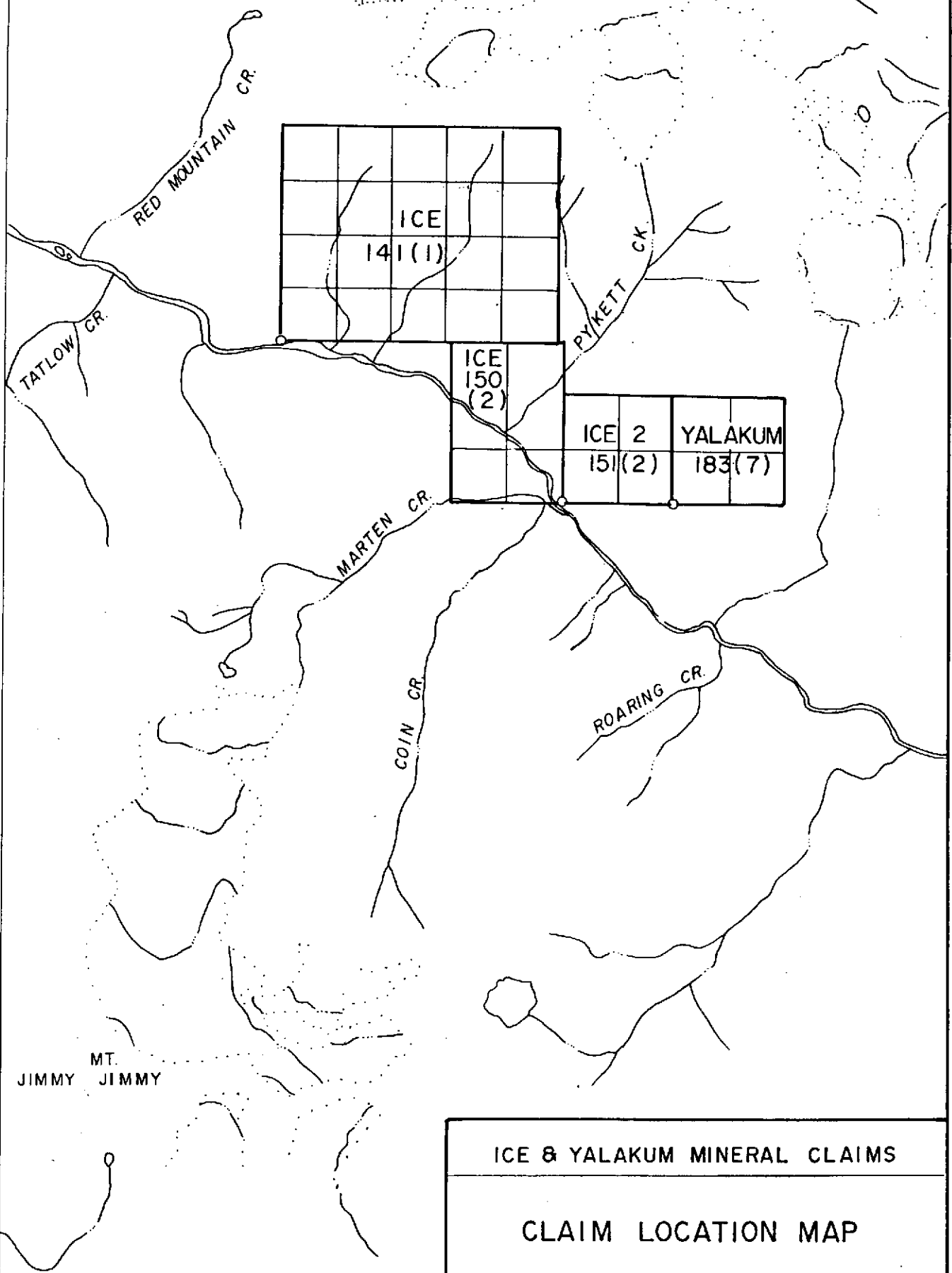


PROPERTY

ICE & YALAKUM MINERAL CLAIMS			
LOCATION MAP			
PAMICON DEVELOPMENTS LTD.			
DRAWN Altair	PROJECT ICE	DATE NOV. 1978	FIG. 1
Miles 100 50 0 100 200 Miles			

123°30'

50°00'



ICE & YALAKUM MINERAL CLAIMS

CLAIM LOCATION MAP

PAMICON DEVELOPMENTS LTD

DRAWN  
Altair

PROJECT  
ICE

DATE  
NOV 1978

FIG. 2

### LOCATION, ACCESS, AND TOPOGRAPHY (continued)

Topography over the claim group comprises a south facing slope averaging 25 to 30 degrees in steepness and is of an irregular nature with alternating bluffs and draws.

Logging is proceeding in the area at present with first growth timber being harvested. The main showings are located in a recent logging slash.

#### 4.0 HISTORY

The area first received attention in the early 1920's with the discovery of gold in quartz veins on the south side of the Ashlu River. In subsequent years a horse trail was constructed into the area and several hundred feet of underground workings developed. Some hand-sorted material was shipped out on packhorses.

During the same period mineralization was located on what are now the ICE claims. Limited surface and underground work resulted in the shipping of 2 tons of hand-sorted ore which reportedly ran over 5 oz. per ton Au.<sup>(1)</sup>

#### 5.0 GEOLOGY

The area has been mapped by the Geological Survey of Canada at a scale of 1 inch = 4 miles, and the geology is presented in Map 42-1963 (Squamish: Vancouver, West Half).

Detailed geologic mapping was carried out by the author at a scale of 1 cm. = 10 m. using a 20 m. x 20 m. picket grid for location. An altimeter survey was completed at the same time to establish topographic control. This information is presented in Figures 3 and 4. Station elevations are listed in Appendix II.

(1) Personal communication

## GEOLOGY (continued)

The claim group is underlain by plutonic rocks of Cretaceous age composed of variably textured granodiorites. The granodiorites are presumed to represent different phases of the same intrusive event as there is no marked alteration at the intrusive contacts.

### 5.1 LITHOLOGY

Two main rock types are predominant in the area. Unit 2 is a finely crystalline, equigranular, hornblende granodiorite. There is little variation in the unit with the exception that in many areas, up to 20 cm. inclusions of very finely crystalline granodiorite forms up to 80% of the rock (Unit 2a). These masses are interpreted as stoped fragments of an original country rock, presumably of andesitic composition.

Unit 3 is a coarsely crystalline, hornblende and/or biotite granodiorite. The biotite and hornblende occur in large (up to 4 mm.) crystal aggregates as well as in small disseminated crystals. The unit is variable in texture throughout the map area, the notable variations being crystal size and relative amounts of biotite and hornblende. These variations often occur on a very local scale at times giving the rock a gneissic banded appearance. Unit 3 also contains up to 20 cm. inclusions of very finely crystalline material (Unit 3a). In one locality these fragments are relatively unaltered and were identified as andesites of volcanic origin. Again, these are presumably stoped fragments of intruded country rocks.

Unit 1 was encountered in a single float occurrence at the eastern edge of the map area and consists of a breccia zone with fragments of hornblende and granodiorite in a quartz matrix. The breccia in places gives way to massive hornblende. No sense of orientation was apparent due to the lack of outcrop. However, the occurrence was

## LITHOLOGY (continued)

approximately four meters wide.

## 5.2 STRUCTURE

Regionally, the Ashlu River Valley appears to represent a structural trend at N 60° W with cross structures represented by secondary drainages trending at N 30° E.

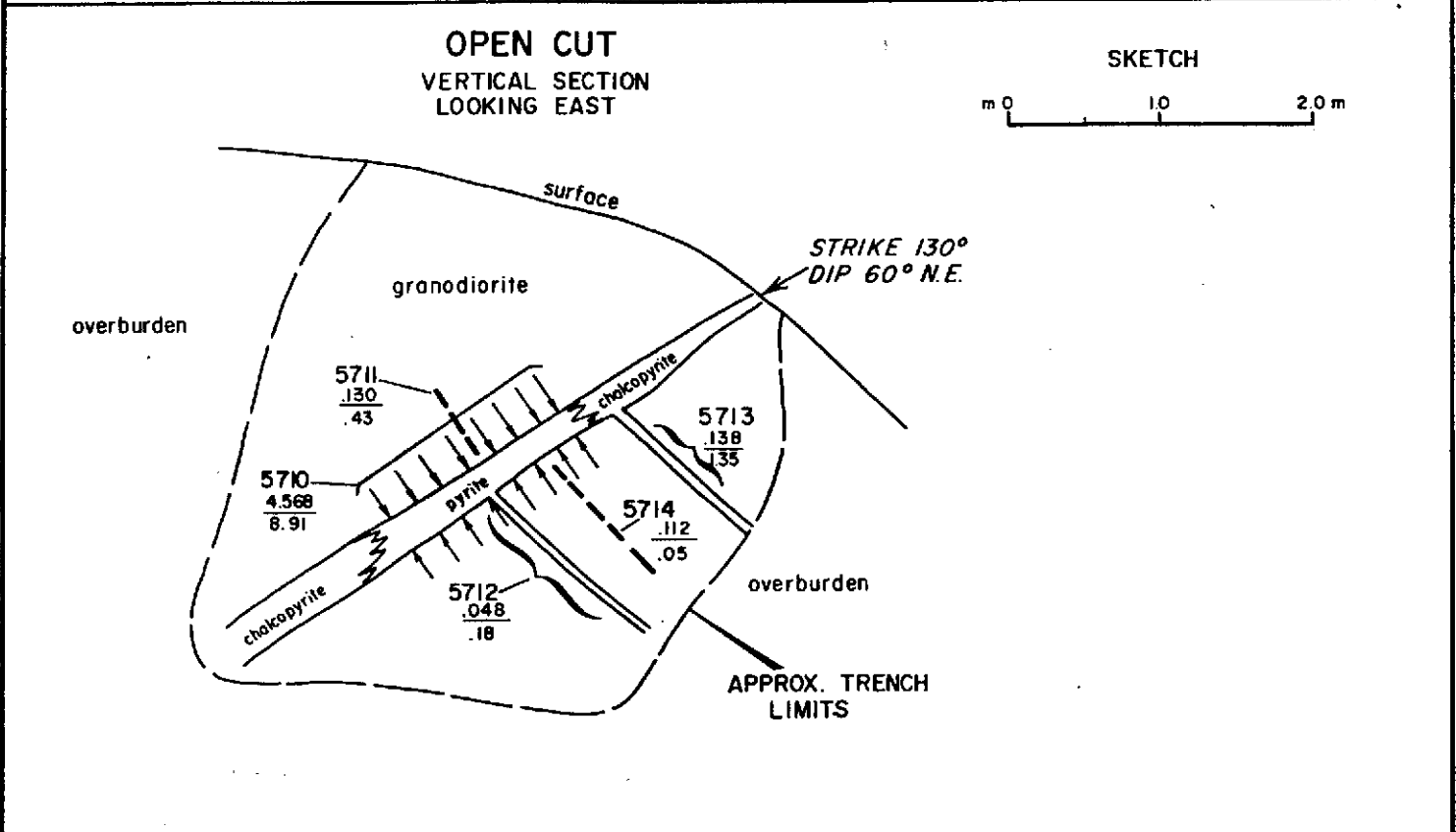
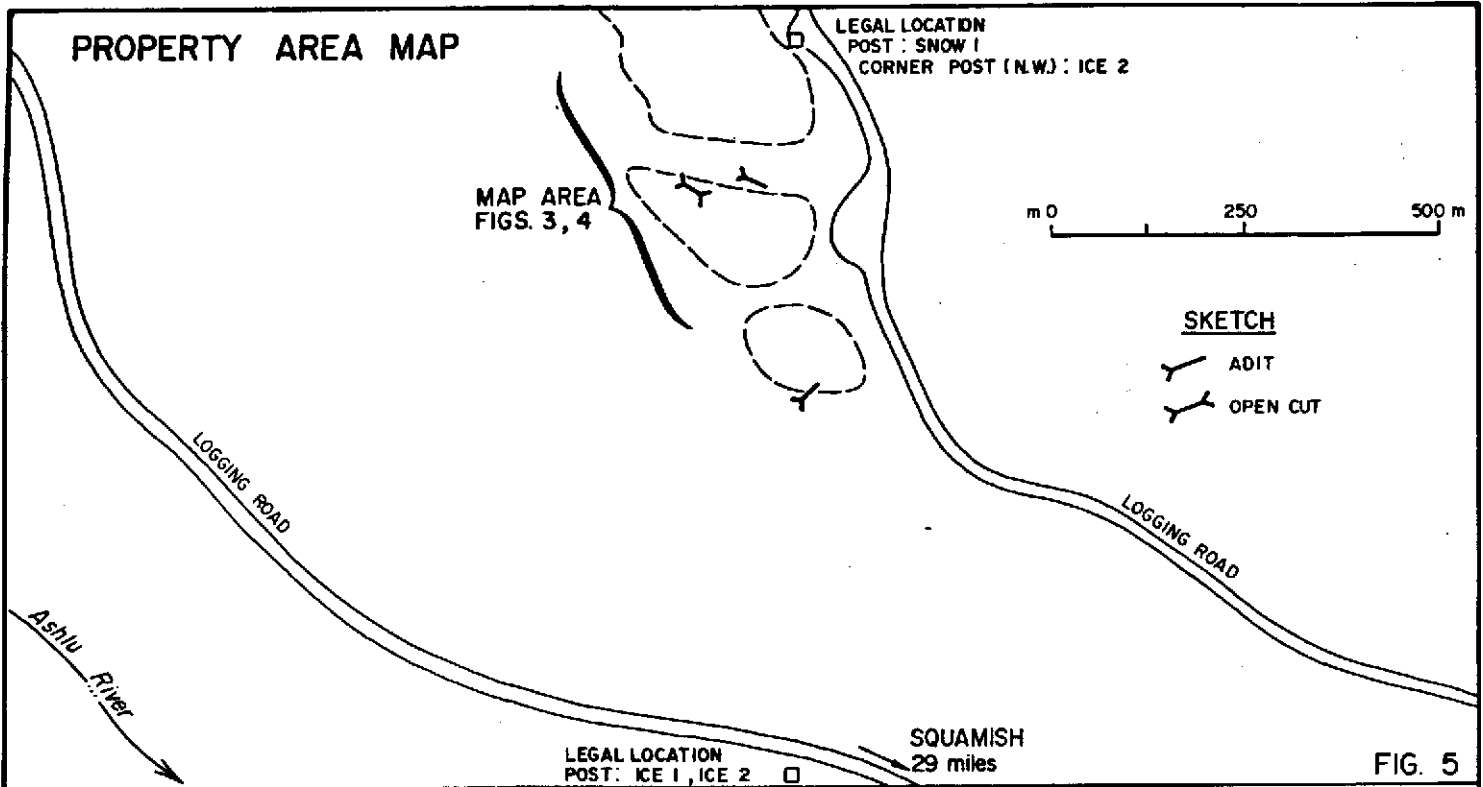
In the map area, a number of fracture and vein attitudes were measured and several fairly consistent sets were recognized. The most predominant fracture set on the property averaged 081/60° N and was associated with shearing and sulphide mineralization (See Section 5.3). A second set at 020/70° E consisted of barren hairline fractures. Three groups of veins were measured: 124/39° NE, 116/72° N, and 130/80° SW. Veins in the latter two sets carry gold mineralization.

## 5.3 MINERALIZATION




Encouraging values in gold and silver were obtained at many locations on the property (Figure 4). This mineralization occurs both in sheared fractures and in several types of veins.

The most spectacular mineralized vein is exposed in the open cut at approximately 0 + 20 N, 1 + 20 W (Figures 4, 5, and 6). Here, a 17 cm. wide sulphide vein containing massive pyrite and massive chalcopyrite contains values up to 4.568 oz. per ton gold and 8.91 oz. per ton silver in the pyrite portion of the vein. Values up to .130 oz. per ton gold were obtained from chip samples taken from the granodiorite in the foot-wall and hanging wall of the vein (Figure 6). A weighted average of samples 5710, 5711, and 5714 gives values of 0.571 oz. per ton gold and 1.066 oz. per ton silver across a width of 1.67 meters.





**LEGEND**

-  or  Location of channel sample
-  Line of continuous chip sample
- |        |
|--------|
| GOLD   |
| SILVER |

 Assay values in ounces per ton

FIG. 6

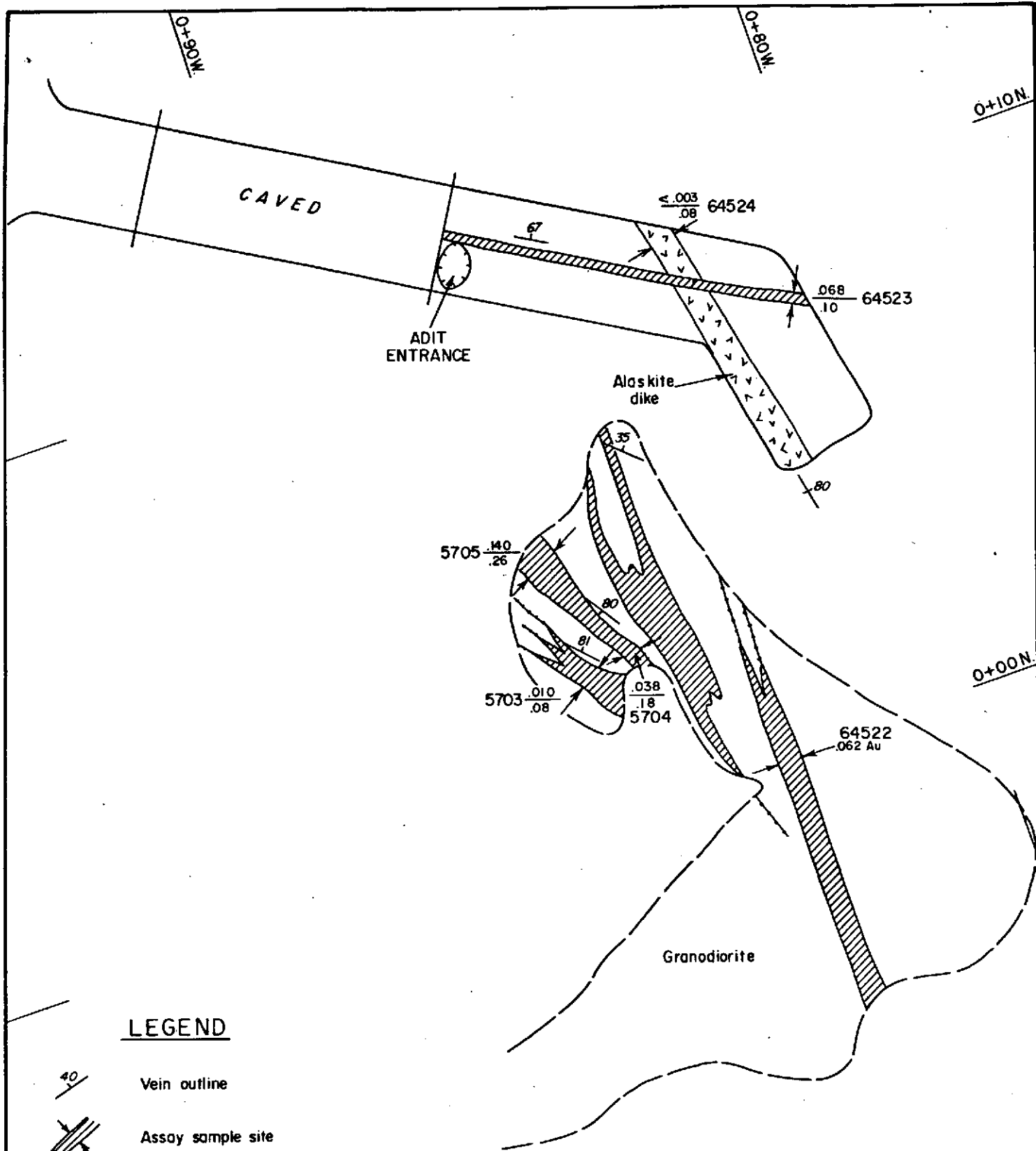
<b>MAR-GOLD RESOURCES LTD.</b>			
<b>ICE &amp; YALAKUM MINERAL CLAIMS</b>			
N.T.S. 92-G-14			
<b>MINERALIZED ZONES &amp; ASSAY SAMPLE SITES</b>			
<b>PAMICON DEVELOPMENTS LTD.</b>			
DRAWN Altoir	PROJECT Ashlu	DATE Dec. 1979	FIG. 5 & 6

MINERALIZATION (continued)





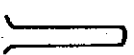
A second area of vein mineralization is exposed in the 0 + 00 N, 0 + 80 W area. Here, an extensive bull quartz stockwork floods a large number of fractures and shears over a 5 m. by 10 m. area. The veins, although massive in nature, are vuggy and sheared in places and contain chlorite, pyrite, and chalcopryite at these locations. Four assays from the stockwork contained between 0.010 oz. per ton and 0.140 oz. per ton gold.

This stockwork is closely associated with a quartz, pyrite, chalcopryite vein and a 0.5 m. alaskite dyke exposed in the adit immediately to the north of the stockwork. The adit was driven approximately 15 m. along the sulphide vein, at which point a 2 m. cross cut was started along the alaskite dyke. A grab sample from the vein contained .068 oz. per ton gold while the dyke material assayed < 0.003 oz. per ton gold.

A number of other mineralized locations were sampled on the property. Shear zones associated with the predominant 081/60° N fracture set usually contain pyrite, chalcopryite, quartz, magnetite, and actinolite. The shears range in width from several centimeters up to fifteen centimeters and have been traced on surface for up to twenty meters. Three of the eight shears assayed in this set carried .030 oz. per ton gold, .042 oz. per ton gold, and .104 oz. per ton gold.



**LEGEND**

-  Vein outline
-  Assay sample site
- $\frac{.140 \text{ Au}}{.26 \text{ Ag}}$  5705 Sample number with values in ounces / ton
-  Quartz vein
-  Limit of outcrop
-  Portal and adit


<b>MAR-GOLD RESOURCES LTD.</b>			
<b>ICE &amp; YALAKUM MINERAL CLAIMS</b>			
<small>N.T.S. 92-G-14</small>			
<b>ASSAY SAMPLE SITES</b>			
<b>ADIT AREA</b>			
			
<b>PAMICON DEVELOPMENTS LTD.</b>			
<small>DRAWN</small> Altair	<small>PROJECT</small> Ashlu	<small>DATE</small> Dec. 1979	<small>FIG.</small> 7

TABLE 5.3.1 - ASSAY SAMPLE DATA

<u>Sample No.</u>	<u>Description</u>	<u>Ag (oz/T)</u>	<u>Au (oz/T)</u>
64514	Grab sample from 16 cm. wide chlorite gouge zone with 5 cm. blebs of magnetite and biotite; attitude 081/56° N.	0.08	<.003
64515	Grab sample from 10 cm. wide fracture zone 2 m. south of 64514; includes 2 cm. thick pyrite stringers and 1 cm. thick quartz/epidote vein; attitude 080/60° N.	0.23	.030
64516	Grab sample from 4 m. wide zone of brecciated, partially chloritized hornblendite; some quartz and granodiorite in matrix.	0.01	<.003
64517	Grab sample from float train of shattered, limonitic, biotite hornblende granodiorite; contains chalcopyrite, pyrite, and magnetite.	0.32	.003
64518	Grab sample from 0.5 m. wide limonitic shattered zone in hornblende granodiorite; fracture attitude 090/68° N.	0.10	<.003
64519	Grab sample from 10 cm. wide quartz, actinolite, magnetite, pyrite vein; vein attitude 083/90°; vein continues under overburden for at least 30 m.	0.14	.005
64520	Grab sample from 0.5 m. wide shear zone; magnetite and pyrite noted; shear attitude 110/85° N.	0.01	<.003
64521	Grab sample from 1.0 m. to 1.5 m. wide coarsely crystalline bull quartz zone; veining erratic - attitude approximately 183/43° NE; sample taken from old test pit approximately 2 m. x 1 m. x 1 m. in size.	0.08	.003

<u>Sample No.</u>	<u>Description</u>	<u>Ag (oz/T)</u>	<u>Au (oz/T)</u>
64522	Grab sample from limonitic bull quartz stockwork zone; pyrite and chlorite noted in vugs; sample taken from test pit approximately 3 m. x 1 m. x 2 m.		.062
64523	Grab sample from 15 cm. wide quartz, pyrite, chalcopyrite vein in adit; vein attitude 102/67° N; sample collected from roof and face in southeast end of adit.	0.10	.068
64524	Grab sample from 0.5 m. wide alaskite dyke in adit; dyke attitude 150/90°; sample collected from north wall of main drift.	0.008	<.003
5701	Grab sample from 3 m. x 2 m. x 1 m.-very limonitic sub-angular float boulder (granodiorite).	0.10	<.003
5702	Grab sample from 1 m. x 1 m. limonitic zone in fractured granodiorite; fracture attitude 080/58° N.	0.01	.003
5703	Grab sample from 0.5 m. wide limonitic bull quartz vein in quartz stockwork zone; vein attitude 120/81° N.	0.08	.010
5704	Grab sample from 0.5 m. wide limonitic bull quartz vein in quartz stockwork; vein attitude 130/80° SW.	0.18	.038
5705	Grab sample from 1.0 m. wide vuggy quartz, limonite, chalcopyrite, feldspar gouge zone; part of stockwork in same area as 5703, 5704.	0.26	.140
5706	Grab sample from quartz stringer zone containing pyrite and chalcopyrite disseminated along stringers and in surrounding granodiorite.	0.32	.104
5707	Grab sample from fractured, limonitic zone in granodiorite; pyrite noted on fracture surfaces.	0.08	.003

<u>Sample No.</u>	<u>Description</u>	<u>Ag (oz/T)</u>	<u>Au (oz/T)</u>
5708	Continuous chip sample from 30 cm. wide shear zone containing pyrite, chalcopyrite, and shattered granodiorite; shear zone attitude 075/68° NW.	0.10	.005
5709	Continuous chip sample from same structure as 5708; sample located 10 m. west of 5708.	0.28	.042
5710	Composite sample of 8 channels across 17 cm. wide pyrite vein in open cut along length of 1.5 m.; i.e., one channel per 20 cm. (approx.) vein attitude 130/60° NE.	8.91	4.568
5711	Continuous chip sample across 50 cm. of granodiorite on hanging wall of chalcopyrite/pyrite vein in open cut.	0.43	.130
5712	Composite chip sample from channels across 3 cm. wide lower pyrite/ chalcopyrite vein on footwall of main vein in open cut.	0.18	.048
5713	Composite chip sample from channels across 3 cm. wide upper pyrite/ chalcopyrite vein on footwall of main vein in open cut.	1.35	.138
5714	Continuous chip sample across 1 m. of granodiorite on footwall of chalcopyrite/pyrite vein in open cut.	0.05	.112

## 6.0 DISCUSSION AND CONCLUSIONS

The ICE and YALAKUM mineral claims host sulphide mineralized veins and shear zones containing significant gold and silver concentrations. A thorough evaluation of these showings and additional exploration on the property are definitely warranted.

All but one of the showings found to date occur within 20 meters of the westerly flowing creek and its associated draw cutting across the grid from 0 + 00 N, 0 + 00 W to 0 + 40 N, 1 + 60 W. This topographic feature is assumed to be controlled by some underlying geologic structure; presumably a fault, shear zone, major vein system, or a combination of all three. The close proximity of the showings to the draw suggests that its controlling structure may have acted as a channelway for the mineralization and could, therefore, contain significant concentrations of gold itself. If this is the case, the main draw structure would be an interesting exploration target. As the draw is now filled with creek bed material, some geochemical and/or geophysical methods will have to be employed to test this possibility. It is felt that conventional stream sediment sampling will be of little help due to contamination from the large number of gold-bearing veins on the sides of the draw, as well as from dump material from the adit and open cut. Instead, a bulk sediment and soil sample technique should be used in which a measured amount of material from the bottom of a series of test pits dug in across the draw is screened, panned, and assayed. A profile of values so obtained could indicate a geochemically anomalous zone centred on the creek cut. An E.M. survey could also confirm the presence of an underlying conductive structure.

Further work aimed at developing the known showings should concentrate on the open cut sulphide vein and the quartz vein stockwork adjacent to the adit. Hand trenches should be dug to try and expose strike extensions of the open cut sulphide vein. The location of these trenches could be aided by a magnetometer, self potential, or E.M. survey.

### DISCUSSION AND CONCLUSIONS (continued)

Subsequent to trenching, a bulk sampling program should be undertaken to more accurately determine possible mining grades of both the open cut vein and the quartz stockwork. It will be necessary to outline gold values in the wall rocks, distribution of wallrock gold relative to the vein structures, and distribution of gold in the vein structures themselves. Sample sizes should be approximately 50 to 100 kg. per sample.

An encouraging gold value was obtained from the quartz-sulphide vein in the presently accessible adit. More detailed sampling should be carried out to test the vein and dyke as well as the wallrock adjacent to the structures.

Additional geologic mapping is required south of the present grid to evaluate the potential of similar veins exposed in a presently inaccessible adit in that area. Attempts should be made to enter the adit and any interesting structures discovered should be sampled.

As bulldozers are available from the local logging contractors from time to time, provision should be made to do some cat trenching where possible to expose extensions of the open cut vein and to uncover the main draw structure.

Should results of this preliminary development program prove encouraging, provision should also be made to conduct a diamond drilling program to test the continuity of the mineralized structures at depth. The open cut vein would be a primary target; however, several holes should be drilled to determine the nature of the structure underlying the main draw. Approximately 300 meters of diamond drilling will be necessary to adequately test the known targets.



7.0 RECOMMENDATIONS

The following program is recommended:

STAGE I

<u>Trenching, Blasting, Bulk Sampling</u> 2 men for 12 days @ \$400/day	\$ 4,800	
<u>Opening Second Adit</u> 2 men for 2 days @ \$400/day	800	
<u>Bulldozer</u>		
Road - 20 hr. @ \$80/hr.	\$1,600	
Trenching - 20 hr. @ \$80/hr.	<u>1,600</u>	3,200
Clearing Slash: 2 men for 4 days @ \$400/day		1,600
<u>Geologist</u> 20 days @ \$150/day		3,000
<u>General</u>		
Vehicle and Equipment Rental		1,000
Supplies: 60 man days @ \$20/day		1,200
Expendable Supplies and Fuel		1,000
Assaying and Bulk Sample Treatment		1,000
Engineer, Supervision, and Reports		<u>1,500</u>
		<u>19,100</u>
Contingencies and Contracting		<u>2,900</u> \$22,000

STAGE II

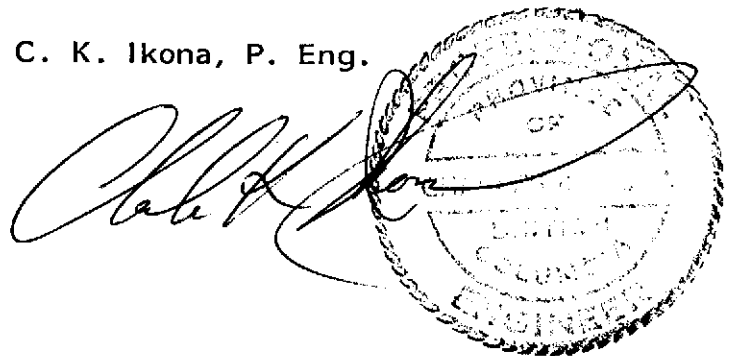
Diamond Drilling: 300 m. @ \$100/m.	\$30,000	
Site Preparation, Support, Supervision	<u>5,000</u>	
	35,000	
Contingencies and Contracting		<u>3,000</u> 38,000
<u>TOTAL STAGE I AND STAGE II</u>		<u>\$60,000</u>

Respectfully submitted,

*David A. Yeager*

D. A. Yeager, Geologist

C. K. Ikona, P. Eng.



APPENDIX I

ENGINEER'S CERTIFICATE

I, Charles K. Ikona, of 5 Cowley Court, Port Moody, in the Province of British Columbia DO HEREBY CERTIFY that:

1. I am a consulting Mining Engineer with offices at  
208 - 850 West Hastings Street, Vancouver, B. C.
2. I am a graduate of the University of British Columbia  
with a degree in Mining Engineering.
3. I am a member in good standing of the Association of  
Professional Engineers of the Province of British Columbia.
4. I examined the property reported on herein on October 25, 1978;  
and that the work outlined in this report was carried out under  
my supervision by a geologist whom I have known for several  
years and whose work I have every confidence in.
5. I have no interest in the property reported on nor in any  
securities which may be associated with this property, nor  
do I expect to acquire any.

Charles K. Ikona, P. Eng.

DATED this            day of December, 1979.

A circular stamp is partially visible behind the signature. The signature is written in dark ink and is highly stylized, with large loops and flourishes. The stamp is mostly obscured by the signature but appears to be a professional seal or official stamp.

**PAMICON DEVELOPMENTS LIMITED**

208 - 850 West Hastings Street  
Vancouver, B.C. V6C 1E1  
Telephone: (604) 684-5901  
684-5902

January 15, 1980

MarGold Resources  
201-845 Hornby ST.  
Vancouver, B.C.

Gentlemen:

RE: YOUR EXPLORATION PROGRAM ON THE ICE AND YALAKUM  
MINERAL CLAIMS

---

I certify that the following funds were expended on the  
program described in the accompanying report.

Wages and Fringe Benefits	\$ 1,825.00
Equipment Rentals	563.30
Assaying	207.90
Disposable field supplies	61.15
Misc. fuel and maps	51.90
Telephone and General office	57.07
Drafting and report prep.	467.92

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\$ 3,234.24

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Yours very truly,

Charles K. Ikona, P.Eng



# HOWE SOUND TIMBER CO. LIMITED

LOGGING CONTRACTORS  
and  
OPERATORS  
**SQUAMISH, B.C.**  
Box 1579

5251  
Phone 892-3353

October 3, 1979

Mar - Gold CO. Ltd.  
Vancouver, B.C.

Invoice for :

Road Construction in the Ashlu Valley.

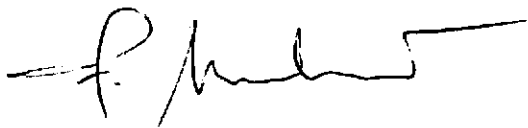
D-8 Caterpillar Tractor 14.5 hrs	\$ 1,200.00
Crew Bus and Driver 1 Day	67.00
Low Bed - Moving D-8 Cat	<u>100.00</u>
TOTAL INVOICE	<u><u>\$ 1,367.00</u></u>

Prospecting on Ice and Yalakum Mineral Claims

by: Ferdinand Marehard

4 days on property - prospecting	\$ 300.00
1 day supervision of bulldozer work	75.00
Transportation to and from property	<u>120.00</u>
	<u>\$ 495.00</u>

signed:



F. Marehard

December 27, 1979

APPENDIX II

STATION ELEVATIONS - ALTIMETER SURVEY

<u>Line</u>	<u>Station</u>	<u>Elevation (A.S.L.)</u>
0 + 00 E	1 + 60 N	629 m.
	1 + 20 N	620 m.
	0 + 80 N	606 m.
	0 + 40 N	595 m.
	0 + 40 S	595 m.
	0 + 80 S	590 m.
	1 + 20 S	587 m.
0 + 40 W	2 + 00 N	630 m.
	1 + 60 N	623 m.
	1 + 20 N	610 m.
	0 + 80 N	597 m.
	0 + 40 N	589 m.
	0 + 40 S	588 m.
	0 + 80 S	585 m.
	1 + 20 S	571 m.
	1 + 60 S	563 m.
0 + 60 W	1 + 60 N	618 m.
	1 + 20 N	605 m.
	0 + 80 N	592 m.
	0 + 60 N	588 m.
	0 + 40 N	583 m.
	0 + 20 N	575 m.
	0 + 20 S	579 m.
	0 + 40 S	587 m.
	0 + 60 S	584 m.
	0 + 80 S	575 m.
	1 + 20 S	560 m.
	1 + 60 S	544 m.
0 + 80 W	0 + 80 N	581 m.
	0 + 60 N	571 m.
	0 + 40 N	573 m.
	0 + 20 N	557 m.
	0 + 20 S	570 m.
	0 + 40 S	572 m.
	0 + 60 S	570 m.
	0 + 80 S	568 m.
	1 + 20 S	550 m.
1 + 60 S	536 m.	

APPENDIX II

STATION ELEVATIONS - ALTIMETER SURVEY (PAGE 2)

<u>Line</u>	<u>Station</u>	<u>Elevation (A.S.L.)</u>
1 + 00 W	0 + 60 N	559 m.
	0 + 40 N	546 m.
	0 + 20 N	541 m.
	0 + 20 S	547 m.
	0 + 40 S	551 m.
	0 + 60 S	543 m.
	0 + 80 S	546 m.
	1 + 20 S	537 m.
	1 + 60 S	530 m.
1 + 20 W	1 + 00 N	550 m.
	0 + 80 N	547 m.
	0 + 60 N	545 m.
	0 + 40 N	531 m.
	0 + 20 N	527 m.
	0 + 20 S	523 m.
	0 + 40 S	518 m.
	0 + 60 S	520 m.
	0 + 80 S	522 m.
	1 + 00 S	517 m.
	1 + 20 S	516 m.
1 + 40 W	0 + 20 N	521 m.
1 + 60 W	1 + 20 N	530 m.
	0 + 80 N	519 m.
	0 + 60 N	516 m.
	0 + 40 N	514 m.
	0 + 20 N	516 m.
	0 + 40 S	492 m.
	0 + 80 S	492 m.
	1 + 20 S	494 m.
<u>Baseline</u>		
0 + 00 N	0 + 00 E	590 m.
	0 + 40 W	577 m.
	0 + 60 W	573 m.
	0 + 80 W	561 m.
	1 + 00 W	546 m.
	1 + 20 W	530 m.
	1 + 40 W	523 m.
	1 + 60 W	506 m.
	2 + 00 W	478 m.



APPENDIX III

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 043-52597

- ANALYTICAL CHEMISTS
GEOCHEMISTS
REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Pamicon Developments Ltd.
208 - 850 W. Hastings St.
Vancouver, B.C.

ATTN: V6B 1P1

Dave Yeager

CERTIFICATE NO. 66994

INVOICE NO. 34089

RECEIVED Nov. 16/79

ANALYSED Nov. 29/79

Table with columns: SAMPLE NO., oz/ton Silver, oz/ton Gold. Rows include sample numbers 5701B through 64522A with corresponding assay values.



MEMBER
CANADIAN TESTING
ASSOCIATION

Handwritten signature of B. Swait

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA





CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 984-0221  
 AREA CODE: 604  
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Pamicon Developments Ltd.,  
 208 - 850 W. Hastings Street,  
 Vancouver, B.C.  
 V6B 1P1

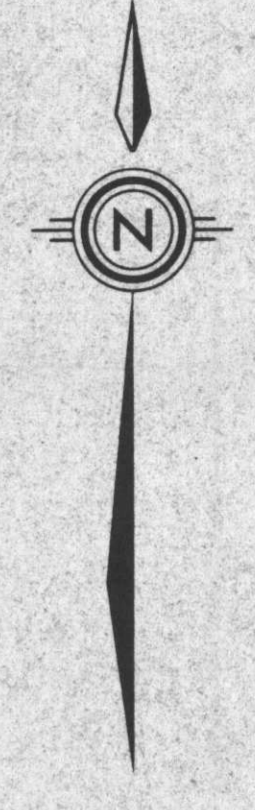
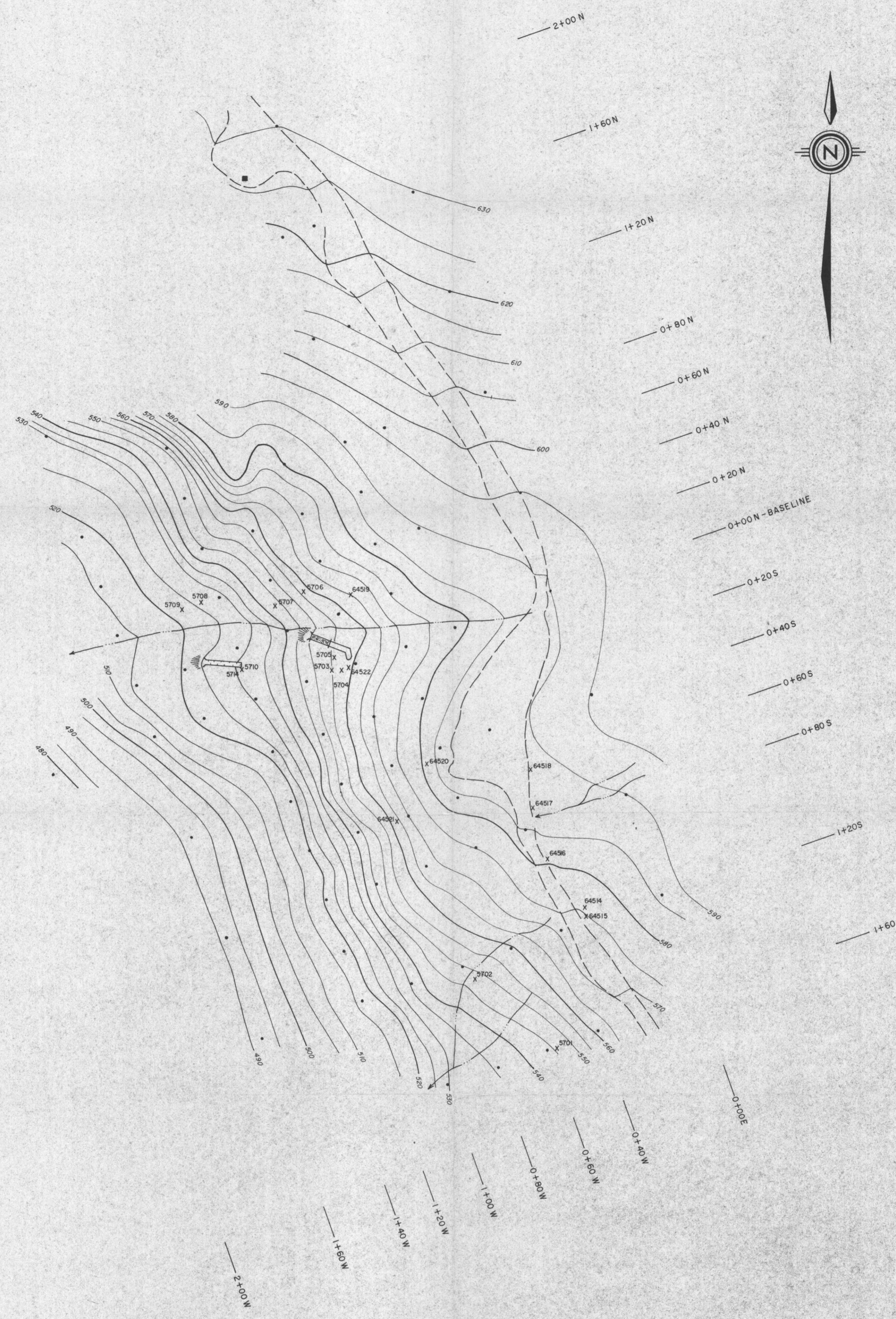
CERTIFICATE NO. 66953  
 INVOICE NO. 34041  
 RECEIVED Nov. 14/79  
 ANALYSED Nov. 26/79

ATTN: Att. Dave Yeager





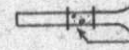


SAMPLE NO. :	Oz/Ton	Oz/Ton
	Ag	Au
64514	0.08	< 0.003
64515	0.23	0.030
64516	0.01	< 0.003
64517	0.32	0.003
64518	0.10	< 0.003
64519	0.14	0.005
64520	0.01	< 0.003
64521	0.08	0.003
64523	0.10	0.068
64524	0.08	< 0.003



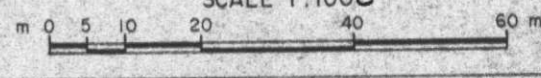
*B. Swartz*  
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

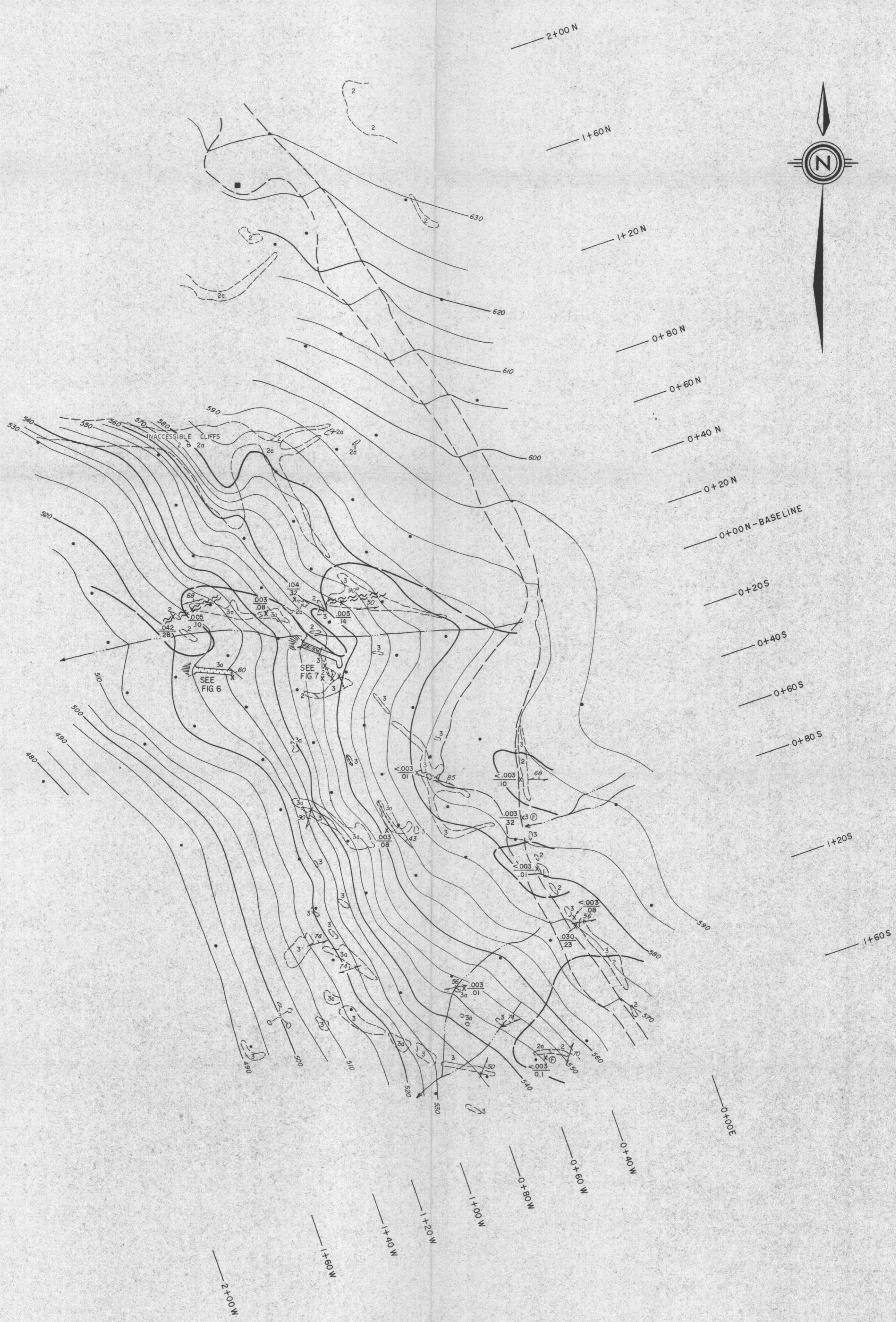


**LEGEND**

-  Logging road or landing
-  Claim post
-  Sample location and number
-  Open Cut
-  Adit
-  Covered or inaccessible
-  Dump

MINERAL RESOURCE DIVISION  
 ACCESSION NO. **7844**  
 NO.

MAR-GOLD RESOURCES LTD.			
ICE & YALAKUM MINERAL CLAIMS			
NTS 92-G-14			
TOPOGRAPHIC & SAMPLE LOCATION MAP			
SCALE 1:1000			
			
PAMICON DEVELOPMENTS LTD.			
Drawn Altair	Project Ashlu	Date Dec 1979	FIG. 3



**SYMBOLS**

- Limit of outcrop
- Logging road or landing
- Claim post
- Fracture or shear attitude
- Vein attitude
- Vein
- Shear zone
- Assay sample location with values
- Open cut
- Adit
- Caved or inaccessible
- Dump

**LITHOLOGY**

- Coarse grained hornblende granodiorite ( $\pm$  biotite) granodiorite 3a with very fine grained inclusions
- Fine grained hornblende granodiorite; 2a with very fine grained inclusions
- Hornblende

**MINERAL RESOURCES BRANCH**  
ASSESSMENT REPORT  
**7844**  
NO

MAR-GOLD RESOURCES LTD.  
ICE & YALAKUM MINERAL CLAIMS  
NTS 92-G-14  
**PRELIMINARY GEOLOGICAL MAP**  
SCALE 1:1000  
m 0 5 10 20 40 60 m  
PAMICON DEVELOPMENTS LTD.  
Drawn: Altair | Project: Ashlu | Date: Dec 1979 | FIG. 4