

71-14  
521338  
Amai Inlet  
924/3

Report on the  
Amai Inlet Project  
Zeballos Area  
Alberni Mining Division  
50°00' North Latitude & 127°05' West Longitude  
for  
Cal-Denver Resources Ltd.

by  
John R. Poloni, B.Sc., P. Eng.  
June 7, 1982

John R. Poloni & Associates Ltd.  
1512B - 56th Street,  
Delta, B.C.

9:31 AM  
VANCOUVER  
V6C 2M1

CERTIFIED A TRUE COPY  
*[Signature]*

---

JOHN R. POLONI P. Eng.  
Consulting Geologist

## TABLE OF CONTENTS

	<u>Page No.</u>
1.0 Summary and Conclusions	1
2.0 Introduction	2
Property Location Map - Plan No. 1	3
3.0 Location and Accessibility	4
4.0 Claim Information	4
5.0 Physical Features	5
6.0 History	5 - 6
7.0 Geology	
7.1 Regional Picture	7
7.2 Local Geology	8 - 10
8.0 Exploration Targets	
8.1 Underground Targets	10
8.2 Surface Targets	10 - 11
9.0 Recommendations	
9.1 Camp	11
9.2 Rehabilitation - Underground	11
9.3 Geological Mapping	12
9.4 Geochemical Surveys	12
9.5 Sampling - Underground	12
9.6 Diamond Drilling	12
9.7 Metallurgical Studies	12

## TABLE OF CONTENTS

	<u>Page No.</u>
10.0 Appendices	
Appendix A - Estimated Cost of the Recommended Exploration Program	14
Appendix B - References	16
Appendix C - Certificate	18
Appendix D - Assay Data, Mill Test	19
Appendix E - Maps - Previous Work	20
Appendix F - Maps - Present Report	21

1.0 Summary and Conclusions

The Amai Inlet Project consisting of thirty-two units and fractions covering the old Patmore Mine is controlled by Cal-Denver Resources Ltd.

Property location is 24 kilometers due west of Zeballos, in the Alberni Mining Division, of Vancouver Island.

The main period of activity was between 1938 and 1945 when most of the examinations were done and the three tunnel levels were completed. Rich, but narrow gold bearing shoots were discovered and sampled indicating a strike length and vertical extent of 800 and 300 feet respectively. Free gold is frequently seen in the limonitic, copper stained quartz boxworks, especially in the middle tunnel.

Access to the workings is moderately difficult but geological, structural, and mineralogical aspects are very favourable for the occurrence of economic gold deposits.

The property warrants further detailed exploratory and development work estimated to cost \$107,000.00 in Phase 1, with additional surveys being success contingent.

## 2.0 Introduction

The Cal-Denver Resources Ltd. Amai Inlet property originally located by J.J. Pugh and Associates in 1938, was explored principally in the early 1940's.

Several detailed property examinations were undertaken during this period of development, under the direction of Dr. W.H. Patmore, Mr. F. Jobin and C.M. Campbell, which indicated the presence of rich gold bearing zones.

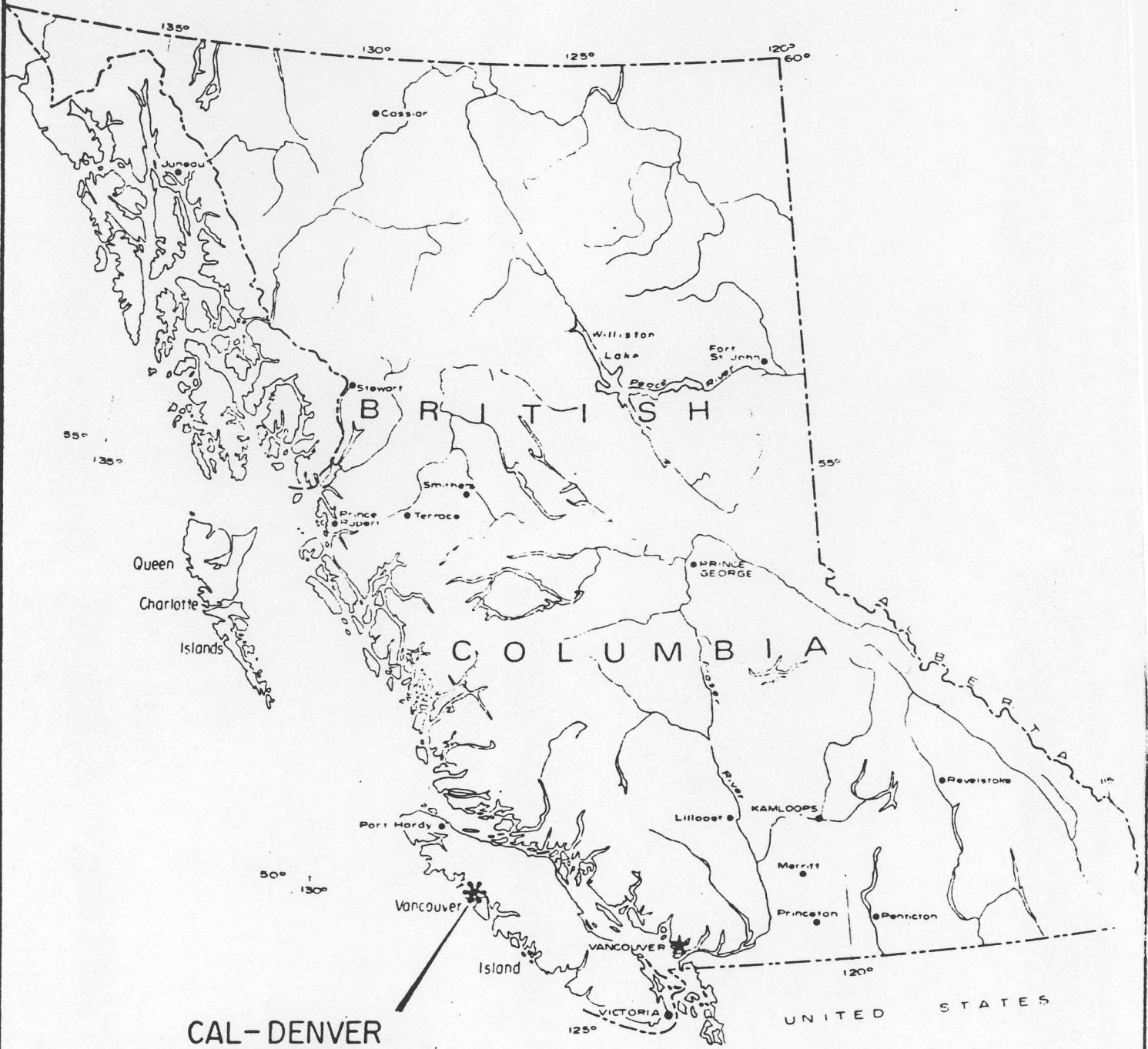
A property visit was made by the author on September 17, 1980, accompanied by Mr. John Clyne and assisted by Mr. D. Murphy, the project manager.

Thirty-two contiguous units, including fractions, are presently controlled by Cal-Denver Resources Ltd.

This report presents a summary of the exploration and development history and makes recommendations for further work.

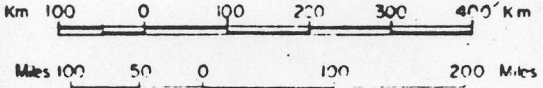
Property Location Map

Plan No. 1



CAL-DENVER  
PROPERTY

*John Poloni*



CAL-DENVER RESOURCES LTD.		
PROPERTY LOCATION MAP		
AMAI INLET PROJECT		
ALBERNI MINING DIVISION, B.C.		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN	J.R.P.	CHECKED
		J.R.P.
		PLAN No

### 3.0 Location and Accessibility

The property lies approximately midpoint on the south side of Amai Inlet about 24 kilometers due west of Zeballos. Amai Inlet is a branch of Kyuquot Sound. Claim location is described as being 50° 00' North Latitude, 127° 05' West Longitude, Alberni Mining Division, Vancouver Island.

Access from Vancouver by air to the base camp, located near the mouth of Fil Creek, can be either by fixed wing or helicopter. A helicopter pad is being prepared near the mine tunnels.

Road access is possible by Provincial highways and logging roads through Gold River and Kelsey Bay, then to Zeballos, and Fair Harbour. Boat transport from Fair Harbour to Amai Inlet is the most economical method of access.

### 4.0 Claim Information

Cal-Denver Resources Ltd. controls thirty-two units as described below:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>
Adam	1	442
Stone Nipples	10	443
Remarkable	4	445
Phil Mill	1	196
Cachalot	6	195
Amai Gold	6	152
Narrowgut	4	194

It is understood that Mr. David Murphy has an agreement with Mr. R. Reifel of Cal-Denver Resources Ltd. and that the claims are to be transferred to the Company by option to purchase agreement.



## 5.0 Physical Features

Amai Inlet, part of Kyuquot Sound, is a typical example of the topography of the west coast of Vancouver Island. Heavily timbered, large fjords, frequently sheltered from the sea by numerous coastal islands, are characteristic.

The trees are mainly cedar with hemlock and balsom common at lower elevations. Underbrush is dense.

Precipitation is heavy with the annual amount of about 100 inches occurring mostly as rain. Snow-fall at higher elevations is considerable, but only minimal at tidewater.

Water at the mine site is meager, but should be sufficient for mining requirements. If necessary, a good supply can be obtained from Mckay Creek by piping a distance of about 3,500 feet.

The three tunnels are located at elevations 1425, 1602, and 1728 feet above sea level in the steep canyon of Fil Creek. Access to these portals is difficult except on foot.

Previously a tram line had been cut from a dock at sea level to the upper camp near the lower portal. Development work on the three levels totalled about 700 feet.

## 6.0 History

The property was initially located in 1938 by Budd Pugh, prospector, with twelve claims being staked and open cut work being done principally in Fil Creek. In 1941, W.H. Patmore leased the claims, constructed camp buildings, built a dock, cleared a right-of-way for a tramway, and undertook about 700 feet of tunnelling on three levels. Detailed sampling underground was undertaken at this time. Reference is made to data as shown on Plan No. 3.

6.0 The "Patmore" samples were taken along the vein at intervals of 2½ feet. These sample locations were rechecked by C.M. Campbell of Ridgeway R. Wilson & Associates Ltd. in 1944. Copies of comparative assays are appended in Appendix D. Prior to Dr. Patmore's work, Mr. Franc Jobin in 1938 and 1940 had examined the showings for Pioneer Gold Mines of B.C. Limited. Also in 1940, Con West had undertaken detailed sampling underground, Appendix D.

Mr. David Murphy submitted nine samples to the Department of Mines and Petroleum Resources for assay in 1978. At this time he also undertook geological mapping, and geochemical soil sampling. Copies of maps showing this work are appended in Appendix E.

Cal-Denver Resources Ltd. is understood to control the claims from Mr. D. Murphy through Mr. R. Reifel. During 1980 a camp was established at tide water by Red Mountain Resources Ltd., trenching of geochemical anomalies, preparation of helicopter pads near portal entrances, and the cleaning out of portals completed.

A shipment of picked float and dump material was made by Mr. Murphy to Mr. George Spalding for a mill test run. Additional local geochemistry was completed immediately east of the tunnel levels by the owner. The mill test material data is as follows:

Air Dry Weight: 2,526 lbs.

<u>Cons</u>	71 lbs. - yield -	1.16 oz. Au
<u>Tails</u>		0.36 oz. Au
<u>Jig Cons</u>		2.22 oz. Au
<u>Calculated Heads</u>		1.75 oz. Au
<u>Heads Classifier Overflow</u>		1.19 oz./Ton
<u>Heads Total Gold</u>		1.74 oz./Ton

A copy of the mill test data is included in Appendix D.

## 7.0 Geology

### 7.1 Regional Picture

As described by Patmore, W.H., 1945, "The ore bearing veins and their dikes lie in north-south fractures and shear zones which cut, at steep dips, an almost circular boss of pinkish granodiorite about 6 miles in diameter embracing all of Deep Inlet. This intrusive, if it does not actually make a surface junction with the southwestern contact of the main Zeballos granodiorite (grey), must meet its flank at shallow depths. These granitic rocks are easily distinguished in the field by the almost totally light grey to blackish (dioritic phase) appearance of the Zeballos batholith and by abundant areas, small masses, and irregular dikelets of pink to red orthoclase feldspar, so common in the greenish Deep Inlet intrusive..... A large portion of the older roof (or host) rocks of the area are massive black to green volcanic flows of andesitic and basaltic composition. Local intercalations of impure grey limestones are found in scant quantity. Volcanic breccias and purple tuffs are common in parts of the area but light-colored, fine-grained felsic tuffs are scarce. A few veins of relatively limited length have been located in the volcanic roof rocks but always close to the border of the granodiorite. These older rocks display very little obvious high grade metamorphism or metasomatism although dikelets of epidote, magnetite and orthoclase are often observed."

7.0 Geology (cont.)

7.2 Local Geology

As described by Campbell, C.M., 1944, "The predominating rock is granodiorite in contact with volcanics and sedimentaries. The granodiorite is cut in various places by narrow aplite and lamprophyre dikes. These have a north and south strike and a dip to the east of about 65°. The lower part of the main vein is in an aplite dike and in places the dike itself is mineralized. In the upper two tunnels the vein follows the lamprophyre dike where better values are encountered. The gangue is quartz and the chief and practically the only sulfide is pyrite. Work is still in the oxidized zone and the values consist largely of free gold."

Free gold was observed in one location in the vein at sample number 0009 in sampling undertaken by the author. It appears likely in examining assay data that several of the other samples collected also contained free gold. Sample and assay data of the authors work are described as follows:

<u>No.</u>	<u>Location - Description</u>	<u>Assay Data</u>		
		<u>Au oz/T</u>	<u>Ag oz/T</u>	<u>Cu %</u>
0009	Middle Tunnel @ 35' from face, 8" Vein with Qtz, limonite plus 10" breccia and gouge. V.G.	7.956	0.60	0.02
0010	Middle tunnel @ 40' from face as above, across 8"	16.301	0.50	0.03
0011	Middle tunnel @ 47' from face as above, across 8"	4.828	0.55	0.30

7.0 Geology (cont.)

7.2 Local Geology (cont.)

<u>No.</u>	<u>Location - Description</u>	<u>Assay Data</u>		
		<u>Au oz/T</u>	<u>Ag oz/T</u>	<u>Cu %</u>
0012	Middle tunnel @ 75' from face as above, across 7", area of en echelon parallel Qtz.	0.130	0.17	0.01
0013	Middle tunnel @ 60' from portal across 7", vein as above with malachite	2.372	0.72	0.44
0014	Upper tunnel @ 70' from portal across 1.0', qtz. Vein with Limonite, malachite, near old #73	10.056	2.51	1.03
0015	Upper tunnel as above across 8" with malachite	2.330	0.20	0.13
0016	Lower tunnel in area of cross cut, pyrite and limonite	0.214	0.21	0.02
0017	Lower tunnel, same area as 0016, picked material mostly pyrite	2.256	0.20	0.02

The samples collected by the author were taken only to confirm previous assays from work done by Patmore and Campbell, and it is apparent that this has been achieved. An examination of Plan No. 3 indicates that the vein-dike sequence carrying appreciable gold values has been traced along strike for approximately 800 feet and in vertical extent in three tunnels for about 300 feet. This is not to say that the complete strike length and vertical extent exposed is gold bearing. Further detailed work is necessary to properly define the extent of the

7.0 Geology (cont.)

7.2 Local Geology (cont.)

mineralized shoots.

8.0 Exploration Targets

8.1 Underground Targets

Previous tunnelling and sampling has indicated the presence of five zones of rich gold bearing quartz vein and dike material in the three adit levels. It is not known as to what relationship exists between zones on various levels as no exploratory drilling or raise development work has been undertaken. Level No. 2 sampling shows excellent gold values remaining in the face of the tunnel indicating that the shoot has not terminated. This level was also observed to be following what appears to be en echelon veins rather than one continuous structure. Further exploratory studies are required on the known mineralized zones and for other possible en echelon structures.

8.2 Surface Targets

Patmore, W.H. Dr., describes, "Only six dikes or irregular masses of aplite have so far been found and but three of these show any sign of gold mineralization. Most of the lamprophyres and several of the felsic dikes display great persistence over lengths and depths of several thousand feet even when of narrow width. At least six of the mafic dikes carry gold values although in the majority of them the mineralization appears to be limited to sporadic occurrences." These dikes are shown on

## 8.0 Exploration Targets (cont.)

### 8.2 Surface Targets (cont.)

Plan 4 appended. Detailed examinations are required which will consist of trenching, sampling, geological mapping and geochemical surveys, for extensions, if possible.

Figure 4 in Appendix E shows the results of geochemical surveys conducted by Mr. D. Murphy during 1978. Several strong gold geochemical anomalies are indicated which require further definition.

## 9.0 Recommendations

Economic gold mineralization is presently known on the property, the extent and tenor of which has yet to be established. No recent underground surveying and mapping has been undertaken but the author has cut several samples from the mineralized zones to verify old assay data.

The following recommendations are made to further explore the property:

### 9.1 Camp

An upper level camp is recommended to facilitate the necessary work. This will require helicopter support.

### 9.2 Rehabilitation - Underground

While underground conditions are quite stable, the three level portals will require a minimal amount of clean-up and timbering. This will enable detailed mapping of all three levels to be completed prior to further development.

### 9.3 Geological Mapping

Detailed surface and underground maps are required in order to establish the extent of the ore shoots and to explore for additional mineralization.

### 9.4 Geochemical Surveys

Geochemical surveys completed by Mr. D. Murphy in 1980 established the presence of strong soil anomalies near tide water which represent at least in part those caused by transported material from sources at higher elevations. Further limited surveys recently completed by Mr. Murphy immediately east of the tunnel workings has shown the presence of strong single station gold anomalies. These require definition.

### 9.5 Sampling - Underground

Sections of the tunnels not previously tested should be sampled after geological mapping has been completed.

### 9.6 Diamond Drilling

Diamond drilling is to be considered to examine the extent of the known ore shoots in the underground workings. A drill location at approximately 100 feet north easterly of the portal of the No. 2 Level will be established to test the mineralized zones below the level.

### 9.7 Metallurgical Studies

Presently it appears that the gold is free, occurring in limonitic boxworks in the quartz, breccia, and gouge. A bulk sample is to be collected from all three levels for metallurgical testing. The sample submitted by Mr. Murphy contained highly oxidized sulphides resulting in poorer recovery than expected.



Appendix A

Estimated Cost of the Recommended  
Exploration Program

COST ESTIMATE

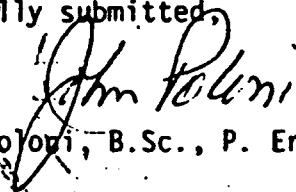
Phase 1

1.0	Establishment of camp, camp costs, and supplies	\$25,000.00
2.0	Rehabilitation Underground - clean-up and timbering of portals	2,500.00
3.0	Geological Mapping - vicinity of tunnels	2,500.00
4.0	Geochemical Surveys - in vicinity of tunnels, including assays	2,000.00
5.0	Sampling Underground	2,000.00
6.0	Diamond Drilling 2,000 feet @ \$27.00/foot	54,000.00
7.0	Mobilization - Demobilization of drill equipment	5,000.00
8.0	Metallurgical Studies	4,000.00
9.0	Contingencies, including supervision and consulting	<u>10,000.00</u>
	Total Phase 1	\$107,000.00

Phase 2

These surveys are success contingent on the results of Phase 1 and will include additional diamond drilling, bulk sampling by raising and drifting, sampling, metallurgy.

Respectfully submitted,

  
John R. Poloni, B.Sc., P. Eng.

Appendix B

References

References

1. Minister of Mines Reports, B.C., 1947 and 1955
2. Jobin, F., 1940. Fil Gold Property, Deep Inlet V.I.
3. Jobin, F., 1938. Notes on the property for Pioneer Gold Mines  
of B.C. Ltd.
4. Patmore, W.H. Dr., 1945. Report on the Patmore Gold Mine, Kyoquot  
Sound, B.C.
5. Campbell, C.M., 1944. Report on Patmore Gold Mine.
6. Claim Map M92L/3E
7. Maps obtained from D. Murphy - Fig. 3 Geology, Fig. 4 Physical Work  
and Topographic Map, Fig. 5 Soil Gold Results.

Appendix C

Certificate

Appendix D

Assay Data

Mill Test

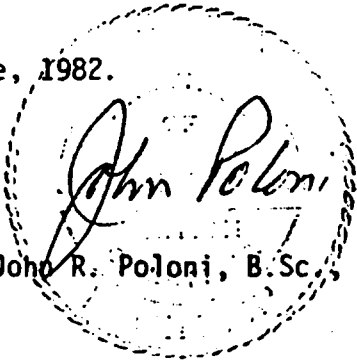
Certificate

I, John R. Poloni, of 5502 - 88 Avenue, in Delta, in the Province of  
British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec,  
where I obtained a B.Sc., degree in Geology in 1964.
3. I am a registered Professional Engineer in the Geological Section  
of the Association of Professional Engineers of the Province  
of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Fellow of the Geological Association of Canada and a  
member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the property on September 17, 1980.
7. I have no interest in the properties and securities of Cal-  
Denver Resources Ltd., nor do I expect to receive or acquire  
any.

Dated this 7th day of June, 1982.

  
John R. Poloni, B.Sc., P. Eng.

---

JOHN R. POLONI P. Eng.  
Consulting Geologist



TO:  
**RED MOUNTAIN RESOURCES LTD.**  
 600 - 885 Dunsmuir Street  
 Vancouver, B.C.

General Testing Laboratory  
 A Division of SGS Supervision Services Inc.  
 1001 EAST PENDER ST., VANCOUVER, B.C., CANADA V6A 1R4  
 PHONE (604) 534-1647 TELEX 04-507514 CANF MONTREAL

**CERTIFICATE OF ASSAY**

No.: 8009-1550      DATE: Sept. 30/80

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

MARKED	GOLD	SILVER	Copper	XXX	XXX	XXX	XXX	XXX
	oz/st	oz/st	Cu. (%)					
9	7.956	0.60	0.02					
10	16.301	0.50	0.03					
11	4.828	0.55	0.30					
12	0.130	0.17	0.01					
13	2.372	0.72	0.44					
14	10.056	2.51	1.03					
15	2.330	0.20	0.13					
16	0.214	0.21	0.02					
17	2.256	0.20	0.02					

*Samples taken by  
 J. Poloni: Sept 17/80*

*J. R. Poloni*

cc. Mr. J. Poloni

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE 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

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors.

MEMBER: American Society For Testing Materials & The American Oil Chemists  
 REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products  
 OFFICIAL WEIGHERS



Feb. 18 th. 1931

AMAI GOLD

Dave Murphy

Delivered 2526 # air dry ore  
High Quartz content minor sulphides and oxidation products,  
highly oxidized.

Total Gold in 2526 # ore.

Cons.

78 # @ 9% moisture equals 71 # dry weight  
 2000 # yield 32.70 Oz. G old  
 71 # Yield  $\frac{71}{2000} \times 32.70 = 1.16$  Oz. Gold

Tails 2526 # minus 71 # equals 2455 # dry.

2000 # Yield 0.30 Oz. Gold  
 2455 # Yield  $\frac{2455}{2000} \times 0.30 = 0.36$  Oz. Gold

Jig Cons. [ Amal gamation ]

27.5 Gms. Gold @ 800 Fine = 22.0 gms. = 0.70 Oz. Gold

Total Gold in 2526 # ore 2.22 Oz.

Calculated Heads

2526 yield 2.22 Oz Gold  
 2000 # "  $\frac{2000}{2526} \times 2.22 = 1.75$  Oz. ~~YpA////////~~

Feb. 18 th 1981

H eads

[ Classifier Overflow ]

1.19 Oz./ Ton

Jig Cons.

2526	#	yields	0.70 Oz. Gold	
2000	#	"	$\frac{2000}{2526}$	X 0.70 = 0.55 Oz./Ton

Heads Total Gold 1.74 Oz./Ton

Notes:

Concentrates- A rough Concentrate was produced, as recovery was the main object.

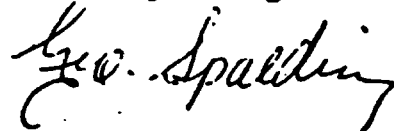
Tailings - Due to the high oxidation of ore recovery was not as good as expected. Oxidized sulphides were noted in the tails, No visible free gold was noted.

A finer grind [ Minus 100 mesh ] would show some improvement.

Samples and assays were under my control at all times.

Signed

Geo. Spalding





# General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA V6A 1W2  
 PHONE (604) 254-1847 TELEX 04-507514 CABLE S. SERVICE

TO:  
 MR. GEORGE SPALDING

## CERTIFICATE OF ASSAY

No.: 8102-1150      DATE: Feb. 16/81

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

MARKED	GOLD	SILVER	XXX	XXX	X XX	XXX	XXX	XXX
	oz/st	oz/st						
Heads	1.194	0.15						
Tails	0.308	0.41						
Conc.	32.705	3.77						

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, CONCLUSIONS 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

APPENDIX 1.

COMPARISON OF SAMPLING RESULTS.

NOTE: Samples marked # reduced in calculations to 5 oz. or \$192.50.  
Values are based on gold at \$38.50 per oz.

Sample No.	<u>CAMPBELL SAMPLING</u>		<u>PATMORE SAMPLING</u>		
	<u>WIDTH</u>	<u>OZ.</u>	<u>VALUE.</u>	<u>OZ.</u>	<u>VALUE.</u>
<b>NO. 1 TUNNEL SHOOT</b>					
4401	11	0.12	\$ 4.62		\$ 9.24
4402	12	0.91	35.03		20.02
4403	6	0.25	9.62		10.01
4404	10	0.08	3.08		5.00
4405	7	0.32	12.32		16.94
4406	9	1.12	43.12		15.78
4407	17	1.84	70.84		41.58
4408	26	0.42	16.17		5.39
4409	20	1.03	39.65		93.55
4410	11	0.32	12.32		6.54
4411	10	0.20	7.70		6.93
4413	9	0.08	3.08		2.69
	12 samples		257.75		233.67
	Average		21.48		19.47
<b>NO. 2 TUNNEL (OUTSIDE) SHOOT</b>					
4415	4	1.38	53.13		17.32
4416	4	2.08	80.08		47.74
4417		no check			
4418	5	1.48	56.98		75.46
4419	6	3.52	135.52		163.24
4420	6	0.26	10.01		6.93
4421	4	1.24	47.74		40.81
4422	12	0.96	36.76		39.27
4423	12	0.19	7.31		4.23
4424	11	0.56	21.56		16.94
4425	16	0.37	14.24		3.08
4426A	12	0.28	10.78		3.85
4426B	12	1.52	58.52		35.80
4427	19	0.63	24.25		16.17
4428	13	1.26	48.51		75.46
4429	8	2.48	95.46		107.60
4430	4	4.84	186.34		92.40
4431	4	6.48 #	249.48	(192.50)	159.39
4432	6	1.30	50.05		72.38
4433	4	2.76	106.26		63.91
4434	25	0.56	21.56		10.01

RIDGEWAY R. WILSON & ASSOCIATES  
MINING ENGINEERS

-11-

NO. 2 TUNNEL (INSIDE) SHOOT

Sample No.	<u>CAMPBELL SAMPLING.</u>		<u>FATHORE SAMPLING.</u>	
	<u>OZ.</u>	<u>VALUE.</u>	<u>OZ.</u>	<u>VALUE.</u>
4455	2	0.04	\$ 1.54	\$ 0.38
4436	2	0.16	6.16	13.09
4437	3	0.10	3.85	2.69
4438	3	0.32	12.32	16.94
4439	3	0.42	16.17	9.62
Note: Above five returns shows values too low to mine, and not included in shoot.				
4440	4	1.90	73.15	125.51
4441	6	0.77	29.64	37.16
4442A	18	2.07	79.69)	96.05
4442B		2.92	112.42)	93.17
4443	6	3.42	131.67	692.99
				( 192.50 )
4444	8	2.16	83.16	222.53
				( 192.50 )
4445	10	0.68	26.18	16.55
4446A	7	1.92	73.92	169.01
4446B	27	15.60 #	600.60	(192.50)
4447A	15	no check		62.37
4447B	12	0.96	36.96	20.40
4448	30	35.22 #	<u>1355.97</u>	(192.50)
				<u>36.19</u>
15 samples			955.78	987.08
Average			63.71	65.80

RIDGEWAY R. WILSON & ASSOCIATES  
MINING ENGINEERS

-12-

Sample No.	CAPPELL SAMPLING.		PATMORE SAMPLING.	
	OZ.	VALUE.	OZ.	VALUE

NO. 3 TUNNEL (OUTSIDE) SHEET

4449	15	0.27	\$ 10.39	\$ 15.78
4450	21	0.42	16.17	22.33
4451	16	0.17	6.54	65.83
4452	5	0.51	19.63	14.63
4453	6	0.43	16.55	22.71
4454	3	0.96	36.96	27.72
4455	8	0.64	24.64	43.12
4456	6	0.19	7.31	5.77
4457	55	0.12	4.62	4.23
4458	5	0.07	2.69	1.92
4459	5	0.31	11.93	15.40
4460	4	0.27	10.39	12.70
4461	4	1.21	43.58	35.42
4462	5	1.58	60.83	62.37
4463	5	0.82	31.57	39.27
4464	7	0.84	32.34	21.17
4465	8	1.75	67.37	61.21
4466	10	1.37	52.74	38.88
4467	4	0.86	33.11	111.26
4468	3	no check		
4469	9	no check		
4470	3	2.08	80.08	129.36
4471	4	3.04	117.04	93.78
4472	6	1.61	61.98	96.79
4473	17	5.72#	220.22 (192.50)	202.80 (192.50)
4474A	13	no check		
4474B	7	no check		
4475	10	5.96#	229.46 (192.50)	294.13 (192.50)
4476	10	1.11	42.73	45.43
4477	10	1.42	54.67	100.87
4478	5	0.57	21.94	33.49
4479	6	0.14	5.39	6.16
4480	4	0.88	33.88	25.02
4481	5	0.42	16.17	17.71
4482	18	1.22	46.97	42.35
4483	16	1.91	73.53	21.56
4484	10	1.38	53.13	33.11
4485	14	1.77	68.14	48.89
4486	12	2.01	77.38	103.16
4487	12	no check		
4488	14	1.15	44.27	3.85
4489	12	1.58	60.06	40.04
4490	10	0.93	35.80	33.88
4491	18	0.15	5.77	7.31
39 samples			1838.00	1899.48
Average			47.13	48.43

RIDGEWAY R. WILSON & ASSOCIATES  
MINING ENGINEERS

-13-

<u>Sample No.</u>		<u>CAM BELL SAMPLING.</u> <u>OZ.</u>	<u>VALUE.</u>	<u>PATMORE SAMPLING.</u> <u>OZ.</u>	<u>VALUE</u>
<u>No. 3 TUNNEL (INSIDE) SHEET</u>					
4492	8	0.79	\$ 30.41		\$ 13.09
4493	11	1.71	65.83		217.13
					(192.50)
4494	12	1.50	57.75		40.04
4495	13	0.20	7.70		5.39
4496	8	4.08	157.08		126.58
4497	7	1.56	60.06		35.03
4498	12	0.48	18.48		41.96
4499	45	1.66	63.91		60.83
4500	8	0.24	9.24		3.08
4501	4	1.47	53.59		82.39
4502	25	0.55	13.47		22.33
4503	15	0.71	27.33		18.09
4505		no check			
4506		4.88	187.88		324.94
					( 192.50)
	13 samples		\$752.73		\$833.81
	Average		57.90		64.13
<u>TOTAL</u>					
	99 samples		\$5062.04		\$5006.03
	Average		51.13		50.56

Analytical Laboratory  
541 Superior Street  
Victoria, B. C.  
V8V 1T7

June 21, 1978

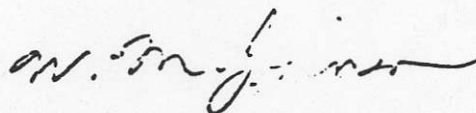
Mr. David Murphy  
Box 142  
Vananda, B. C.  
V0N 3K0

Dear Mr. Murphy,

The total amount of gold found in your sample No. 574 D was 4.18 mg in the 23.5 g sample. The value of gold used in the calculation was \$170.00 per ounce. For your samples No. 578 D and 579 D the amount of gold was 31.33 mg of gold in 471 g of sample for the former and 149.5 mg of gold in 474 g of sample for the latter. The value of gold used was \$170.00 per ounce.

The results to your samples No. 575 D, 576 D and 577 D were forwarded to you May 25, 1978.

Sincerely,



W. M. Johnson,  
Chief Analyst





DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... DAVID MURPHY

ADDRESS..... Box 242, Vananda, B. C. VON 3K0

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
1390 RUBBLIZED QUARTZ FROM # 2 ADIT	578 D	Spectrochemical Analysis: 0.25% Copper; 0.02% Lead and 0.06% Zinc were found. The other base metals found, and their percentages, were those occurring nor- mally in rocks.  Total value of Gold in sample = 17c Total value of Silver in sample = 1/10c Total weight of sample - 471 grams Ag - \$2.12/T, 0.42 oz/T Au - \$36/T, 2.12 oz/T
1391 NON PURED WHITE QUARTZ FROM # 2 ADIT	579 D	Spectrochemical Analysis: 0.04% Copper; 0.02% Zinc and 0.03% Bismuth were found. The other base metals found, and their percentages, were those occurring nor- mally in rocks.  Total value of Gold in sample = 82c Total value of Silver in sample = 3/10c Total weight of sample - 474 grams  Au at \$170./oz = 10.18 oz/T Value as quoted - \$1715.00/T  Ag at \$5.00/oz - 1.27 oz/T Value as quoted - \$6.33 per T

THIS DOCUMENT, OR ANY PART THEREOF, MAY NOT BE REPRODUCED  
FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE..... May 24, 1970.....

*W. Fr. Johnson*  
 CHIEF ANALYST AND ASSAYER.


 DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
 VICTORIA

SAMPLE RECEIVED FROM..... DAVID MURPHY.....

ADDRESS..... Box 142, Vananda, B. C. ....

LABORATORY NO.	SUBMITTER'S MARK	LABORATORY REPORT
1372	572 D <i>FELSIC DYKE ROCK #1 ADIT MASSIVE SULFIDES</i>	Spectrochemical Analysis: 0.01% Zinc was found. The other base metals found, and their percentages, were those occurring normally in rocks.  Gold - 0.42 oz. per ton Silver - 0.1 oz. per ton
1373	572 D <i>PAVLEN FELSIC DYKE ROCK #1 ADIT</i>	Spectrochemical Analysis: The only base metals found, and their percentages, were those occurring normally in rocks.  Gold - Trace Silver - Trace
1374	573 D <i>AS ABOVE</i>	Spectrochemical Analysis: 0.01% Lead; 0.02% Copper and 0.03% Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.  Gold - Trace Silver - Trace
1375	574 D <i>PAVLEN IRON PYRITE #1 ADIT NO FREE GOLD</i>	Spectrochemical Analysis: 0.02% Zinc and 0.01% Cobalt were found. The other base metals found, and their percentages, were those occurring normally in rocks.  Total Value of GOLD in sample = 2.4¢ Total Value of SILVER in sample <0.01¢  Total Weight of sample 26.5 grams. <span style="float: right;">} 800.57 } 700.35 } 200.17</span>

 THIS DOCUMENT, OR ANY PART THEREOF, MAY NOT BE REPRODUCED  
 FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE..... APRIL 7, 1970.....