

Open file

001289

should be  
↓  
682ESE119  
28.

TEXAS  
GRANADA  
J

**MAYMAC EXPLORATIONS Ltd.**

**J - GROUP**

**Geochemical Report**

*82-10*

**January 1979**

**MAYMAC EXPLORATIONS Ltd.**

**J - GROUP**

GREENWOOD M.D., B.C.  
Lat. 49° 02' N Long. 118° 50' W

**Geochemical Report**

by V. CUKOR, P. ENG. ■ NVC ENGINEERING LTD. ■ VANCOUVER, B.C.

## TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION	1
2. REVIEW	
2.1 SUMMARY	2
2.2 CONCLUSIONS	3
2.3 RECOMMENDATIONS	4 - 5
2.4 COST ESTIMATE	6
3. PROPERTY	
3.1 CLAIMS	7
3.2 LOCATION	7
3.3 ACCESS	8
3.4 TOPOGRAPHY AND CLIMATE	8 - 9
4. HISTORY	10 - 12
5. GEOLOGY	
5.1 GENERAL GEOLOGY	13 - 14
5.2 LOCAL GEOLOGY	14 - 15
5.3 MINERAL SHOWINGS	15 - 18
6. GEOCHEMICAL SOIL SURVEY	
6.1 PREVIOUS SURVEY	19 - 20
6.2 SAMPLING METHODS	20 - 21
6.3 LAB PROCEDURE	21
6.4 DISCUSSION OF RESULTS	22 - 23
7. 1978 COSTS	

## ILLUSTRATIONS

- Fig. 1            LOCATION MAP
- Fig. 2            CLAIMS AND GEOLOGY
- Fig. 3            GEOCHEMICAL ANOMALIES
- Fig. 4            PROPERTY AND GEOCHEMICAL MAP - COPPER PLOT

## PHOTOGRAPHS

- 1            PANORAMIC VIEW OF THE PROPERTY
- 2            SHOWING AREA
- 3            No. 2 SHOWING
- 4            No. 2 SHOWING - DETAIL

MAYMAC EXPLORATIONS LTD.

J-CLAIM GROUP

GREENWOOD, B.C. AREA

1. INTRODUCTION

A geochemical soil survey was carried out by the author on the J-Claim Group during the month of October 1978. The work was done on behalf of the owners, MAYMAC EXPLORATIONS LTD., Vancouver, B.C.

Prior to the work program described in this report, the author had visited the property on several occasions. In June 1978, a chain and compass survey of the claims was attempted but irregularities in staking were found and the author recommended relocating the claims. This was subsequently carried out by the company

This report also summarizes the results of prior programs carried out on various parts of the property

Mr. H. Vannerus, a principal of the company, accompanied the author on the field program.

## 2. REVIEW

### 2.1 SUMMARY

The property is in an area that has a history of extensive mining activity. It is underlain by a complex of sedimentary and intrusive rocks of Mesozoic Age, which is the host of several ore bodies. The nearby Phoenix copper-gold ore body has a geological setting very similar to the one found on the J-Claim property.

A large copper geochemical anomaly on the western portion of what is now known as the J-Claims was explored in detail by Texas Gulf and Bonus Resources.

During 1978, a geochemical survey by the author outlined a new anomalous area approximately 800 x 150 meters on the eastern portion of the property, with a peak reading of about 2,000 ppm copper. Some anomalous silver and gold values were obtained as well. The copper anomaly is associated with altered outcrops mineralized by irregular chalcopyrite.

2. REVIEW (Cont'd)

2.2 CONCLUSIONS

The copper mineralization appears in calc-silicate skarn, enveloped by the Sharpstone conglomerate, a similar geological setting to the Phoenix Copper Mine. The scattered mineral showings are associated with two large and strong geochemical anomalies, which in several locations coincide with anomalous I.P. readings. Detailed mapping of the Texas-Granada anomaly revealed that some parts overlie monzonite porphyry, and it is surrounded by a wide pyrite - epidote halo.

All these coinciding factors indicate for a fact that favourable conditions for finding a major copper ore body are present on the J-Claim property, and further exploration is, in the writer's opinion, fully warranted.

2. REVIEW (Cont'd)

2.3 RECOMMENDATIONS

The next stage of the work program should be designed to explore and drill test the 1978 geochemical anomaly. At a later date, several drill sites will be selected on the Texas Gulf-Bonus Resources anomaly to test for the presence of sulfides.

Therefore, this years exploration program should be carried out in two stages and a total budget of about \$45,000.00 should be provided for its completion.

During the first stage, the geochemical survey should be expanded south and west from the grid. Detailed geological mapping should be expanded from the areas covered by the Texas Gulf geological map. Several trial lines should be run by a ground magnetometer to explore whether such a survey would assist in geological mapping. The part of the area covered by volcanics should be checked for uranium.



2. REVIEW (Cont'd)

2.3 RECOMMENDATIONS (Cont'd)

In preparation for this stage of the program, a 1:10,000 topographic base map should be prepared from air photographs and all previous information should be compiled on it.

On completion of the first stage, the best targets will be selected for testing by diamond drilling. Approximately 1,200 ft. of B.Q. drilling in four holes is estimated to be sufficient for the initial testing of the geochemical anomaly. If favourable results are obtained at this stage, a large scale drill program will be necessary to explore the anomaly in detail.

If funds are now available, the map preparation and data compilation should start immediately, followed by the first stage of the field survey in the spring when weather permits. After all data is in and the study finished, the second stage could be completed by the end of the 1979 field season.

2. REVIEW (Cont'd)

2.4 COST ESTIMATE

Stage I

Topo Map Preparation	1,000.00	
Data compilation and photogeological study	2,000.00	
Geochemical survey, including grid expansion and surveys	5,000.00	
Detailed Geological Mapping	2,500.00	
Magnetometer Survey	1,000.00	
Scintillometer Reconnaissance	1,500.00	
Transportation, Food, Lodging	<u>2,000.00</u>	15,000.00

Stage II

Diamond Drilling, 1,200 ft @ 12.00 ft	14,400.00	
Geologist	2,600.00	
Food & Lodging	2,500.00	
Vehicle Rental	1,500.00	
Drill Site and Road Preparation		
Bulldozer                      70 hr @ 50.00 hr	3,500.00	
Assays	<u>500.00</u>	25,000.00
Engineering and Final Report		3,000.00
Contingencies		<u>2,000.00</u>
TOTAL BUDGET		<u><u>\$45,000.00</u></u>

3. PROPERTY

3.1 CLAIMS

The following three contiguous mineral claims form the J-CLAIM Group

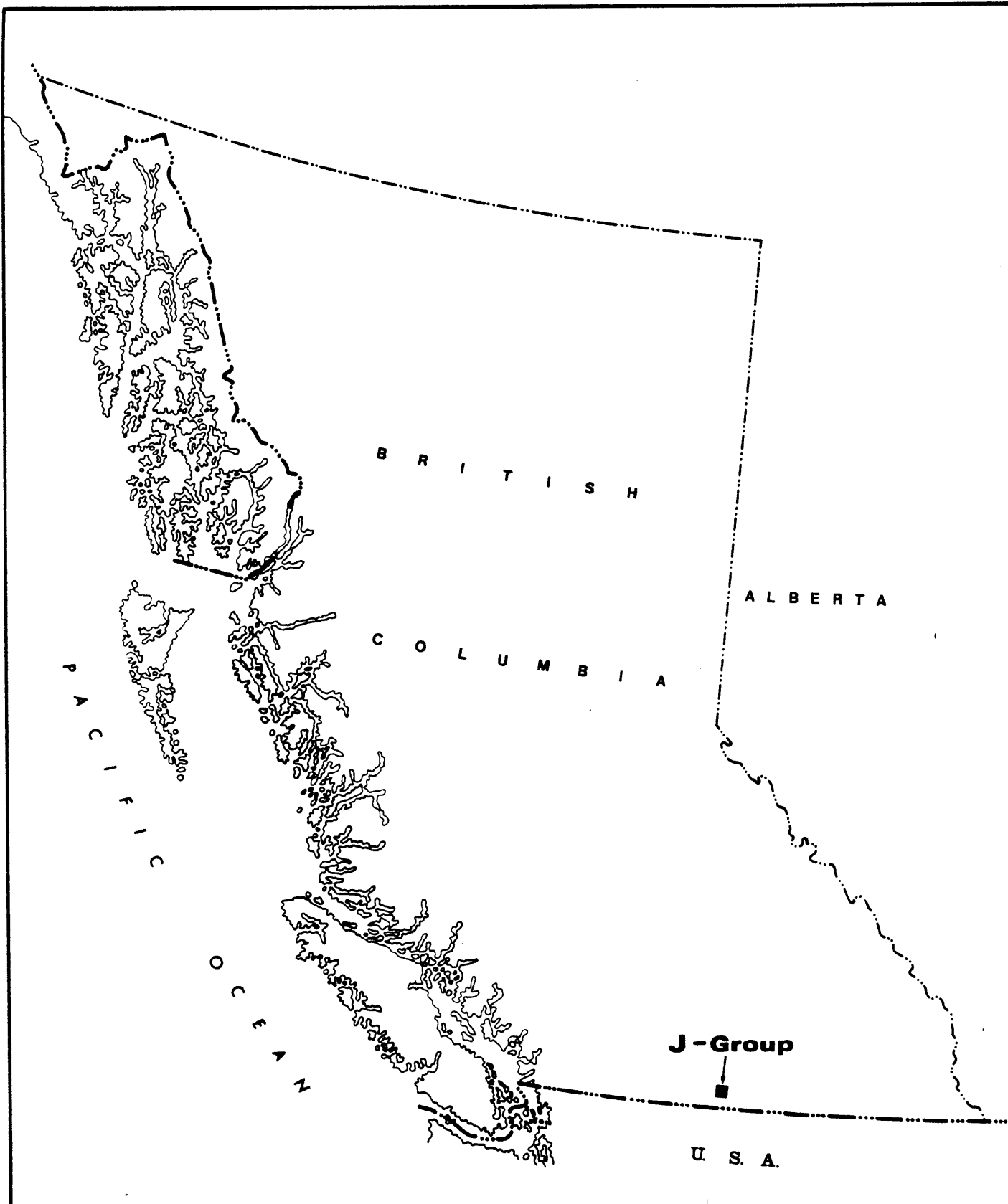
<u>Claim</u>	<u>No. Units</u>	<u>Record No</u>	<u>Expiry Date</u>
J-1	9	1223	July 27, 1979
J-2	4	1224	July 27, 1979
J-3	10	1225	July 27, 1979

The claims are 100% owned by MAYMAC EXPLORATIONS LTD.,  
Vancouver, B.C.

3.2 LOCATION

The property is located on Ingram Creek, approximately 1.5 miles northwest of the community of Midway, B.C. and immediately north of the Kettle River. It is in the Greenwood Mining Division, on Map N.T.S. 82E/2W. The centre of the claims is at approximately 49°02' north latitude and 118°50' west longitude.

The distance to Greenwood B.C. is only about ten miles by road and about one hundred twenty miles to Trail, B.C.



**MAYMAC EXPLORATIONS LTD.**

J-CLAIM GROUP

**LOCATION MAP**

GREENWOOD M.D., B.C.

82 E/2 W

V.CUKOR, P.Eng. NVC ENGINEERING Ltd, VANCOUVER, B.C.

DATE: JAN. 1979

SCALE: 0  100 Miles

FIG. 1

3. PROPERTY (Cont'd)

3.3 ACCESS

The property is readily accessible by provincial Highway #3 which passes only a short distance from the claims. A network of good quality dirt roads makes any part of the property easily accessible.

Good supply centres are only a short distance from the property, Greenwood being only ten miles, Osoyoos forty miles and Vancouver three hundred miles. Since Greenwood is an old mining community, experienced labour and equipment is readily available.

Canadian Pacific Railway tracks run parallel to the highway and both hydroelectric power and natural gas pipe lines cross the property.

3.4 TOPOGRAPHY AND CLIMATE

The property elevation is from 2,200 ft. to 2,700 ft. above sea level, making a total relief of approximately 500 ft. The topography is characterized by rolling grassy hills with clumps of ponderosa pine.



Photo 1 Panoramic view of the property



Photo 2 Showing area

3. PROPERTY (Cont'd)

3.4 TOPOGRAPHY AND CLIMATE (Cont'd)

The climate of the area is a variation of the Continental climate, locally characterized by hot summers and very cold winters. Atmospheric precipitation is moderately low and snowfalls seldom exceed two feet. The property is free of snow from April to late November. Major water supply is available from the Kettle River and for a limited drill program sufficient water is accumulated in several ponds scattered over the property. A plentiful supply of good timber is on the property for exploration and/or production work.

4. HISTORY

The Greenwood B.C. area is well known for its extensive mining activity in the past. Mining exploration started in the area around 1891, after discovery of the Phoenix Copper deposits. By 1900 a small smelter had been constructed in Greenwood and a number of small high grade gold and silver prospects were being developed. Better known among these were Providence, Skylark-Denver, Last Chance and Gold Finch. A peak production of 1,250,000 tons of ore was reached in the district in 1913 and from that time a steady decline started. A labour strike at Crowsnest Coal Fields in 1919 halted the coke supply to the smelter and this resulted in a closure of all mines in the area.

A new phase of mining activity began again in 1933 as a result of the rise in the gold price. Limited gold and silver exploration was carried out and a number of small gold and silver mines were reopened.

The area experienced another round of intensive exploration again in the late 1950's when Granby Consolidated Mining & Smelting reopened the Phoenix works in 1955. By 1958 the mine reached full production of 1,500 tons per day.



4. HISTORY (Cont'd)

Recently, after the G.S.C. regional lithogeochemical survey encountered uranium in Tertiary alkaline volcanic rocks, a new staking rush was triggered and extensive exploration was revived throughout the region.

Two locations on the J-CLAIMS show evidence of past mining activity. According to documents, E.S. Graham explored a number of crown granted claims on Ingram Creek, and the area was later referred to as the "Graham Camp". The crown granted claim "Granada" now enveloped by the J-Claims was among these claims. Mineral showings were explored by open cuts, small shafts and short adits. The other area was the old "Lois Zone" from which it is evident that small scale production was carried out. However, no records showing tonnages or grades of shipped ore are known to the author.

After this early operation ceased, there is no record of any mining activity until recently when Utah Construction Ltd. performed a geophysical survey and some diamond drilling. In 1968 Texas Gulf located the G-TO

4. HISTORY (Cont'd)

group of claims. Detailed geological mapping and geochemical surveys were carried out in the Texas-Granada crown claims area. In 1972 Bonus Resources extended the geological mapping and geochemical surveys and carried out an I.P. survey but the slump in metal prices on the world market brought a halt to all exploration activities in the area.

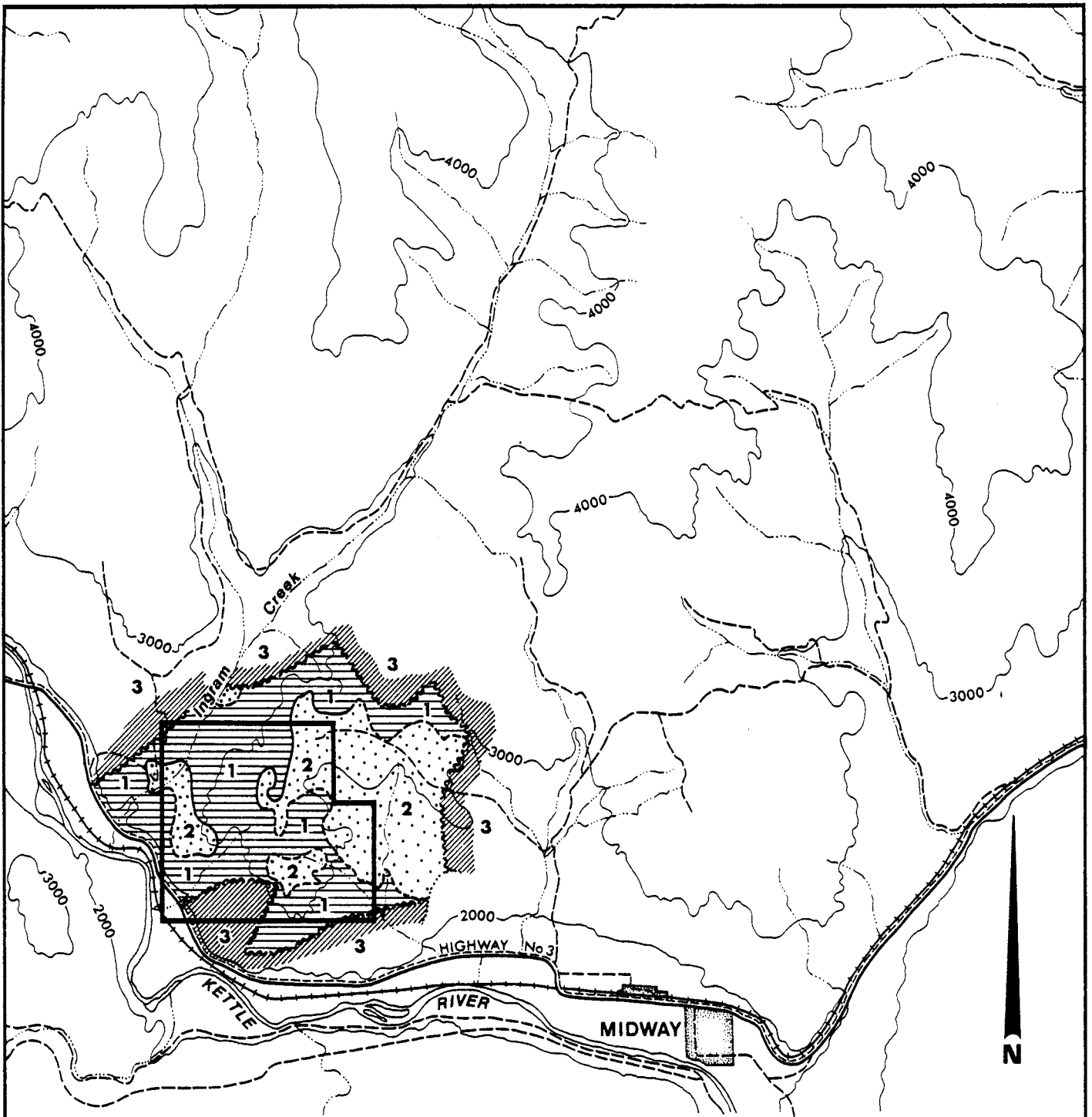
## 5. GEOLOGY

### 5.1 GENERAL GEOLOGY


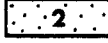

The area is underlain by the spectrum of the sedimentary, intrusive and volcanic rocks ranging from the Permian to Tertiary ages.

The oldest rocks are sediments of the Permian age which are succeeded by the middle Triassic sedimentary sequence of the Anarchist Group. This is economically the most important, being a host for numerous ore bodies. A number of them are irregular replacement bodies in the impure skarned limestone called Brooklin Formation, within the Anarchist Group. This limestone is usually enveloped by a distinct chert-pebble conglomerate, locally called Sharpstone conglomerate

The sedimentary succession has been invaded by the granitic intrusives of Mesozoic to Tertiary ages, some of them economically important as well as hosts of silver bearing quartz veins.



**LEGEND**

-  3 TERTIARY - Kettle River Formation
-  2 UPPER MESOZOIC - Granitic Intrusives
-  1 MESOZOIC and Older Sediments

**MAYMAC EXPLORATIONS LTD.**

J - CLAIM GROUP

**CLAIMS and GEOLOGY**

GREENWOOD M.D., B.C.

82 E/2W

V. CUKOR, P. Eng. NVC ENGINEERING Ltd, VANCOUVER, B.C.

DATE: JAN. 1979.

SCALE:  1 Mile  
0 1 km

FIG. 2

5. GEOLOGY (Cont'd)

5.1 GENERAL GEOLOGY (Cont'd)

This older complex is overlain by the Tertiary Kettle River formation consisting of conglomerates, sandstones and shales and by the volcanic flows of the Phoenix Volcanic Group.

The general geology is shown in the G.S.C. Map 10-1967 Greenwood, appended to paper 67-42. Fig. 2 shows a generalized geology and outline of the J-Claim property.

5.2 LOCAL GEOLOGY

Detailed geological mapping of the western portion of the property was carried out by Texas Gulf and Bonus Resources Ltd.

The rock units are of sedimentary origin such as greywacke, hornfels, sharpstone conglomerate and skarn, marble and limestone, which were invaded by intrusives of monzonitic composition. In three localities serpentinite was encountered.

5. GEOLOGY (Cont'd)

5.2 LOCAL GEOLOGY (Cont'd)

In the property area, this complex is covered by various volcanic flows ranging from andesite and trachite to basalt.

In the Ingram Creek Canyon the bedding measured in the skarned limestone indicates a west-northwest strike and a flat southerly dip. However, many different attitudes were measured in various parts of the property. These indicate the complexity of the structure resulting from the local faults and even more by numerous irregular intrusions.

5.3 MINERAL SHOWINGS

There are two main areas of interest on the J-Claim property (see Fig. 3) The first group of showings is in the area of the crown grants Texas-Granada, accompanied by an extensive geochemical copper anomaly, coinciding in places with an I.P. anomaly. This area was the main subject of the Texas Gulf and Bonus Resources reports.



Photo 3 No 2 showing



Photo 4 No 2 showing, detail

5. GEOLOGY (Cont'd)

5.3 MINERAL SHOWINGS (Cont'd)

A 1978 geochemical copper anomaly overlays a number of showings opened by cuts and shallow shafts (see Fig 3 and 4) On the largest showing some limited high grade production was obviously carried out but no records are available. The showings contain mostly pyrite accompanied by chalcopyrite and minor bornite in intensely altered rocks. The other minerals are magnetite, specularite, and limonite while malachite and azurite are abundant in the outcrops surrounding the main showing. Although some silver is present in the assays the author has not identified any silver minerals to date.

Very intense alteration was also noted northwest of the showing and some scattered chalcopyrite was found disseminated in this rock type. A fragment of black chert with fine metallic gold was found in the float, south of the showings.



5. GEOLOGY (Cont'd)

5.3 MINERAL SHOWINGS (Cont'd)

Two grab samples collected by the author in 1977, returned:

Sample	oz/t Au	oz/t Ag	% Cu
530	.002	.33	1.26
531	.028	1.23	3.59

The first sample represented highly pyritized skarn with some visible chalcopyrite. The second sample contained higher grade chalcopyrite with minor bornite. A small portion of the dump consists of chunks of almost solid chalcopyrite.

In 1978 the author sampled the walls of the main cut. The pyritized skarn with practically no visible copper assayed:

Sample	oz/t Au	oz/t Ag	% Cu
0676 R	.002	.15	.67

A random sample of chalcopyrite-pyrite mineralized sections assayed:

Sample	oz/t Au	oz/t Ag	% Cu
0677 R	.068	.48	.90

5. GEOLOGY (Cont'd)

5.3 MINERAL SHOWINGS (Cont'd)

Mineralization appears in blobs, fractures and disseminations in extremely irregular forms and the author did not attempt at this time, to obtain representative samples on any of the mineralized outcrops. Silver to copper ratio seems to vary and values from .26 to .49 oz silver to 1% copper were obtained so far.

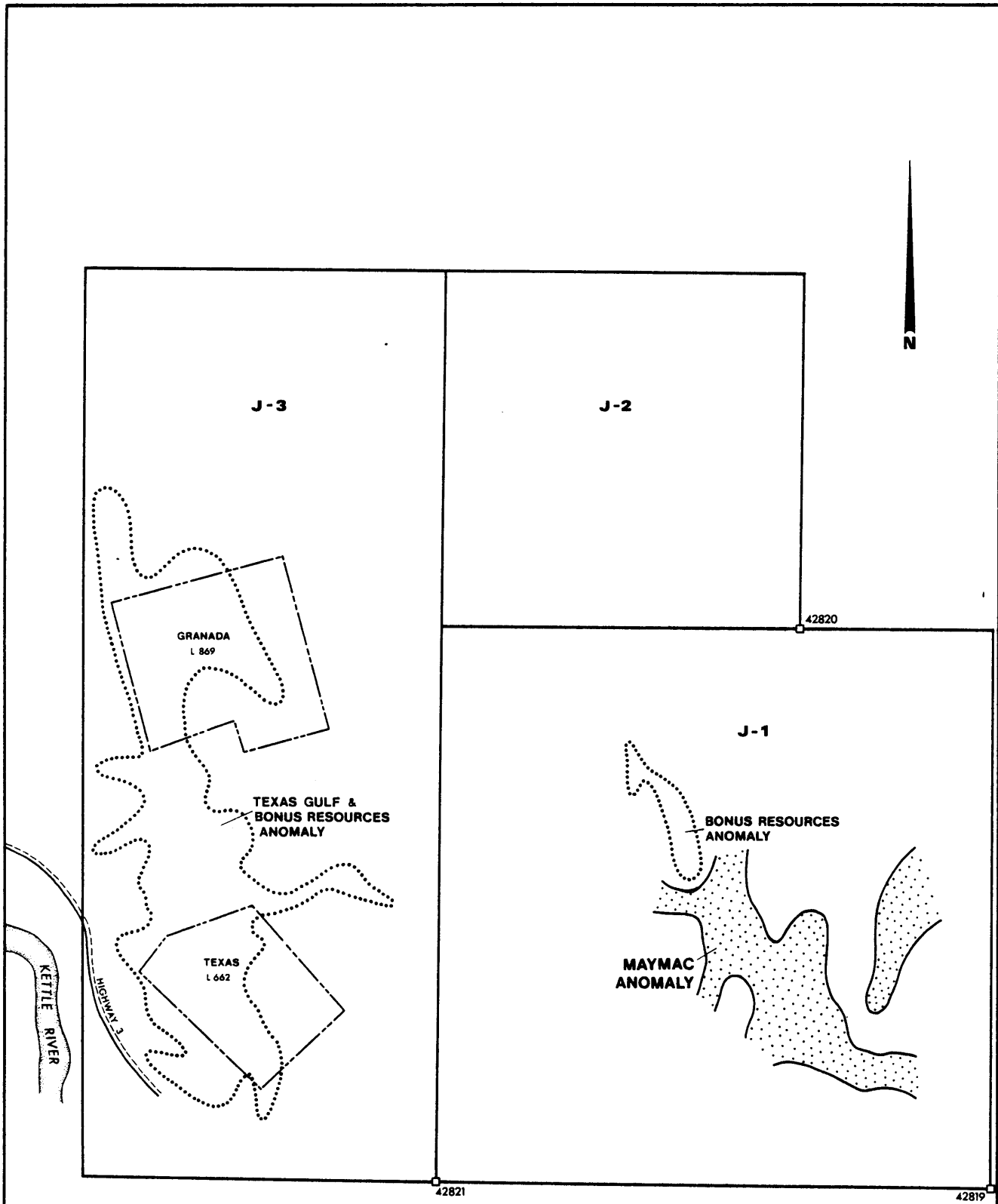
6. GEOCHEMICAL SOIL SURVEY

6.1 PREVIOUS SURVEY

Texas Gulf Ltd. carried out an extensive geo-chemical soil survey for copper in the area of the Texas and Granada crown granted claims in the western part of the J-Claim property. This survey was subsequently extended by Bonus Resources Ltd. in east and south directions

Over 900 samples were collected by Texas Gulf and an additional 646 samples were taken by Bonus Resources. The distribution curve and histogram were constructed and it was found that for most of the area, values higher than 50 ppm copper should be considered anomalous and the 100 ppm contour is taken as a limit of definitely anomalous area. In the Texas-Granada area the 100 ppm contour outlines an area of approximately one mile long and an average of 500 ft to 800 ft wide.

The 1978 soil sampling performed by the author was an extension of previous surveys.



<b>MAYMAC EXPLORATIONS LTD.</b>			
J-CLAIM GROUP			
<b>GEOCHEMICAL ANOMALIES</b>			
GREENWOOD M.D., B.C.		82 E/2W	
V. CUKOR, P. Eng. NVC ENGINEERING Ltd, VANCOUVER, B.C.			
DATA: JAN. 1979.	SCALE: 0 400 800 feet	FIG. 3	

6. GEOCHEMICAL SOIL SURVEY (Cont'd)

6.1 PREVIOUS SURVEY (Cont'd)

Since a much greater number of samples were taken in these surveys, the limits defining anomalous and definitely anomalous zones calculated at that time are accepted by the author. Therefore all values over 100 ppm Cu will be considered definitely anomalous.

6.2 SAMPLING METHODS

The samples were collected along 100 metre grid lines at 50 metre stations established by chain and compass survey. In the vicinity of mineral showings 50 metre lines were spaced in as well.

All samples were collected from small pits dug with a mattock, preferably from the brown "B" horizon. On the hillsides, covered with loose talus and/or in the outcrop areas any fine material which could have been collected was sampled. The samples were taken from below the black organic layer wherever it was developed.

6. GEOCHEMICAL SOIL SURVEY (Cont'd)

6.2 SAMPLING METHODS (Cont'd)

All samples were packed up in the standard paper envelopes, partially dried and delivered to General Testing Laboratories Ltd., Vancouver, B.C. to be assayed for copper, silver and gold.

A total of 147 samples were collected and results were plotted on the geochemical map (see Fig. 4)

6.3 LAB PROCEDURE

The samples were dried up, sifted and -80 mesh fraction was used to process as follows:

Copper, Silver: 1gm sample, nitric, perchloric acid digestion to dryness. Sample solution in nitric-mercury solution, determination by atomic absorption spectrophotometry.

Gold : 15 gm sample, isolation of gold by fire assay method. Resultant dore bead solution by aqua-regia, determination by atomic absorption spectrophotometry.

The instrument used was Jarill Ash 800.

## 6. GEOCHEMICAL SOIL SURVEY (Cont'd)

### 6.4 DISCUSSION OF RESULTS

From the Texas Gulf survey, it was accepted that all values higher than 100 ppm copper should be considered definitely anomalous. From a total of 147 samples, 49 fell into this category. The highly anomalous readings, with a peak of 1955 ppm Cu are mostly concentrated in the area with the known mineral showings.

The 100 ppm copper contour outlines an impressive zone over 800 metres long and an average of over 150 metres wide with a highly anomalous core concentrated in the area with mineralized outcrops. The peak reading of 1955 ppm copper is located about 80 metres north and uphill from the closest mineralized outcrop.

In its northwestern part, the grid overlaps an area sampled by Texas Gulf. Although the old sampling locations could not be located in the field, approximate locations were taken from the maps, and the recent anomaly almost joins the one outlined by Bonus Resources Ltd.

6. GEOCHEMICAL SOIL SURVEY (Cont'd)


6.4 DISCUSSION OF RESULTS (Cont'd)

For most of the grid area, the sampled material is derived from the underlying bedrock and limited downhill seepage is developed only in the main showing area. The strength and size of the anomaly is significant and it represents an excellent exploration target.

Throughout the grid, some scattered anomalous silver and gold values were encountered, sometimes coinciding with high copper readings. It is not clear as yet whether there is a connection between these anomalous readings and copper mineralization.

RESPECTFULLY SUBMITTED

January 31, 1979

  
V. CUKOR, P. ENG.



7. 1978 COSTS

1. Property Survey by V. Cukor, P. Eng June 16 - 21, 1978		1,016.18
2. Abandonment and Restaking of property June 30, 1978		
Amex Exploration Ltd.	1,725.00	
Telephone Calls	10.00	
Maps	36.25	
Travel Expense, Meals,	94.30	
Casual Labour 2 days \$100	<u>200.00</u>	2,065.55
3. Geochemical Soil Survey, October 1978		
NVC Engineering	1,789.25	
Assays - General Test	920.56	
Field Expenses	193.39	
Casual Labour 5.5 \$100	<u>550.00</u>	3,453.20
4. Engineers Report		<u>940.00</u>
		<u><u>\$7,474.93</u></u>

# 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: **MAY-MAC EXPLORATION LTD.**  
**720 - 505 Burrard Street**  
**Vancouver, B.C.**

## CERTIFICATE OF ASSAY

No.: 7810-0353      DATE: October 12/78

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

MARKED	GOLD		SILVER	Copper	xxx	xxx	xxx	xxx	xxx
	Au (ppm)	Ag (ppm)	Ag (ppm)	Cu (ppm)					
BL - 0 + 00	0.08	2.5		68					
0 + 25N	<0.01	2.3		99					
0 + 50N	0.03	2.3		57					
0 + 75N	0.08	2.1		75					
1 + 00N	0.13	2.1		91					
1 + 25N	0.18	2.3		57					
1 + 50N	0.18	2.3		87					
1 + 75N	0.08	2.1		43					
2 + 00N	0.14	2.4		34					
2 + 25N	0.06	2.3		30					
2 + 50N	0.03	2.1		38					
2 + 75N	0.08	2.2		30					
3 + 00N	0.03	2.3		25					
0 + 25S	0.03	2.5		77					
0 + 50S	0.03	2.5		95					
0 + 75S	<0.01	2.3		110					
1 + 00S	0.03	2.5		133					
1 + 25S	0.03	2.4		110					
1 + 50S	0.03	2.8		89					
1 + 75S	0.03	2.5		106					
2 + 00S	0.03	2.5		35					
2 + 25S	0.03	2.5		37					
2 + 50S	0.01	2.7		57					
2 + 75S	0.04	3.1		89					
3 + 00S	0.04	3.3		24					
3 + 25S	0.08	3.1		41					
3 + 50S	0.04	4.2		59					
3 + 75S	0.01	2.7		57					
4 + 00S	0.01	3.1		72					
4 + 25S	0.04	2.9		46					
4 + 50S	0.01	2.5		50					
4 + 75S	0.01	2.2		42					
BL - 5 + 00S	0.04	3.1		65					

/ Continued on page 2.....

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.

*R. Nadeau*  
**R. NADEAU, Chemist**

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

# 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:  
**MAY-MAC EXPLORATION LTD.**

(Continued) ... page 2 ...

## CERTIFICATE OF ASSAY

No.: 7810-0353      DATE: Oct. 12/78

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

MARKED	GOLD		SILVER	Copper	xxx	x xx	xxx	x xx	xxx
	Au (ppm)	Ag(ppm)		Cu (ppm)					
LINE '0' - 0 + 50E	0.04	2.3		28					
0 + 50W	0.01	2.3		89					
1 + 00E	<0.01	2.3		159					
1 + 00W	<0.01	2.3		73					
1 + 50W	0.01	2.1		82					
1 + 50E	<0.01	2.5		156					
2 + 00E	0.12	2.7		167					
2 + 00W	<0.01	2.3		200					
2 + 50W	0.01	2.3		179					
3 + 00W	0.01	2.7		70					
3 + 50W	0.04	2.5		50					
4 + 00W	0.08	2.4		51					
4 + 50W	0.01	2.4		93					
5 + 00W	0.01	2.5		74					
5 + 50W	0.04	2.3		45					
LINE '0' - 6 + 00W	0.01	2.3		192					
LINE 1N - 0 + 50W	0.01	2.3		91					
1 + 00W	0.01	2.4		133					
1 + 50W	0.01	2.3		80					
2 + 00W	0.04	2.7		55					
2 + 50 <sup>W</sup>	<0.01	2.3		89					
3 + 00W	<0.01	2.9		29					
3 + 50W	<0.01	2.5		36					
LINE 1N- 4 + 00W	<0.01	2.3		43					
LINE 2N - 0 + 50W	0.01	2.4		47					
1 + 00W	0.04	2.3		80					
1 + 50W	<0.01	2.5		104					
2 + 00W	<0.01	2.9		29					
2 + 50W	0.01	2.1		27					
3 + 00W	0.01	2.3		30					
3 + 50W	<0.01	2.1		29					
LINE 2N - 4 + 00W	0.04	2.1		119					

/Continued on page 3 .....

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.

*R. Naudeau*  
**R. NADEAU, Chemist**

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

# 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:  
**MAY-MAC EXPLORATION LTD.**  
  
 (Continued) ... page 4,.....

## CERTIFICATE OF ASSAY

No.7810-0353      DATE: Oct. 12/78

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

MARKED	GOLD	SILVER	Copper	XXX	XXXX	XXXX	XXXX	XXXX
	Au(ppm)	Ag (ppm)	Cu(ppm)					
LINE 1S - 5 + 00W	<0.01	3.9	131					
5 + 50W	0.07	2.3	85					
LINE 1S - 6 + 00W	0.07	2.1	50					
LINE 1+50S - 0 + 50W	0.04	2.1	198					
1 + 00W	<0.01	3.3	418					
1 + 50W	<0.01	2.6	293					
2 + 00W	<0.01	3.9	226					
2 + 50W	<0.01	2.9	191					
3 + 00W	<0.01	4.3	141					
3 + 50W	<0.01	2.7	458					
4 + 00W	<0.01	2.3	255					
4 + 50W	<0.01	2.5	122					
5 + 00W	<0.01	2.1	57					
5 + 50W	0.03	2.3	60					
LINE 1+50S - 6 + 00W	<0.01	2.1	60					
LINE 2S - 0 + 50W	<0.01	3.3	556					
1 + 00W	<0.01	3.8	1340					
1 + 50W	0.03	2.1	99					
2 + 00W	0.06	2.3	103					
2 + 50W	<0.01	2.3	65					
3 + 00W	<0.01	2.1	82					
3 + 50W	0.03	2.1	180					
4 + 00W	<0.01	2.3	223					
4 + 50W	0.06	2.1	53					
5 + 00W	0.03	2.5	134					
5 + 50W	<0.01	2.5	53					
LINE 2S - 6 + 00W	0.06	2.7	82					
LINE 2+50S - 0 + 50W	0.03	2.5	83					
1 + 00W	<0.01	2.7	114					
1 + 50W	<0.01	3.8	68					
2 + 00W	<0.01	2.5	41					
2 + 50W	0.12	2.5	39					
3 + 00W	<0.01	2.3	137					
LINE 2+50S - 3 + 50W	<0.01	2.3	45					

/Continued on page 5 .....

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.

*R. Naudeau*  
**R. NADEAU, Chemist**

~~CONFIDENTIAL~~

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

# 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:  
**MAY-MAC EXPLORATION LTD.**

(Continued) ... page 5 ....

## CERTIFICATE OF ASSAY

No.: 7810-0353      DATE: Oct. 12/78

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

MARKED	GOLD	SILVER	Copper	xxx	xxxx	xxx	xxx	xxx
	Au(ppm)	Ag(ppm)	Cu (ppm)					
LINE 2+50S - 4 + 00W	<0.01	2.4	49					
4+ 50W	0.14	2.1	94					
5 + 00W	0.03	2.1	28					
5 + 50W	<0.01	2.0	150					
LINE 2+50S 6 + 00W	<0.01	2.0	39					
~								
SS 1	<0.01	2.0	23					
SS 2	0.09	2.0	45					
SS 3	<0.01	2.5	30					
SS 4	<0.01	2.3	27					
SS 5	0.03	2.5	20					
SS 6	0.06	2.5	21					
SS 7	<0.01	2.1	61					

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.

*R. Naudeau*  
**R. NADEAU, Chemist**

xxxxxxx

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

## BIBLIOGRAPHY

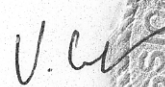
- Hallof, P.G. & Goudie, M.A. 1972 Report on Induced Polarization & Resistivity Survey on the Way Mineral Claim Group, Granada and Texas Crown Grants, Greenwood Area, Bonus Resources Ltd.
- Fahrne, K.C. 1960 Assessment Report 341, Geological Report, Texas Group, Midway, B.C. Greenwood M.D. (Granby Mining Co.)
- Lamme, C.A.R. 1972 Assessment Report 3920, Geology Soil Copper and Ground Magnetics Way Mineral Claims, Bonus Resources
- Little, H.W. 1957 G.S.C. Map 6 - 1957 Kettle River (East Half)
- B.C. Ministry of Mines Reports 1894 - 1903

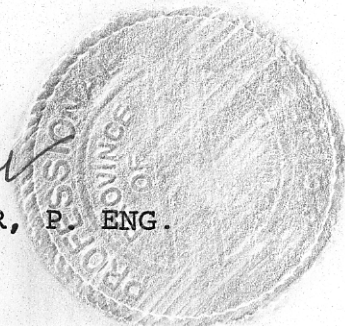
CERTIFICATE

I, VLADIMIR CUKOR, of 2841 West 18th Avenue, Vancouver, B.C. do hereby certify that:

1. I am a Consulting Geological Engineer with business address as above.
2. I graduated from the University of Zagreb, Yugoslavia in 1963.
3. I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia.
4. I have practised my profession as a Geological Engineer for the past 16 years both in Yugoslavia and Canada.
5. I have no interest, direct or indirect in any of the properties or securities of MAYMAC EXPLORATIONS LTD. nor do I expect to receive or acquire any.
6. I hereby 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.

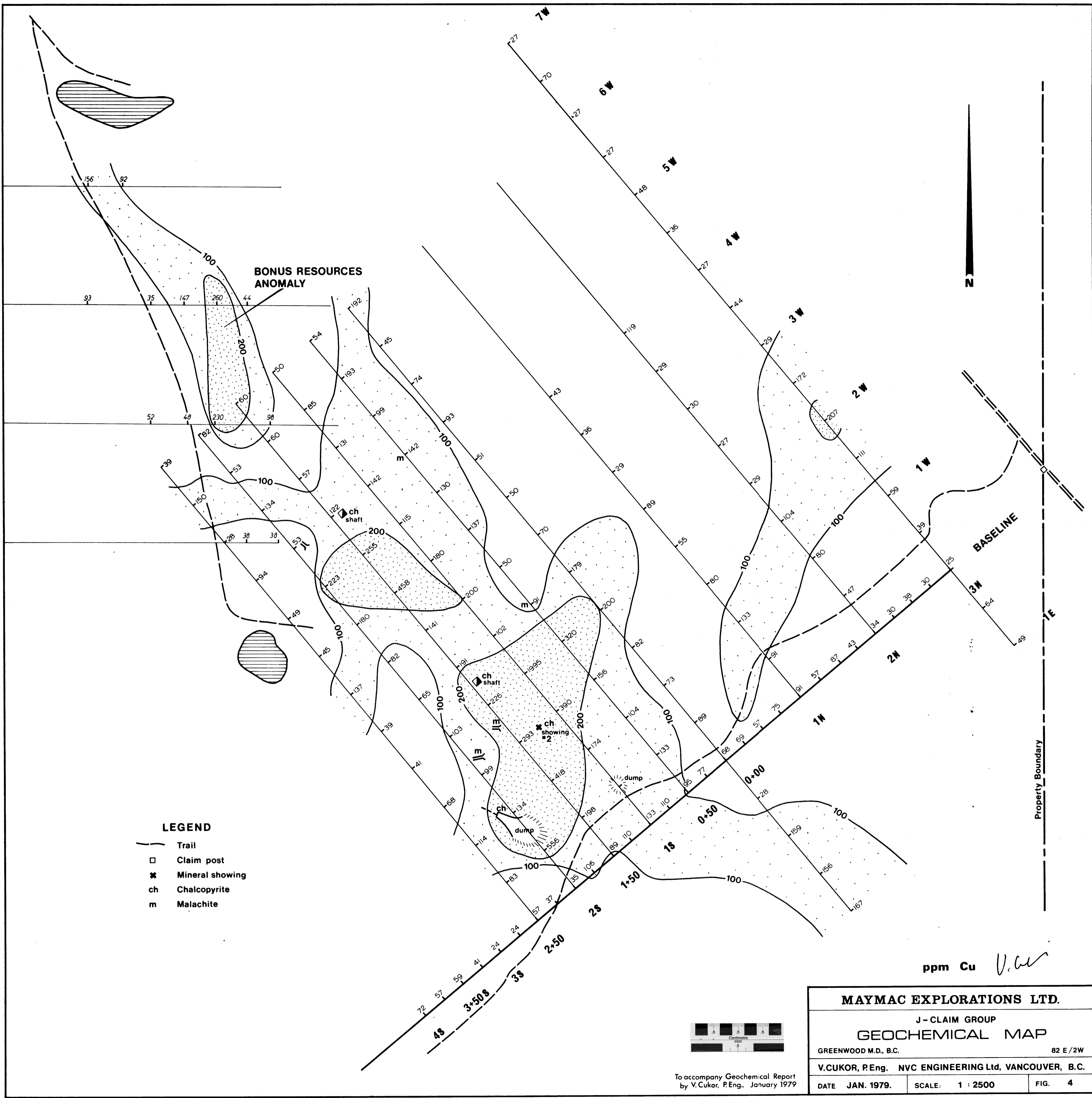
January 31, 1979

  
V. CUKOR, P. ENG.





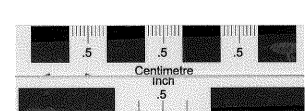




**LEGEND**

- Trail
- Claim post
- \* Mineral showing
- ch Chalcopyrite
- m Malachite

ppm Cu *V. Cukor*



To accompany Geochemical Report  
by V. Cukor, P. Eng., January 1979

<b>MAYMAC EXPLORATIONS LTD.</b>		
J - CLAIM GROUP		
<b>GEOCHEMICAL MAP</b>		
GREENWOOD M.D., B.C.		82 E/2W
V. CUKOR, P. Eng. NVC ENGINEERING Ltd, VANCOUVER, B.C.		
DATE JAN. 1979.	SCALE: 1 : 2500	FIG. 4