

84-989-12720
11/85

G. SALAZAR S. & ASSOCIATES LTD.

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ASSESSMENT

REPORT

ON

THE OGG CLAIMS (Gold)

PREPARED FOR

ROY W. ROBINSON

BY G. SALAZAR S., P. Eng (B.C.)

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

MINING DIVISION: NELSON

PROVINCE: BRITISH COLUMBIA

NTS: 82 F/6W

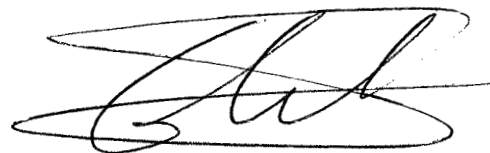
LONGITUDE: 117°22'W

LATITUDE: 49°22'N

ELEVATION: 1524.0 2256.0 meters above sea level.

DATE: November 1, 1984

12.720



G. Salazar S., P. Eng. (B.C.)

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INTRODUCTION:

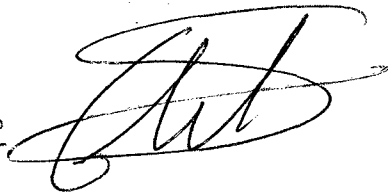
This report is prepared at the request of Mr. Fritz McGonigle, director of a company presently being formed in which Mr. Roy W. Robinson is a principal shareholder.

The writer visited the property in October 9, 1984, with Mrrss. Eric and Jack Denny of Nelson, B.C., whose help in relocating and sampling the old workings subject of this report was very much appreciated.

1.0: PROPERTY DESCRIPTION: The following table (N^o 1) encompasses all pertinent title information.

TABLE N^o 1

LIST OF CLAIMS - OGG GROUP



Claim Name	Record N ^o	N ^o of Units	Record Date	Expiry Date	Owner
Ogg 1	3696(5)	12	May 8/84	May/85	Ogg Resources Ltd
Ogg 2	3339(7)	6	July 19/83	July/85	"
Ogg 3	2623(5)	3	May 6/82	May /85	"
Ogg 4	2732(9)	4	Sept 2/82	Sept/85	"
Ogg 5	2733(9)	9	Sept 2/82	Sept/85	"
Ogg 6	2703(7)	6	July 23/82	July/85	"
Ogg 7	3340(7)	6	July 19/83	July/85	"
Total Units:		46			

Roy W. Robinson has optioned these properties from Ogg Resources Ltd. according to an agreement between the parties dated August 30, 1984 and effective August 1, 1984.

The information included on Table N^o 1 was verified at the Nelson Gold Commissioner's office on August 20th, 1984.

2.0: LOCATION: At the headwaters of Hall, Fortynine Mile and Erie Creeks, approximately 13.0 km. south-west of Nelson, B.C. (Fig. N- 1)

3.0: ACCESS: Airline Services to the town of Castlegar from Vancouver and Calgary is provided by Pacific Western Airlines. The town of Nelson is one hour's drive eastward along highway 6/3A from Castlegar. The community of Blewett is about 15 minutes' drive west of Nelson along the same highway. More specifically, Blewett is on the south side of the West Arm of Kootenay Lake, immediately west of Taghum Bridge which spans it. A Fire Lookout located at Copper Mountain and within the Ogg claims is serviced by a 2 x 4 road following Fortynine Mile Creek that starts at Blewett. When the road is dry, it takes one hour's drive from Nelson to reach the centre of the Ogg claim. Alternatively, helicopter services are available at Castlegar and Nelson.

4.0: PREVIOUS EXPLORATION: Erie, Hall and Fortynine Mile Creeks have been the site of placer mining operations since before the turn of the century. The Second Relief Mine, located approximately 8.0 km. south of the claim group along Erie Creek is the largest producer in the vicinity, with total reported production of 228,250 tons containing 0.44 troy ounces per short ton (o/t) gold, 0.12 o/t silver and minor base metals credits. The Golden Eagle, T.S. and Sun Fraction properties, located immediately to the north-east of the Ogg claims and on the south slopes of Red Mountain, have a reported past production of 115 tons carrying 1.11 o/t gold, 1.23 o/t silver, 1.94% lead and 1.04% zinc and is presently the subject of a public underwriting being arranged by Patrick Resources Ltd.

Within the Ogg claims, earliest known work was carried out on the Davenport and Moline claims before 1920. These claims protected showings in the headwaters of Hall Creek. The most recent work was carried out by Amoco Canada Ltd., who protected the southern half of the Ogg property with its Murray claim. Assessment Report N- 8495 covers Amoco's soil geochemical survey over a portion of Mount Verde. Two grid systems, one showing molybdenum, copper, lead and zinc and the other showing gold in addition to the previous four but of smaller areal extent, are reported. Amoco apparently let the claims lapse immediately after their Vancouver Office was shut down.

4.0: PREVIOUS EXPLORATION: continued;

Much evidence of old workings is observed throughout the property, which is summarized and high-lighted with best available assay results from west to east as follows.

Remains of a cabin near a spring was found in the south-west corner of the Ogg claim. The district's mining engineer that wrote the report of activities for the area for 1930 (B.C.D.M., p. A269) makes references to "...a short length of oxidized and honey-combed quarts, 12 to 24 inches wide, mineralized with stringers, up to 9 inches wide, of grey copper ore ..." which assayed " 89.0 o/t silver and 2.4% copper" across 9 inches in a "shallow shaft "...some distance southwesterly from the cabin." This vein has not been found to date.

The Reah vein (See Fig. N^o3), located immediately east of the cabin and slightly upslope from the spring, trends at an azimuth of 360° degrees and has been explored over a strike length of 460.0M. with hand trenches and pits. Three chip samples were collected across 0.41m. of ribboned quartz trending at an azimuth of 47° and dipping at 76° SE. The first sample assayed 60.0 o/t silver, the latter two samples assayed 6.6 ppm. (By Noranda, #6a) and 0.5 o/t (the writer). The discrepancy is not explained. The Ogg vein parallels the Reah and outcrops to the north and east of it. It is not known whether the two parallel each other or are displaced equivalents. A float sample picked by Noranda while evaluating the property in 1982 along the access road and in the approximate area into which the trace of the vein projects assayed 90,000 ppb gold. None of the samples collected from outcrops or trenches immediately to the north produced significant assay results.

A northeasterly trending arsenopyrite bearing quartz vein (zone?) has been tested with seven shallow adits over a vertical height of 150.0 - 180.0M. (see photo N-1) which varied on width from 2.5 to 10.0 m. No samples have been collected from here.

An adit located immediately north of the LCP for claims Ogg #2 and 7 carry unchecked results reported to range from 0.05 to 0.82 o/t gold. Other trenches and adits near the top of Mr. Verde have not been investigated as yet.

- 5.0: WORK DONE IN 1984: Mrrss. Eric and Jack Denny and the writer spent the day prospecting for the tetrahedrite vein located "some distance south-westerly from the cabin". Once this was accomplished, the old workings were sampled and a hand held compass and hip chain survey tying them to the Rhea vein workings was completed.
- 6.0: GEOLOGY AND MINERALIZATION: Figure N^o-2 shows the regional geology of the area protected by the Ogg claims as recorded by R. Mulligan (GSC Paper 5 2 - 13, Bonnington Map Area - B.C.) Little (1960) confirmed the areal distribution of the units as mapped by Mulligan but re-interpreted their chrinological distribution. According to Little, Mulligan's Unit N- 2 or Hall Formation belongs to the older Ymir Group of sedimentary and metamorphic rocks while his Units N-1 an 3 are equivalents and belong to the relatively younger Rossland Volcanics formation. The southern third of the property is occupied by medium grained equigranular granodiorite of the Nelson Plutonic Complex. Apophyses and dykes of similar composition and age intrude the volcanic - sedimentary package.

The Hall Creek area is long known as a gold camp with gold-zinc mineralization being related to lamprohyre dykes of which at least two occur on the property. One was apparently investigated by Amoco. A felsic tuff unit containing 15% pyrite occurs in the Mr. Verde area and was investigated in the past with a short adit. Minor galena within argillites was observed just north of the adit. A rhyolitic tuff unit of similar age is spatially related to the ore zone(s) at the Arlington and Keystone Mines located north of Salmo and 15.0 km. to the south of Copper Mountain Lookout. The Arlington Mine, active between 1900 and 1970, produced 285,000 tons of 0.34 o/t gold. The adjacent Keystone Mine, in turn, produced 1466 tons of 1.5 o/t gold and 3.14 o/t silver between 1901 and 1936, and 200 tons assaying 1.0 o/t gold in 1979 - 1981.

A strong hydrothermal alteration system was observed along the traverse shown on Figure N^o-3. Here, the argillites form a brownish biotite hornfels and, locally show sericitic alteration along the stronger structures. The Rossland formation fragmental volcanics are, as well, variably altered to chlorite-epidote-calcite, and are intruded by al least three very basic intrusives (Lamp-prophyres), one with quartz eyes up to 1.0 cm. in diameter. Pyrite, chalcopyrite and minor arsenopyrite, introduced as veinlets and stockworks of unknown dimension into the sedimentary-volcanic package trend east - to-northeasterly.

7.0: GEOCHEMISTRY: Approximately one third of the samples collected and reported by Amoco Canada show gold analyses. Contouring at 10, 15, 20, and 30 ppb of this data is shown on Figure N-4. Highest value reported are 30 and 45 ppb, threshold is 10 ppb. The weakly anomalous trends thus defined are interpreted to indicate the presence of a weakly anomalous gold trend which is elongated perpendicular to the direction of latest glaciation (Little), parallel to the zone of quartz veining spatially related to the hydrothermal alteration system reported above and underlain by argillites and greywackes of the Ymir Group Sedimentary package. Anomalous zinc values are also found coincident with the gold trend. The lack of gold data in the geochemical lines covering the extension of this anomalous trend into the area of strong hydrothermal alteration is unfortunate. It should be a high priority in any exploration program to fill in this gap.

Moderately strong zinc values are reported along the three easternmost lines across the Ymir/Nelso Batholith contact which is 300 to 400 m. wide. Lack of gold analyses makes it difficult to evaluate its economic importance.

The proven presence of gold, its historical association to zinc mineralization elsewhere in the camp and its possible association to arsenopyrite makes gold, zinc, and arsenic the three high priority elements for any future geochemical program. Molybdenum and tungsten are two other elements which should also be considered since they are present at numerous showings and prospects in the area.

8.0: RESULTS OF 1984 PROGRAM: A total of 13 rock samples were collected from the Rhea and Extension veins. Sample results are shown in Appendix N-6 and plotted on Figure N-4. Assaying was carried out by Loring Laboratories Ltd. of Calgary, Alberta, following conventional assay methods. Gold and silver assays were done via the Fire Assay method.

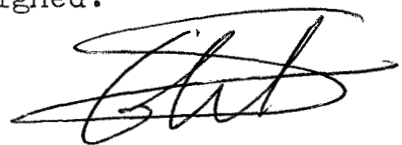
The Rhea vein is a strong vertical shear trending at 40 - 47° azimuth, which swells to 1.5 m. and narrows down to 0.15m. Approximately a 3000 m. long section of its trace has been investigated by trenches and pits in the area near the spring. In this area, the vein is represented by a 0.40 - 0.60 m. wide massive white quartz occupying its west wall adjacent to an equal width of white quartz that is strongly sheared and oxidized. Samples 3339B and 3342 B, collected from Trenches B and C

8.0: RESULTS OF 1984 PROGRAM: continued;

respectively, were taken from this zone. The low grade silver values found correlate with those reported earlier from samples collected by the writer and by Noranda and are in conflict with the first collected sample, which assayed 60.0 o/ton silver.

The Extension or Tetrahedrite vein, in turn, also trends 40 - 50° Azimuth and bares a similar mineral assemblage within its walls. A major difference, though, is that this vein has a fairly consistent 40 - 50° east dip along the almost 50.0 m. long exposure. The difference in economic values found in samples N^o 1 and 2, in the one hand, and Samples N^o 3, 5, and 6 confirms that the zones of economic value in this vein will form ore shoots, presently of unknown dimensions and plunge, which appear to coincide with the wider sections of the vein. A drilling program aimed at checking out the continuity of the mineralization found in Samples N^o 5 and 6, which assayed 0.048 and 0.002 gold (o/ton), 46.26 and 15.40 silver (o/ton) and minor copper, lead and zinc, respectively and the highgrade grab sample (N^o 3) taken from the dump, which carried 289.88 (o/ton) silver, 2.48% copper and minor lead and zinc values is designed.

9.0: RECOMMENDED PROGRAM:



9.1: Accurate plotting of data onto a reliable topographic base has always substantially improved any chances of extrapolating and, hence extending the surface traces of veins of this nature. A topographic contour map, at a scale of 1:5000 and with contours every 5.0 m., should be prepared covering 1500 has. of the terrain covering the claims area.

9.2: Cross Sections A-A' and B-B' are included in Fig. N^o 4 of this report. The latter section is perpendicular to the plane of the vein while Section A-A' is a northtrending section through the mouth of the tunnel that uncovered the tetrahedrite mineralization. It is proposed that the downward extension of the mineral shoot found in the tetrahedrite tunnel be investigated by drilling to be carried out from a drillsite located on the ridge above the tunnel. The exact location of the drillsite will be dependant on how close to the cliffs above the tunnel one can get with the road. The first drill hole should be aimed at hitting the lode at a distance of 20.0 m. down dip from the tunnel. It is expected that the first hole will be about 150.0 m. long. Three more holes could be drilled from the same

9.0: RECOMMENDED PROGRAM: continued;

site, two of these should be drilled at a 15° angle to the azimuth of the first hole and the same dip, while the third could be drilled at a 15-20° steeper dip and a azimuth to be determined once the previous three holes have outlined the plunge of the oreshoot. This initial drilling stage is summarized as follows:

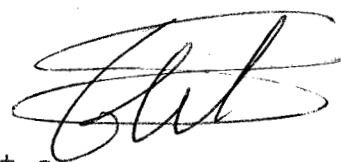
DDH # 1: 130.0 m. @ 320° Azimuth @ - 40° dip
DDH # 2: 150.0 m. @ 335° Azimuth @ - 40° dip
DDH # 3: 150.0 m. @ 305° Azimuth @ - 40° dip
DDH # 4: 200.0 m. @ - 55° dip and azimuth to be determined.

TOTAL DEPTH: 630.0 m.

DDH # 4 is definitely a followup depending on the results found in the previous three holes. The dips of the holes are also dependent on actual field conditions.

A third stage of drilling, totally dependent on previous results, is suggested in Section A-A'. This stage involves 225.0 m. in three drill holds.

10.0: BUDGET FOR RECOMMENDED PROGRAM:



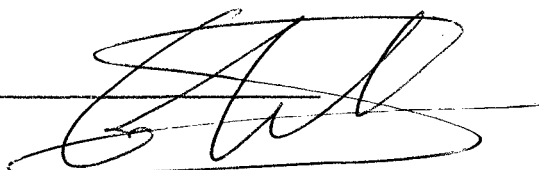
10.1:	Preparation of Topographic Map at a scale of 1:5000, with 5.0 m. contour lines, 1500.0 has. 3750.0 acres @ 0.40\$/acre:	\$ 1,500.-
10.2:	Roadbuilding to drillsite, 1,500.0 m.	3,000.-
10.3:	Drilling - Stage I, three diamond drillholes, 430.0 m., BQWL drilling, @ \$ 164.04/m. all field expenses included;	70,520.-
10.4:	Miscellaneous and report writing, 15%:	11,253.-
	Total:	\$86,273.-
	STAGE I - Say	\$86,000.-
10.5:	STAGE II: Drilling DDH#4, 200.0 m. deep, @ \$ 164.04/m., all field expenses included:	\$32,808.-
10.6:	STAGE III: Drilling follow up holes, 225.0 m. in three holes, @ \$ 164.04/m., all expenses included:	36,909.-

10.0: BUDGET FOR RECOMMENDED PROGRAM: continued;

10.7:	Additional drilling and trenching;	\$ 100,000.-
10.8:	Miscellaneous and report writing, 15%:	25,457.55
		<hr/>
	Total:	\$ 195,174.55
	Stage II & III: say	\$ 195,000.00

11.0: REFERENCES:

- 1.- Amoco Canada Assessment Report #8495
- 2.- Little, HW (1960) Nelson West Half, B.C. G.S.C. Mem. (308).
- 3.- Mulligan, R. (1952):Bonnington Map Area - B.C. Prel. Map. Area 52-13A.
- 4.- B.C. Minister of Mines Report of Activities for 1930.
- 5.- Report on the Ogg Claims (Gold). Prepared for Roy W. Robinson by G. Salazar S. P.Eng. (B.C.) dated August 31, 1984.



Guillermo Salazar S. P.Eng.(B.C.)

October 26, 1984

G. SALAZAR S. & ASSOCIATES LTD.

INTERNATIONAL GEOLOGICAL CONSULTANTS

312 CEDARBRAE CRES. S.W.

CALGARY, ALBERTA, CANADA T2W 1Y4

TELEPHONE (403)281-6889

October 22, 1984

TO: Mr. Roy W. Robinson

FROM: Mr. Guillermo Salazar S.

RE: STATEMENT OF EXPENDITURES; for the 1984 PROSPECTIVE PROGRAM AT THE OGG CLAIMS (NTS 82 F/6).

1] SALARIES:

Guillermo Salazar;		
2 days @ \$ 350.-/day;	\$ 700.-	
Eric Denny;		
Oct. 9, 1984 @ \$ 150.-/day;	150.-	
Jack Denny;		
Oct. 9, 1984 @ \$ 150.-/day;	<u>150.-</u>	
	\$1,000.-	\$1,000.-

2] ROOM AND BOARD:

-2 days @ \$ 50.-/manday;	\$ 100.-	
-2 mandays @ \$ 10.-/manday (board)	<u>20.-</u>	
	\$ 120.-	120.-

3] TRANSPORTATION:

-Truck Rental, one day @ \$50.-/day;	\$ 50.-	
-Calgary to Castlegar return (Air)	179.30	
-Taxis:		
Castlegar - Nelson return;	11.-	
Calgary - Airport return;	<u>50.-</u>	
	\$ 290.30	290.30

4] ASSAYING:

Invoice N ^o 26974 from Loring Laboratories Ltd. (Calgary) dated October 19, 1984;		250.70
--	--	--------

5] REPORT:

G. Salazar S.; 1 day @ \$ 350.-/day;		350.-
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6] FILING FEES: Notice to Group: \$ 10.-

OGG 1: 12 units x \$ 100.-/u. x 5./100.=	\$ 60.-	
OGG 3: 3 units x \$ 100.-/u. x 5./100.=	<u>\$ 15.-</u>	
	\$ 85.-	
		<u>85.-</u>
		\$ 2,096.-

G. SALAZAR S. & ASSOCIATES LTD.

Guillermo Salazar S. P. Eng (B.C.)

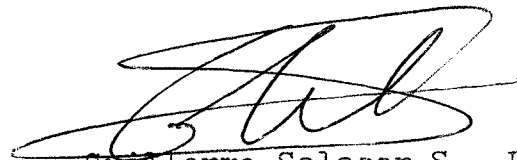
CERTIFICATION

I, Guillermo Salazar S., a consulting geologist with office and residence at 312 Cedarbrae Crescent S.W., Calgary, Alberta, hereby certify:

1. That I attended and graduated from the Universidad Nacional de Ingenieria de Lima, Peru with a Bachelor of Science and Engineering Degree in Mining Engineering and Mining Geology in 1967. That I also attended and graduated from Harvard University with a Master of Science Degree in Economic Geology in 1969.
2. That I am a Registered Professional Geologist in the Province of Alberta, and a Professional Engineer in the Province of British Columbia and have in excess of fifteen years experience in the mineral exploration industry.
3. That a personal field inspection of the Ogg Claims Property in September 24, 1983 was made by me, and its legal status at the Nelson Mining Division offices at Nelson, B.C., on August 20, 1984.
4. That I have no interest, direct or indirect, in the properties or securities of Mr. Roy W. Robinson and I do not expect to acquire any such interest.
5. That I consent to the use of the accompanying report in a prospectus or information circular issued by Mr. Roy W. Robinson.

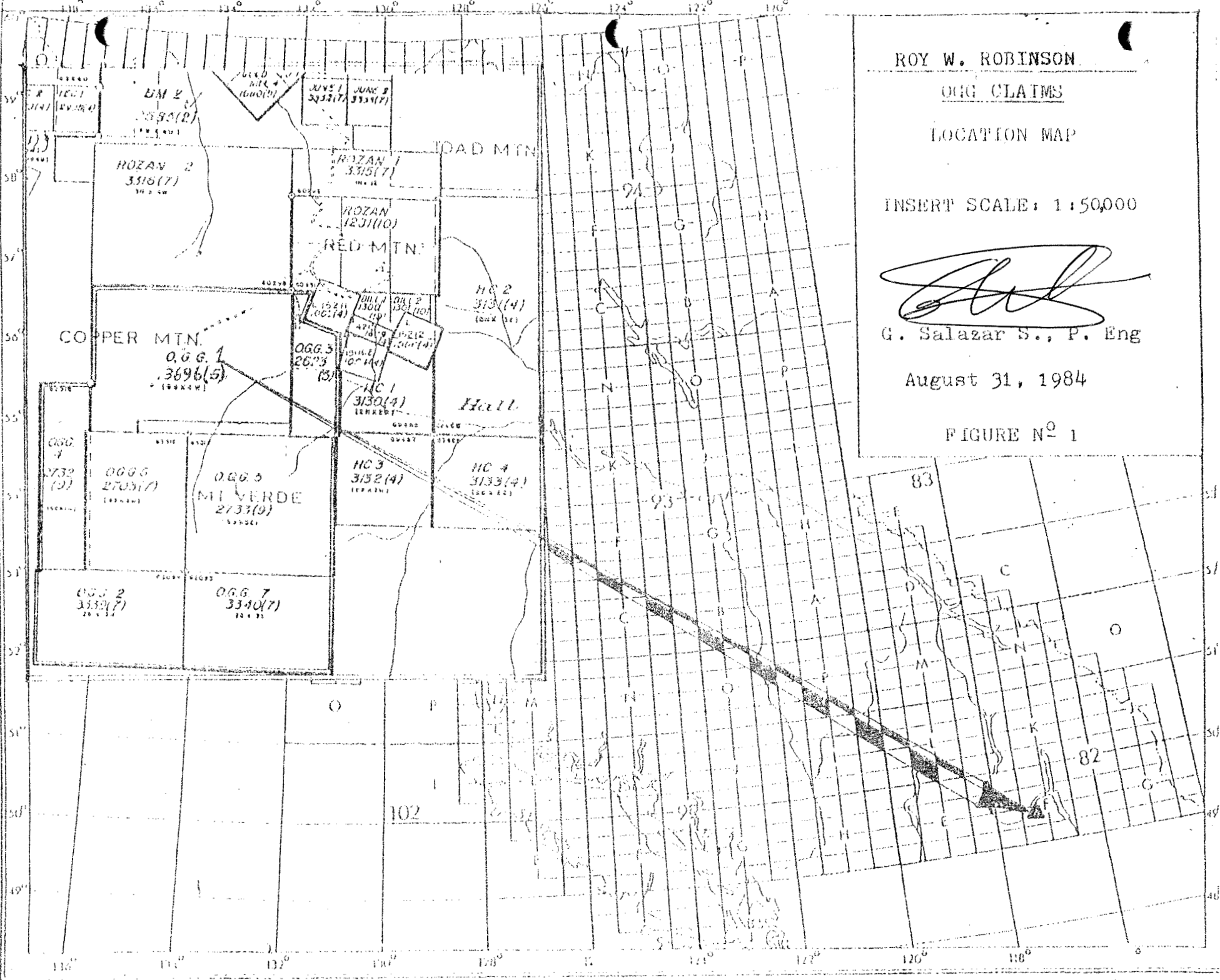
Calgary, Alberta

September 13, 1984



Guillermo Salazar S., P.Eng. (B.C.)

G. SALAZAR S. & ASSOCIATES LTD.



ROY W. ROBINSON

OGG CLAIMS

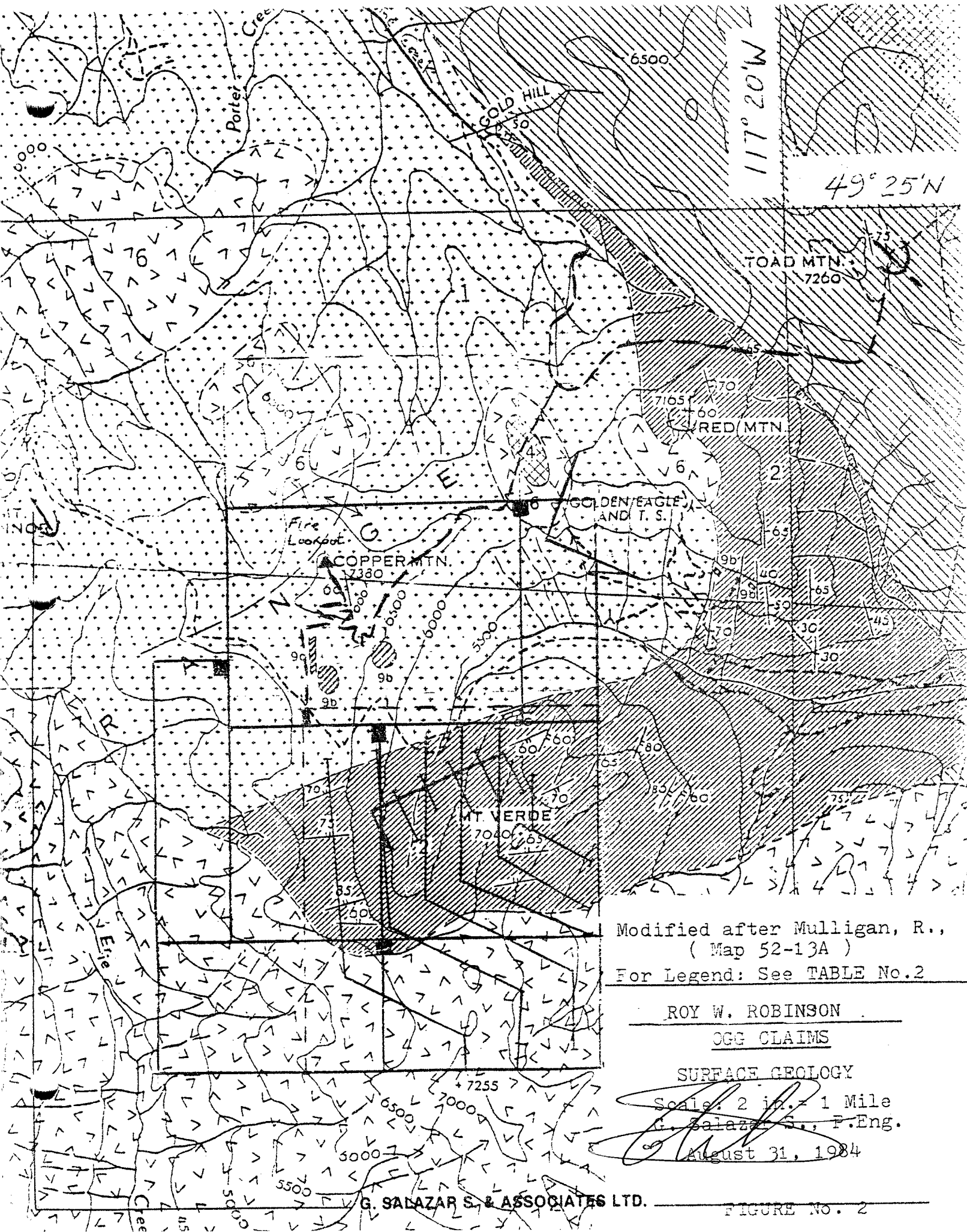
LOCATION MAP

INSERT SCALE: 1:50,000

[Handwritten Signature]
 G. Salazar S., P. Eng

August 31, 1984

FIGURE N^o 1



117° 20' W

49° 25' N

Modified after Mulligan, R.,
 (Map 52-13A)
 For Legend: See TABLE No.2

ROY W. ROBINSON

OGG CLAIMS

SURFACE GEOLOGY

Scale: 2 in. = 1 Mile
 G. Salazar S., P.Eng.

August 31, 1984

117° 20 W

49° 25 N

LEGEND

↑ Cabin

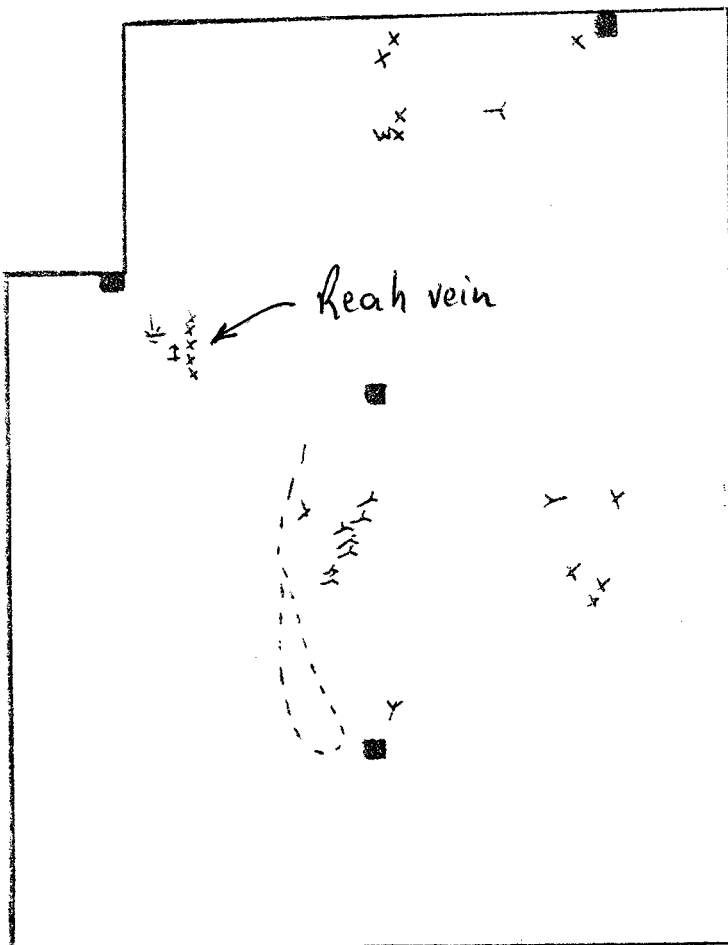
x Pits & Trenches
(w) = winze

Y Adit

■ Legal Corner Post
of Claim.

↘ Glacial Striations

- - - Traverse-Sept. 24/83



ROY W. ROBINSON.

OGG CLAIMS

LOCATION OF PITS,
ADITS AND VEINS

Scale: 2 in. = 1 Mile

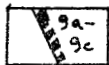
G. Salazar S., P.Eng.

August 31, 1984

TABLE N^o 2

Bonnington Map Area (Prel. Map. 52 - 13A by R. Mulligan,
1949; Scale 1 in. = 0.5 Miles)

Cretaceous or Tertiary



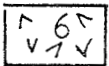
9a: feldspar-Q-augite porphyry dykes; 9b: aplite dykes; 9c: lamprophyre & diabase dykes.



Pegmatite stock; age relation to other intrusions not known.

Cretaceous

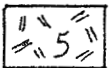
Nelson Intrusions:



Granodiorite, granite, diorite; 6a: dioritic P, satellite bodies.



Monzonite chonoliths, age.....



Silver King Porphyry; quartz diorite.

Jurassic or Cretaceous



Beaver Mtn. Formation (< > Rossland Formation) augite andesite and basalt porphyry flows, breccia, agglomerate, minor conglomerate, argillite, limestone.

Jurassic and (?) Cretaceous

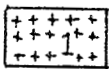


Hall Formation (<> YMIR GROUP) Siltstone, greywacke, conglomerate, argillite, quartz-biotite schist, quartzite, minor flows and pyroclastics rocks; 2a, limestone.



Elise & Beaver Mtn. Formations Undivided, Hall formation unrecognizable or absent.

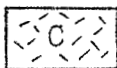
Jurassic and (?) Jurassic



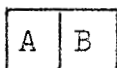
Elise Formation (<> Rossland Formation) Andesite, augite andesite and basalt porphyry flows, breccia agglomerate, minor tuffs and sedimentary rocks.

TABLE N^o 2: continued;

Bonnington Complex



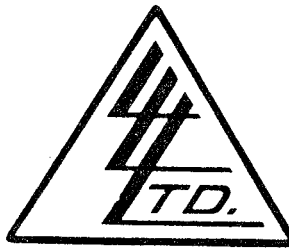
Syenite, age relation to Nelson not known; in part, gradational, in part intrusive into A.



Pre-Nelson in age

A. Pseudodiorite
B. Pyroxene-hornblende-biotite rock.

To: G. SALAZAR & ASSOCIATES LTD
 312 Cedarbrae Crescent S.W.,
 Calgary, Alberta T2W 1Y4



File No. 26974
 Date October 19, 1984
 Samples Rock

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 1

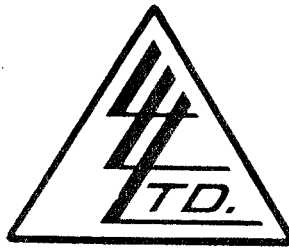
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Cu	% Pb	% Zn
#3	Trace	289.88	2.48	.15	.28
#4	.002	3.50	-	-	-
#5	.048	46.26	.02	.78	.04
#6	.002	15.40	.28	.04	.03
3337 B	.004	.74	-	-	-
38	.002	1.02	-	-	-
39	Trace	.28	-	-	-
40	.002	.96	.45	-	-
3342	Trace	.06	.26	-	-
#7	0.002	3.76	0.03	0.10	0.04

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

J. Salazar

To: E. SALAZAR & ASSOCIATES LTD
 312 Cedarbrae Crescent S.W.,
 Calgary, Alberta T2W 1Y4



File No. 26974
 Date October 19, 1984
 Samples Rock Samples

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	PPM Cu	PPM Pb	PPM Ag	PPB Au
1	5	19	1.4	-
2			7.6	140
3341B			2.9	75

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Loring

