

86-505-15098  
05/87



Province of  
British Columbia

Ministry of  
Energy, Mines and  
Petroleum Resources

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST \$3,809.97
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AUTHOR(S) ..... R. Trifaux ..... SIGNATURE(S) .....

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED <sup>May 2, 1986</sup> ~~June 2, 1986~~ ..... YEAR OF WORK 1985-86

PROPERTY NAME(S) .. Nami claims 1 to 10, Vedder mountain .....

COMMODITIES PRESENT ... Ag, As, Bi, Cu, Sb, Hg, Au, Pb, Zn .....

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN .....

MINING DIVISION .. New Westminster ..... NTS .. M. 92 G/1E

LATITUDE .. 49° 5' (approximately) 02.5' ..... LONGITUDE .. 122° 40' (approximately) 04' .....

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:  
.. Nami No. 1 to 10 included .....

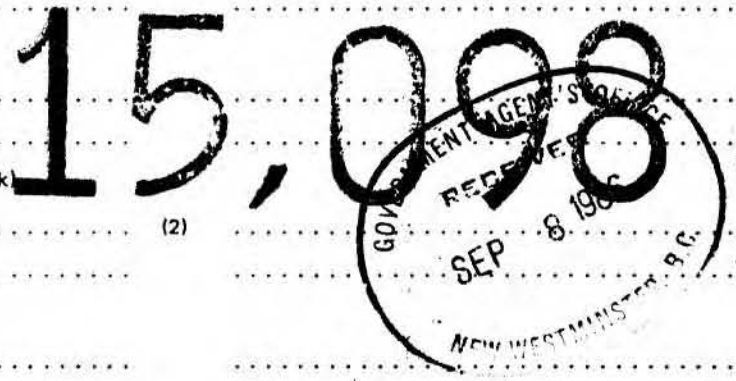
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

OWNER(S)  
(1) .. R. Trifaux ..... (2) .....

MAILING ADDRESS  
.. 308 - 751 Clarke Road,  
.. Coquitlam, B.C. ... V3J 3Y3 .....

OPERATOR(S) (that is, Company paying for the work)  
(1) ..... (2) .....

MAILING ADDRESS  
.....  
.....  
.....



**FILMED**

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):  
Mineralization - Pb, Zn, Ag, Au, Bi, As, Cu. As on the Summit claims we found greisens on the claims. White quartz and numerous fluorescences in the rocks. Discovery of banded sedimentary rocks on the mountain, containing numerous sulphides. We also found black argillite, basalts, and two ultramafic bodies. Serpentine highly magnetic cherty rock have been found. - more work to be done to know the attitudes.

REFERENCES TO PREVIOUS WORK .. Report by R. Trifaux in 1982-83 on the claims.

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5. Maps			
No1 claims location 92G/1E			
No2 map 1151A. Geology.			
Pitt Lake. Scale 1:253440.			
<del>No3 Chilliwack Lake. 92H/SW</del>			
<del>92G/1E in part</del>			
<del>for Forestry Road</del>			
<i>(property not on map)</i>			

*end of report*

INTRODUCTION

Access to Claims

To reach to Nami claims, one drives on Highway No 1 from the Portmann Bridge to the Yarrow-Cultus Lake bifurcation. From the junction of the roads one follows the road to Yarrow and from there cross the village and drives to the junction of the Yarrow Main road with the one going to Cultus Lake. On the Cultus Lake Rd 4 Kms approximately to the west, one reaches the new Forestry Road which goes to the top of the Vedder Mountain Road. On this last road one drives approximately for 11 Kms west and reaches the Summit claims on the plateau overlooking the Columbia and the Sumas Valley. To go on the Nami claims one takes the upper level road going to the place where the people are flying with their light planes which has a length of 3 Kms to 3 Km, 5 to the top.

The claims are situated on each side of the Road but the centre line does not go to the top; after driving 2 Km on the road going to the top, one takes the lower road going straight N-east and will reach a huge old quarry, this is where the claims start.

Physiography

The claims are situated in the Chilliwack Provincial Forest, on the Vedder Mtn. They also are in part in The Abbotsford district Municipality and in part in the Chilliwack Municipality, in TP22 ECM. From the Sumas Prairie, on Highway No 1, going North - east one sees the Vedder Mountain. The Mountain rises from 200' elevation at the bottom, near the prairie to an altitude of 3029 feet on the Vedder Peak, a difference of 2829' (943m) on a short distance. The Mountain is abrupt in places with cliffs up to 60 and 80 m, close to vertical. There are several small creeks on the Mtn, the 3 main ones have a very small debit in the summer time. The Aseaphus and the Hatchery creeks being the main ones and the 2 diversing their waters in The Cultus Lake. The Sumas valley created the Sumas Prairies which are subject to flooding on the west. On the South of the Mountain, the Columbia Valley has been created by glaciofluvial deposits. (see map 1485a - surficial geology. Mission, B.C. Scale 1/50,000)

On the claims there exists several areas with extensive limonitic overburden covering the formations. On the North part over the Gabbro dykes, the oxidation is deep and pronounced with the said overburden.

Physiography (continued)

From the plateau which is approximately half-way up on the Mountain the Forestry road is climbing up steadily from claims 9 and 10 to the claim 1 and 2. The centre line is following the road, sometimes on the North side sometimes on the South side of the road. The claims are situated 1500m on a South Westerly direction from the peak of the mountain.

The Department of Lands and Forests is working on the Forestry road and crews are seen cutting trees created by the second growth after the logging of the conifers in the past.

The new reforestation on the South side of the Mountain is quite a success, the conifers are growing fast and strong wherever they have been planted.

Previous Works

From 1982, 1983, exploration has been targetted on SNo<sub>2</sub>, Wo<sub>3</sub>, Nb, Be, Ag, Cu, etc. but mainly on SNo<sub>2</sub>, Wo<sub>3</sub>. Promising at the beginning of the research, my efforts were not successful because of erroneous results in assays.

Previous Works (continued)

Vedder Mountain 1985-86

In 1981-82 a general survey has been done by R. Trifaux in the same area as the Nami claims of today. Samples were sent to the laboratories and some errors developed regarding part of the minerals, Beryllium, Niobium, Silver, and the works regarding the discovery of the above minerals were suspended.

This year a new general survey is done on all the roads on the Mountain for Au, Ag, Sb, As, Hg, Cu, Zn, Pb in the greisens, the quartz veins, the argillites, the dark arenaceous formation in the breccias, in the anorthosite.

Several samples have given anomalous values in Gold, high reading in Mercury and the greenstones also are containing values in that precious metal. Greenstones, banded with calcite in places, other dark sedimentary rocks, rock with some sphalerite crystals, green rocks with sulfosalts, schists with high values in Zn and Pb, have been discovered. We are preparing a general plan of the entire claims showing the values of new metals not related to the granitic formation which are on the sites and which have been prospected for Sn, Nb, Be, Ag and N. This is a new work,

Previous Works (continued)

with new locations of samples on the claims with a new research for minerals which have been detected on the claims. We found in our previous exploration values of SNo<sub>2</sub>, Wo<sub>3</sub>.

The works done on these metals were quite extensive. We analyzed the black sands in the creeks, on the Mountain. Good showings of these metals were encountered. We even contacted one company interested in our works, but the results of the new assay were not successful and we stopped the research. The research was directed in the granitic, Pegmatitic rocks mainly.

Object of Present Works

In 1986 we did new works in the research of soils and rocks. We have been successful in our Geochem surveys in different parts of the Nami claims to find good indication of the presence of precious metals. In one creek the silts gave some good indication of Au, Ag, Zn, Pb. As it will be described in the technical data, we have been successful in our search on the North and South of the claims. The location of the samples have been carefully indicated to permit further works in the years to come.

We feel confident that showing of epithermal prospects exists on our claims. From the works done in 1986, we showed the evidences of sulphides in different parts of the claims and on different parts of the Mountain, other than the ones previously prospected. We sampled quite a lot of greenstones, some schists and argillite, banded sedimentary rocks, breccia zones, multitudes of quartz veinlets in sandstone, quartz veinlets in argillite. All situated in the tertiary bed rocks composed of basalts, sandstones, siltstone and conglomerate of the areas.

We found in the greisens, (see Report 1985-1986) on the summit claims numerous indications indicating the possibility of a epithermal deposit in the rocks containing quartz and fluorite.



Object of Present Works (continued)

From the anomalous results in Au, Zn, Pb, As, Bi, obtained today in the quartz veins, and in the greenstone boulders South-west and North-east of the said veins, on a distance of 80m approximately, the numerous sulfides encountered and the presence of the trace elements related to the Gold epithermal systems, we plan to do more work on the Mountain.

The presence of banded rocks with sulphides and metals, the sandstones, the multitude of quartz veins near the sandstones, the breccias, argillite with pyrites are encouraging to pursue the works.

TECHNICAL DATA

Geology

Because of the wrong evaluation of the samples regarding Sn, Wo<sub>3</sub>, Ag, Zn, Cu, in the previous works, and also because of the discovery of the banded rocks in floats on several places on the claims, the works are pursued with new goals in mind.

Not only the discovery of the banded rocks opened a new horizon for the claims but also the discovery of precious metal and the summit claims, this season.

The bedrock is mesozoic and upper Paleozoic; it includes sedimentary, volcanic, granitic and metamorphic rocks mantled by deposits of glacial, colluvial and eolian sediments (Geology by J.E. Armstrong 1953-1955, 1974-1976). Geological cartography by H. Kovahic Geological Survey of Canada. Map 1485A. Mission. B.C.

All the Gold camps in British Columbia are associated with mafic rocks. I found in one of my trips on the Mountain, ultra-mafic rocks which I analyzed for Cu, Ni, Co, Pt, Pd, and with some good results in the analyses report. Also I found banded

Geology (continued)

sedimentary rock in different areas of the Mountain on in different areas on the Nami claims. The discovery of Hg, As, Pb, Zn, Cu, As, permit to conclude of the possibility of precious metal epithermal prospects.

The obvious presence of sulphides in different parts of the claims and different areas of the Mountain is pointing out the necessary works to be done in geochemistry for the future.

We are of the opinion that with several anomalous readings in different metals on the sites, further Geochemical surveys in soils and in rocks should be planned and executed.

Geology - Miscellaneous Observations

1. Discovery of banded sedimentary rocks in different areas of the claims and on the Mountain.
2. Discovery of basalts, ultrabasic formations in 2 places, near the amphiboles on the North-easterly road going to Yarrow, in the vicinity of creek No2.
3. Discovery of sulphides in basalts and greenstones on the right bank of creek No2.
4. 550m South West of creek No2, new discovery of an ultramafic body (serpentine) which is highly magnetic. Irridescent tarnishes are all over the samples which are easily broken. In contrast the ultrabasic formations on the right bank of creek No2 are hard, very hard to break.
5. The argillites near the head of creek No2 are without sulfides for the time being.
6. All the banded sedimentary rocks observed to date contain sulfides wherever they are found. All the boulders encountered with such rocks contain sphalerite, Pb, Cu, Ag.
7. The chert sample found on the South side of claims near the road going to Cultus Lake, contains crystals of pyrite but no other sulfides.
8. The breccia discovered on the South side, contains a few specks of pyrite, it is deeply oxidized, contains manganese.

Geology - Miscellaneous Observations (continued)

9. Beside the breccia formations, the plateau contains a multitude of quartz veins without any visible sulfides and the formation is dominating the valleys going to the Cultus Lake area.
10. Sandstones have been discovered on the North side of the breccia (no sulfides).
11. The Banded rocks in place, have not been discovered. They have been found in numerous areas on the Mountain, on Summit claims, on Marg-Sum claims and on Nami claims. Also they have been observed outside the claims on several logging roads and in areas where I searched without roads.

At this time, more research should be done and mapping with precision the geochemical results locations. We found banded rocks at several levels on the access roads. Boulders, some of them rolled, some of them not too far from their source. On the South part of the Mountain going to Cultus Lake, banded rocks have been observed and the geology is not sedimentary; instead breccias and quartzitic formations predominate.

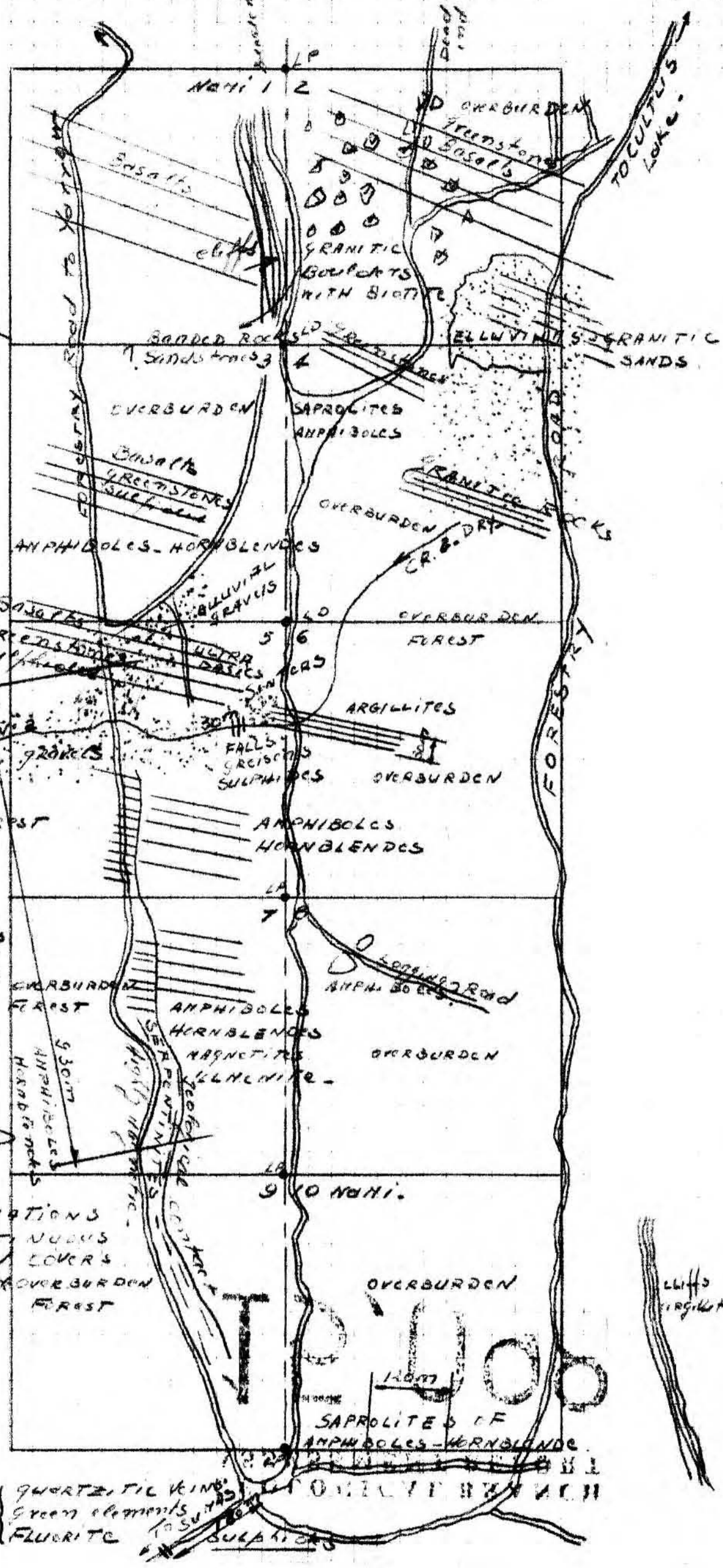
On the South-east, the biggest boulders containing base-metals and banded rocks have been found. On one logging road, again boulders have been encountered on the upper levels and below

Geology - Miscellaneous Observations (continued)

the gravels and granitic with magnetites in them.

To come with a solution with the number of showings of the rocks, will take some time. But a first operation has been done with the discoveries on the Summit and Marg-Sum and Nami claims to date and in different areas.

NORTH



NAMI CLAIMS  
GEOLOGY

SCALE - 6cm =  
457,217

AUGUST 1986

*D. J. J. J.*

NOTE -

THE ROCK FORMATIONS  
ARE NOT CONTINUOUS  
OVERBURDEN COVERS  
THEM EVERYWHERE OVERBURDEN  
FOREST

QUARTZITIC KING  
GREEN ELEMENTS  
FLUORITE  
SULPHIDES

HILLS  
CLIFFS

Geochemistry    Min-En    Laboratory

- Min-En 1-Na 86 - Blue rock with quartz, vugs, pyrites, oxidation
- Min-En 2-Na 86 - Blue rock with veinlet of quartz, pyrites, marcassite?
- Min-En 3-Na 86 - Grey cherty rock, oxidation, crystals of pyrites
- Min-En 4-Na 86 - Quartzitic, dioritic rock with pyrites
- Min-En 5-Na 86 - Blue rock, with white element, pyrites

Min-En Laboratories    May 28, 1986

Sample #	Ag	As	Bi	Cu	Sb	Hg	Au	
6-284			June 3, 1986 (Report Received)					
1Na 86	1.2	7	28	66	1	70	5	
2Na 86	1.4	10	26	71	2	45	5	
3Na 86	1.2	9	14	74	4	45	10	
4Na 86	1.6	9	31	72	1	55	5	
5Na 86	1.7	12	31	71	3	85	5	
Threshold	.9	12	5	80	9	23		
Anomalous	100%	40%	100%	-	-	100%		



Geochemistry (continued)

Commentaries on Results of Analyses - Report 624 - Min-En

Silver is highly anomalous with 100% of the results above the threshold of .9 ppm.

Arsenic always present in the samples with 40% of samples anomalous.

Bismuth very highly anomalous with 100% of the values above threshold and with a very good indication of the presence of Gold.

Copper, although not anomalous is always present on the sites.

Stibnite is not anomalous, but it's always present.

Mercury also is very highly anomalous with 100% above threshold.

Gold is present in all the samples and one analyses is anomalous.

This work is quite encouraging and remarkable when one considers the differences in the nature of rocks analyzed. All the rocks contained visible pyrites to a certain extent. More works will be done in the area.

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project **Na-1986** ..... Date of report **June 3, 1986.**

File No. **6-284** ..... Date samples received **May 29, 1986.**

Samples submitted by: .....

Company: **Mr.R.Trifaux** .....

Report on: **5 rocks assay prep** ..... Geochem samples

..... Assay samples

Copies sent to:

1. **R.Trifaux, Coquitlam, B.C.** .....
2. ....
3. ....

Samples: Sieved to mesh ..... Ground to mesh **-100**

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: **5 element trace ICP. Hg-flameless A.A., Au-wet.** .....

Remarks: .....

ATTENTION: MR. R. TRIFAUX  
 ( PPM ) MIN-EN 1 MIN-EN 2 MIN-EN 3 MIN-EN 4 MIN-EN 5

	-NA-86	-NA-86	-NA-86	-NA-86	-NA-86
AS	1.2	1.4	1.2	1.6	1.7
AS	7	10	9	9	12
BI	28	26	14	31	31
CU	66	71	74	72	71
SB	1	2	4	1	3

*Blair*

HG-PPB	70	45	45	55	85
AU-PPB	5	5	10	5	5

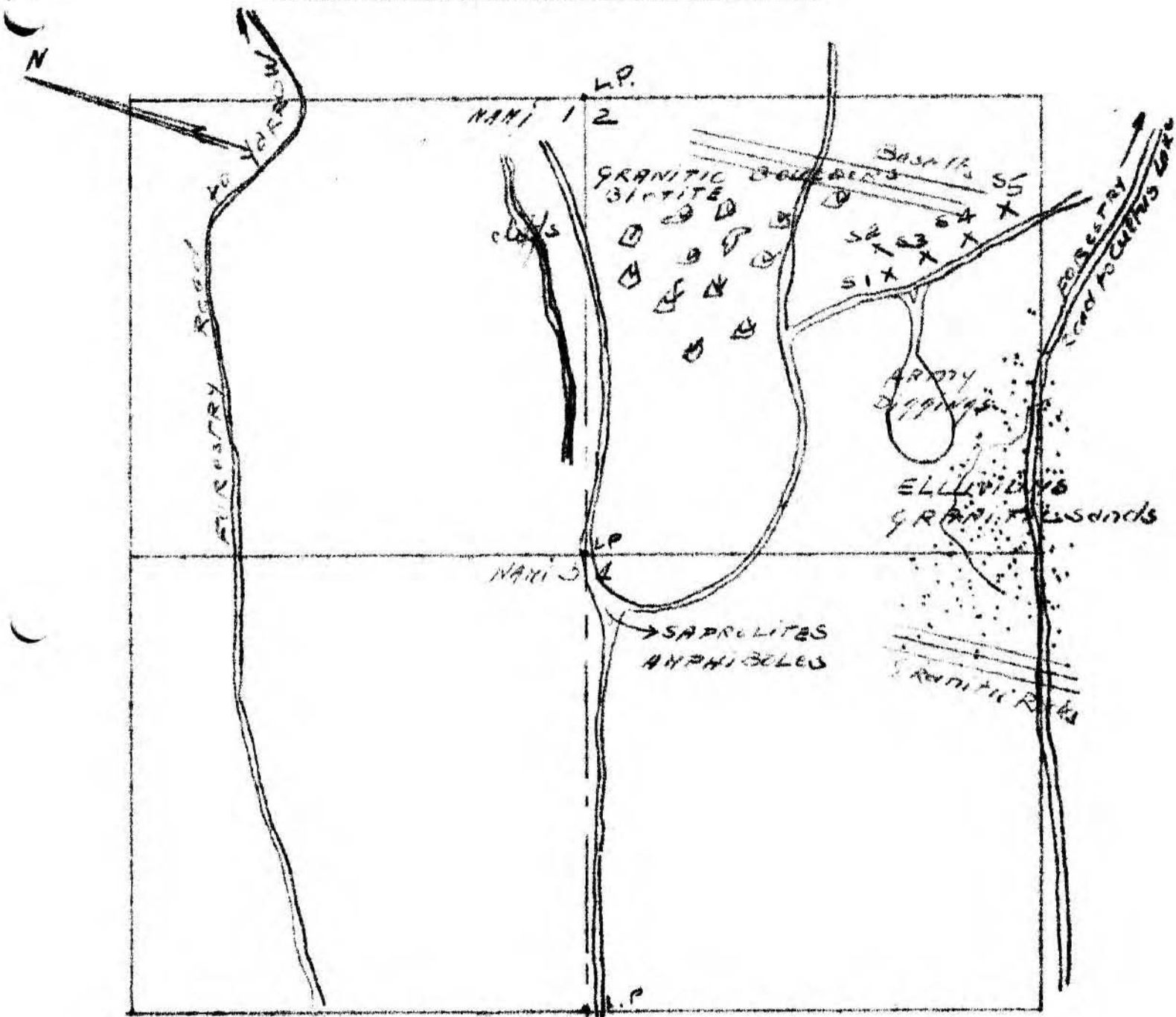
*P. Trifaux*

Geochemistry (continued)

- CH-20-M<sup>2</sup>-86    Arenaceous material with Manganese, steel lustre,  
Some oxidations.
- CH-21-M<sup>2</sup>-86    Dark Argillitic. Manganese. Oxidations.
- CH-22-M<sup>2</sup>-86    Grey quartzitic rock. White veins.
- CH-23-Bo-86    Argillitic rock, dark, sharp white quartz  
veinlets, some calcium (HCL ) test.
- CH-24-Bo-86    White quartz veinlets in argillitic rock  
Manganese, oxidation.
- CH-25-Bo-86    Cherty, rock with white quartz veinlets,  
Manganese.

NAMI CLAIMS (2 POSTS)

SAMPLES LOCATIONS



scale = 8cms = 457.2 m. (APPROX)

X - sample location  
 distance between samples  
 15m.  
 ANALYZED by MIN. EN LABORATORIES  
 AUGUST 1986 - *[Signature]*

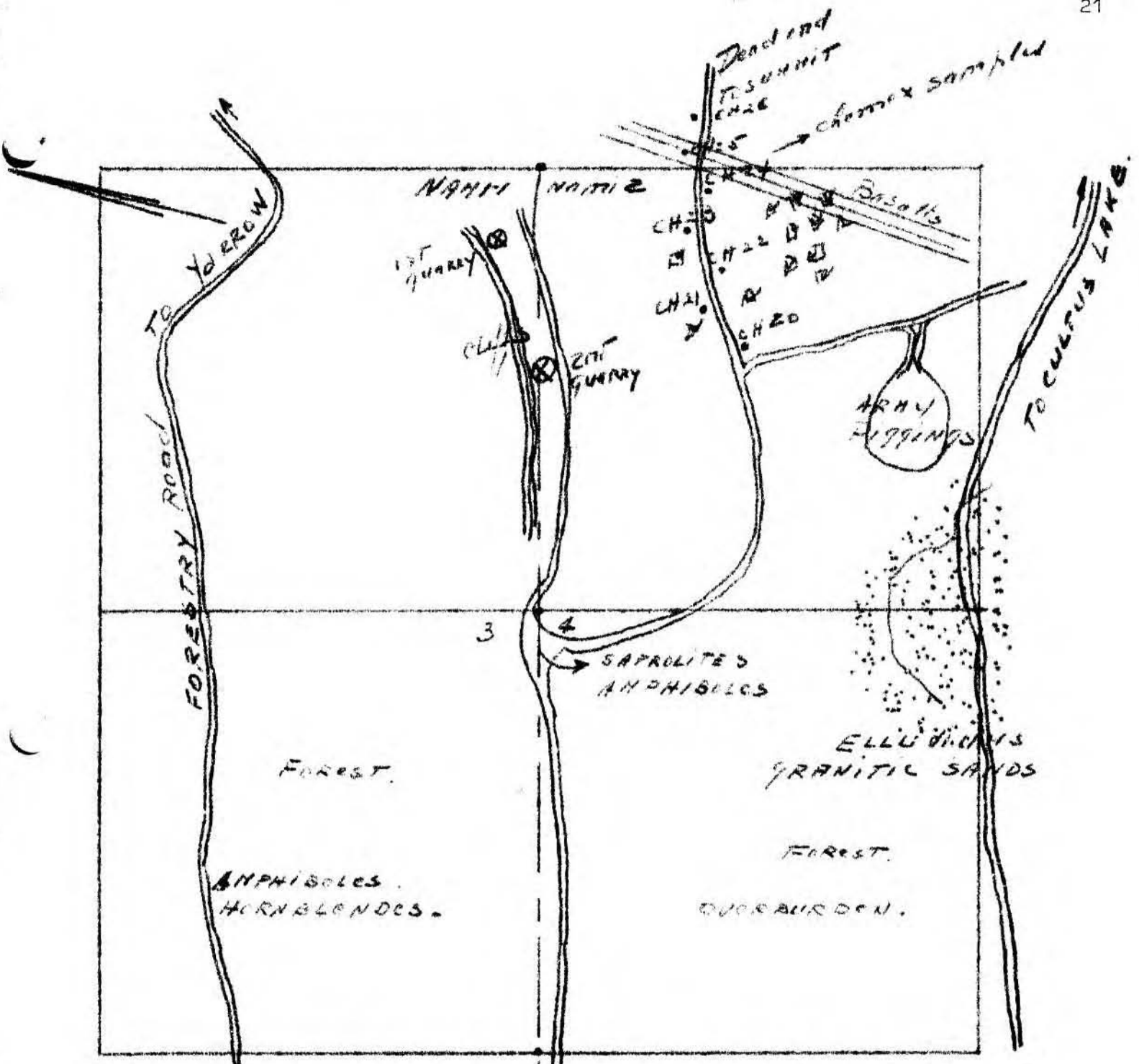
Geochemistry (continued) Chemex Labs Ltd.

<u>Samples</u>	<u>Sb</u>	<u>As</u>	<u>Bi</u>	<u>Ed</u>	<u>Cu</u>	<u>Ga</u>	<u>Pb</u>	<u>Mo</u>	<u>Ag</u>	<u>Tl</u>	<u>U</u>	<u>Zn</u>	<u>Hg</u>	<u>Au</u>
CH20-86	.2	7	.1	.1	45	7	69	1	.5	.1	.4	135	60	<5
CH21-86	.4	15	.1	.1	40	9	40	1	.3	.1	.6	100	70	<5
CH22-86	.4	5	.1	.1	25	11	55	1	.4	.1	.4	83	50	<5
CH23-86	.5	9	.1	.1	34	11	30	1	.4	.1	.2	104	80	<5
CH24-86	.4	6	.1	.1	42	14	20	1	.3	.1	.2	98	50	<5
CH25-86	.2	2	.2	.1	120	7	47	1	.3	.1	.2	97	40	<5

Comments

The results in the area in Geochemistry are meaningless at this time. The presence of lead and Zinc are predominant and Lead is outstanding. Mercury is also very highly anomalous, but Gold is low. Copper has one reading which is high, but in the overall context of the survey is without meaning too.

The effort which has been done here, was to develop all the trace elements relative to epithermal deposits Bi, Sb, As, Mo, Hg, Pb, Zn, but the survey didn't respond adequately to our research. We will go back in the area, evaluate the trend of the results in the physical environment.



NAMI CLAIMS (2 POSTS)

SAMPLES LOCATION.

• CH. 25M. BETWEEN SAMPLES.  
ANALYZED BY CHEMEX LAB.

August 1976. *[Signature]*

Scale 8cm = 457.2 m.



# Chemex Labs Ltd.

212 Brooksbank Ave.  
North Vancouver, B.C.  
Canada V7J 2C1  
Phone: (604) 984-0221  
Telex: 043-52597

Analytical Chemists • Geochemists • Registered Assayers

## CERTIFICATE OF ANALYSIS

TO : TRIFAU, R.

308 - 751 CLARKE RD.  
COQUITLAM, B.C.  
V3J 3Y3

CERT. # : A8612768-001-A  
INVOICE # : I8612768  
DATE : 16-MAY-86  
P.O. # : NONE  
M2

Sample description	Prep code	Hg ppb	Au ppb FA+AA				
CH-20-M2-86	205	60	<5	--	--	--	--
CH-21-M2-86	205	70	<5	--	--	--	--
CH-22-M2-86	205	50	<5	--	--	--	--
CH-23-B0-86	205	80	<5	--	--	--	--
CH-24-B0-86	205	50	<5	--	--	--	--
CH-25-B0-86	205	40	<5	--	--	--	--

Certified by Hart Bichler





# Chemex Labs Ltd.

Analytical Chemists    Geochemists    Registered Assayers

212 Brooksbank Ave.  
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Canada    V7J 2C1

Telephone: (604) 984-0221  
Telex: 043-52597

## CERTIFICATE OF ANALYSIS

TO : TRIFAUX, R.

308 - 751 CLARKE RD.  
COQUITLAM, B.C.  
V3J 3Y3

CERT. # : A8612769-001-A  
INVOICE # : I8612769  
DATE : 26-MAY-86  
P.O. # : NONE  
M2

Sample description	Sb ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Ga ppm	Pb ppm	Mo ppm	Ag ppm	Tl ppm	U ppm	Zn ppm											
	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	org ex	
CH-20-M2-86	0.2	7	0.1	0.1	45	7	69	1	0.5	0.1	0.4	135	--	--	--	--	--	--	--	--	--	--	--
CH-21-M2-86	0.4	15	0.1	0.1	40	9	40	1	0.3	0.1	0.6	100	--	--	--	--	--	--	--	--	--	--	--
CH-22-M2-86	0.4	5	0.1	0.1	25	11	55	1	0.4	0.1	0.4	83	--	--	--	--	--	--	--	--	--	--	--
CH-23-80-86	0.5	9	0.1	0.1	34	11	30	1	0.4	0.1	0.2	104	--	--	--	--	--	--	--	--	--	--	--
CH-24-80-86	0.4	6	0.1	0.1	42	14	20	1	0.3	0.2	0.2	98	--	--	--	--	--	--	--	--	--	--	--
CH-25-80-86	0.2	2	0.2	0.1	120	7	47	1	0.3	0.1	0.2	87	--	--	--	--	--	--	--	--	--	--	--

GEOLOGICAL BRANCH

15,000

Certified by Hart Bichler

Geochemistry (continued)

The survey which has been done in claims 3,4,5,6 to develop trace elements orientating in the new type of rocks discovered during 1986. Because of the successful results encountered South of Nami claims, (on the Summit) we were encouraged to do the research for the localization of precious and base metals.

The results obtained without being remarkable give us some good indication of certain type of rocks which contain sulfides and metals.

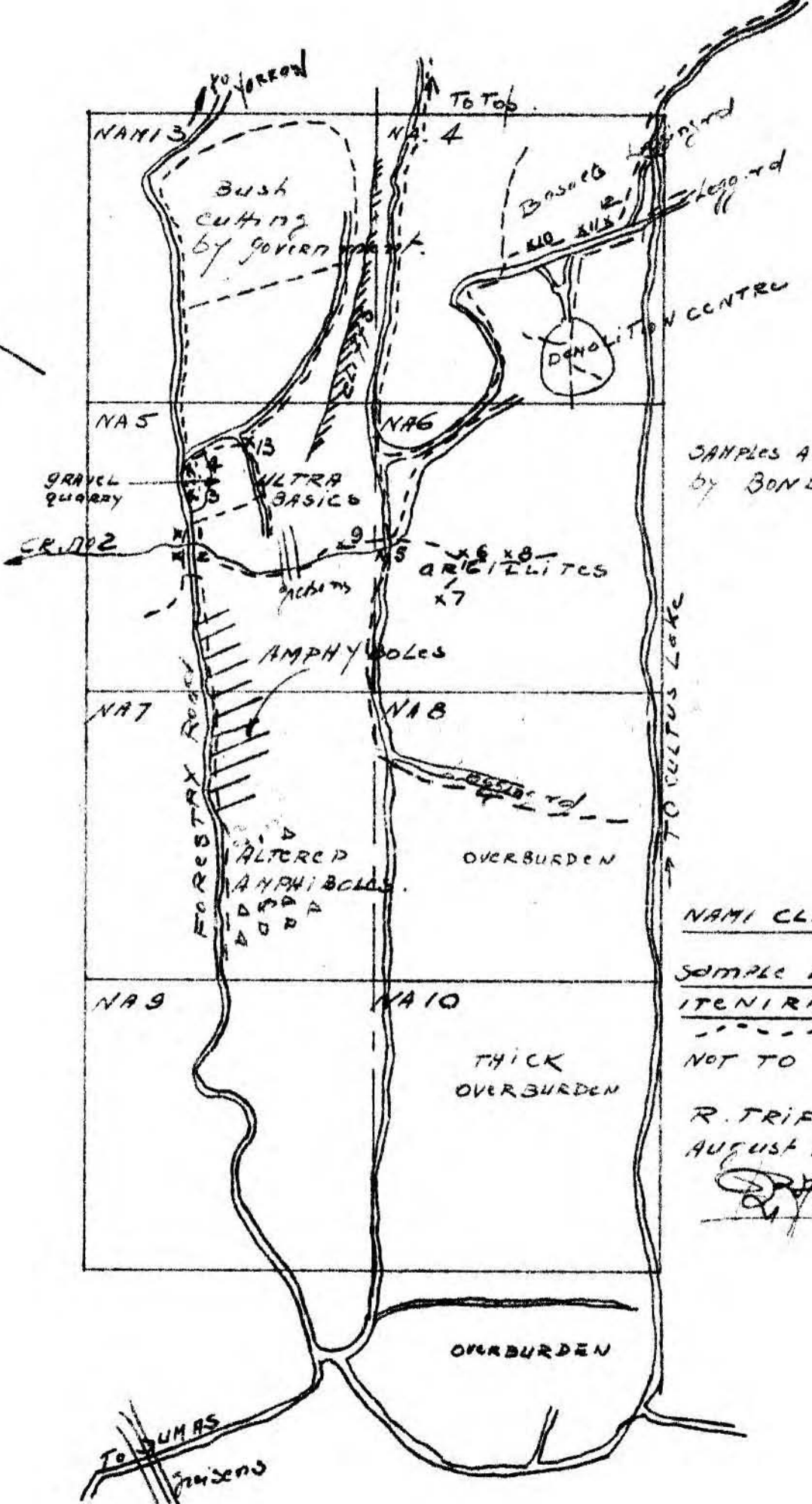
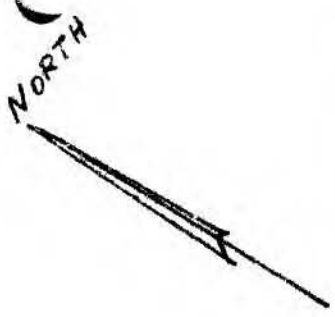
The ultrabasic rocks wick are very hard, difficult to break do not resemble at all the ultrabasic rocks of the Cariboo with their serpentinites, the talc deposits, but they contain high values in Cobalt, Chromium and Nickel. One of them R2 Bond(-Na 86 shows 30 ppb Au, Pt, 10 ppb, and Pd). These rocks will be systemically investigated. Mercury is high in 5 samples, Gold is low, one amphibole sample is high in Vanadium and in Ti, 11000 ppm. Arsenic is present, also Sn, Se, Te, Zn, Pb, in some of the samples.

TECHNICAL DATAGeochemistry (continued) Samples Descriptions

No 1-5-86R Serpentine - (analyses for Pt, Pd, Au) east creek 2	CL 5
No 2-5-86R Black Rock, fine grain, (sediment.) analyses Co, Cr, Ni, Zn, Pb, Ag. Creek 2	CL 5
No 3-5-86R HornBlendes - marked oxidations. Cu, Co, Pb, Zn, Ag. Creek 2	CL 5
No 4-5-86R Conglomerate. Creek 2. Cu, Co, Pb, Zn, Ag, Cr	CL 5
No 5-5-86R Greenstone. east creek 2. Au, Hg.	CL 5
No 6-5-86R Greenstone. east creek 2 close to Forestry Road. Au, Hg.	CL 6
No 7-5-86R ultramofic (serpentines) Ag, Cr, Co, Cu, Mo, Ni, Zn, Bi, Pb, V	CL 6
No 8-5-86R Greenstones (hard) sulfides. Au, Sb, As, Hg.	CL 6
No 9-5-86R Greenstones (hard) Au, Hg. Creek 2.	CL 5
No10-5-86R Greenstones (hard) Au, Hg.	CL 4
No11-5-86R Norite, Tio <sub>2</sub> , Nb, Van, Au.	CL 4
No12-5-86R multi element 20 elements.	CL 4
No13-5-86R multi element 20 elements.	CL 5

Geochemistry

<u>Sample #</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>Sb</u>	<u>Se</u>	<u>Hg</u>	<u>Au</u>	<u>As</u>	<u>Results</u>
1-86							120	5		Rock
2-86							90	2		Rock
3-86	40	10	30	<.5	<5	<5	55	3		Rock
4-86							70	4		Rock
5-86							55	3		Rock
6-86							35	2		Rock
7-86							55	2		Rock
8-86								<1		Rock
9-86								<1		Rock
10-86								180		Rock
11-86								2		Rock
12-86	190	<5	20	<.5	<5	<5		3		Rock
13-86								<1		Rock



SAMPLES ANALYZED  
by BONDAR-CLESS.

NAMI CLAIMS

SAMPLE LOCATIONS &  
ITINERARIES.

NOT TO SCALE

R. TRIFAU X -  
AUGUST 1986

TO SUMAS  
Sudens

Bondar-Clegg & Company Ltd.  
 130 Pemberton Ave.  
 North Vancouver, B.C.  
 Canada V7P 2R5  
 Phone: (604) 985-0681  
 Telex: 04-352667



Geochemical  
 Lab Report

307

REPORT: 126-1002 ( COMPLETE )

REFERENCE INFO: SHIPMENT #1-86

CLIENT: TRIFCO MINERALS LTD.  
 PROJECT: 86-S-86 NA

SUBMITTED BY: R. TRIFAU  
 DATE PRINTED: 9-MAY-86

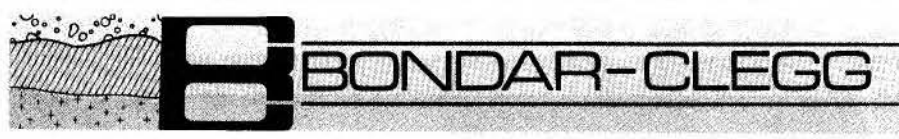
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
2	Pb Lead	1	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
3	Zn Zinc	1	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
4	Ag Silver	1	0.5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
5	Sb Antimony	1	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
6	Se Selenium	1	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
7	Hg Mercury	7	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA
8	Au Gold	7	1 PPB	FIRE-ASSAY	FIRE ASSAY DCP

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR RED ROCK	7	2 -150	7	CRUSH,PULVERIZE -150	7

REPORT COPIES TO: TRIFCO MINERALS LTD.

*Rou Trifau*  
 INVOICE TO: TRIFCO MINERALS LTD.

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-352667



Geochemical  
Lab Report

REPORT: 126-1005

PROJECT: 86-S-86 NA

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Sb PPM	Se PPM	Au PPB
R2 BOND NO.8-S-86	"							<1
R2 BOND NO.9-S-86	"							<1
R2 BOND NO.10-S-86	"							180
R2 BOND NO.11-S-86	"							2
R2 BOND NO.12-S-86	"	190	<5	20	<0.5	<5	<5	3
R2 BOND NO.13-S-86	"							<1

6

*Handwritten notes:* 86-S-86 NA

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Geochemical  
Lab Report

REPORT: 126-1345 ( COMPLETE )

REFERENCE INFO: 31

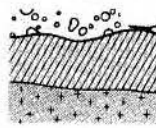
CLIENT: MR. R. TRIFAU  
PROJECT: NONE GIVEN

SUBMITTED BY: R TRIFAU  
DATE PRINTED: 3-JUN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
2	Pb Lead	3	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
3	Zn Zinc	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
4	Mo Molybdenum	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
5	Co Cobalt	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
6	Ni Nickel	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
7	Cr Chromium	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
8	Mn Manganese	2	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
9	Cd Cadmium	2	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
10	Ag Silver	3	0.5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
11	Bi Bismuth	3	2 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
12	Fe Iron	2	0.05 PCT	HNO3-HCL HOT EXTR	D.C. Plasma
13	V Vanadium	3	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
14	As Arsenic	2	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
15	Te Tellurium	2	10 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
16	U Uranium	2	10 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
17	W Tungsten	2	10 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
18	Sb Antimony	2	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
19	Se Selenium	2	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
20	Sn Tin	2	10 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
21	Cu Copper	2	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
22	Pb Lead	3	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
23	Zn Zinc	3	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
24	Ag Silver	3	0.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
25	Ni Nickel	1	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
26	Co Cobalt	3	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
27	Cr Chromium (Acid Sol.)	1	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
28	As Arsenic	1	2 PPM	NITRIC PERCHLOR DIG	Colourimetric
29	Hg Mercury	5	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA
30	V Vanadium	1	2 PPM	MULTI ACID TOT DIG	Atomic Absorption
31	Au Gold - Fire Assay	6	5 PPB	FIRE-ASSAY	Fire Assay AA
32	Pt Platinum	1	15 PPB	FIRE-ASSAY	Fire Assay AA
33	Pd Palladium	1	2 PPB	FIRE-ASSAY	Fire Assay AA
34	Ti Titanium	1	30 PPM		X-RAY Fluorescence
35	Nb Niobium	1	5 PPM		X-RAY Fluorescence
36	Sb Antimony	1	2 PPM		X-RAY Fluorescence



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# BONDAR-CLEGG

**Geochemical  
Lab Report**

REPORT: 126-1345 ( PARTIAL )

REFERENCE INFO:

CLIENT: MR. R. TRIFAU  
PROJECT: NONE GIVEN

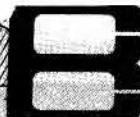
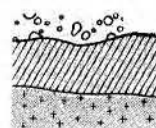
SUBMITTED BY: R TRIFAU  
DATE PRINTED: 29-MAY-86

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	13	2 -150	13	CRUSH,PULVERIZE -150	13

REPORT COPIES TO: MR. R. TRIFAU

INVOICE TO: MR. R. TRIFAU

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# BONDAR-CLEGG

## Geochemical Lab Report

REPORT: 126-1345

PROJECT: NONE GIVEN

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Co PPM	Ni PPM	Cr PPM	Mn PPM	Cd PPM	Ag PPM	Bi PPM
R2 BOND #1-NA-86												
R2 BOND #2-NA-86												
R2 BOND #3-NA-86												
R2 BOND #4-NA-86												
R2 BOND #5-NA-86												
R2 BOND #6-NA-86												
R2 BOND #7-NA-86		17	<5	10	5	125	2283	744			<0.5	<2
R2 BOND #8-NA-86												
R2 BOND #9-NA-86												
R2 BOND #10-NA-86												
R2 BOND #11-NA-86												
R2 BOND #12-NA-86		58	5	84	7	34	132	115	1469	2	<0.5	<2
R2 BOND #13-NA-86		60	<5	74	6	34	93	101	989	2	<0.5	<2

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Geochemical  
Lab Report

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REPORT: 126-1345

PROJECT: NONE GIVEN PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	V PPM	As PPM	Te PPM	U PPM	W PPM	Sb PPM	Se PPM	Sn PPM	Cu PPM	Pb PPM
R2 BOND #1-NA-86												
R2 BOND #2-NA-86												5
R2 BOND #3-NA-86											14	3
R2 BOND #4-NA-86											83	7
R2 BOND #5-NA-86												
R2 BOND #6-NA-86												
R2 BOND #7-NA-86			26									
R2 BOND #8-NA-86												
R2 BOND #9-NA-86												
R2 BOND #10-NA-86												
R2 BOND #11-NA-86												
R2 BOND #12-NA-86		6.88	166	8	<10	15	<10	<5	6	<10		
R2 BOND #13-NA-86		6.48	188	10	<10	<10	<10	<5	<5	<10		

2 copies



*None*

REPORT: 126-1345

PROJECT: NONE GIVEN PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	V PPM	As PPM	Te PPM	U PPM	W PPM	Sb PPM	Se PPM	Sn PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM
R2 BOND #1-NA-86													
R2 BOND #2-NA-86													
R2 BOND #3-NA-86										14	3	20	1.0
R2 BOND #4-NA-86										83	7	95	0.6
R2 BOND #5-NA-86													0.8
R2 BOND #6-NA-86													
R2 BOND #7-NA-86		26											
R2 BOND #8-NA-86													
R2 BOND #9-NA-86													
R2 BOND #10-NA-86													
R2 BOND #11-NA-86													
R2 BOND #12-NA-86		166	8	<10	15	<10	<5	6	<10				
R2 BOND #13-NA-86		188	10	<10	<10	<10	<5	<5	<10				

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Geochemical  
Lab Report

36

REPORT: 126-1345

PROJECT: NONE GIVEN

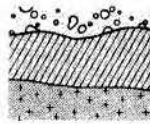
PAGE 10

SAMPLE NUMBER	ELEMENT UNITS	Zn PPM	Ag PPM	Ni PPM	Co PPM	Cr PPM	As PPM	Hg PPB	V PPM	Au PPB	Pt PPB	Pd PPB
R2 BOND #1-NA-86										30	<50	10
R2 BOND #2-NA-86		120	1.0	18	19	35						
R2 BOND #3-NA-86		20	0.6		9	125						
R2 BOND #4-NA-86		95	0.8		14	103						
R2 BOND #5-NA-86								20		<5		
R2 BOND #6-NA-86								45		<5		
R2 BOND #7-NA-86												
R2 BOND #8-NA-86							<2	45		<5		
R2 BOND #9-NA-86								30		<5		
R2 BOND #10-NA-86								40		<5		
R2 BOND #11-NA-86									1150			
R2 BOND #12-NA-86												
R2 BOND #13-NA-86												

2 copies

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# BONDAR-CLEGG

**Geochemical  
 Lab Report**

REPORT: 126-1005 ( COMPLETE )

REFERENCE INFO: SHIPMENT #1-86

CLIENT: MR. R. TRIFAUX

SUBMITTED BY: R. TRIFAUX

PROJECT: 86-3-86 NA

DATE PRINTED: 9-MAY-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
2	Pb Lead	1	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
3	Zn Zinc	1	1 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
4	Ag Silver	1	0.5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
5	Sb Antimony	1	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
6	Se Selenium	1	5 PPM	HNO3-HCL HOT EXTR	D.C. Plasma
7	Au Gold	6	1 PPB	FIRE-ASSAY	FIRE ASSAY DCP

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	6	2 -150	6	CRUSH.PULVERIZE -150	6

REPORT COPIES TO: MR. R. TRIFAUX

INVOICE TO: MR. R. TRIFAUX



REPORT: 126-1002

PROJECT: 86-5-86 NA

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Sb PPM	Se PPM	Hg PPB	Au PPB
R2 BOND NO. 1-5-86								120	5
R2 BOND NO. 2-5-86								90	2
R2 BOND NO. 3-5-86		40	10	30	<0.5	<5	<5	55	3
R2 BOND NO. 4-5-86								70	4
R2 BOND NO. 5-5-86								55	3
R2 BOND NO. 6-5-86								35	2
R2 BOND NO. 7-5-86								55	2

*7*

*Name claim*

*Gold & Mercury,*

*float sample near*

*army ground.*

*Au located on skates*

*& map*

*Literature reviewed Hg 23 ppb - all here are high amounts.*

*Personnel in most field are less than 5 ppb.*

*2 copy*

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Geochemical  
Lab Report

REPORT: 126-1345

PROJECT: NONE GIVEN

PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Co PPM	Cr PPM	As PPM	Hg PPB	V PPM	Au PPB	Pt PPB	Pd PPB	Ti PPM	Nb PPM	Sb PPM
R2 BOND #1-NA-86								30	<50	10			
R2 BOND #2-NA-86		18	19	35									
R2 BOND #3-NA-86			9										
R2 BOND #4-NA-86			14										
R2 BOND #5-NA-86						20		<5					
R2 BOND #6-NA-86						45		<5					
R2 BOND #7-NA-86													
R2 BOND #8-NA-86					<2	45		<5					<2
R2 BOND #9-NA-86						30		<5					
R2 BOND #10-NA-86						40		<5					
R2 BOND #11-NA-86						X	1150				11000	<5	
R2 BOND #12-NA-86						X	X				X		
R2 BOND #13-NA-86													

2 up in



SUMMARY OF COSTS

R. Trifaux. time 146.5 hours at 12.50	\$1,831.25
Mileage 815 kms x 0.20 =	163.00
Meals 32 x \$7.50 =	240.00
Chemex Labs Ltd. Invoices	179.22
Min-En Laboratories Ltd.	85.00
Bondar-Clegg & Company Ltd.	266.50
Miscellaneous expenses	1,045.00
GRAND TOTAL	<u>\$3,809.97</u>



EXPENSE SUMMARY

<u>DATES</u>	<u>BRIEF DESCRIPTION</u>	<u>HOURS</u>	<u>KMS</u>	<u>MEALS</u>
02-04-86	Sampling for new minerals on the claims - Au, Ag, As, Hg & Sb. Search for outcrops - Nami claim No1 and 2. Quarry at the end of the road (1'st quarry)(Sample taking. Dark rocks, chlorite and manganese film on the rock. 2'nd to the test. Cleaning and testing rock samples.	8 1.5	200 -	2 -
05-04-86	Search for samples not associated with Granits. 1'st quarry - 2'nd quarry - 3'rd excavation on claims 1,2,3,5,6. Greenstones materials sulfides in second quarry and 3'rd excavation - cleaning & testing.	8 1.5	200 -	2 -
09-04-86	Samples on main road on claim No2, No4. Samples on access road to the diggings created for the army. Found several samples with banded material and sulfides. Some Greenstones with sulfides. Cleaning & testing.	8.5 1.5	200 -	2 -
10-04-86	Samples on the road going South-east close to the army openings. Found Greenstones with sulfides. 1 sample Granite with sulfides. Sample cleaning and test. Claim Nami 4 and 6.	8.5 1.5	200	2
15-04-86	Creek No2, followed to creek in falls and farther some fine materials (sinter) oxidized. Sampling the rocks and Sinter claim No5.	7.5 1.5	210 -	2 -
16-04-86	Creek No2 on lower level road close to the road where loggers are leaving the Forestry road. Gravels, rock, Greenstones and serpentines. Claim No5. Cleaning vain.	7 1.5	210 -	2 -

EXPENSE SUMMARY (continued)

<u>DATES</u>	<u>BRIEF DESCRIPTION</u>	<u>HOURS</u>	<u>KMS</u>	<u>MEALS</u>
18-04-86	Lower level road on road on top of plateau going to Creek No2. Serpentine and Norite rock. Sample No cl5. Greenstones, Sulfides. Cleaning & testing. Soferites, highly magnetic. Heavy.	8 1.5	210 -	2 -
21-04-86	Sampling on the road going to the top of the Mountain. Banded rock wth fine sphalerite and sulfide. Ribbon attached near face of rocks. Cleaning and testing.	7.5 1.5	210 -	2 -
23-04-86	Sampling the sides of the road going to South-east of army openings on the Mountain. New Greenstone samples with sulfide Claim No4.	8	210	2
26-04-86	Creek 2 in creek. Schist argillite samples and norite. Sulfides in soils on claims No5 and 6.	8	210	2
27-04-86	cl 5,6,7,8 on logging roads in the overburden areas South side, Sampling floats. Greenstone with banding. Some with choncoial fracture some platy. Cleaning samples and testing.	8 1.5	200	2
30-04-86	cl 5,6,7,8 on logging road on lower level road. West side. North side. Sampling of floats and the cleaning and testing.	8 1.5	200 -	2 -
02-05-86	claim 7,8,9,10. Upper road and lower road going to creek 2 looking for banded Greenstones and floats. Cleaning & testing.	8 1.5	200	2
03-05-86	claims 8,9,10 on South side of logging road - one going to the Columbia River. Searching for Greenstones (banded) and other schists, argillite with sulfides, pyrites.	8	200	2

EXPENSE SUMMARY (continued)

<u>DATES</u>	<u>BRIEF DESCRIPTION</u>	<u>HOURS</u>	<u>KMS</u>	<u>MEALS</u>
04-05-86	Lower road going to Creek 2 - area between Creek and 1'st road going South-east. Norite, Gabbros argillite, Greenstone. Sampling, testing, HCL, mineral light.	8 1.5	200	2
14-05-86	Lower road. Main road going South east. Sampling floats. Schists, argillite, testing. HCL, mineral light. Magnetism.	8 1.5	200 -	2 -
		146.5	3260	32

TOTALS	Hours	146.5 x 12.50 =	\$1,831.25
	Kms	3,260 x 0.20 x 0.25 =	163.00
	Meals	32 x 7.50 =	240.00
			-----
			\$2,234.25

GEOCHEMICAL - COSTS OF ANALYSES

Chemex Labs Ltd

Invoice # 186 127 68	Certificate 12768	\$ 107.22
Invoice # 186 127 69	Certificate 12769	72.00
		-----
		\$ 179.22

Min-En Laboratories Ltd.

Invoice # 1566 B	Report 6-284	\$ 85.00
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Bondar-Clegg & Company Ltd.

Invoice # 22404	Report 126-1005	\$ 72.00
Invoice # 22990	Report 126-1345	194.50
		-----
		\$ 266.50

GRAND TOTAL - Chemex Labs Ltd.	\$ 179.22
Min-En Laboratories Ltd.	85.00
Bondar-Clegg & Company Ltd.	266.50
	-----
	\$ 530.72



STATEMENT OF QUALIFICATIONS

EDUCATION

1. Tamines School of Mines, Belgium. 2 years - diploma
2. Chatelineau School of Mines, Belgium. 2 years - diploma
3. University of Charleroi, Hainaut, Belgium. 1 year mining, geology, mining technologies, reports. 1 certificate

The copies of diplomas and certificates have been presented to the Cariboo Mining Division with my 1977-1978 statement of works in Quesnel, Cariboo.

4. I passed successfully the test of rocks and mineral identification with a mining engineer from the Department of Mines in 1978, in Robson Square, Vancouver.
5. Cost accounting (2 years) with McMaster University in Ontario.

EXPERIENCE

I have extensive experience in exploration and mining from Zaire (previously Belgian Congo) and from Ruanda - Burundi in Central Africa.



1. "La Compagnie Des Grands Lacs Africains" Brussels from Belgium. Minerals mined were cassiterite, columbite, gold and increase of reserves by exploration of benches in the creeks.
2. "La Compagnie Mirudi" affiliated company of the Grands Lacs Africains Company, Brussels, Belgium. (Cassiterite, Colombo - tantalites, gold ores). Localities: Mokoro, Musumba, Mutwe-Niamdo.
3. Mr. R. Henrion, Explorations Minieres in Central Africa, Busoro, Ruanda on Kivu Lake. (Cassiterites, Wolframites, Beryllium ores)
4. DeBorchgrave Mines d'Etain, Kigali, Ruanda. Open pit, underground mines of cassiterite, columbites.

I was successful in exploring the granitic massif of Central Ruanda-Burundi. I described my method of exploration in the 1977-1978 report (assessment works) related to the distances between lines and pits, flying prospecting, and systematic with calculations of zones of influence and reserves in placers. I opened several mines in gold, cassiterite, columbite, plotting and establishing the hydraulic works, worked in open pit and underground. I established topographical maps showing the locations of my discoveries.

I started prospecting in British Columbia in 1959 for gold placer in the Cariboo Mining Division for a company. Today I have claims containing precious metals, base metals and industrial minerals. I do my geochemical surveys in silt, soils and rocks for my reconnaissance and systematic prospecting and orient my works according to the results of such surveys.

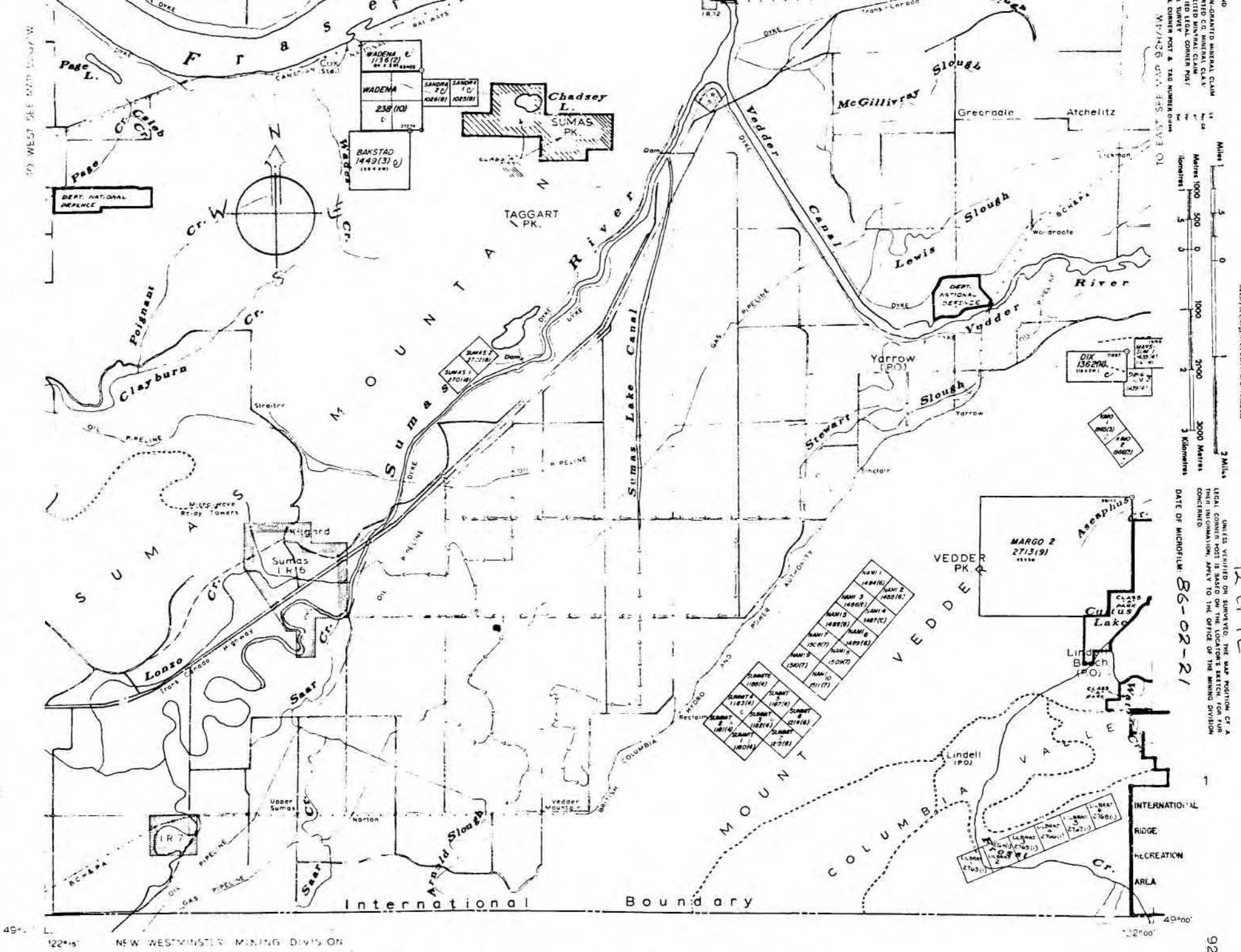
Beneficiation studies of some industrial mineral products have been done by the Ontario Research Foundation.

I am a member of the Canadian Institute of Mining and Metallurgy (CIM) and the Chamber of Mines of British Columbia. I buy my literature from the Department of Mines of B.C. and Ottawa and from the Geological Survey of Canada, in Vancouver. I have subscriptions to the Engineering and Mining Journal, CIM Bulletin, Chemical Week and Northern Miner. I keep informed with different publications from private and government organizations.

I consult with professionals and use the most up to date prospecting equipment available to prospectors (topolite, geiger counter, mineral light, stereoscope, small microscope, altimeters etc.)

I learned very useful informations on the industrial minerals from the Ontario Research Foundation, related to talc, graphlite, calcium carbonate, wollastonite etc. I am engaged in the research of miscellaneous industrial minerals which will be needed in the following years and the following century.

MAP #1 CLAIM LOCATION



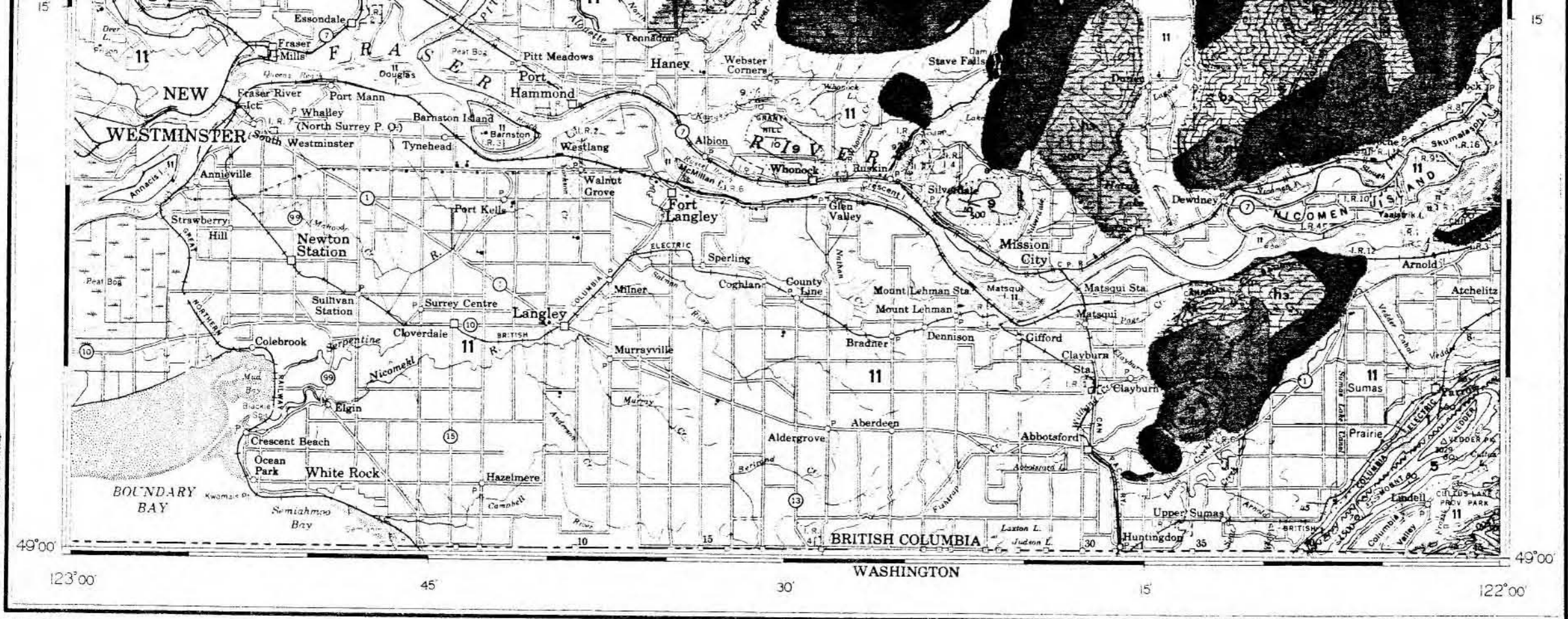
UNLESS VERIFIED OR SUBMITTED TO THE MAPPING DIVISION OF THE BUREAU OF LAND MANAGEMENT, THE LOCATION OF THESE CLAIMS IS NOT GUARANTEED. THE LOCATION OF THESE CLAIMS IS BASED ON THE INFORMATION PROVIDED TO THE OFFICE OF THE MAPPING DIVISION OF THE BUREAU OF LAND MANAGEMENT.

TO WEST SEE MAP 5007/W  
TO EAST SEE MAP 5007/E

UNLESS VERIFIED OR SUBMITTED TO THE MAPPING DIVISION OF THE BUREAU OF LAND MANAGEMENT, THE LOCATION OF THESE CLAIMS IS NOT GUARANTEED. THE LOCATION OF THESE CLAIMS IS BASED ON THE INFORMATION PROVIDED TO THE OFFICE OF THE MAPPING DIVISION OF THE BUREAU OF LAND MANAGEMENT.

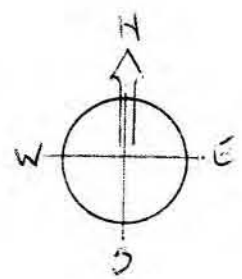
DATE OF MICROFILM: 86-02-21

9261E



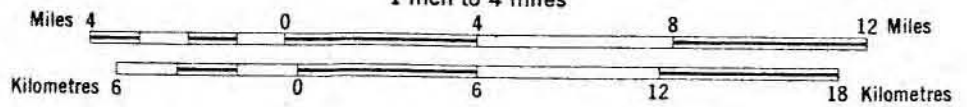
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MAP 1151A  
 GEOLOGY  
**PITT LAKE** 202.  
 (Vancouver, East Half)  
 BRITISH COLUMBIA

Scale 1:253,440  
 1 inch to 4 miles



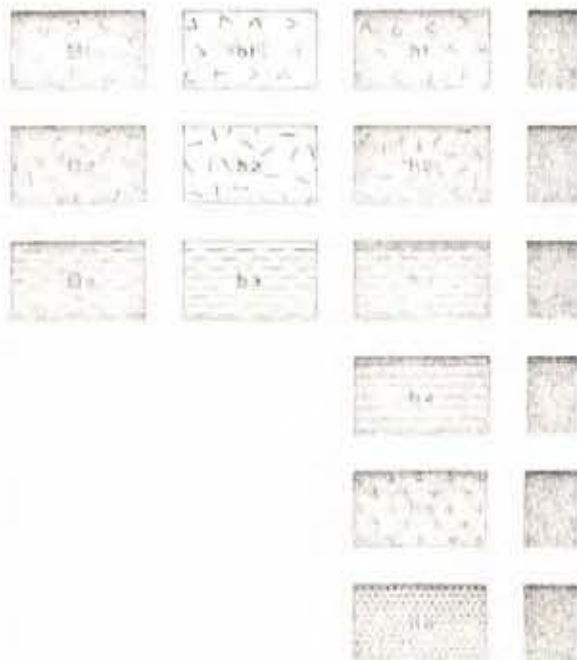
LEGEND

Map unit 2 does not appear on this map

CENOZOIC	QUATERNARY	
	11	Alluvial, marine and glacial deposits X
	10	GARIBALDI GROUP: basalt andesite, dacite and rhyodacite flows; minor pyroclastic rocks. (May include some Tertiary)
	TERTIARY Eocene MIDDLE EOCENE AND LATER	
	9	Basalt flows or sills; dykes and minor pyroclastic rocks.
	8	Sandstone, shale, and conglomerate; minor tuff and coal
MESOZOIC	CRETACEOUS UPPER CRETACEOUS	
	7	HILM FORMATION: argillite, quartzite, sandstone, conglomerate, limestone and arkose; paragneiss
	JURASSIC AND CRETACEOUS UPPER JURASSIC AND LOWER CRETACEOUS	
	6	GAMBIER GROUP: tuff, breccia, agglomerate, andesite, argillite, greywacke, quartzite, and conglomerate; minor schist, granite, limestone, lime-silicate rock, slate
	5	FIRE LAKE GROUP: greenstone, slate, chlorite schist, greywacke, granite, andesite, conglomerate, quartzite; minor limestone X
	JURASSIC MIDDLE JURASSIC	
	4	HARRISON LAKE FORMATION: porphyritic meta-andesite and meta-dacite; minor breccia and arkose
	LOWER AND MIDDLE (?) JURASSIC	
	3	CULTUS FORMATION: slaty argillite; minor shale, siltstone, greywacke, slaty limestone, and silicified argillite
	PRE-JURASSIC	
2	BOWEN ISLAND GROUP: mainly greenstone; minor chert and greywacke	
1	TWIN ISLAND GROUP: hornblende-granulite, amphibolite, gneiss, schist, conglomerate, quartzite, meta-arkose, lime-silicate rock; porphyrite X	

COAST PLUTONIC ROCKS

Varieties B3, b1, h1, and h5 are present but cannot be shown on the scale



- B, biotite is the only mafic mineral present in appreciable
- b, biotite is more abundant than hornblende
- h, hornblende is more abundant than biotite
- H hornblende is the only mafic mineral present in apprec

The vertical line at left indicates the axis of formation and evolution of the pluton

Projections to the left indicate probable periods of movement of the plutonic

Geological boundary (defined, approximate, assumed, gradational)	.....
Bedding (inclined, vertical)	.....
Foliation, schistosity, gneissosity (inclined, vertical)	.....
Fault (defined, approximate, assumed)	.....
Fossil locality	.....
Mineral occurrence or property with location number	X Cu 5
Pyritization	X