

R.Trifaux Assessment works. New Westminster Mining Division.
Marg-Sum Group of claims. 1982-1983.

GENERAL NATURE OF REPORT: this report deals with the reconnaissance of the areas of the claims and the surroundings. The geo-chemical and physical works are reported.

CLAIMS INVOLVED: Marg-Sum 1-one unit.

Marg-Sum 2 & 3-two two posts claims.

MINING DIVISION: NEW WESTMINSTER.

SPECIFIC LOCATION: South-East corner of Map 92G-1E
South West corner of map 92H/4W

49°05'
122°00'

OWNER OF CLAIMS: Rene Trifaux.

OPERATOR:

CONSULTANT:

AUTHOR OF REPORT: Rene Trifaux.

Date of submission: March 28/1983

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,133

R.Trifaux.Assessment Works, New Westminster Mining District.
Marg-Sum Claims group-Vedder Mountain 1982-1983.-

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Assessment works 1982-1983.-INTRODUCTION

Works done on Marg-Sum group of claims, no 1 to no 3, for the period.

Location: New Westminster Mining District.

Maps: 92G /1E
92H /4W

Latitude- 49° 05' N (approx)

Longitude- 122° 07' W (")

Owner of claims: Rene Trifaux.

Author of report: Rene Trifaux.

Date of report submission:

TOPOGRAPHY: Claim no 1 is on the left bank of Hatchery creek and situated on a hill with a difference of level from top to bottom of 120 metres approximately. The 2 other claims are in part on the east side of Vedder Mountain and part in the flat of Hatchery creek. From the flat of the creek to the highest point on the claims the difference of level is 75 m. approximately.

VEGETATION: the area has been covered with cedar trees in the past the logging has been extensive. Generally a second growth of trees exist on the claims and some pines are on the sites.

Claims Staked: 3.-

Previous works: a rapid reconnaissance of the hills, roads, logging roads has been done in 1981.

GEOLOGY: All mesozoic and upper Paleozoic bed-rock, includes sedimentary, volcanic and metamorphic rocks. Deposits of 1 to 5 metres (and more) thick of glacial, colluvial and eolian sediments exist on the mountain and the hills.

Rock types: black schists with sulphides, extensive pyrites in some, some contains base metals (see geochemical reports).

Granitic rocks with porphyritic textures show kaolinitic alteration of feldspars. Limestone, greenstones are part of the rocks.

In this area it is difficult at this stage to determine the structures.

Some alterations on the rocks show deep brown colours (limonites) but some white veinlets are predominant. HCL test gave no response, it is not quartz, it is not calcite. It is difficult to situate the specimen at this time.

Another type of rock, with a good percentage of magnesium in it, is white to grey, heavy, with crystals of minerals which are dark brown, reddish, green. It is not a serpentine, I know very well the appearance of serpentine. The geochemical analysis show values of nickel, cobalt, copper. One anomaly has been detected with a report.

INTRODUCTION(continued).-

The area prospected(geology,geochemical analyses,topography etc...) in the report is situated on the east part of the Vedder Mountain.

Part of the area is situated on Lot 820 shown on the Mission Map, scale 1:50,000.(see copy of map in the report)and the rest is on Crown Land,in the Chilliwack District Municipality.Furthermore the area is situated 600metres approximately south of the Yarrow-Chilliwack-Cultus Lake road.

To reach the Marg-Sum claims,one takes the highway no1 from Vancouver going East to Abbostford;from Abbotsford ones continues up to the intersection of no1 highway with the Yarrow road which leads to the Yarrow village;from there one passes through the village,crosses the B.C.Hydro railway line and drives 7 miles to the next intersection At the intersection one turns right into the Cultus Lake access road. Before reaching the Lake,a gravel road near a gravel pit,situated on the right side of the main access road,is the one to take to go on the Vedder Mountain.

Starting from the bottom,one drives 800metres and reaches the Parmenter property.From this Property,one drives 1 kilometre and reaches a gate going on the Property.The Marg-sum claims are at the end of the road from the gate to a central point where some logging is done.On this last strecth of road one drives approximately 2 kms before reaching the logging area.

Here one will observe the logging area and several small logging roads going in all directions(see sketch showing the roads and the ones leading to the post of the claims).

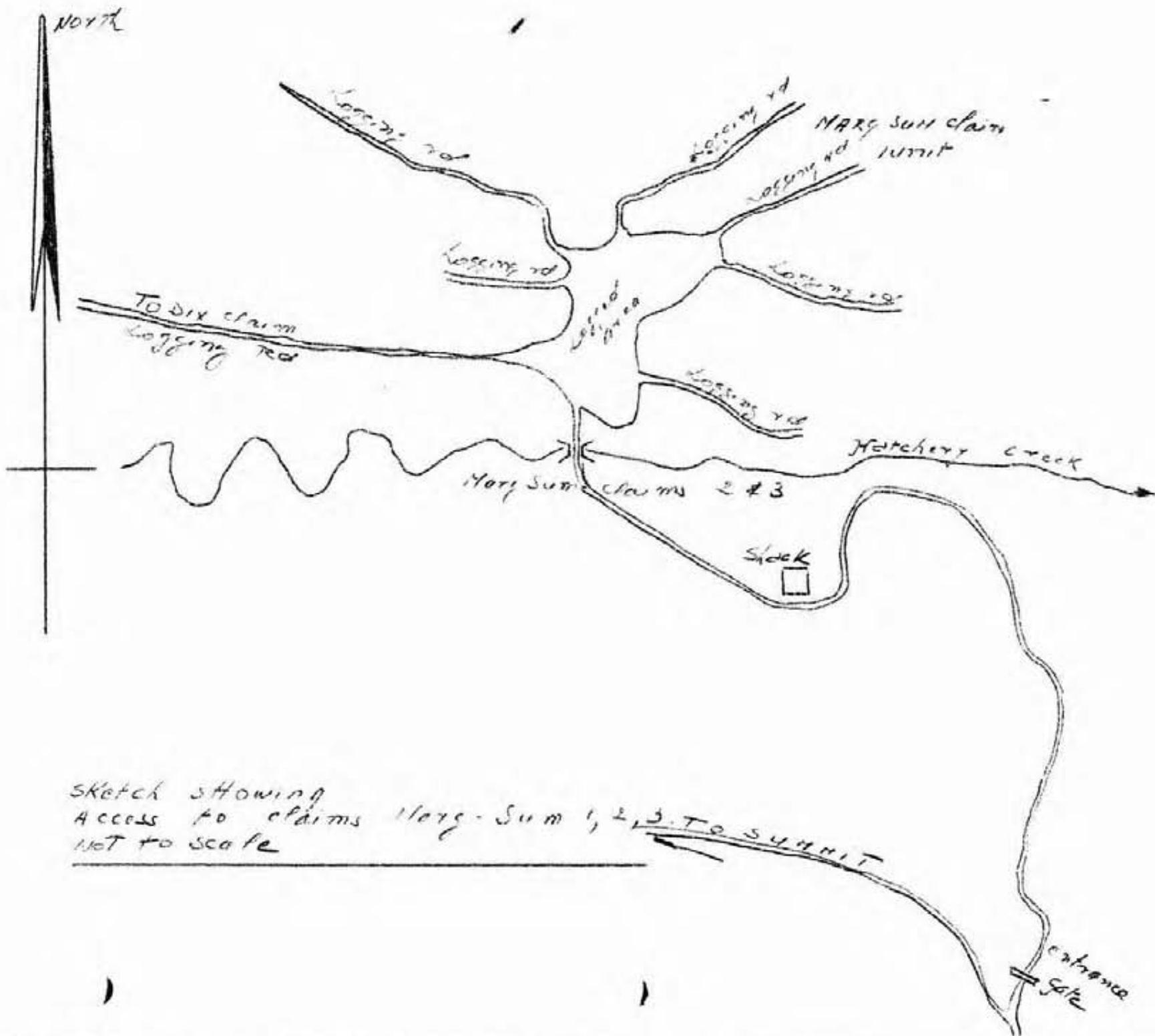
On the last strecth one will passes on the small bridge above the Hatchery creek which is always referred to in this report.From the bridge the road goes for 200 metres and turn west for 600 metres approximately;near the Dix claims,the road is terminated.

I staked the Marg-Sum claim no 1 as a unit,no2 and no3 are two Posts claims.The four sides of unit 1,have been blazed and marked with red paint on trees and stumps.

I did the reconnaissance of the creek for rocks to know the nature of the bed-rock,but the flat is poor in showings close to the creek. The showings are better on the north side of the creek near the road and up on the claims.I also did some reconnaissance on a creek which a small affluent of the Hatchery cr.I found some granites in boulders in the creek.

I prospected the area on the claims and found gneiss outcrops on the north-easterly corner of unit no1.I also found some outcrops of limestones and greenstones on the S.W.corner of the same claim. The greenstones are going up on the claim in a N.East direction. Boulders with sulphides and sulphosalts were encountered and in one geochemical analysis Pb,Zn,Cu,Ag were detected.The white material is under investigation.

At this stage I have difficulty in localizing the origin of the boulders.More research will be done on this type of rock next season.



Sketch showing

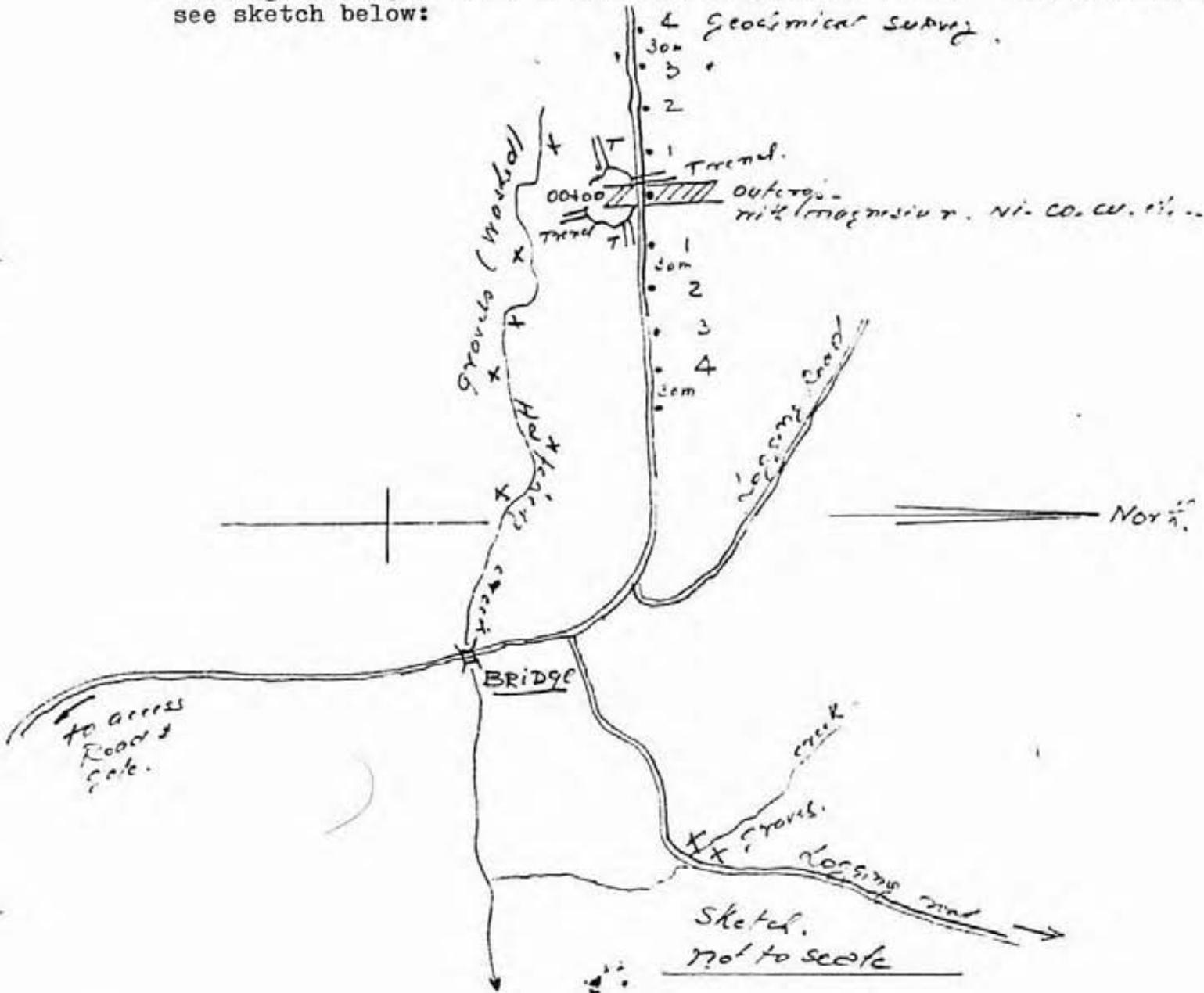
Access to claims Mary-Sum 1, 2, 3 TO SUMMIT

NOT TO SCALE

INTRODUCTION:(continued).

By pan, I washed the gravels on a small affluent of Hatchery creek, on the left bank, on the east part of the bridge, on the first logging road. I investigated the gravels upstream of the bridge of Hatchery creek. All the gravels which have been washed were done to investigate the values of magnetite, (see map with values of magnetite and other metals in the report.). Gravels have been washed on the two banks of the creek.

A small geochemical survey has been done on the left bank of the creek, on claim Marg-Sum 2,200 metres west of the bridge. 9 samples have been analyzed for SnO₂, W, Mo, Zn, Pb, Cu. (see laboratory report no 122-1072 from Bondar - Clegg. The samples were taken at 30 metres interval approximately in the bank of the creek in a limonitic material which is quite consequent in volume on that bank. This survey has been done East and west of the outcrops containing the nickel, cobalt, copper, etc... in the rock containing a good percentage of magnesium as described on page one of this introduction. see sketch below:



INTRODUCTION:(Continued).

In the outcrop,near the outcrop I did 4 small trenches to recognize the extent and direction of it and also the depth.It seems that it is definitely rock in place,no bulldozer has been able to move the outcrop.Bulldozing was done after I finished my trenches and the operator tried to remove the surface without success.

Samples were taken in the outcrop and sent to two Laboratories (Bondar-Clegg & Kamloops research and Assay Laboratory).25 elements from Bondar and 30 elements from Kamloops have been analyzed. Anomalous readings have been detected,i.e:

Cu-200ppm.

Ni-3000ppm.

Co- 300ppm.

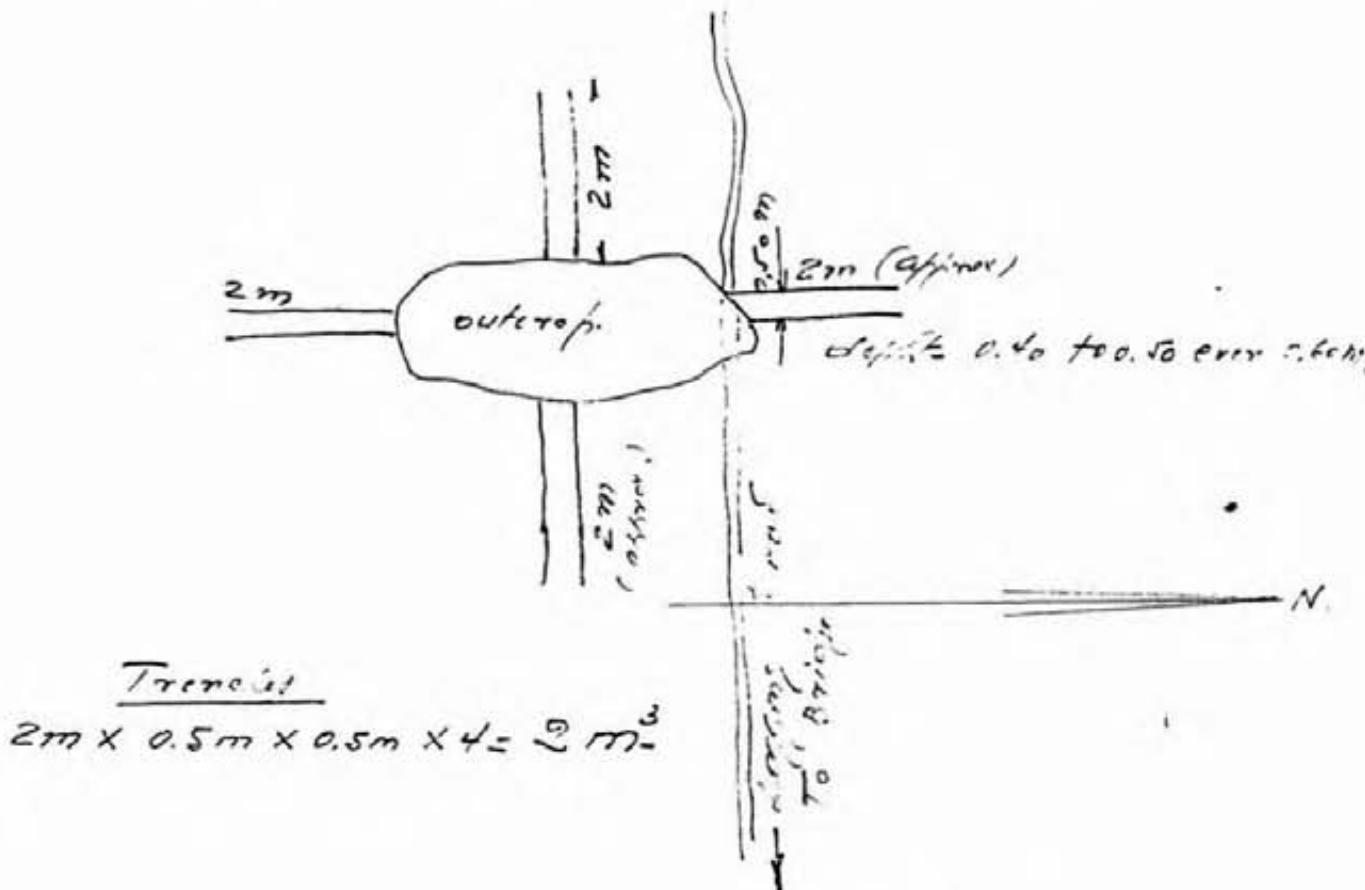
Cr-2000ppm.

No sulphides are apparent,gravity 5.5 to 6,material very hard. It is an interesting rock formation and more work will be done in future.

A big trench on the north side of the outcrop should be done to see the exact direction of the rocks.

Sketch showing the trenches

Note:the trenches have been filled by the bulldozing described above.



5

INTRODUCTION:(continued).

Close to the access road,near the bridge,I found debris of schistose(shale?) with a multitude of sulphides and sulphosalts.

Samples were taken and sent to Kamloops Laboratory(see technical data) and location on map.Lead,zinc and copper were found in anomalous quantities.

I did a survey(measurements and bearings) to know the location of the Centre-Line of Dix claims and there is an error in location. The distance between my west line of unit one to the Dix line is more than the distance shown on the claim map by 500 metres app.

I prospected rapidly the lower part of Hatchery creek near the Parmenter property,found some black shists with pyrites,some granites and greenstones on the North part of the property.

I prospected to the East of unit one(Marg Sum 1) and found some outcrops going down the slopes,some limestones and limonitic materials,nothing outstanding.

In Marg-Sum no2 and no3,I did 3 trips in the creek to locate outcrops,found all kinds of debris(anorthosite,granites,shists,greenstones etc...).One type of rock with limestone has been responding to the mineral light,some calcite in the white minerals but after analysis no tungsten was found.

Trenches will be dug close to the showings of rocks with sulphides and sulphosalts.

Outside the claims,I found gneisses and greenstones containing pyrites and up to 535ppm cu.More work should be done also in this area.

We know with the results acquired to date that more work has to be executed on these claims

TECHNICAL DATA-GEOCHEMISTRY.

Introduction: samples of materials taken in outcrops, gravels, soils, for reconnaissance of this area, in minerals and metals.

Claims: Marg-Sum no1 to no3.

Hatchery Creek: Soils survey.

Number of samples: 9. Sample medium: Soils. Sample interval: 30 metres.
Elements analyzed: Cu, Pb, Zn, Ag, Mo, W, Sn.

<u>No Samples.</u>	<u>Medium.</u>	<u>Interval.</u>	<u>Elements analyzed.</u>
1.	Rock.		
	gneiss.	-	Cu.
1.	Rock-vein.		cu, Fe, Ni, Co, cr, Mn, V, Si, B, etc..
1.	Rock-vein. Im.east.		same as above.
1.	Rock-gneiss.		Cu, W.
1.	Vein.		Cu, Fe, ni, co, cr, Mn, V, Si, B, etc..
3.	rock. Greenstone, granites.		W, Be, Sn, Ba..
3.	gravels.		Pb, Zn, As, Sn, V, co.
1.	Schists, Shale.		cu, Mo, Pb, Zn, Ni, Co, As, V, Cr, Ba, Ti., Fe, etc..
1.	Gravel.		Ag, Co, Cu, Ni, Zn.
1.	Limestone, greenstone.		Cu, Fe, Sn, W.
1.	greenstone.		Ba,

The total number of analyses amounts to 332.

24 samples with multiple analyses, see technical data for details,
see Map for locations.

One anomaly has been detected in the black schists with values as follows:

Silver: 7.7 ppm.

Lead : 1449 ppm.

Zinc : 1540 ppm.

Also on the outcrop(vein) material on the road:

Nickel: 3000 ppm.

Cobalt: 300 ppm.

Copper: 200 ppm.

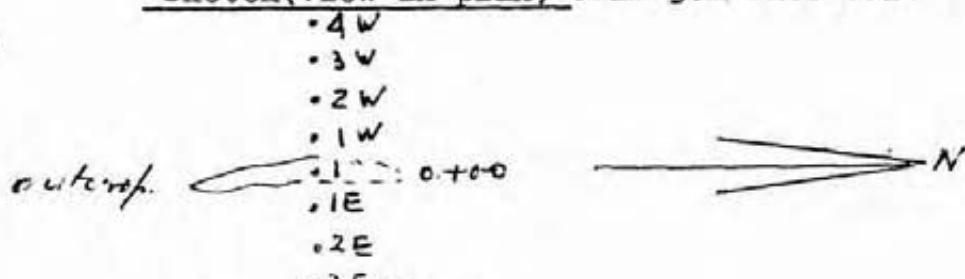
Chrom.: 2000 ppm.

TECHNICAL DATA - Marg SUM claims 1 to 3.

Geochemical Survey: Marg-Sum no 2. Access Road ,west part.

Analyst: Bondar-Clegg & Company Ltd. Report 122-1072.

Sketch(view in plan)Soils-30m interval.



Elements analyzed

Sample no	Cu.	Pb.	Zn.	Ag.	Mo.	W.	Sn.
1 w.	35ppm	7	63	.2	-	2	<5
2 W.	34	7	63	.2	-	2	<5
3 W.	69	3	57	.2	-	2	<5
4 W.	74	9	59	.2	-	2	<5
1 E.	36	11	69	.2	-	2	<5
2 E.	42	5	65	.2	-	2	<5
3 E.	23	8	53	.2	-	2	<5
4 E.	31	6	75	.2	-	2	<5
0+00	36	8	61	.2	-	2	<5

RB5-Greenstone-gneiss:

580ppm 2 86 1ppm 2

Method of analyses: Bondar-Clegg.report 122-1072.

Cu- Extraction: HNO₃-HCL. Hot ext. Method: Atomic Absor. Size:-100m

Pb- " " " " " " " "

Zn- " " " " " " " "

Ag- " " " " " " " "

Mo- " " " " " " " "

W- Carbonate sinter -Colourimetric . -100.

Sn- X-Ray fluorescence -100.

This work is the reconnaissance of what I call the last block of the Mukoro Project. The work was done to have an idea of the minerals in the limonitic materials found all over the area, brownish clay in the flat of Hatchery creek and others.

Also to know the elements west and east of the outcrop on the access road.

TECHNICAL DATA.(continued).

Marg-Sum cl.no2: outcrop(vein)discovered on the road, on the left bank of Hatchery creek, 200 metres west of logging central area.

Semi-quantitative spectographic Analysis:

Certificate from Kamloops Research and Assay Laboratory, sample no K-4-82. Report no G 685.

Cu	Fe	Ni	Co	Cr	Mn	V	Si	B
200	10%	3000	300	2000	3000	20	20%	500

Sample coming from the same outcrop analyzed by Bondar-Clegg & Company Ltd:

Semi-quantitative spectographic analysis:

27	10%	.3%	.01%	.3%	.3%	27
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The material of the outcrop does not look ultrabasic and the serpentines are not present. The Mgo reaches about 10%. Sulfides are not detected by the naked eye nor the lens. Or the minerals are very finely disseminated or comprised in the iron and manganese??

Some extensive work should be done on the north side of the outcrop, to establish the structure of the rocks in the area, and to find out the direction of the vein, the dip etc.. If the values are steady in this type of rock with 6.6 pounds of Ni. to the ton and the cobalt, it may be encouraging to test a bigger area.

Gneiss sample:

Bondar-Clegg & Company Ltd.

Location:N.E.corner of claim unit 1.(marg-Sum 1).

A sample in the surroundings of the gneiss detected in the N.E. of the claim showed value of 580ppm of Cu.

See report 122-1072, rock sample R.B-5-82.

Method of analysis:Cu-HNO₃-HCL-Hot extraction.

Method:atomic absorption.

Size fraction:-100m.

It is one sample only, more work will be done in this environment with such a high reading in copper. Unfortunately the thickness of the overburden is increasing quickly leaving the outcrop. Machinery will be needed to open up the outcrop.

The good readings in this claim area can be sporadic only, but because of the values it will be necessary to investigate further.

I gave one more sample of the outcrop 200m west on the access road, to Bondar-Clegg& Company Ltd, for analysis and on the following page are the results:

./...

TECHNICAL DATA (Continued)

Report no 122-0984.

Sample no CH-282.

The results are close to the previous sample, i.e.:

Cu- 92ppm.	V - 27ppm	Co- .01%
Pb- 27ppm.	Sn -27ppm	Cr- .01%
Zn- 27ppm.	Zr - 27ppm	Fe- 10%
W - 27ppm.	Y - 27ppm	Mg- 10%
Nb- 27ppm.	Ni - .3%	B - 500ppm
Mo- 27ppm		

The nickel, the cobalt, the copper are nearly the same results as on sample CH1-82.

Method of analysis: Semi-quantitative analysis.

Report 422-0736: Hatchery creek. Greenst one.

Rock sample: R.R9-82.

As-nil. Pb.-nil. Sb-nil. Sn-nil.

Cu-.01. Zn.-nil. W-nil.

The analysis speaks for itself.

<u>Report 122-0569. Rocks samples.</u>	<u>W.</u>	<u>Beo.</u>	<u>Ba.</u>	<u>Sn.</u>
R4-82.			200ppm.	
R6-82.	2			Nd.
R7-82.		29		Nd.
R8-82. (cariboo claim)	-	-	-	-

These samples came from claim Marg-Sum unit 1, west outcrop.

This outcrop is mixed with limestones and greenstones.

The direction of the outcrop is 25 degrees N.E. approximately, and is seen at the bottom and at the top of the western line.

I found rocks which are fluorescent, quite an amount of them, but tungsten has not been detected substantially.

TECHNICAL DATA (continued)ACME ANALYTICAL LABORATORIES:Report: 82-1534.

Hatchery creek -Marg SumI,2,3.C1.

Sample AC-11-82. Gravels washed on left bank of creek to collect and analyze magnetites.Pb - 100ppm Zn - 54ppm As - 9ppm - Sr - 301ppm V - 65ppm
Method of analysis: I.C.P.Sample AC-12-82. from left bank of the creek, close to gravels.

Pb - 4ppm. Zn - 98 ppm. V - 133ppm. Method of analysis: ICP.

Sample AC-13-82: Small outcrop right bank:

Cu - 73ppm. Pb - 1ppm. Zn - 44ppm. Co - 22ppm V - 79ppm.

Nothing outstanding at this stage in gravels nor rocks.

Report : 82-1567 A

Rocks cut on the right bank of Hatchery creek;

Nature: black schists containing a multitude of pyrites and sulfides and sulphosalts.

Sample AC-14-82.

Cu - 49ppm.	Ni - 28ppm.	Cr:- 89ppm.
Mo - 2ppm.	Co - 11ppm.	Ba - 533ppm.
Pb - 11ppm.	As - 7ppm.	Ti - .25%
Zn - 76ppm.	V - 127ppm.	Fe - 3.33%

Sample AC-15-82.

Cu-- 29ppm.	Ni - 32ppm	Cr - 9ppm.
Mo - 1ppm.	Co - 15ppm.	Ba - 235ppm.
Pb - 6ppm.	As - 3ppm.	Ti - .17%.
Zn - 38ppm.	V - 47ppm.	Fe - 2.4%.

Methods of analysis:E I.C.P.

The two samples are nearly identical and nothing outstanding has been detected at this stage.

Min-EN Laboratory:Report 2-925.

Gravels-small affluent on left bank of Hatchery creek.

The gravels have been washed for collecting magnetite for analysis. 12kgrs, 800grams have been washed and the magnetite collected has been analyzed:

Ag. - 1.5ppm. Co- 55pm. Cu-167ppm. Ni- 113ppm. Zn-102ppm.

My comments saying nothing outstanding for the gravel are not precise enough, I should say that for the gravel the results are not 'bad', but the small area and quantity washed does not permit to conclude of something outstanding at this stage.

More work will be done in 1983.

Method of analysis, report 2-925 Minen:I.C.P.

TECHNICAL DATA (continued)Min-En Laboratory: (cont'd)Report 2-397.

Claim Mar-Sum 2. Outcrop of limestones and greestones discovered on the north-west corner of claim 2, situated on left bank of Hatchery creek. After checking with the mineral light and having found fluorescences we sent a sample for analysis for W, Sm, etc..

Sample Min 4-82.- Cu- 52 ppm.
F - 375ppm.
Sn- 4 ppm.
W - 3ppm.

Fluorite was the main raison for the fluorescence detections.

Bondar-Clegg report 1220569.

On the same outcrop, Bondar-Clegg did a report for Ba and the results were normal for this type of rock.

The reconnaissance has been done in part in this area and the geology is not well known because of the heavy vegetation, underbrush and the overburden which is present all over.

Cu, Ag, Pb, As, Ni, Sr, Ti, Zn, V, are the main metals recognized at this stage.

One sample only, analyzed by Kamloops Laboratory gave some good indications; see report K 4937, July 13/82. as follows:

Ag	-.17oz.	7.7 grammes.	7.7ppm.
Pb	-.16%		1449 ppm.
Zn	-.17%		1540 ppm.
Cu	-.02%		

Method of Analysis: Sn-Fusion-Atomic absorption. 80mesh.

Ta-Nuclear activation. 80mesh.

Nb-X-ray. 80mesh.

W-Fusion, colouremetric.

Be-Hot acid extraction. Atomic absorption.

For this Laboratory, I have no other method of analysis for samples related to Ag, Pb, An, Cu. The Lab. does not always show the method of analysis used.

Bondar-Clegg-Method of Analysis:

<u>- Extraction</u>	<u>Method</u>	<u>Size fraction</u>
Cu- HNO ₃ .HCl. Hot E.	Atomical.	- 100m.
Pb-	"	"
Zn-	"	"
As-	"	"
Mo-	"	"
W - Carbonate sinter.	Colourimetric.	"
Sn-	X Ray fluorescence.	"
<u>Min-En:</u> Various analytical methode, not described.		

TOTAL COSTS ASSESSMENT WORKS 1982-1983, MARG-SUM 1,2,3 Claims.

	\$
1- Time(general).....	760,00.
2-Time, (geochemical).....	100,00.
3-Mileage.....	370,50.
4-Meals.....	100,00.
5-Assays, Geochemistry.....	331,35.
6-Miscellaneous costs.....	586,61.
Total.....	2248,46.

COSTS-Marg-Sum claims 1,2,3. Mileage,Time,Meals/etc...

Des:	Descriptions.	Time:	Cost	Mile.	Time	Meals
		:	:	:	Geochem.	:
15-3-82	Reconnaissance of gneiss outcrops. Staking claim Marg-Sum -1-(1 unit) trail blazing.	9hr	90.-	210K		2
16-3-82						
17-3-82	Staking Marg-Sum 1. Blazing lines. Research of outcrops.	8.5	85.	210.		2
9-4-82	Staking Marg-Sum 2 and 3. (2 posts claims). Blazing Centre-line, looking for outcrops, found argillite/limestones on the west.	8.5	85.	210.		2
13-4-82	Prospecting for outcrops. Geochemical sampling in Hatchery creek flat, climbed west bdy to top.	5.5	55.	210.	3hrs	2
20-4-82	Wein discovery in flat with heavy minerals Panning in Hatchery creek. Sampling-Geochem.	50.	210.		4.	2
4-5-82	Trenching near vein. Black minerals discovered. Samples taking. Small trenches to know depth.	9.	90.	210.		2
7-5-82	Reconnaissance Dix claims, localisation of Centre-line & legal post and location of my S.W. Post. Outcrops prospecting.	8.	80.	210.		2
1-7-82	Trenching near vein-North trench, looking in talus for same outcrops.	9.	90.	210.		2
5-7-82	Trenching in outcrop near vein. East tr. Digging and testing with crow bar.	8.5	85.	210.		2
14-11-82	Marg-Sum 1-claim. Samples of gravel near tributary of Hatchery cr. for geochemical analyses. Washing of gravel for collecting magnetites. Breaking of boulders for rock analyses. (discovery of pyrites)sulfides.	5.	50.	210	3hrs	2
	Totals	76	760\$	2100K	10hr	20

Time.(general).76hrs x 10\$= 760.00\$

Time(geochemical)10hrsX 10\$=..... 100.00\$

Mileage.2100km:1.7=1235milesx0,30=..... 370,50\$

Meal.20x5\$..... 100.00\$

Total :..... 1330,50\$

COSTS-Geochemical Analyses, Assays. 1982-1983.-

Dates	:	Report Nos	:	Invoices Nos	:	Costs \$:	Laboratory & remarks.
1982	:		:		:		:	
Nov-17-	:	82-1534	:	82-1534	:	16.00	:	Acme Lab.Vanc.Ac11,12,13.samples.
Nov-29.	:	82-1567A	:	82-1567	:	16.00	:	" Ac14,15. "
Aug.3.	:	2-397	:	898A	:	12.00	:	Min-Em Lab.Vanc.Limestone-Greenstones.
Dec.3.	:	2-925	:	1604A	:	10.00	:	Min4.Magnetite from gravels.
Apr.7.	:	1220569	:	04197	:	16.00	:	Bondar-Clegg.Ltd.RR4-82.RR5-82.Ba.anal
Apr.28.	:	422-0736	:	04367	:	58.00	:	Sulphides(Ag,Cu,Pb,Zn,Sb,W,Sn.)Bondar.
Jun.10.	:	122-0984	:	8655	:	25.00	:	Bondar-35 elements Frankl.
Jun.9.	:	422-1072	:	8647	:	16.00	:	Bondar:RB 4-82 RB6-82 sampl.
"	:	122-1072	:	8631	:	133.35	:	reconnaissance East Block.Brown limo- nitic materials-geochemistry. 1e,2e,3e,4e,1W,2W,3W,4W, and 0+00 & Bondar RR5-82.sample.
Jun29.	:	G 685	:	82-0272	:	29.00	:	35 elements sample K4/82.Kamloops Laboratory.spectro.Semi-Quantitative analysis.
Total	:		:		:	\$331.35	:	

MISCELLANEOUS COSTS-GENERAL, and Distribution.

scriptions.	:	Time	:	Cost	:	Supplies	:	Mileage	:	\$:	Report
Correspondence.	:	14hr	:	140\$:		:		:		:	
Submissions.	:	30hr	:	300\$:		:		:		:	
Trips to Lab, Mining recorder,	:		:		:		:		:		:	
Land Title Office,	:		:		:		:		:		:	
Geological Survey, Librairy	:	21hr	:	210	:		:	822kms	:	95\$:	
Stationery.Wilson.Woolco	:		:		:	70\$:	100kms	:	20\$:	
Mapping-Sketches.	:		:		:		:		:		:	
Vancouver reproductions.	:	25hr	:	250\$:	28.52	:	100kms	:	20\$:	
Photocopies Librairy, Hudson Bay	:		:		:		:		:		:	
Lougheed Mall	:		:		:	36.20	:		:		:	
Stamps, postage parcelsetc	:		:		:	15,00	:	50kms	:	10\$:	
Boxes, Kraft papers, plastic tapes, plastic bags, fabrication of parcels, paints for staking,	:		:		:	34,00\$:	50kms	:	10\$:	
Research in Librairies, metal beneficiations, deposits formations, markets, min bulletins,newspapers,etc.	:	20hrs	:	200\$:		:		:		:	
Transportation of gravels:to my Office,cleaning and weighing them,collecting of magnetites, samples preparations,classification,	:		:		:		:		:		:	
Report(Marg-Sum cl)	:	30hrs	:	300\$:							400\$
Tests, Geiger Counter, Mineral light,acids.	:	10hrs	:	100\$:	15,00\$:		:		:	
Totals.	:	150hrs	:	1500\$:	198.72\$:	1122kms	:	155\$:	400\$

Time costs.....	\$ 1500,00
Supplies.....	198.72
Mileage-transportation.....	155,00
Report for Marg-Sum claims,drafts,maps. sketches,typing,stationery,assembling,covers, time.....	<u>400,00</u>
Total.....	<u>2253,72.-\$</u>

Note- I didn't include in the costs, the water, the light, the soap, the tools,
for the gravels preparations.

COMPAGNIA

R. Trifaux

PROJECT No.: MUKORO EAST

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

18

2-397

DATE: Aug. 3,

1982.

ATTENTION:

CERTIFIED BY

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE: (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: R. Trifaux,
308-751 Clarke Rd.,
Cequitlam, B.C.

PROJECT No. _____

DATE: Aug. 3 / 82.

File No. 2-397 20

MINE-EN Laboratories

CERTIFIED BY

MIN-EN Laboratories Ltd.

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

19
22

ANALYTICAL REPORT

Project **2-925** Date of report **Dec. 1/82.**
 File No. **2-925** Date samples received **Nov. 25/82.**
 Samples submitted by:
 Company: **R.Trifaux**
 Report on: **Geochem samples**
)
 4 Assay samples
 Copies sent to:
 1. **R.Trifaux, Coquitlam, B.C.**
 2.
 3.
 Samples: Sieved to mesh **-100** Ground to mesh
 Prepared samples stored discarded
 rejects stored discarded
 Methods of analysis: **5 element ICP, 24 ELEMENT ICP.**
Sn-Fusion-Colorimetric.

Remarks.

SPECIALISTS IN MINERAL ENVIRONMENTS

MINEN LABS ICP REPORT

PAGE 1 OF 23
20 23FILE NAME: 2-925
ACT NAME: BE03DATE: NOVEMBER 30, 1982
COMPANY: R. TRIFAU

PROJECT:

--- CONCENTRATION IN PPM ---

MAG. NO	A	Hg 600 Parmenter Moy. Lsm. 1, 2, 3	Magnets 12 Kg 800 Grav.
AG	1.5		
CO	51		
CU	67		
NI	113		
ZN	102		

26 21

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320



To Mr. R. Trifaux
308-751 Clarke Rd.,
Coquitlam, B.C.
V3J 3Y3

Date: June 23, 1982

File No.: G 685

SEMI-QUANTITATIVE SPECTROGRAPHIC ANALYSIS CERTIFICATE
Fe, Mg, Ca, Ti, Na, K, Si, Al and P reported in %; all other elements reported in ppm.

Element	Average for Earth's Crust	Lower Detection Limit	Sample # 19K	Sample # K4-82	Element	Average for Earth's Crust	Lower Detection Limit	Sample # 19K	Sample # K4-82
Au	.004	10	N	N	Zr	102	10	100	N
Ag	.08	.5	N	N	B	9	10	15	500
Cu	68	5	100	200	Ba	390	10	200	N
Pb	13	10	200	N	Be	2	1	2	N
Zn	76	200	1000	N	La	34.6	20	N	N
Mo	1.2	5	N	N	Nb	20	10	10	N
Fe	5.08%	0.05%	10.0	10.0	Sc	25	5	20	N
W	1.2	50	N	N	Sr	384	100	500	N
Ni	99	5	150	3000	Y	31	10	50	N
Co	29	10	50	300	Ca	4.66%	0.05%	4.0	0.07
Cr	122	20	200	2000	Mg	2.34%	0.02%	3.0	7.0
Cd	.16	20	N	N	Ti	6320	.001%	G1.0	0.005
As	1.8	200	N	N	Na	2.1%	.02%	5.0	N
Sb	.2	100	N	N	K	1.8%	.5%	N	N
Mn	1060	10	1500	3000	Si	27.3%	1%	30.0	20.0
V	136	10	300	20	Al	8.36%	.5%	10.0	N
Bi	.0082	10	N	N	P	1120	.1%	0.2	N
Sn	2.1	10	(N)	N					

N — Not detected

G — Greater than value shown

L — Detected but below limit of determination

This certificate refers to analysis performed by Specomp Services.

Values expressed in these analyses may be considered accurate to within plus or minus 35 to 50% of the amount present.

Signed

22 ~~22~~

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:5 HCL TO HNO₃ TO H₂O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ra,Si,Cr AND B. Al DETECTION 3 ppm.

SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED NOV 23 1982 DATE REPORTS MAILED Nov 29/82 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

TRIFAUXT FILE # 82-1567A

PAGE # 1

SAMPLE #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	R	N	K	X
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm								
MAPG-SURF 2-3																														
AC-14-82	2	.49	11	.76	.4	28	11	63	3.33	7	6	ND	4	4	1	2	2	127	.15	.07	5	.89	1.76	533	.25	2	2.56	.09	1.73	2
" AC-15-82	1	.29	6	.38	.2	32	15	181	2.40	3	2	ND	2	11	1	2	2	47	.42	.12	2	9	1.22	233	.17	2	1.35	.04	.75	2
AC-16-82	1	156	7	.29	.9	12	26	147	3.99	2	8	ND	2	35	1	2	3	423	.53	.01	2	4	1.14	17	.06	2	1.98	.53	.03	2
AC-17-82	1	148	4	.27	.9	12	26	121	3.87	2	8	ND	2	44	1	2	3	434	.53	.01	2	2	1.06	21	.05	4	2.01	.58	.02	2
AC-18-82	8	136	151	.54	4.5	78	34	66	45.92	1209	2	ND	2	2	1	158	2	34	.03	.03	3	3	.09	4	.91	2	.39	.02	.01	4
STD A-1	1	.30	.39	175	.3	.34	12	1007	2.63	10	2	ND	2	37	2	2	2	55	.61	.10	8	70	.82	293	.09	7	1.00	.02	.19	2

✓

23

28 28

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH: 253-3158 TELEX: 04-53424

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCl TO HNO₃ TO H₂O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,Li,Na,K,W,Ba,Si,Sr,Cr AND Ti. Au DETECTION 3 ppm.

SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED NOV 16 1982 DATE REPORTS MAILED Nov 18/82 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

SAMPLE #	TRIFAUXT FILE # 82-1534																								PAGE # 1					
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Z	Al	Na	X	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	I	ppm	I	ppm	I	ppm	I	ppm	I	ppm	I	ppm
AC-11-82	1	43	100	54	.1	41	14	414	2.96	9	2	ND	7	301	1	2	2	65	2.00	.13	5	90	1.53	62	.12	6	2.33	.18	.02	2
AC-12-82	3	49	4	98	.3	41	9	163	3.14	2	2	ND	4	10	1	2	2	133	.20	.05	9	61	.91	227	.11	4	1.59	.05	.91	2
AC-13-82	1	73	1	44	.2	49	22	506	2.97	5	2	ND	2	52	1	2	2	79	3.40	.04	2	193	1.89	33	.25	6	2.45	.03	.04	2

Harg - Sum 1
 AC-11-82 Hasting cr. slate leach work. \$ 1.00
 AC-13-82 " " " \$ 1.00
15.00

BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AV. NORTH VANCOUVER B.C. V7P 2R5 PHONE: (604) 55-0681 TELEX: 04-352667
REPORT: 422-0736 PROJECT: MUKOR CERTIFICATE OF ANALYSIS PAGE 1

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Cu PPM	Pb PPM	Zn PPM	Sb PPM	W PPM	Sn PPM	NOTES
R R9-82 #65957		ND	0.01	ND	ND	ND	ND	ND	

Hodderby creek

25
22

BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: (604) 985-0681 TELEX: 04-352667

Geochemical Lab Report

REPORT: 122-1072 PROJECT: MIKOKO - RUSKO

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	As PPM	Mo PPM	N PPM	Sn PPM	NOTES
S GEO-1E		36	11	65	0.2		2	<5	
S GEO-2E		42	5	53	0.2		2	<5	
S GEO-3E		23	8	75	0.2		2	<5	
S GEO-4E		31	6	61	0.2		2	<5	
S GEO-1W		35	7	63	0.2		2	<5	
S GEO-2W		34	7	63	0.2		2	<5	
S GEO-3W		69	3	57	0.2		2	<5	
S GEO-4W		74	9	59	0.2		2	<5	
S GEO-00100		36	8	69	0.2		2	<5	
R R-5-B2		580	2	86		1	2		

RECEIVED IN LABORATORY 5/21/79 BY J. B. 12/12

26
3/30
A

BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: (604) 985-0611 TELEX: 04-352667

Geochemical Lab Report

REPORT 122-1072

FROM: MR. R. TRIFAUXT

SUBMITTED BY: R. TRIFAUXT

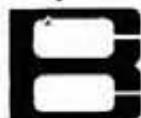
DATE: 08-JUN-82 PROJECT: MUKCRO, BUSORO

ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
Cu	1 PPM	HNO ₃ -HCL HOT EXTR	Atomic Absorption	-100	OTHER	CRUSH, PULVERIZE -100
Pb	2 PPM	HNO ₃ -HCL HOT EXTR	Atomic Absorption	-100		DRY, SIEVE -80
Zn	1 PPM	HNO ₃ -HCL HOT EXTR	Atomic Absorption	-100		
As	.1 PPM	HNO ₃ -HCL HOT EXTR	Atomic Absorption	-100		
Mo	1 PPM	HNO ₃ -HCL HOT EXTR	Atomic Absorption	-100		
W	2 PPM	CARBONATE SINTER	Colourimetric	-100		
Sn	5 PPM		X-RAY Fluorescence	-100		

REPORT COPIES TO: MR. R. TRIFAUXT

INVOICE TO: MR. R. TRIFAUXT

REMARKS:



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: 985-0681 TELEX: 04-352667

SEMI-QUANTITATIVE ANALYSIS

No: 122 - 0984

Sample No.: CH1-82

From: Mr. Trifaux

Method: XRF and E-SPEC

Date: June 10 1982

No. of Elements: 35

Analyst:

TRACE ELEMENTS (%)	< .003	.003-.01	.01-.03	.03-.1	.1-.3	.3-.10	1.0-.30	3.0-10.0	>10.0	REMARKS
Ag	X									
Cu	X									
Pb	X									
Zn	X									
Mo	X									
Fe									X	
W	(X)									
Ni						X				
Co		X								
Cr						X				
As		*								* < .01%
Sb	X									
Mn						X				
V	X									
Bi	X									
Sn	(X)									
Zr	X									
B		X								* > 0.2%
Ba	X									
Be	X									* > 0.1%
La	X									
Nb	X									
Sr	X									
Y	X									
Ce	X									
U	X									
Th	X									

MAJOR ELEMENTS (%)

CaO		X								
MgO								X		
TiO ₂	X									* > 2%
Na ₂ O		X								* > 7%
K ₂ O						*				* < 0.6%
SiO ₂								X		* < 2%
Al ₂ O ₃					*					* < 0.2%
P ₂ O ₅						*				* < 0.4% * > 4.0%

* Not measured less than or above noted detection limits



Geochemical Lab Report

REPORT: 122-0569 . PROJECT: MUKORO

PAGE 1

42

SAMPLE NUMBER	ELEMENT UNITS	W PPM	Be PPM	Ba PPM	Sn PPM	NOTES
R R-4-82				200		not run for W or Sn, may do?
R R-6-82	2				ND	grain
R R-7-82		2.9			ND	grain
R R-8-82 - cont'd				170		grain + ilite + clamella
R.R.				Ba incl'd		W & Sn available (cont'd)

BONDAR-CLEGG & COMPANY LTD.

30

130 PEMBERTON AVE., NORTH VANCOUVER B.C. V7P 2R5 PHONE: (604) 985-0681 TELEX: 04-352667

REPORT: 422-1072 PROJECT: BUSOR CERTIFICATE OF ANALYSIS PAGE 1

42

90

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	W PCT	NOTES
---------------	---------------	--------	-------	-------

R B-4-82		0.01		
R B-6-82		0.01		

4

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHO
42

Geochemical Lab Rep

Document 10240564 PROJECT 100-100

SAMPLE NUMBER	ELEMENT UNITS	W PPM	Be PPM	Ba PPM	Sr PPM	NOTES	42
R R-4-82				200 *		average West value. Ming Sum	
R R-6-82		2			ND	2000+ granite	
R R-7-82			2.9		ND	green	
R R-8-82 carbno.				170		green mica. lamellae	
R.R.				Bar chart		Toxic granular sum	



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO Mr. R. Trifaux
308-751 Clarke Road
Coquitlam, B.C. V3J 3Y3

Certificate No. K-4937
Date July 13, 1982

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	GOLD	SILVER	W	Sn	BeO	Cu	Pb	Zn	
		Ounces Per Ton	Ounces Per Ton	Percent						
1	20K			L.001	-	-	-	-	-	
2	21K			.010	-	-	-	-	-	
3	22K			L.001	-	-	-	-	-	
4	23K			.008	-	-	-	-	-	
5	24K			.014	-	-	-	-	-	
6	25K			.020	-	-	-	-	-	
7	26K			L.001	-	-	-	-	-	
8	27K			L.001	-	-	-	-	-	
9	28K			.012	-	-	-	-	-	
10	K9/82			.012	L.01	-	-	-	-	
11	K10/82			.020	L.01	-	-	-	-	
12	K11/82			.008	L.01	-	-	-	-	
13	K12/82			L.001	L.01	-	-	-	-	
14	K13/82			-	L.01	-	-	-	-	
15	K14/82			L.001	L.01	-	-	-	-	
16	K15/82			L.001	L.01	-	-	-	-	
17	K16/82			L.001	L.01	-	-	-	-	
18	K17/82 <i>hot feeding rocks</i> <i>check next sample</i>		(.17)	-	L.01	-	.02	.16	.17	

L means "Less than"
BeO to follow

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

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43
Registered Assayer, Province of British Columbia

Assessment works for Marg-Sum Group of claims in the New Westminister Mining Division.1982-1983.-

STATEMENT OF QUALIFICATIONS:

Technical schools of Mines:

- 1-Mining school of Chatelet,Belgium.1 diploma.
- 2-Mining school of mines,Tamines,Belgium.Mining and survey,1 diploma.
- 3-University du travail,Charleroi,Belgium;mining,mathematics,physics,chemistry,drafting,economy.Geology and formations of deposits.

1 Certificate.

The diplomas and Certificate copies have been submitted to the Cariboo Mining Division in 1977-1978;they are not repeated here.

I also learned prospecting and exploration in the fields with the following Mining Companies:

- 1-La Compagnie Miniere des Grands Lacs Africains,Brussels,Belgium.
Gold and Tin mines in Kivu Province of Zaire(Congo).
- 2-La Compagnie MIRUDI.Gold mining and tin,Tantalite,Columbite in Ruanda -Burundi.I prospected the granitic massifs of Ruanda for tin and Tantalo-Columbite with success.
- 3-HEMRION Explorations in Central Africa.Tin,Wolframite,Beryllium.
In the 3 Companies I did prospecting and mining and was able to increase their reserves.Surveys,calculations of reserves,Technical reports,accounting,hydraulic works were part of my duties.

I described my methods of exploring in the 1977-78 report regarding the distances between the lines and pits & in flying prospecting and the systematic one in Africa.

I did the topographical mapping,locations of deposits,nature of formation,mineralogy(veins,dykes,stocks,placers,eluvial deposits).

I do my geochemical sampling for my reconnaissance works and orientation surveys and organize my activities according to their results.

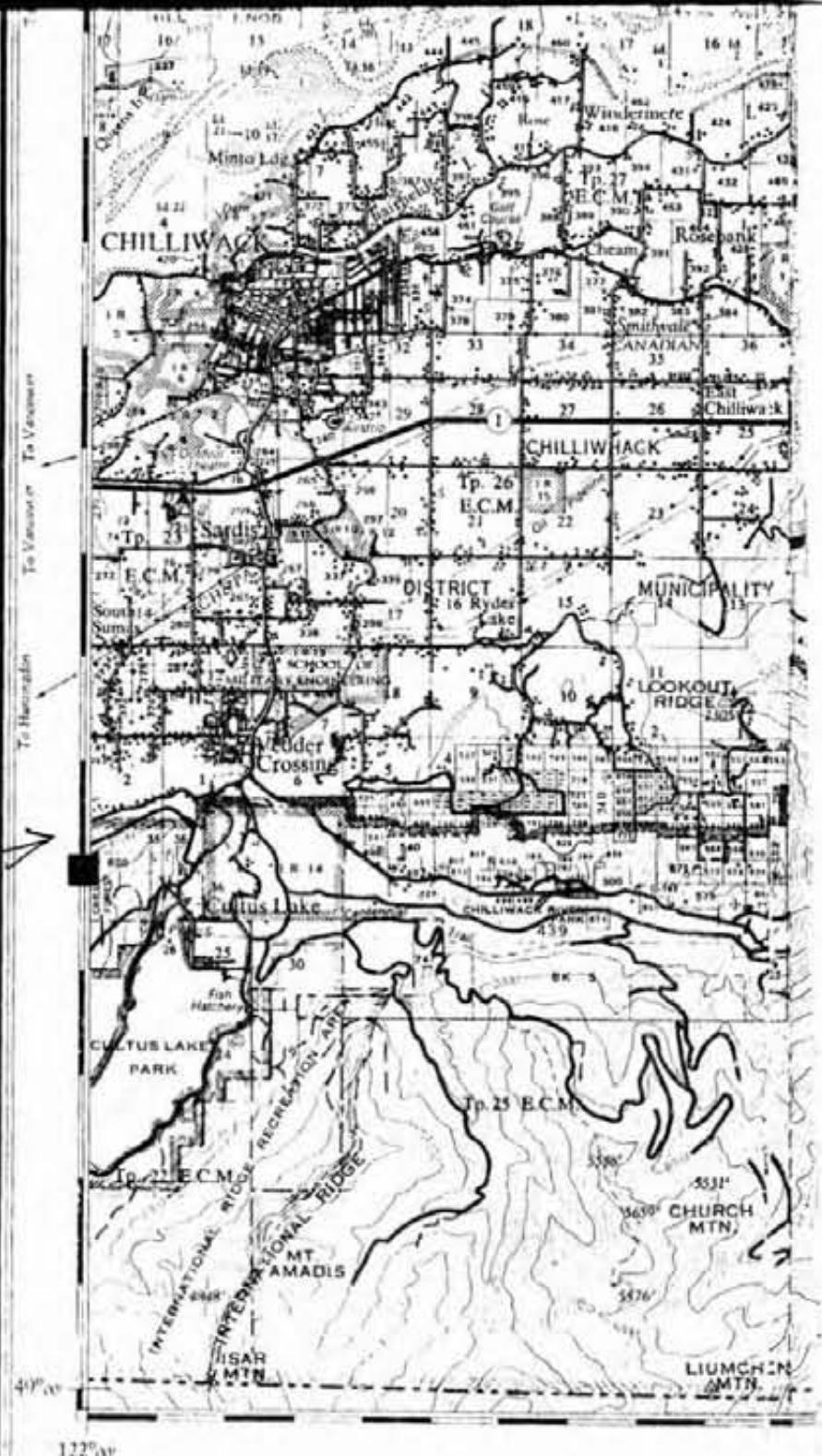
As a prospector,I keep well informed by the acquisitions of litteratures published by the Department of Mines in British Columbia,by my affiliation to the Canadian Mining Institute of Metallurgy and The B.C.Chamber of Mines and the Cariboo Association of Prospectors.

I am up to date about the new methods of prospecting and mining with the American Mining Journal EM/J.whcih shows all the new types of equipment and methodes month by month.

I also go to the libraries and the Geological Survey of Canada in Vancouver.

MAP LIST

- No 1- Roads (Access).
Chilliwack Lake Map. 92H/SW Scale: 1: 125,000.-
- No 2- Topography plus roads.
Mission 92G/1E
Scale: 1-50,000.-
- No 3- Claims Location Map.
Department of Mines, 92G/1E, Scale 1 : 50,000.-
- No 4- Locations and nature of outcrops.
Roads, logging roads, itineraries by author of report.
Scale: 11 1/2 cms=457.2 m.
- No 5- Geochemistry. Location of results from analyses.
Report nos as reference. Scale: 11 1/2 cms=457.2m.
- No 6- Map no 1405A. Mission.
Geology of region. Scale 1 : 50,000.-
Geological Survey of Canada.
- No 7- Map 53-1959. Chilliwack.
Surface Geology. New Westminster & Yale Districts.
Scale: 1 : 63360.
-



Third Nation Edition compiled and produced by the Map Production Division, Survey and Mapping Branch, Department of Lands, Forests, and Water Resources, Victoria, B.C. 1972.

District Lots for numbers 34 - Section numbers within Township 34
Mineral Claims are not shown on this map.
Land Commissioners' Offices are located in New Westminster and Princeton.

District boundaries, fences or lots, may not be shown due to the scale of this map. For detailed information see Departmental Ref. Map.

Lithographed in Canada by G. W. McLELLAN & QUEEN'S PRINTER, VICTORIA, BRITISH COLUMBIA

Chilliwack Lake Map

Scale: 1: 125,000 -

1" to 2 mi as (approx)

92 H/SW

acres Roads (from the east)

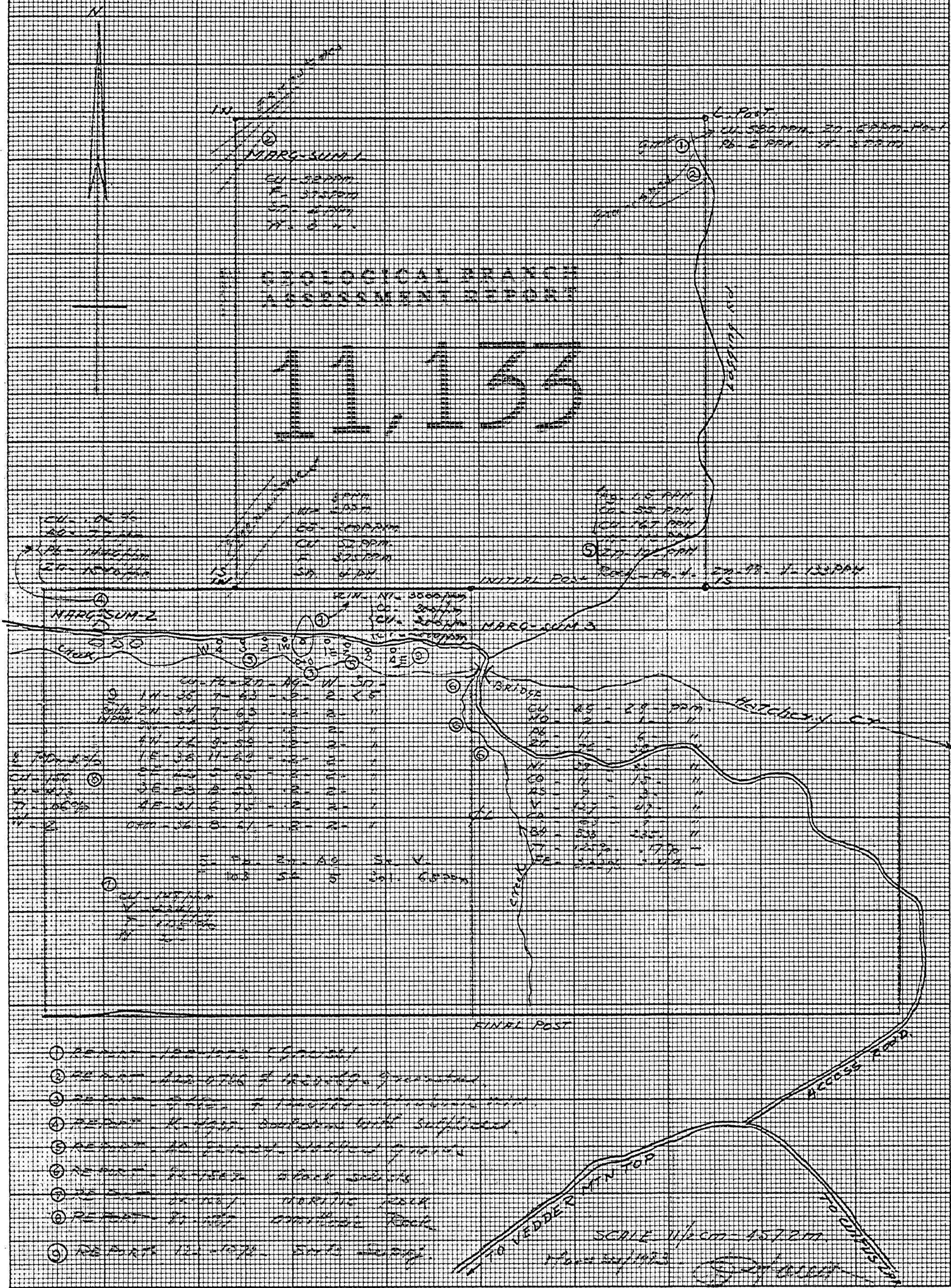
map no.

GEOLOGICAL BRANCH ASSESSMENT REPORT

11,133

MAR 6 SUM CLAIMS 1, 2, 3 SAMPLING LOCATION

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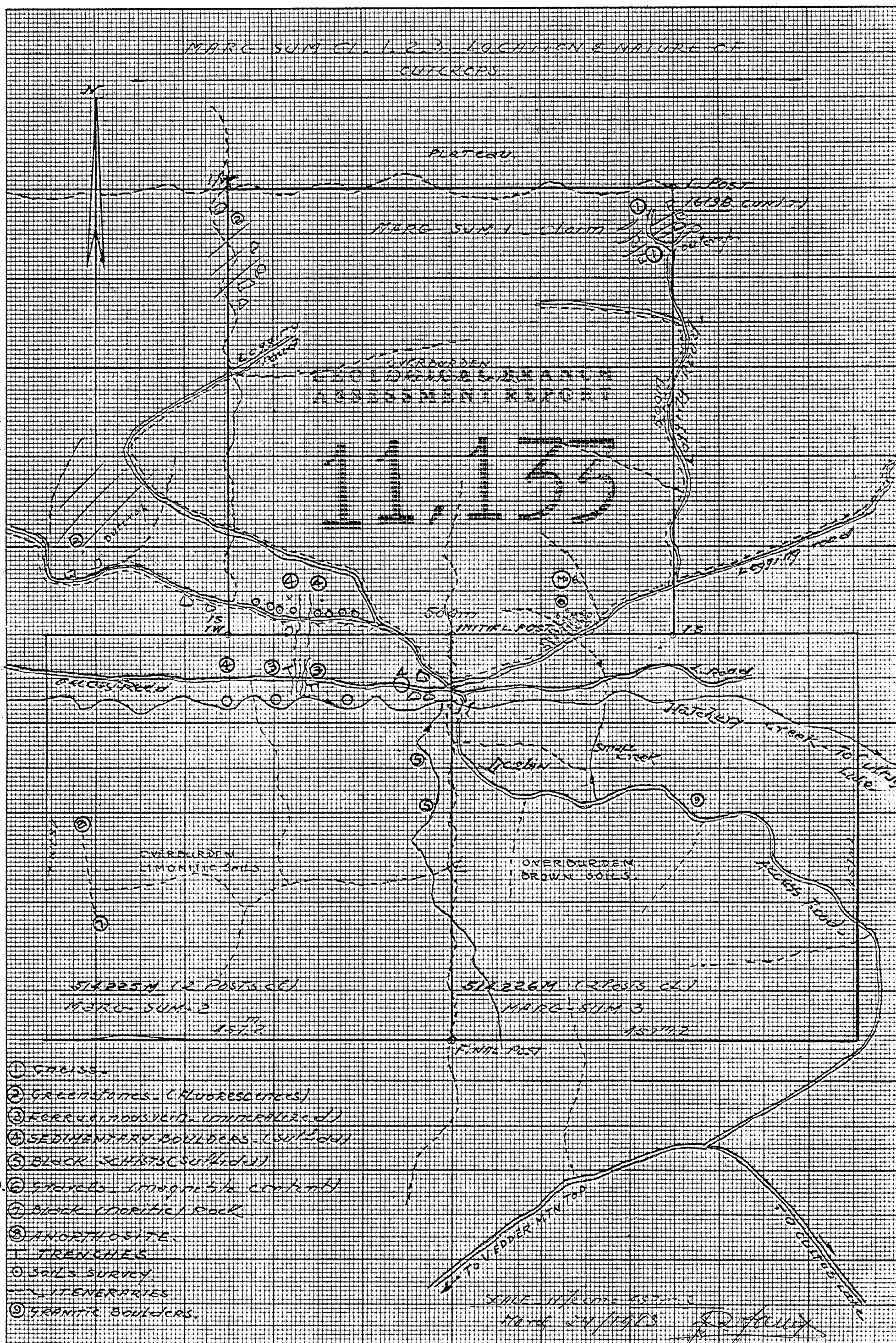


map no 5

SPECIFY TRACING OR DRAW

SPECIFY TRACING OR DRAWING PAPER
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MADE IN CANADA



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MAS
PK.

**EOLOGICAL BRANCH
ASSESSMENT REPORT**

11133

(14-24-87)

boundary

claims - Location.
map no 3

Scale 1:50 000

MINES AND PETROLEUM RESOURCES - VICTORIA B.C.

This map is prepared to serve as a guide to the positions of located mineral claims and placer mining leases on the Unalakleet.