

SMITHERS

NOTE NEW
COMMODITIES

87-933-16670

15p.



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) <u>PROSPECTING</u>	TOTAL COST <u>\$8366.12</u>
--	--------------------------------

AUTHOR(S) ALEX. McMILLAN SIGNATURE(S) Alex. McMillan

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED SEPT. 24/87 YEAR OF WORK 1987

PROPERTY NAME(S) FROG

FILMED

COMMODITIES PRESENT Cu, Ag, Au

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 94L-14

MINING DIVISION LIARD NTS 94L/3E

LATITUDE 50° 1' 20" LONGITUDE 127° 9' 30"

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)]:

FROG 1

OWNER(S)

(1) ALEX. McMILLAN (2)

MAILING ADDRESS

360 ROYAL AVE.
KAMLOOPS B.C. V2B3P5

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

(1) SAME AS ABOVE (2)

MAILING ADDRESS

SAME AS ABOVE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,670

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The claim is underlain by Cretaceous biotite quartz monzonite -
granodiorite. Quartz veins 10-50 centimetres wide, strike slightly
northeast dipping. Southwest. Mineralization consists of
hornite, magnetite and minor chalcopyrite.

REFERENCES TO PREVIOUS WORK

LOG NO: 1222	RD.
ACTION:	
FILE NO: 87-933 -16670	

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 Figure 2 -- Claim and Index Map..... follows page 2
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APPENDIX

- Alex McMillan - Kamloops Research and Assay Lab Report K-7764
- Alex McMillan - Kamloops Research and Assay Lab Report K-7700
- Alex McMillan - Kamloops Research and Assay Lab Report K-8193
- Alex McMillan - Kamloops Research and Assay Lab Report K-8225

FILMED

INTRODUCTION

I General Geographic and Physiographic Position, Access To Claims

Frog #1 Mineral Claim comprises 15 units located near the headwaters of the Frog River in North Central British Columbia. The Frog River flows generally north-east and is a tributary of the Kechika River which in turn flows into the Liard River. (Figure #1)

Access to property is best by helicopter. A fixed-wing float plane may land on an un-named lake at the headwaters of the Frog River. A Horse trail is present extending from Fort Ware, British Columbia to Lower Post, British Columbia along the Frog River.

II Property Definition

Frog #1 Mineral Claim is located twenty kilometers west of the west end of Johiah Lake and forty-seven and six-tenths kilometers south, 162 degrees Azm. from the south end of Denetiah Lake. There is a hot-springs located eight kilometers west of the Initial Post. The claims are situated between the Frog River and the west arm of the Frog River. There is an un-named lake ten kilometers west of the Initial Post. Elevations over the claim area vary between three thousand feet and six thousand five hundred feet above sea level. (Figure #1)

The property was last staked in 1931 by Frank Perry for a Mr. Williams from Smithers British Columbia as shown by the discovery of three old claim posts five hundred meters, one thousand meters and fifteen hundred meters along the south line from the Frog #1 Initial Post. The property shows extensive mineralization and is a Copper, Silver and Gold prospect. Alex McMillan staked Frog #1 in September 1986 and is the current owner and operator.

III Summary Of Work Done

(a) Prospecting

The Frog #1 Mineral Claim assessment was performed using a prospector's pick and hammer to obtain promising rock samples. The total area prospected was fifteen hundred meters by twenty-five hundred meters. Assessment work was completed between July 4 to July 16 inclusive by three personnel.

IV Claims

The Frog #1 Mineral Claim comprises fifteen units and is located near the headwaters of the Frog River in the Liard Mining Division. Information on file with the Mining Recorder in Cassiar or Victoria, British Columbia is as follows:

<u>Claim Name</u>	<u>Tag No.</u>	<u>Expiry Date</u>	<u>Recorded Holder</u>
Frog #1	42836	Sept. 24/87	Alex McMillan

V Description

The total relief of the claim area is about three thousand, five hundred feet and is reflected in a somewhat square topographic pattern. Figure #3. The high point is in the southwest sector of the claim area along the claim line. Generally the claim area is steep mountainous terrain.

Rock outcrops are exposed along the Frog River Canyon. The higher elevations in the claim area are almost entirely rock outcrop comprised of granite. There are quartz veins in granite 20 centimeters to 50 centimeters wide running northeast and dipping toward the west with Bornite, malachite in large to massive blebs. Minor Chalcopyrite was also noted. The same was present in the surrounding granite.

Along the Frog River valley are talus slopes comprised of granite boulders mixed with quartz. Below the talus slopes overburden masks the property line and covers chiefly granite and quartz boulders. Overburden depth may vary to four or five meters along the Frog River. Considerable medium sized Spruce and Balsam trees as well as associated brush vegetation can be found along the river bank.

b

d

FIGURE 2

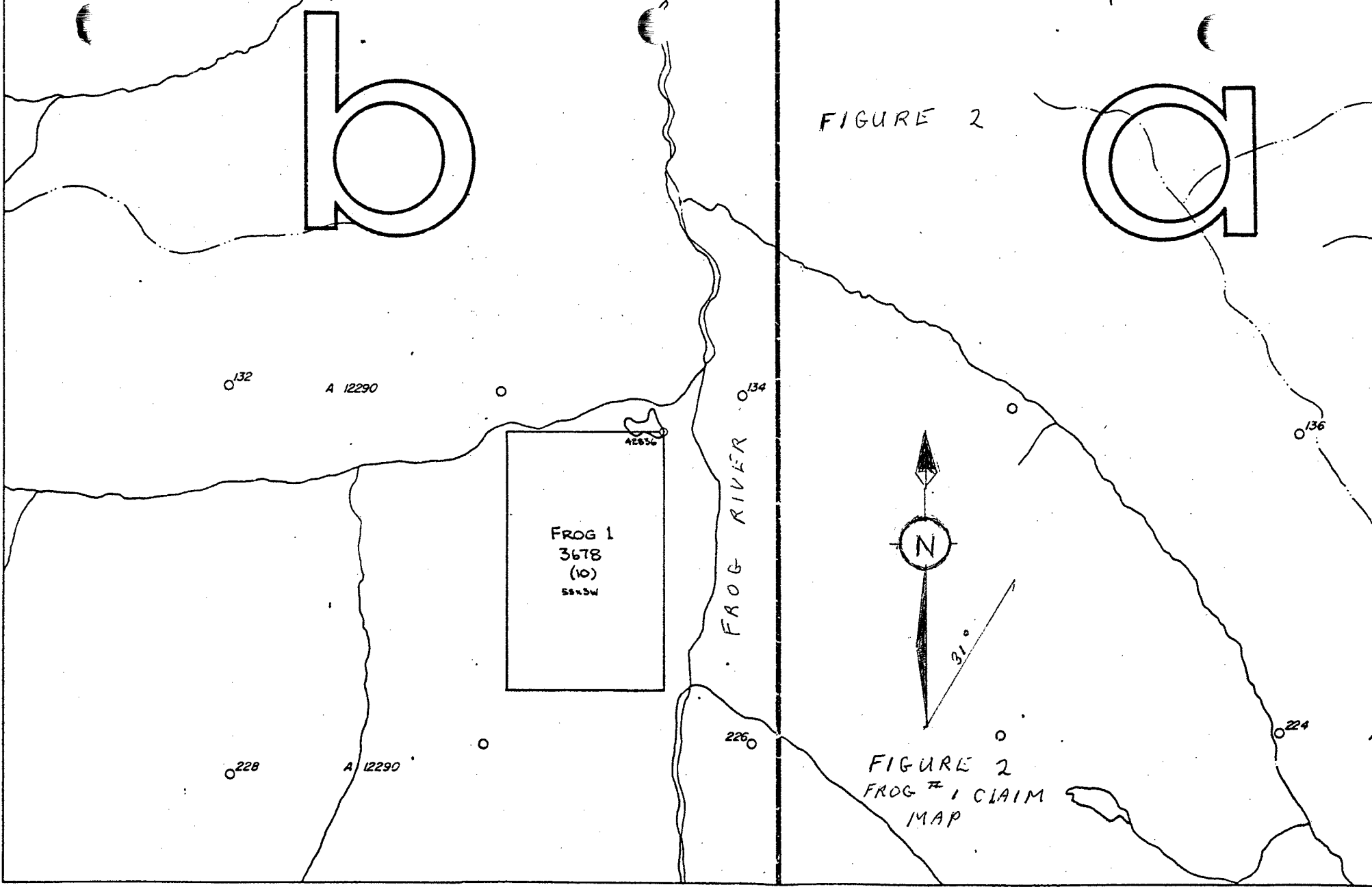


FIGURE 2
FROG #1 CLAIM
MAP

58° 00' 127° 15' LIARD MINING DIVISION

M942/3E

TO SOUTH SEE MAP 94-E-14-E

MARTIN'S 500 1000 2000 3000



International Boundary	———	Bridge	—X—
Provincial Boundary	———	Tunnel	—X—
Mining Division Boundary	———	Power Transmission Line	—X—
City or Municipal Boundary	———	Pipeline	—X—
Indian Reservation	———	Stream... perennial	———
Surveyed Boundary	———	indefinite	———
Unsurveyed Boundary	———	intermittent, dry	———
Mineral and Pleacer Reserve	———	Ditch, canal, flume	———
Ecological Reserve	———	Dam	———
Park Boundary	———	Rapid, Falls	———
Recreation Area Boundary	———	Boundary...swamp, flet, show	———

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

VICTORIA B.C.

SCALE 1/2 MILE = 1 INCH

This map is prepared on of mineral claims and shown on the locator's specific information, as the Mining Division can

TECHNICAL DATA AND INTERPRETATION

I Purpose

The purpose of this report is to summarize the assessment work performed on the Frog #1 Mineral Claim between July 4 and July 16, 1987 inclusive. Frog #1 was staked in September 1986. Preliminary assay reports showed .42 oz/ton of Gold and 11.3 oz/ton of Silver. A sample was screened and found to contain coarse Gold. Prospecting was carried out to assess the potential of this property.

II Results

Seven rock samples were taken in July 1987. Location of these samples are shown on Figure #3. Three of these samples were assayed for Gold, Silver and Copper. The results showed a high percentage of Copper and Silver but very little Gold. (See assay reports in Appendix).

III Interpretation and Conclusions

The encouraging value of Gold reported in the preliminary assay report of November 1986 was found in a Quartz vein in Granite thirty centimeters wide and six meters long running northeast. It is located thirty meters northwest of the 5 south 1 west claim post. This coupled with the later assay reports and the extensive mineralization throughout the property warrants further investigation to delineate areas for further mineral development.

The Frog #1 Mineral Claim is located approximately thirty kilometers north of a claim group on Mount McNamara and twelve kilometers south of a Lead, Zinc, Copper and Silver prospect staked by Cominco and therefore may be of some interest to certain mining companies.

ITEMIZED STATEMENT OF COSTS

I Field Personnel (including mobilization/demobilization)

(a) Charlie Pete, labourer @ \$11.50/hr
July 4 to July 16, thirteen days, 9 hours/day =
\$ 1345.50

(b) Fred McMillan, labourer @ 11.50/hr
July 4 to July 16, thirteen days, 9 hours/day =
\$ 1345.50

(c) Alex McMillan, owner/foreman @ 15.07/hr
July 4 to July 12, July 14 and July 16,
eleven days, 9 hours/day = \$ 1491.93

Total Wages Paid \$ 4182.93

II Food and Field Accommodation

July 4 to July 16;
thirteen days, x 2 persons @ \$60.00/day =
\$ 1560.00

July 4 to July 12, July 14 and July 16;
eleven days @ \$60.00/day =
\$ 660.00

Total Food and Accommodation \$ 2220.00

III Laboratory Analysis

4 Rock Samples assayed for Au, Ag and Cu @ \$30.55/sample =
\$ 122.20

1 Rock Sample assayed for Ag @ \$14.25/sample =
\$ 14.25

1 Rock Sample assayed for Au @ \$14.25/sample =
\$ 14.25

Total Cost of Assays \$ 150.70

IV Total Cost of Preparing Report \$ 328.49

ITEMIZED STATEMENT OF COSTS (con't)

V Transportation Costs To and From Claims

(a) Float Plane Rental from Watson Lake Yukon to claim site
@ headwaters of Frog River July 4 and July 16 =
\$ 1209.00

(b) Gas and oil for pickup truck to/from Kamloops and
Watson Lake =
\$ 275.00

Total Transportation \$ 1484.00

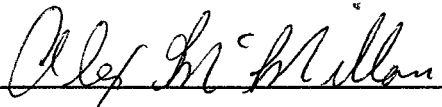
Total Cost of Assessment Work on Frog #1 Mineral Claim =

\$ 8366.12
=====

QUALIFICATIONS

I, Alex McMillan feel that I am qualified to prospect, carry out assessment work and write a prospector's report on the mineral claim Frog #1 because:

1. I was employed by Watson Lake Construction in 1964, supervised by Bob Kirk to prospect, take samples, stake claims and do other assessment work on claims situated in the Four Mile River area in the Cassier Mountains. (Bob Kirk staked what is now Cassier Asbestos.)
2. Employed by Tay River Mines in 1965 under Geologist Hugh Naylor for five months prospecting, staking claims, assessment work, etc. in Yukon -- Faro.
3. Employed by Nufort Resources in 1965 for four months prospecting, staking claims, assessment work, etc. in Quartz Lake area near Watson Lake Yukon.
4. Employed by Rakla River Mines in 1966 under Buster Groats for five months all over Northern British Columbia and Yukon prospecting, staking claims, assessment work.
5. From 1967 to present, employed by various companies to do prospecting, staking claims and assessment work on part time basis in B.C. and Yukon.
6. Also have staked claims and prospected for self from 1967 to present.
7. I have completed a grade 10 education and my particular interests are geology and prospecting.



Alex McMillan

REFERENCES

1. Geology Map 42 - 1962, Kechika, British Columbia, sheet 94L, scale 1:250,000.
2. Topographic Map 94L; Kechika, British Columbia, scale 1:250,000.
3. Lang, A.H., Prospecting in Canada, Geological Survey of Canada, 1970.



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

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

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO Mr. Alex McMillan
360 Royal Ave.,
Kamloops, B.C. V2B 3P5

Certificate No. K 7764
Date November 10, 1986

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

Kral No.	Marked	Au	Ag	Cu					
		ozs/ton	ozs/ton	percent					
1	Frog #1 .A	**.42	11.3	34.2					
	** Sample has been screened and found to contain coarse gold.								
		Percent Weight	Au ozs/ton	Combined Au ozs/ton					
	Frog #1 -100 mesh	99.98	.35	.42					
	+100 mesh	.02	379.						

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

Registered Assayer Province of British Columbia



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CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Mr. Alex McMillan
360 Royal Ave.,
Kamloops, B.C. V2B 3P5

Certificate No. K 7700
Date October 14, 1986

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

Kral No.	Marked	Au	Ag	Cu					
		ozs/ton	ozs/ton	percent					
1	Frog #1	.067	2.57	6.20					
2	Frog #2	.003	.20	1.40					
3	Frog #3	-	L.01	-					
	L means "less than"								

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

Deak A. Blundell

Registered Assayer, Province of British Columbia



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**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

CERTIFICATE OF ASSAY

TO Alex McMillan
360 Royal Avenue
Kamloops, B.C. V2B 3P5

Certificate No. K 8193

Date August 18, 1987

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

Kral No.	Marked	Au	Ag	Cu					
		ozs/ton	ozs/ton	percent					
1	Mary #1	L.001	-	-					
2	Frog #4	L.001	.03	.19					
	L means "less than"								

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

Registered Assayer, Province of British Columbia



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V2C 5P5

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

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Alex McMillan 376-2310
360 Royal Avenue
Kamloops, B.C. V2B 3P5

Certificate No. K 8225

Date August 27, 1987

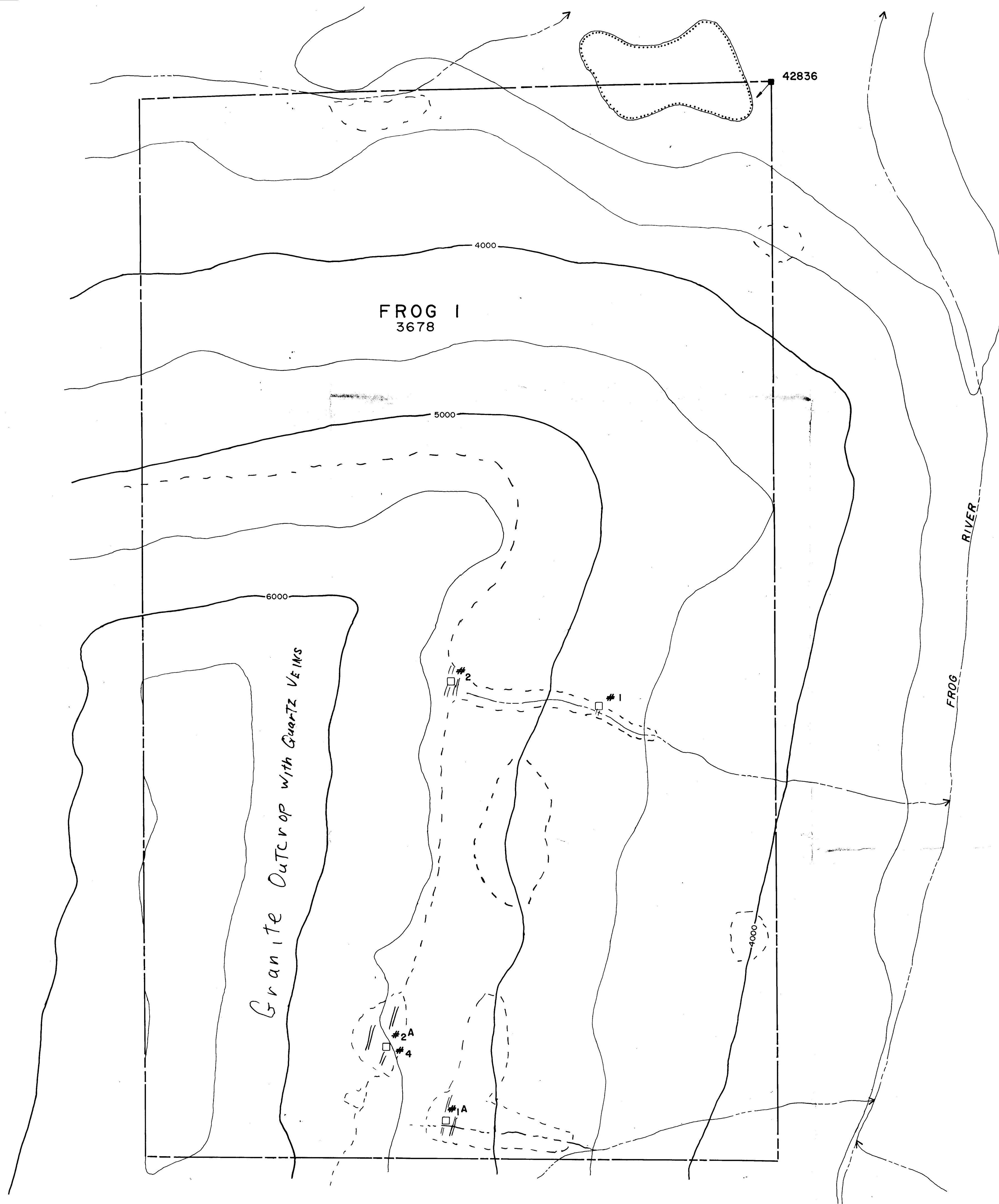
I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag	Cu					
		ozs/ton	ozs/ton	percent					
1.	Frog #2 <i>A</i> L means "less than"	L.001	9.30	43.5					

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

Debra A. Stoddell

Registered Assayer, Province of British Columbia



FROG 1
3678

Granite Outcrop with Quartz Veins

42836

4000

5000

6000

4000

FROG RIVER

#2A
#4

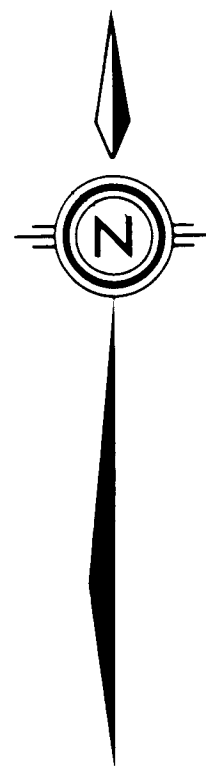
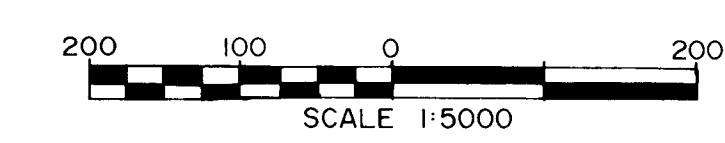
#1A

#1

#2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,670



LEGEND

- CREEK
- LAKE
- CLAIM BOUNDARY
- 5000 CONTOURS EVERY 500 FEET
- ROCK OUTCROP
- QUARTZ VEIN

NOTE: METHOD TO ESTABLISH CLAIM POST & BOUNDARY - PACE AND COMPASS.

No.	Revision:	Date
FROG 1 CLAIMS		
Date	SEPT./87	
Drawn	LS	
Checked	A. McM.	
Project		
Drawing No.		
FIGURE 3		