

PROSPECTORS
REPORT FOR
FRED # 12 TO 21

19055



TYPE OF REPORT/SURVEY(S) <i>PROSPECTING REPORTS</i>	TOTAL COST <i>8 6291.24</i>
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AUTHOR(S) *ALEX MCMILLAN* SIGNATURE(S) *A. McMillan*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED *Aug. 23. 1989* YEAR OF WORK *89*

PROPERTY NAME(S) *FRED # 12 TO 21*

COMMODITIES PRESENT *Gold and Copper*

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN *SMI 89 - 0100292 - 8*

MINING DIVISION *ATLIN* NTS

LATITUDE *58 15'* LONGITUDE *121 52'*

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)]:

- FRED # 12* *FRED # 13* *FRED # 14* *FRED # 15*
- FRED # 16* *FRED # 17* *FRED # 18* *FRED # 19*
- FRED # 20* *FRED # 21*

OWNER(S)
(1) *ALEX MCMILLAN* (2)

MAILING ADDRESS
300 ROYAL AVE
KAMLOO P.S. V2B 3P5

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

MAILING ADDRESS
SAME as above

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
Triassic and Jurassic
quartz diorite amphibolite felsic
Volcanic

REFERENCES TO PREVIOUS WORK *Nil*

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	.....	F.R.E.D. 12. 7. 21	.....
Photo	.....		.....
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	.....		.....
Electromagnetic	.....		.....
Induced Polarization	.....		.....
Radiometric	.....		.....
Seismic	.....		.....
Other	.....		.....
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil	42	F.R.E.D. 16. 7. 18	403.20
Silt			
Rock	4	F.R.E.D. 16. 7. 18	62.00
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)	1000 M. by 2500 M.	F.R.E.D. 12. 7. 21	3172.70
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
			TOTAL COST 4937.20

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted Date	Rept. No.			Information Class

LOG NO: 0914	F
ACTION:	
FILE NO:	
LOG NO: 1207	RD.
ACTION:	
	PAGE

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MAPS

Figure 1 -- Location Map.....follows page 1 /

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

Figure 3 -- Plan Map.....in pocket

19,055

APPENDIX

Alex McMillan - Kamloops Research and Assay Lab Report K-9310

Alex McMillan - Certification Letter for Prospecting Course

INTRODUCTION

I General Geographic And Physiographic Position, Access To Claims.

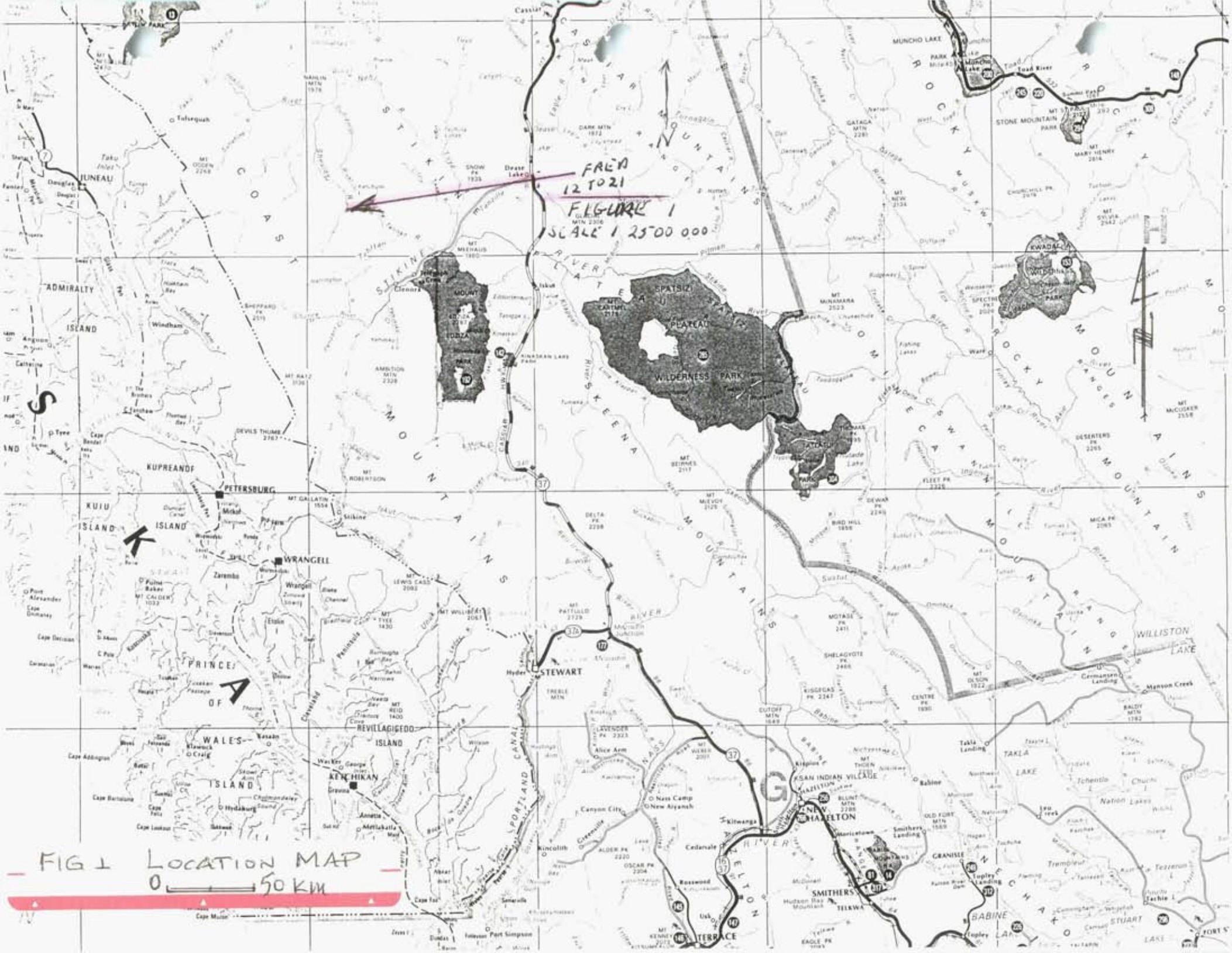
Fred 12-21 Mineral Property is located five Kilometers Southwest of Kaketsa Mountain on the Sheslay River in North-western British Columbia. The Sheslay River flows generally Northwest. It flows into the Inklin River which in turn flows into the Taku River. The Taku River flows into the Pacific Ocean at Taku Inlet in Alaska. (Figure #1)

Access to the property is best by road. This road is privately owned and maintained by Golden Bear Mud Lake Mines and is closed to the general public. A fixed winged float plane landing on Sheslay Lake or a helicopter are alternate access to the property.

II Property Definition

Fred 12-21 Mineral claims are located fifty-two and one half kilometers Northwest of Telegraph Creek or ten Kilometers Southwest of the old Sheslay Townsite. The coordinates of the mineral claims are 58 degrees 15 minutes North latitude and 131 degrees and 52 minutes West longitude near Sheslay Lake at the headwaters of Pyrrhorite Creek.

The property was prospected but not staked in 1967 by Fred Hasselburg. The property shows extensive mineralization and may be a Copper, Gold, Silver prospect. Corona Corporation has mineral property one kilometer North of the Fred Mineral claim. Alex McMillan staked Fred 12-21 in August 1988 and is the currant owner and operator.



FALD
12 1021
FIGURE 1
SCALE 1:2500000

FIG 1 LOCATION MAP
0 50 KM

III Summary Of Work Done

(a) Geochemical Survey

Forty-two soil samples were taken during the 1989 program of prospecting. The location of the soil samples are shown in figure 3. These samples were analyzed for Gold and Copper content. Preliminary reports show the Gold content to be negligible. The Geochemical reports are not available at the time of this report.

(b) Prospecting

The total area prospected was one thousand meters by Thirty-five hundred meters. Assessment work was completed between June 8 and June 20 1989 inclusive by two personnel.

IV Claims

The Fred 12-21 Mineral claims comprise ten units and are located on the Sheslay River in the Atlin Mining Division of British Columbia. Information on file with the Mining Recorder Office in Atlin or Victoria British Columbia is as follows:

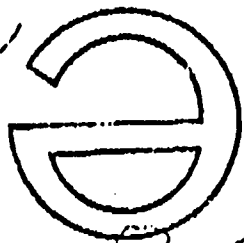
<u>Claim Name</u>	<u>Tag No.</u>	<u>Expiry Date</u>	<u>Recorded Holder</u>
Fred 12-21	547827M- 547836M	August 23/89	Alex McMillan

V Description

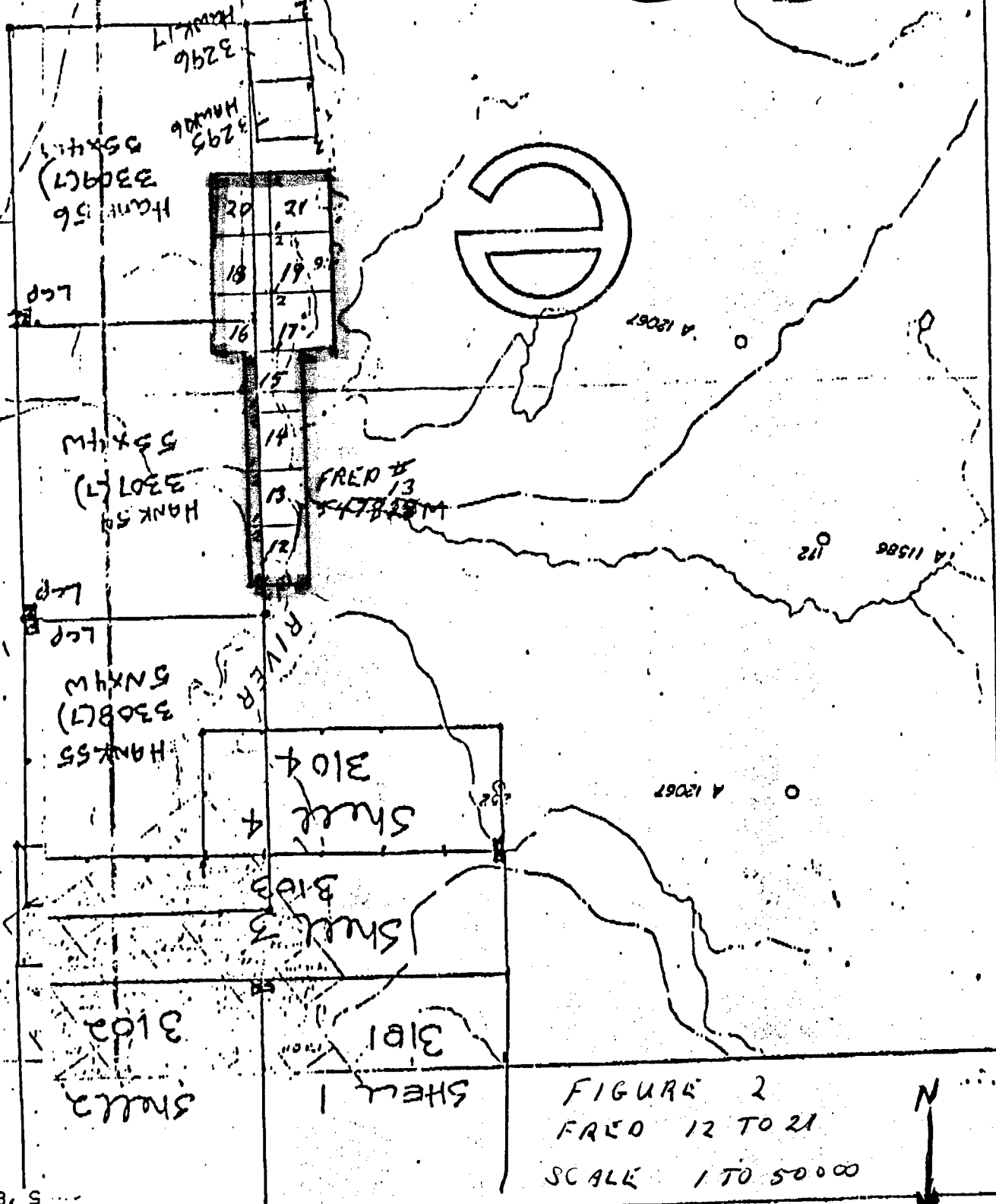
The total relief of the claim area is about five hundred feet. The elevation of the claim area goes from two thousand feet to two thousand five hundred feet. The high point is along the east boundary of the claim line on the east bank of the Sheslay River. This is also the southwest flank of Mount Kaketsa. (Figure #3)

Heavy overburden covers most of the claim area. Rock outcrops are exposed only along the east bank of the Sheslay River and are comprised of Quartzite.

3452



M 102 J 4 W



20	21
18	19
16	17

There is a Gossin comprised of Triassic Stuhini Group; felsic volcanic rocks with quartz veinlets. Minor Chalcopyrite is apparent in the Gossin. These numerous, small veinlets run northeast.

Along the east claim boundary there are two talus slopes comprised of Quartzite and Pyrite. Below the talus slopes overburden masks the property line away from the Sheslay River and is chiefly glacial outwash of sand, gravel and boulders. The overburden depths may vary up to several tens of meters over the property area. Considerable Spruce, Jackpine, Balsam, Alder and Poplar trees as well as associated brush vegetation blankets most of the property .

TECHNICAL DATA AND INTERPRETATION

I Purpose

The purpose of this report is to summarize the assessment work performed on the Fred 12-21 Mineral Claims between June 8 and June 20 1989 inclusive. Fred 12-21 was staked in August 1988. Preliminary assay reports show .08 oz/ton of silver. Prospecting and soil sampling was carried out to assess the potential of this property.

II Results

Four rock samples were taken, one in August 1988 and three in June 1989. Location of these samples is shown on Figure #3. These samples were assayed for gold and silver. The results show minimal amounts of silver and virtually no gold. (See assay report in the Appendix. The three rock samples assayed this year are not available at this time)

III Interpretation and Conclusions

The rock samples were obtained from the Gossin located in claims sixteen and eighteen. Extensive mineralization is present in the Gossin. This coupled with adjacent claims staked at a later date warrant further investigation to delineate areas for further mineral development.

The Fred 12-21 Mineral Claims are located one kilometer south of the Shell #1-4 claim group owned by Corona Corporation, a copper prospect. Several other private owners have claim groups staked in the vicinity and therefore Fred 12-21 may be of interest to certain mining companies.

ITEMIZED STATEMENT OF COSTS

I	Field Personnel (including mobilization/demobilization)	
	(a) Fred McMillan, axeman and faller @ \$13.50/hr June 8 to June 19, eleven days, 10 hours/day =	\$ 1485.00
	(b) Alex McMilan owner/foreman @ \$ 15.07/hr June 8 to June 19, eleven days, 10 hours/day =	\$ 1657.70
		<hr/>
	Total Wages Paid	\$3142.70
		<hr/>
II	Food and Field Accomodation	
	June 8 to June 19 eleven days x 2 persons @ \$60.00/day =	
	Total Food and Accomodation	\$ 1320.00
		<hr/>
III	Laboratory Analysis	
	4 Rock Samples assayed for Au., Ag. @	\$ 15.50/sample =
		\$ 62.00
	42 Soil Samples assayed for Au, Cu. @	\$ 9.60/sample =
		\$ 403.20
	Total Cost of Analysis	\$ 465.20
		<hr/>
IV	Total Cost Of Preparing Report	\$ 314.80
		<hr/>
V	Maximum Transportation Allowable (20% of \$ 5242.70)	\$1048.54
		<hr/>
VI	Total Claimable Assessment	\$6291.24
		=====

TRANSPORTATION COSTS BREAKDOWN TO AND FROM CLAIMS

(a) Float plane rental from Telegraph Creek B.C. to Sheslay Lake on June 8 (pick-up June 21)	\$304.00
(b) Gas and Oil to/from Kamloops (to Telegraph Creek via Watson Lake)	\$600.00
(c) Food and Accomodation Costs to /from Kamloops	\$200.00

TOTAL TRANSPORTATION COSTS TO AND FROM CLAIMS	----- \$1104.00 =====
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QUALIFICATIONS

I, Alex McMillan feel that I am qualified to prospect, carry out assessment work and write a prospector's report on the mineral claims Fred 12-21 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 the claims situated in the Four Mile River area in the Cassiar Mountains. (Bob Kirk staked what is now Cassiar 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 the Yukon prospecting, staking claims and assessment work.
5. From 1967 to present, employed by various companies to do prospecting, staking claims and assessment work on a part time basis in British Columbia and the 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.
8. Completed a basic course in Prospecting and Mineral Exploration organized and presented by the government and held at Cariboo College in Kamloops British Columbia from October- December 1987.



Alex McMillan

REFERENCES

1. Geology Map 1418A -1979, Iskut River, British Columbia, sheet 104,114, scale 1:1,000,000.
2. Topographic Map 104J; Dease Lake, British Columbia, scale 1:250,000.
3. Lang, A.H., Prospecting in Canada, Geological Survey of Canada, 1970.

APPENDIX

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2G 5P5 PHONE (604) 372-2784 FAX 372-1112

**** ASSAY CERTIFICATE ****



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

Number: K 9310

Date: Oct. 21, 1988

Proj.:

Attn:

No.	Description	Au ozs/ton	Ag ozs/ton
1	Fred #12-21	<.001	.08

Jack A. [Signature]

B.C. Certified Assayer

N. W. B. C. YUKON REEF - WID IN

JOB U

89-02258

FRED & AL CLAIMS

REPORT DATE 6 JUL 1989

LAB NO	FIELD NUMBER	AU PPB	WT AU GRAM	CU PPM
SB908396	1N	<10	10	69
SB908397	2N	<10	10	58
SB908398	3N	<10	10	83
SB908399	4N	<10	10	121
SB908400	5N	<10	10	34
SB908401	6N	<10	10	42
SB908402	7N	<10	10	38
SB908403	8N	<10	10	27
SB908404	9N	<10	10	76
SB908405	10N	<10	10	70
SB908406	11N	<10	10	64
SB908407	12N	<10	10	82
SB908408	13N	<10	10	76
SB908409	14N	<10	10	54
SB908410	15N	<10	10	46
SB908411	16N	<10	10	46
SB908412	17N	<10	10	57
SB908413	18N	<10	10	34
SB908414	19N	<10	10	19
SB908415	20N	<10	10	33
SB908416	21N	<10	10	169
SB908417	22N	<10	10	120
SB908418	23N	<10	10	40
SB908419	24N	<10	10	68
SB908420	25N	<10	5	42
SB908421	26N	<10	10	58
SB908422	27N	<10	10	39
SB908423	28N	<10	10	59
SB908424	29N	<10	10	46
SB908425	30N	<10	10	67
SB908426	31N	<10	10	68
SB908427	32N	<10	10	1
SB908428	33N	<10	10	52
SB908429	34N	<10	10	60
SB908430	35N	<10	10	65
SB908431	36N	<10	10	64
SB908432	37N	<10	10	68
SB908433	38N	<10	10	59
SB908434	39N	<10	10	25
SB908435	40N	<10	10	90
SB908436	41N	<10	10	25
SB908437	42N	<10	10	27

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCESS CALIBRATION C=BEING CHECKED R=REVISED
 IF REQUESTED ANALYSES ARE NOT SHOWN (RESULTS ARE TO FOLLOW)

ANALYTICAL METHODS

AU AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

WT AU THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (G/GRM)

CU 20% HNO3 DECOMPOSITION / AAS

N. W. B. C. YUKON RECCE - ND

JOB

U 89-0226R

FRED & AL CLAIMS

REPORT DATE 6 JUL 1989

LAB NO	FIELD NUMBER	AU PPB	WT AU GRAM	CU PPM
RB908403	AL 1	<10	5	1430
RB908404	AL 2	350	5	E94100
RB908405	AL 3	<10	5	403
RB908406	FRED 1	<10	5	197

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION U=BEING CHECKED R=REVISED
 IF REQUESTED ANALYSES ARE NOT SHOWN, RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

- AU AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- WT AU THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (G/G/GHEK)
- CU AQUA REGIA DECOMPOSITION / AAS



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

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June 12, 1989

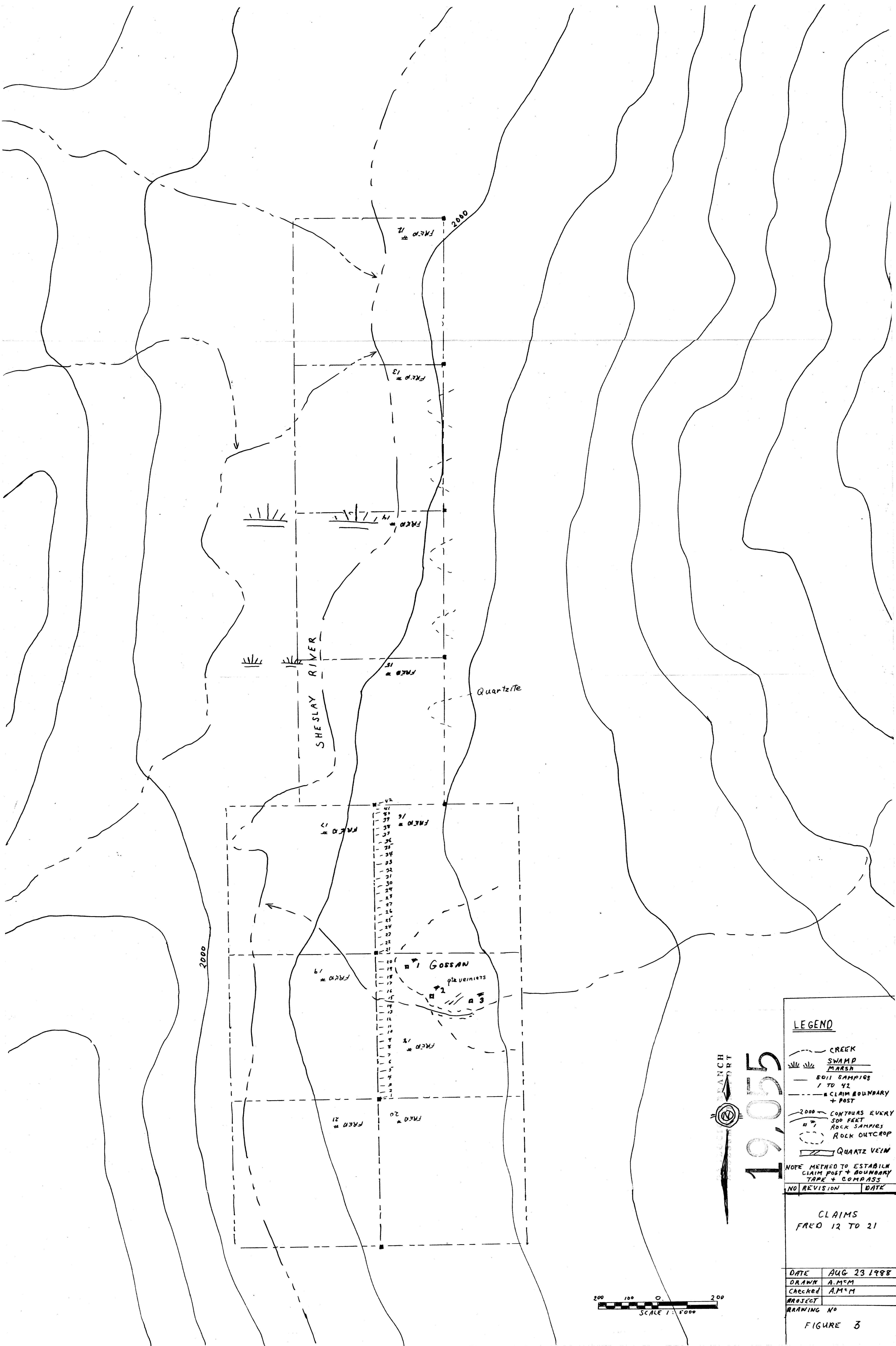
TO WHOM IT MAY CONCERN

This letter will certify that Mr. A. McMillan attended a 12 session basic course in Prospecting and Mineral Exploration. The course was organized and presented by the Geological Survey Branch of the Ministry of Energy, Mines and Petroleum Resources and was held at Cariboo College in Kamloops, from October 1 - December 17, 1987.

A handwritten signature in cursive script, appearing to read 'R. E. Meyers'.

R. E. Meyers
District Geologist
Geological Survey Branch

REM/jw



LEGEND

- CREEK
- SWAMP MARSH
- SOIL SAMPLES 1 TO 42
- CLAIM BOUNDARY + POST
- 2000 CONTOUR EVERY 500 FEET
- ROCK SAMPLES
- ROCK OUTCROP
- QUARTZ VEIN

NOTE METHOD TO ESTABLISH CLAIM POST + BOUNDARY TAPE + COMPASS

NO REVISION	DATE
-------------	------

CLAIMS
FR'CO 12 TO 21

DATE	AUG 23 1988
DRAWN	A.M.C.M
CHECKED	A.M.C.M
PROJECT	
DRAWING NO	

FIGURE 3

BRANCH REPORT

19,055

