PROSPECTING REPORT

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SOIL, SILT AND WATER SAMPLING

CONDUCTED ON

"IBLE" MINERAL CLAIM RECORD NO. 968(8)

KAMLOOPS MINING DIVISION

N.T.S. 921/6E

121°-03' WEST AND 50°-18' NORTH

OWNER: ROBERT McLEAN, F.M.C. #159278

OPERATOR: FLEXIBLE RESOURCES SYNDICATE

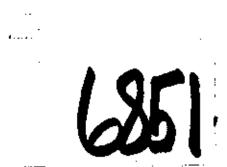
CONSULTANT: G.S. ELDRIDGE, P.ENG.

AUTHOR: ROBERT McLEAN

DATE: 31 JULY, 1978

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THE "IBLE" MINERAL CLAIM

INTRODUCTION AND GENERAL REMARKS

As a result of Geophysical and Geochemical work performed on the "FLEX" mineral claim during July, 1977, the adjoining "IBLE" mineral claim was staked to cover possible extension of the mineralized zones indicated on the surveys. The claim extends from the eastern slopes of the Skuhun Creek Valley at about elevation 1200 m across the Valley at 850 to 910 m elevation and up the west slopes to about elevation 1300 m where it adjoins the eastern boundary of the "FLEX" claim.

The Skuhus Creek Road traverses the claim in the north-easterly direction approximately at claim centre and elevation 885 m.

The claim covers a cross fractured fault zone running east to west and intersecting with the main Lornex north to south fault.

No assessment work appears to have been recorded previously on the claim. During staking of "IBLE" claim, soil, and rock outcrop samples were taken along the eastern boundary line. The rock appears to be quartz diorite and is strongly magnetic. The soil sample was taken in vicinity of post 2N and on subsequent examination consisted of a mixture of small rose and white coloured quartz pebbles embedded with magnetite and also tested strongly magnetic throughout the sample. Traces of Bornite and Magnetite were discerned in the pebbles. A few flakes that looked like mineralization were detected in the sample but not enough to permit a positive identification.

The eastern slopes of the property have a steady water run-off leading into a swamp area with several connecting beaver-damned ponds which effluence into the Skuhun Creek. Approximately half the major pond area is on "IBLE" unit #15 the other half extends to the north. A flat area extends west from the pond towards the Skuhun Creek Road for a distance of about 120 m, before claim ascends the south-easterly slopes of Skwilkwakwil Mountain.

OWNERSHIP OF THE PROPERTY

The recorded and registered owner of the property held by location is Robert McLean FMC #159278 dated at Vancouver, 9 January, 1978.

The "IBLE" claim consists of ten (10) metric units staked on the modified grid system and runs two (2) units north and five (5) units west of legal corner post #35257.

The record number of the "IBLE" mineral claim is #968 (8) in Kamloops Mining Division and expiry date is 3 August, 1979**

** Assuming this report is accepted for filing.

LOCATION AND ACCESS

The "IBLE" claim is located about mid-way up the Skuhun Creek Valley and on both sides of the Skuhun Creek in the southern half of the Highland Valley area of British Columbia, and about 10.5 Kilometers south of the eastern end of the Pimainus Lakes.

Claim is centred about $121^{\circ}-03$ ' west and $50^{\circ}-18$ ' north.

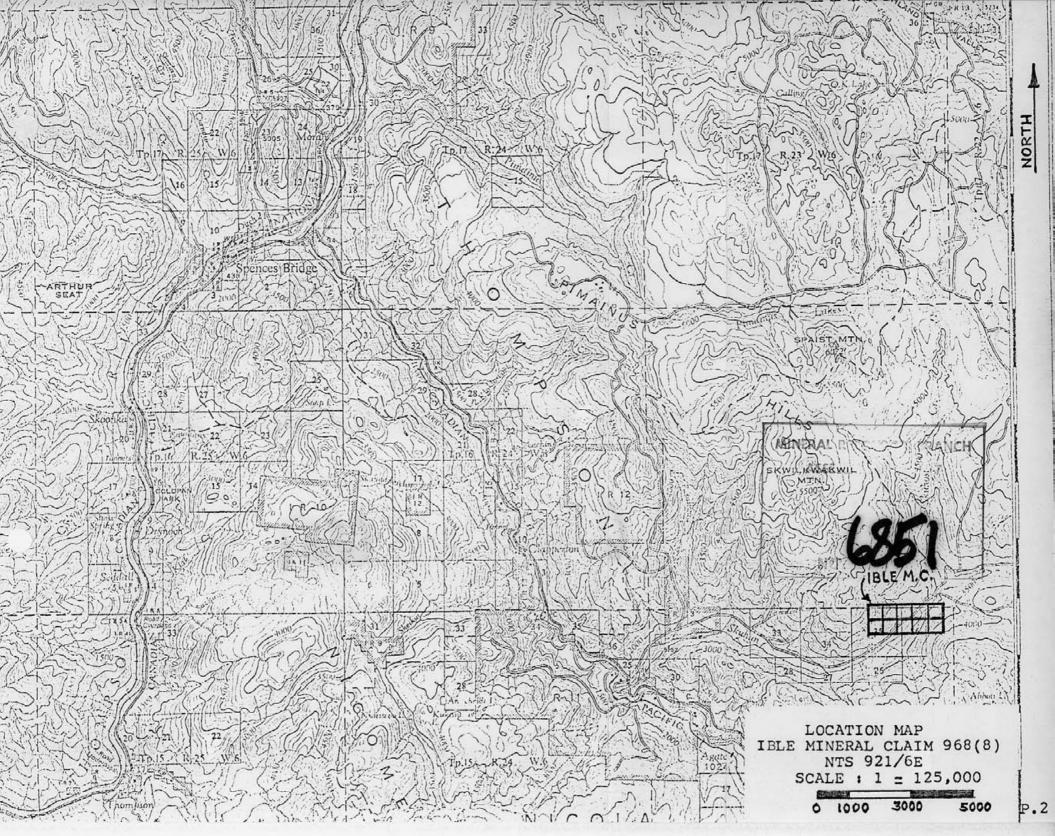
Access is by main highway from Spences-Bridge about 22.5 Kilometers east towards town of Merritt then north easterly by gravel road for about 12 Kilometers.

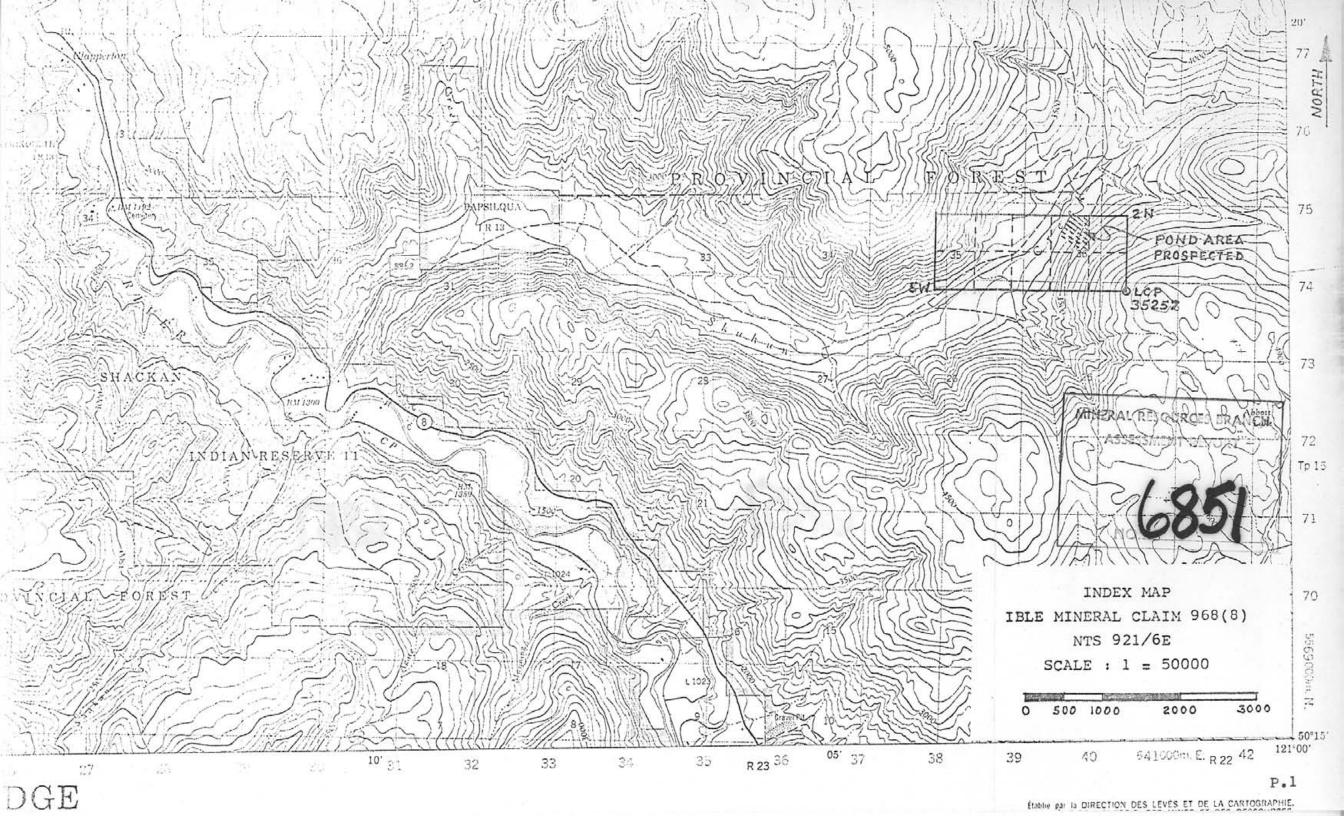
The claim straddles the gravel road at about mid-point of claim and is accessible by passenger automobile to this point.

PURPOSE OF PROSPECTING TRIP

It has been noted that other copper mineral deposits of commercial value were found in the low lying area of valleys. Specifically the Valley Copper deposit to the north and the Maggie Mine to the north-west. It is considered that further investigation of the "IBLE" low lying part of the Skuhun Valley to the east of the Lornex fault zone and in area of the beaver ponds merits prospecting to determine if this area holds mineral potential with mineable possibilities.

The area is largely covered in overburden which is believed to be at considerable depth, therefore a program of soil, silt and water sampling around the pond areas will be beneficial in determining the mineral potential of the area. The objective being to find out if further Goochemical and Geophysical survey work is warranted in that area in preference to a planned program in area adjoining the "FLEX" claim.





PROSPECTING METHODS AND WORK PERFORMED

a) Work Performance

The field work was carried out during period 14 July to 16 July by prospector R. McLean, the recorded owner of the property and assisted throughout by prospector William Bain F.M.C. #167565.

The operations were timed to permit silt sampling when ponds were at a summer low level and more readily accessible for sampling. The pond area is surrounded by thick underbrush and moderately timbered with pine, cottonwood and coniferous trees. Access through bog areas and brush made going rather difficult but sightings from tall trees enabled grid co-ordinates to be accurately located.

b) Grid Staking

Base lines were staked out at 30 m intervals on the west and east sides of the ponds on a co-ordinate basis that ties-in to surveys conducted on "FLEX" mineral claim in 1977. The base lines were established at ninety degrees to "IBLE" boundary line 2N and at distances of 220 m west of post 2N1W to cover pond area and at 140 m east of post 2N1W to cover the higher elevations.

The east boundary of "IBLE" claim was also staked out partway. The stations were marked with orange painted wooden stakes at each interval and identification co-ordinates marked thereon. The distances to edge of ponds were then compassed and chained-off at right angles to base lines and measurements recorded to enable a reasonably accurate mapping of the pond area. Access points to pond area were flagged with pink tape at roadside where line L17S and L23S cross over, to enable easier location in the future.

c) Silt Sampling

A specially constructed 50 mm diameter aluminum tube device about 1.25 m in length with a serrated end for easier insertion and an internal silt trap to ensure retention of major portion, was used to obtain the samples from the bottom of ponds. Three silt samples about 1 m apart were taken at each location on the pond and the silts combined in a gold pan. Flushing water taken from the pond was then poured through the tube to ensure as much of, and as representative a sample as possible, was obtained.

All silt samples were taken at depths ranging from 450 mm to 600 mm below bottom of ponds.

After settling of samples the excess water was carefully sloughed-off from the pan and the residue silt scooped into brown wet-strength paper bags. Grid co-ordinates were marked on bags for future identification when assaying. Eight (8) silt samples were taken using this method.

d) Water Sampling

Seven (7) water samples were collected at strategic locations in sterilized plastic bottles with tight fitting covers.

Three locations were taken from the creek, one from a swamp area and three at different locations from the run-off water coming from the eastern slopes.

All seven (7) water samples have been retained for future analysis.

Two samples tested slightly alkaline, the other five neutral by litmus test.

e) Soil Sampling

Soil samples were taken at all stations on base lines, at points adjacent to silt samples, and uphill from pond area including some at eastern boundary of "IBLE" claim near post 2N.

Thirty-four (34) soil samples were taken using a mattock-type pick and small trowel.

All soils were taken from the "B" or sub-surface layer at depths ranging from 100 to 200 mm.

All soils were tested with a pencil magnet, colour noted and visually classified by size of particles as sand, silt or clays.

Samples were then placed in wet-strength bags and co-ordinates marked for future identification and analysis.

On return to Vancouver, all silt and soil samples were submitted to ACME Analytical Laboritories in Burnaby for Cu assays and approximately half for Ag assays.

On noting the good silver values in samples and considering the alkalinity of the water samples, the samples were rerun for zinc content with interesting results.

RECORD DATA OF SAMPLES AND OBSERVATIONS

SAMPLE NO.	TYPE	CO-0	ORDINATES	COLOUR	TEXTURE	DEPTH mm	OBSERVATIONS	Cu ppm	Ag ppm	Zn ppm
1.	SOIL	2 N	AT POST	GREY BROWN	SAND	200	STRONGLY MAGNETIC, METALLIC FLAKES	25		52
2.	SOIL	17 S	200 E	GREY BROWN	SAND	150	MAGNETIC	28		58
3.	SOIL	18 S	200 E	GREY BROWN	SAND	200	STRONGLY MAGNETIC, METALLIC FLAKES	29		36
4.	SOIL	19 S	200 E	OLIVE BROWN	SAND	175	MAGNETIC, METTALLIC FLAKES	25		45
5.	SOIL	20 S	200 E	OLIVE BROWN	SAND	200	MAGNETIC	52		60
6.	SOIL	16 s	200 E	OLIVE BROWN	SAND	200	MAGNETIC	50		92
7.	SOIL	15 S	200 E	OLIVE BROWN	SAND	175	MAGNETIC	42		60
8.	SOIL	14 S	200 E	OLIVE BROWN	SILT	200	MAGNETIC	44		145
9.	SOIL	2 N	196 E	OLIVE BROWN	SILT	175	MAGNETIC	36		62
10.	SOIL	2 N	190 E	LIGHT BROWN	SAND	200	MAGNETIC, METALLIC FLAKES	18		58
11.	SOIL	2 N	184 E	LIGHT BROWN	SAND	150	MAGNETIC	18		64
12.	SOIL	17 s	176 E	LIGHT BROWN	SILT	175	STRONGLY MAGNETIC, METALLIC FLAKES	18		62
13.	SOIL	18 S	176E	LIGHT BROWN	SAND	200	STRONGLY MAGNETIC, METALLIC FLAKES	18		48
14.	SOIL	19 S	176 E	BROWN	SAND	200	STRONGLY MAGNETIC	26		26
15.	SOIL	20 S	176 E	BROWN	SAND	200	STRONGLY MAGNETIC	20		48
16.	SOIL	21 S	176 E	OLIVE BROWN	SILT	175	STRONGLY MAGNETIC, METALLIC FLAKES	26		66
17.	SOIL	22 S	176 E	OLIVE BROWN	SAND	150	STRONGLY MAGNETIC, METALLIC FLAKES	18		45
18.	SOIL	23 S	176 E	GREY BROWN	SAND	125	STRONGLY MAGNETIC, METALLIC FLAKES	11		38
19.	SOIL	24 S	176 E	BROWN .	SAND	150	STRONGLY MAGNETIC, METALLIC FLAKES	14		50
20.	SOIL	25 S	176 E	GREY BROWN	SAND	150	STRONGLY MAGNETIC, METALLIC FLAKES	14	.1	42
21.	SOIL	23 S	152 E	OLIVE BROWN	SILT	200	MAGNETIC, METALLIC FLAKES	74	, 2	22
22.	SOIL	22 S	152 E	OLIVE BROWN	SILT	400	BOG SAMPLE, MAGNTIC, METALLIC FLAKES	82	.1	25
23.	SOIL	21 S	152 E	OLIVE BROWN	SILT	175	MAGNETIC	76	.1	22
24.	SOIL	20 S	152 E	OLIVE BROWN	SILT	200	MAGNETIC	31	.1	18
25.	SOIL	19 S	152 E	OLIVE BROWN	SILT	200	STRONGLY MAGNETIC, VISIBLE MICA	82	.1	22
26.	SOIL	18 S	152 E	BROWN	SAND	175	MAGNETIC, METALLIC FLAKES	118	.1	52

SAMPLE NO.	TYPE	CO-ORDINATES	COLOUR	TEXTURE	DEPTH mm	OBSERVATIONS	_Cu_ppm	Ag ppm	Zn ppm
27.	SOIL	17 S 152 E	OLIVE BROWN	SILT	150	MAGNETIC	34	.2	126
28.	SOIL	25 S 152 E	OLIVE BROWN	SILT	200	MAGNETIC, METALLIC FLAKES	94	.3	30
29.	SOIL	24 S 152 E	OLIVE BROWN	SILT	200	MAGNETIC, METALLIC FLAKES	106	. 4	26
30.	SILT	23 S 156 E	OLIVE GREEN	SILT	550	NON-MAGNETIC	62	.2	20
31.	SOIL	22 S 153 E	OLIVE GREEN	SILT	175	MAGNETIC, METALLIC FLAKES	36	.1	16
32.	SOIL	21 S 154 E	OLIVE BROWN	SILT	150	MAGNETIC, METALLIC FLAKES	34	.1	18
33.	SOIL	20 S 155 E	OLIVE BROWN	SILT	200	MAGNETIC, METALLIC FLAKES	54	.1	22
34.	SOIL	19 S 156 E	OLIVE BROWN	SILT	200	STRONGLY MAGNETIC, METALLIC FLAKES	52	.1	20
35.	SOIL	18 S 157 E	OLIVE BROWN	SAND	175	STRONGLY MAGNETIC, METALLIC FLAKES	52	.1	24
36.	SOIL	17 S 158 E	OLIVE BROWN	SAND	200	STRONGLY MAGNETIC	46	.3	22
37.	SILT	22 S 153 E	OLIVE BROWN	SILT	500	MAGNETIC, METALLIC FLAKES	37	.1	18
38.	SILT	21 S 154 E	OLIVE GREEN	SILT	600	NON-MAGNETIC, METALLIC FLAKES	58	.1	22
39.	SILT	20 S 155 E	OLIVE GREEN	SILT	600	NON-MAGNETIC, METALLIC FLAKES	42	.1	20
40.	SILT	19 S 156 E	BLACK	CLAY	550	SPONGY, NON-MAGNETIC, METALLIC FLAKES	134	. 4	24
41.	SILT	18 S 157 E	BLACK	CLAY	600	SPONGY, NON-MAGNETIC	128	.3	25
42.	SILT	17 S 158 E	BLACK	CLAY	575	SPONGY, NON-MAGNETIC	76	.2	28
43.	WATER	22 S 153 E	CLEAR	FLOWING	150	RUN-OFF FROM SMALL POND, NEUTRAL PH			
44.	WATER	21 S 155 E	CLEAR	FLOWING	150	RUN-OFF FROM LARGE POND, SLIGHTLY ALKALINE			
45_	WATER	19 \$ 156 E	CLEAR	FLOWING	300	RUN-OFF FROM EAST SLOPES, SLIGHTLY ALKALINE			
46.	WATER	17 S 158 E	GREENISH	STATIC	400	SWAMP, NEUTRAL PH			
47.	WATER	17 S 156 E	CLEAR	FAST FLOWING	250	SKUHUN CREEK EAST FORK, NEUTRAL PH			
48.	WATER	17 S 154 E	CLEAR	FAST FLOWING	250	SKUHUN CREEK WEST FORK, NEUTRAL PH			
49.	WATER	25 S 146 E	CLEAR	FAST FLOWING	250	SKUHUN CREEK COMBINED FLOW, NEUTRAL PH			

SUMMARY OF RESULTS

Using Background values of 25 ppm for Cu-Zn and 0.1 ppm for Ag, the Geochemical results can be summarized as follows:

	Ave.Cu(ppm)	Ave, Zn(ppm)	Ave.Ag(ppm)
Total Area Sampled	58.3	56.8	0.29
Eastern Slopes Only	35.9	54.2	- -
Pond Area Only	68.5	52.4	0.29

CONCLUSIONS

The pond area shows: 2.74 X Background in Cu

2.1 X Background in Zn

2.9 X Background in Ag

Considering the known depth of overburden in this area, the results would appear to justify further investigation by either Geochemical or Geophysical methods to try to delineate the fault structures passing through the area.

The prospecting performed can be considered to have satisfied the objective of the trip and it is felt that this area should be given high priority in future exploration work.

305 - 543 Granville St. Vancouver, B.C.
31 July, 1978

CONSULTANT'S REVIEW

It was noticed on the geological maps of the district, that the major north-south fracture running south from the Rio-Algom property had a decided crossfracture movement to the west on the IBLE claim. Therefore, it was decided to do a detailed geochemical survey on this area.

The area is covered with overburden with no rock exposures. The eastern slopes have a steady water run-off into a swamp area with several connecting ponds which effluence into Skuhun Creek which runs along the crossfracture.

Half the major pond is on IBLE unit #15, the other half extends to the north. A flat area extends west from the ponds towards the Skuhun Creek Road for a distance of 120 meters before the claim ascends the south-easterly slopes of Skwilkwakwil Mountain. The only rock exposures occur at the east boundary line of claim where samples #1 to 8 were taken and show more Zinc than Copper. This is also true to the east for samples up to #20.

From #21 to #30 the Copper results are well above background especially # 25, 26, 28 & 29.

The Silver on #27, 28, 29 20, 40, 41 & 42 are equally as good. The Copper on #40, 41 & 42 are good and inline with the Silver results.

The results of the chemical tests on Copper, Silver and Zinc were quite good considering the depth of overburden and I would recommend an E.M. survey be done to locate the intersection of the crossfracture with the main regional north-south fracture and then drill three (3) holes to get below the overburden and determine the nature of the geological and mineral occurance.

Seldridge P. Eng.

SUMMARY OF COSTS

Prospecting Trip	-	IBLE Mineral Claim 968(8)
		Kamloops Mining Division
		14 July to 31 July, 1978

Wages:	R. McLean - Prospector & Supervisor 2½ Days @ \$ 1.25.00	\$ 312,50	
	W. Bain - Prospector & Crew Member 2½ Days @ \$ 100.00	250.00	\$ 562.50
Equipment:	Van Rental - 2½ Days @ \$ 40.00	\$ 100.00	
	Survey Equipment & Supplies	\$ 30.00	
	Tool Rentals - 2% Days @ \$ 10.00	\$ 25.00	\$ 155.00
Soil & Silt Sa	mple Analysis (1.2 Line/kilometers)		
	42 Cu assays @ \$ 3.45	\$ 60.90	
	23 Ag assays @ \$ 0.50	\$ 11.50	
	42 %n assays @ \$ 1.20	\$ 50.40	\$ 122.80
Prospecting Re	port & Drafting - R. McLean		\$ 400.00
Consultant's 9	deview - G.S. Eldridge, P.Eng.		\$ 150.00
TOTAL COST			1,390.30
Cost Per Sampl	e (42)		\$ 33.10

AUTHOR'S QUALIFICATIONS

I, Robert McLean, of the Municipality of West Vancouver in the Province of British Columbia, do hereby certify:

That I am the valid holder of a Free Miner's Certificate and have been engaged in prospecting for minerals for a period of approximately ten (10) years.

I further certify:

That I have actively performed the following duties in the mining industry,

- President New Jericho Development Corporation Ltd. since 1969 to date.
- President Gaza Mines Ltd. since 1968 to date.

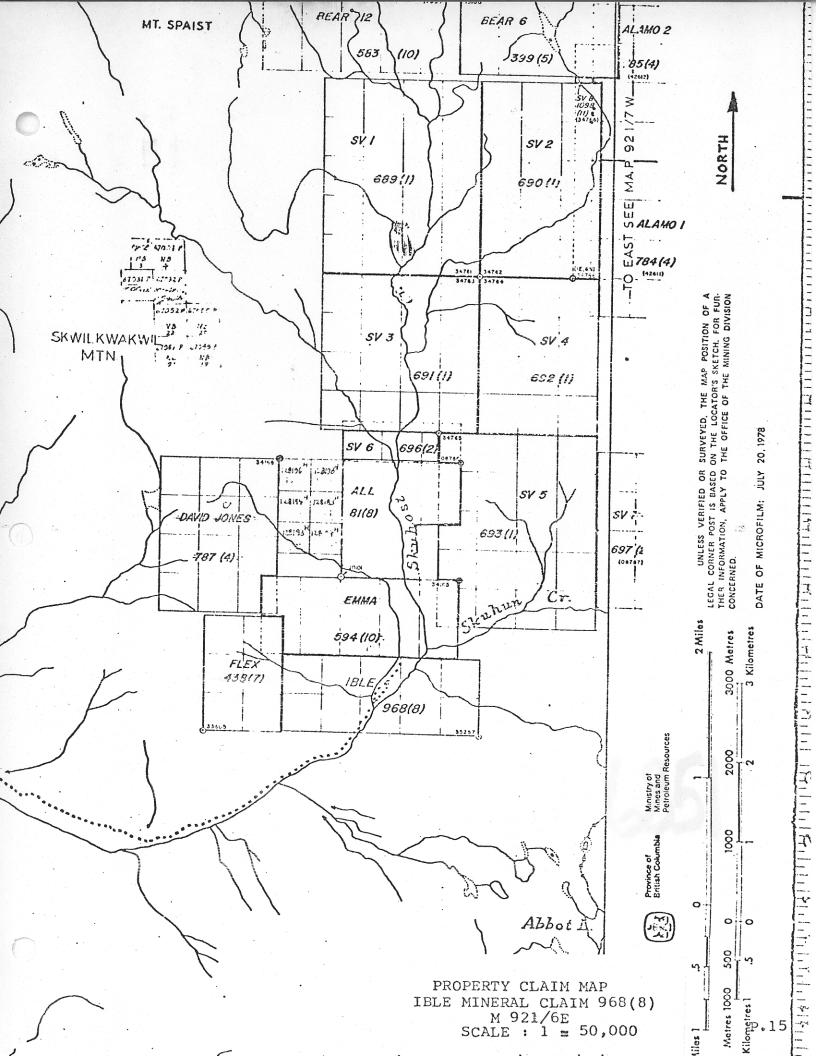
(Both companies owning copper properties under development by Highmont-Teck interests in the Highland Valley area of B.C.

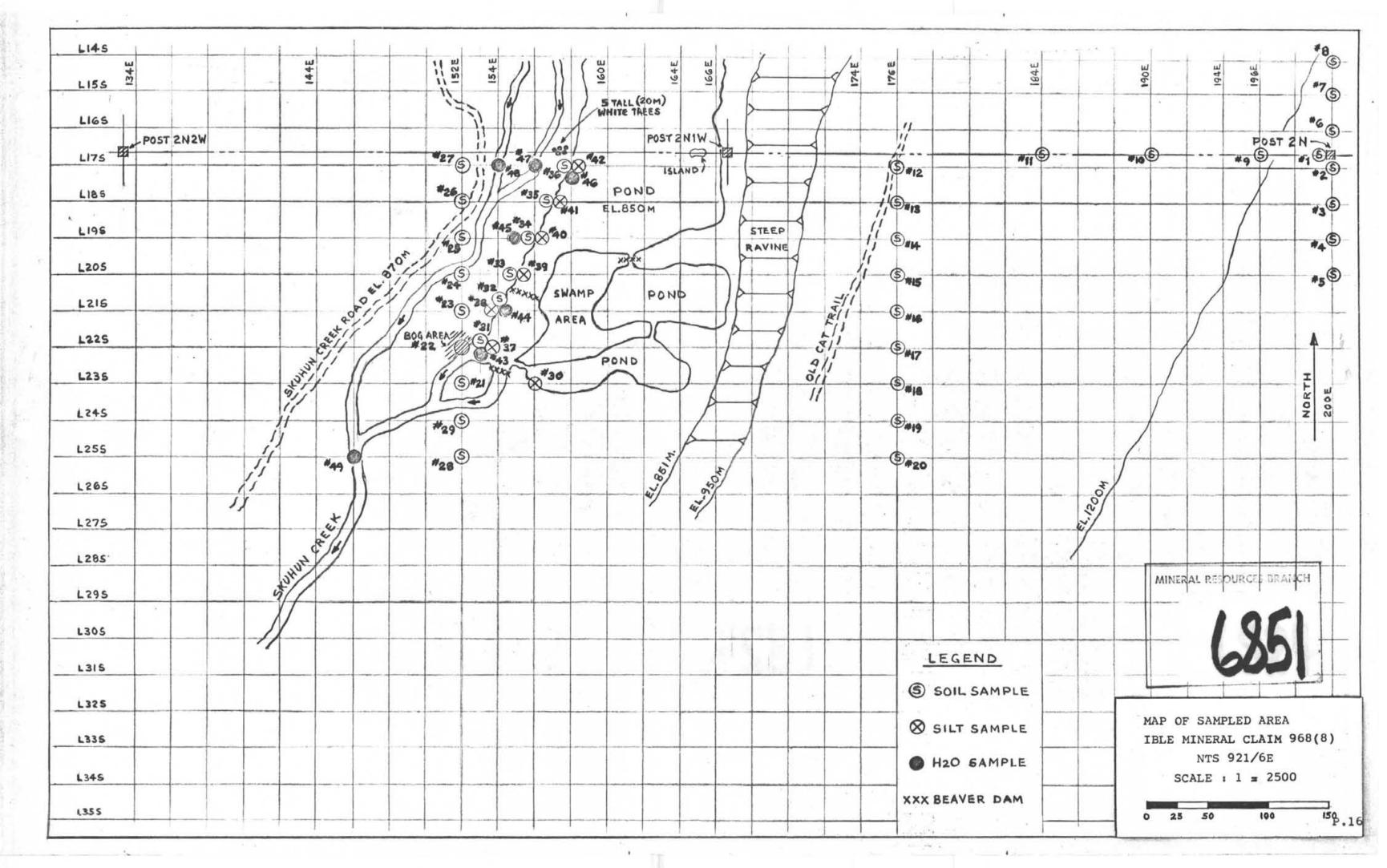
- 3. Engaged in Process and design of mineral, oil and forest resource plants for major engineering consultants in city of Vancouver since 1966.
- 4. I am the recorded owner of the FLEX and IBLE mineral claims and have assisted Geotronics Surveys Ltd. in performance of Geochemical and Geophysical work conducted on the FLEX claim during summer of 1977.

Robert McLean

Author of Report.

Robert Mofern





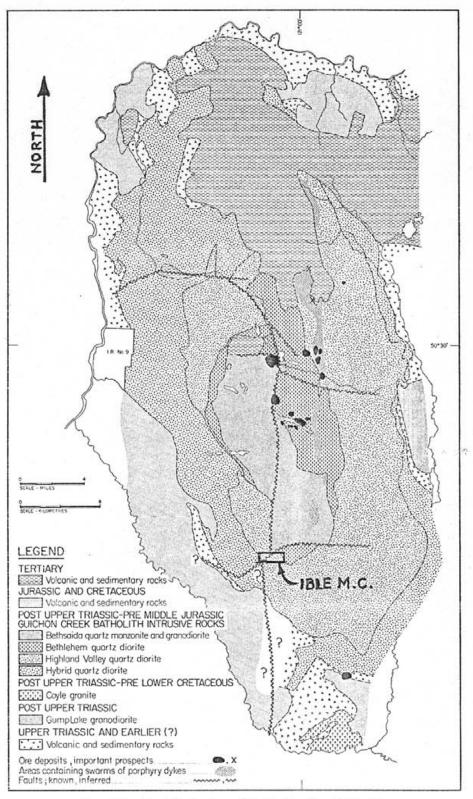


Figure 45. Simplified geology of the Guichon Creek batholith.

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MAP OF FAULT ZONE
IBLE MINERAL CLAIM 968(8)
NTS 921/6E
SCALE: 1 = 100,000
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P.17

Assaying & Trace Analysis

Flexible Resources Syndicate 6455 Lauret St., Burnaby, B.C. VSB 384 305 - 543 Granville St.

Vancouver, B. C. V6C 1XB

All results are in parts per million.

ANALYSES CERTIFICATE

Tel: 299 5242

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ACME ANALYTICAL LABORATORIES LTD.

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Assaying & Trace Analysis Flexible Resources Syndicate Laurel St., Burnaby, B.C. V58 384

305 - 543 Granville St.

Vancouver, B. C.

V6C 1X8

ANALYSES CERTIFICAT	ΙE	П	1
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Tel. 299-5242

File No8495	
Type of Samples Soils	
Disposition	·

All reports are the confidential property of clients.

All results are in parts per million.

DATE SAMPLES RECEIVED	July	18,	1978
DATE REPORTS MAILED	11	,20,	1978
ANALYST A PAGE		11/2	
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