

REPORT ON PROPERTY EXAMINATION
ART JOHNSON NICKEL PROPERTY, ERICKSON, B. C.
APPROX. LAT 49°07' LONG. 116°22'
N.T.S. 82F/1W

Vancouver, B. C.
January 31, 1977

B. Manchuk

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Geochemical Lab Reports

REPORT ON PROPERTY EXAMINATION

ART JOHNSON NICKEL PROPERTY - ERICKSON, B.C.

INTRODUCTION

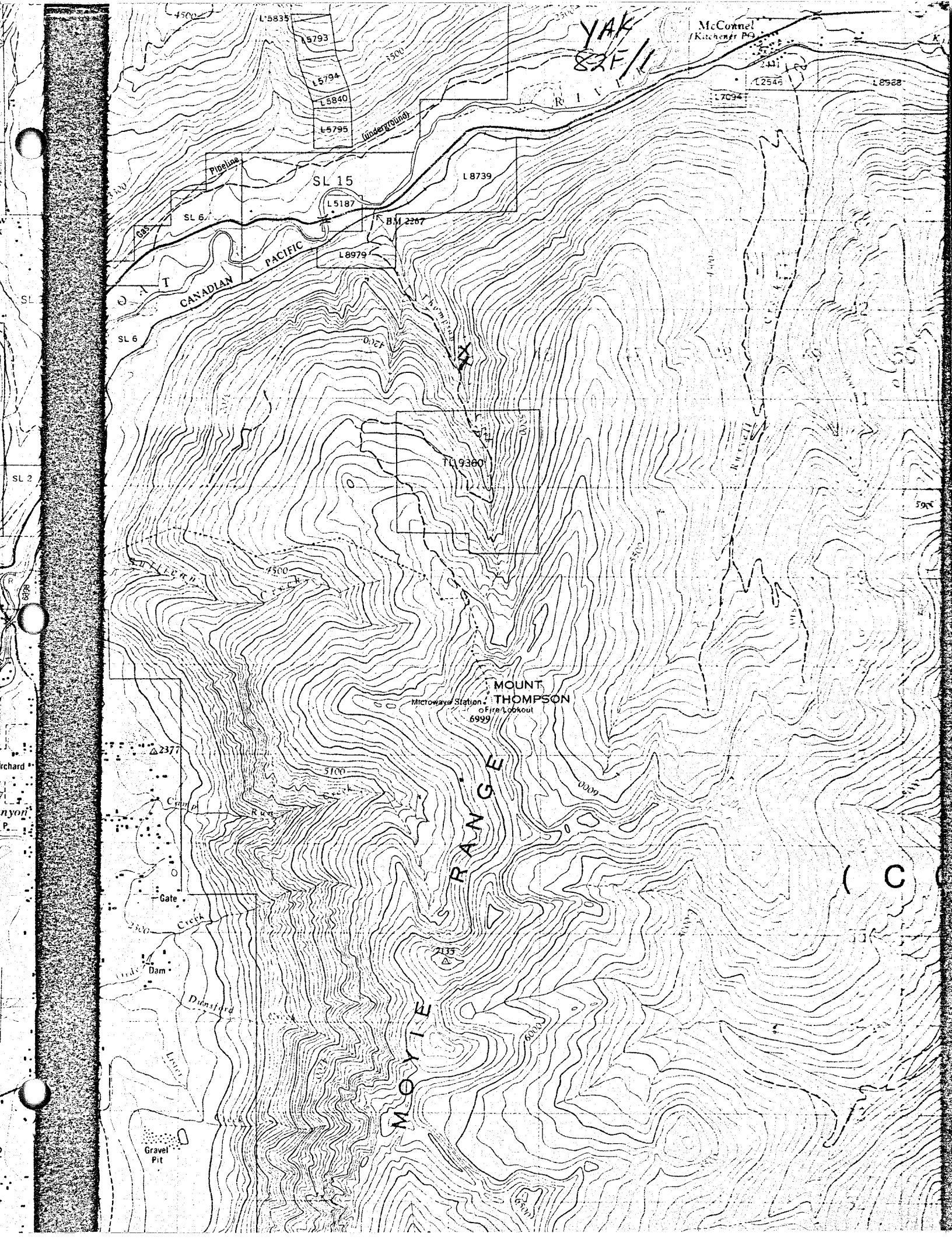
This Nickel Property was presented to Falconbridge by Art Johnson, Box 67, Erickson, B.C. c/o River Bend Service Station, Creston East District, Creston, B.C. Approximately 3 hours were spent examining the property.

LOCATION AND ACCESS

The property is located on Thompson Creek at approximately 4000' A.S.L. (approx. Lat. $49^{\circ}07'$, Long. $116^{\circ}22'$) (Fig. 1). The property can be readily reached via a secondary gravel road which begins directly across the highway from the River Bend garage. The showings are located on the Iron King 7 and 8 claims property map enclosed).

GENERAL GEOLOGY

The showings are located within one of the Purcell sills which locally intrude the Aldridge formation, a sequence of argillaceous quartzites and argillites of Proterozoic age. The geology of the area has been described by H.M.A. Rice in G.S.C. Memoir 228. Rice states that the sills vary in size from thin sheets to tabular bodies 700' or more thick and multiple sills can be observed with an aggregate thickness of 1000' or more. Compositionally, the sills vary from that of an acid gabbro to quartz diorite with the latter being by far the commonest type.



YAK
82F/1

McConnel
Kitchen PG

SL 15

CANADIAN
PACIFIC

MOUNT
THOMPSON

Microwave Station
of Fire Lookout
6999

MOYIE
RANGE

Dunstaff

Gravel
Pit

SL 2

SL 6

SL 6

SL 6

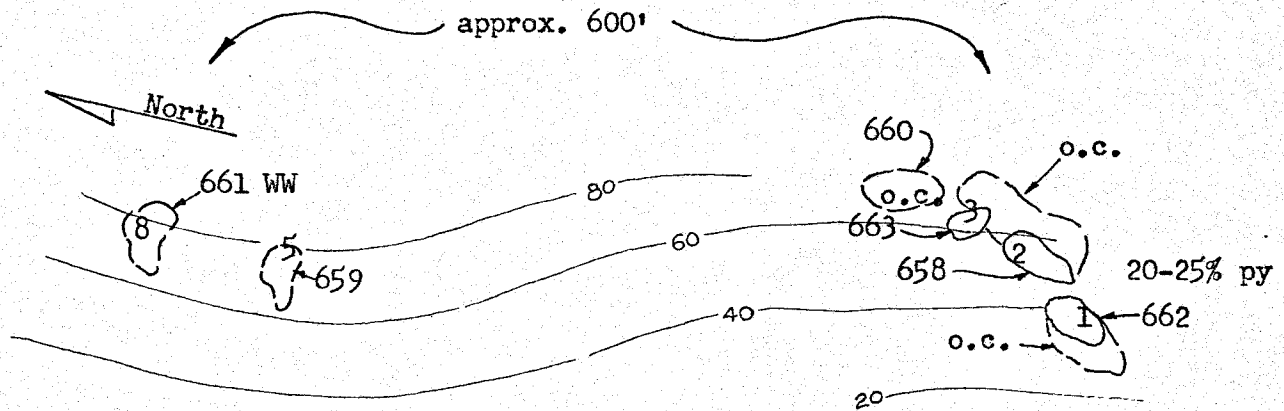
SL 6

SL 6

SL 6

(C)

ART JOHNSON NICKEL PROPERTY (ERICKSON, B.C.)



○ quartz diorite pits

CLAIMS: Iron King 7,8

N.T.S. 82F 1W

lat. 49 07 long 116 22

Pyrite, chalcopyrite and pyrrhotite were observed by Rice to occur in most specimens. The Johnson showings are wholly confined to a thick quartz diorite sill with the sulphides pyrite, pyrrhotite and minor chalcopyrite occurring as fine disseminations throughout the very fresh appearing rock. Eight pits had been blasted by Mr. Johnson on a moderate 20° hillside (some vertical scarps) the distribution of which are shown on the enclosed rough sketch. Only 5 pits are shown as Mr. Johnson stated - the others were of little consequence. In general, the pits occur over an area of discontinuous outcrop for approximately 600' and have a vertical range of approximately 80'. Small outcrops can be observed between the pits. In general, the mineralization appears to be confined to the area of the pits as disseminated pods with intervening outcrops virtually barren of visible sulphides. Depositional controls would appear to be crystal settling as no structural controls (other than dry joints) can be observed. The included assays represent approximately 5-8 lb. chip samples of the mineralization in each of the indicated pits. Unfortunately, they are all low in nickel and copper and subsequently no recommendation for acquiring the property was made.

GEOCHEMISTRY

A series of soil samples 38221-38246 collected by Sam Z show only 2 samples anomalous in nickel, one being immediately below the pit and the other further down the road reflecting another possible sulphide occurrence. Geochemical silt assays are included.

Vancouver, B.C.

February 17, 1977

B. Manchuk

A P P E N D I X

700 - 1112 West Pender Street

Vancouver, B.C.

V6E 2S1

CERTIFICATE OF ASSAY

Samples submitted: Oct 13, 1976

Results completed: Oct 18, 1976

R. Johnson

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

MARKED	GOLD		SILVER	Cu	Ni	U					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
P. 12 658 WW MAIN SHOWING	< 0.002			0.20	0.08	-					
" 5 659	-			0.07	0.03	-					
outcrop 660	-			0.02	0.01	-					
P. 18 661	-			0.41	0.11	-					
P. 11 662	-			0.12	0.06	-					
P. 13 663	-			0.09	0.03	-					

Original - Assay Bk.
 1 - JJM-DIR-FILE
 1 - Accounting
 1 - Geologist
 1 - R. Esson

Registered Assayer, Province of British Columbia

Geochemical Report
26-1320

		Cu ppm	Zn ppm	Ni ppm	
	38221	17	60	15	
	38222	26	41	18	
	38223	19	38	14	
	38224	31	50	17	
	38225	18	34	13	
	38226	25	39	14	
	38227	22	32	13	
	38228	15	41	10	
	38229	16	29	10	
	38230	22	66	17	
	38231	32	62	19	
	38232	21	32	11	
	38233	18	37	12	
	38234	18	39	9	
	38235	22	34	10	

Geochemical Lab Report

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SAMPLE NO.	Cu ppm	Zn ppm	Ni ppm
D 38236	23	82	11
38237	28	53	19
38238	420	35	100
38239	32	103	26
38240	44	58	22
38241	22	41	12
38242	254	54	51
38243	27	47	16
38244	20	29	12
38245	15	38	11
38246	16	43	12
38247			

M82F/1W

6

5

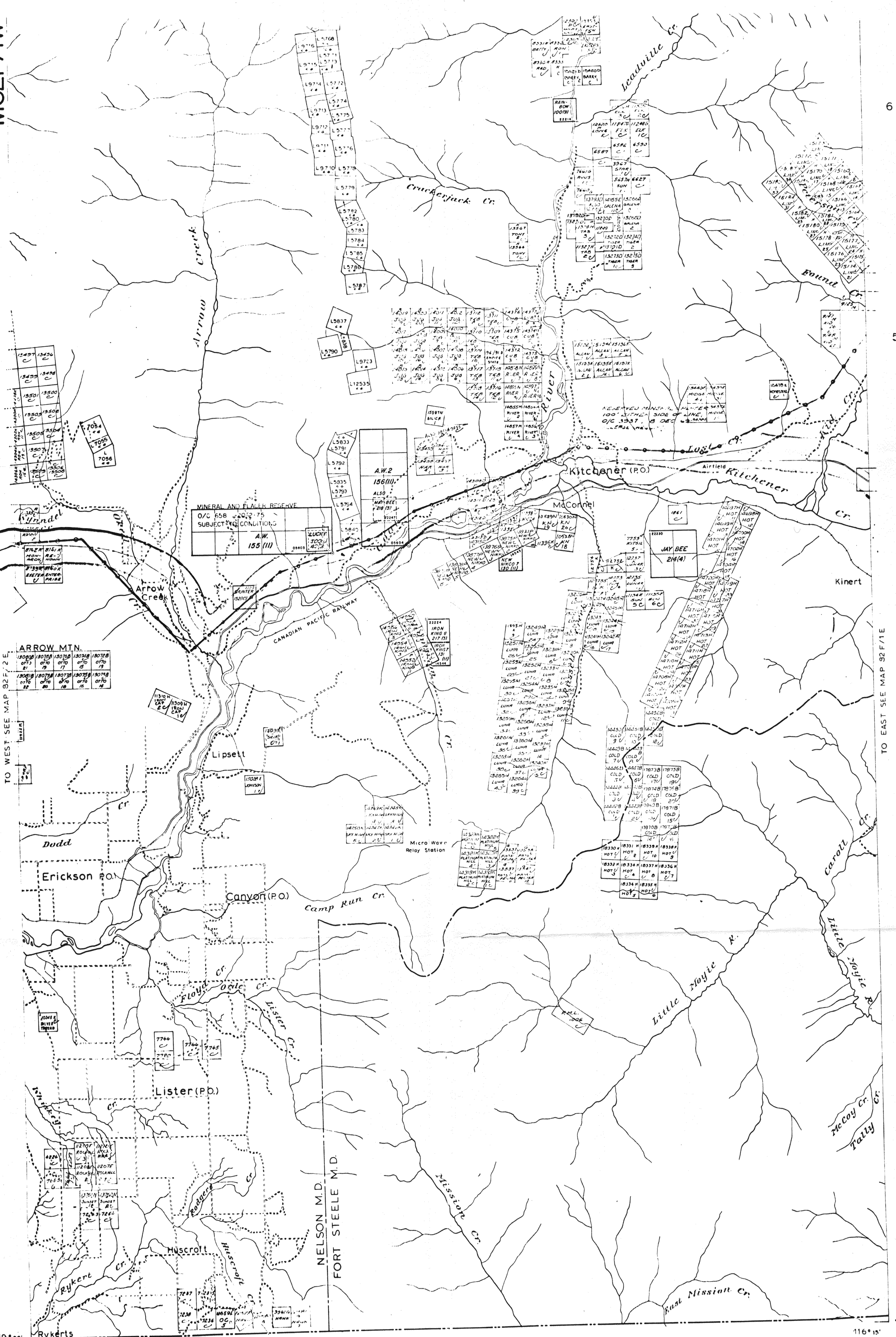
4

3

2

1

49°00'



ARROW MTN.

180208	180209	180210	180211	180212	180213	180214	180215	180216	180217	180218	180219	180220
0770	0771	0772	0773	0774	0775	0776	0777	0778	0779	0780	0781	0782
0783	0784	0785	0786	0787	0788	0789	0790	0791	0792	0793	0794	0795
0796	0797	0798	0799	0800	0801	0802	0803	0804	0805	0806	0807	0808

TO WEST SEE MAP 92 F 2 E

49°00'

116° 30'

International Boundary

116° 15'

DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA, B.C.

For up-to-date information on claims in any area you should

This map is prepared to serve as a guide to the positions of located mineral claims and Placer Mining Leases only. Unsurveyed claims and leases are plotted from locators'

82 F/1W