ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 89.04.06

ASSESSMENT REPORT 17406 MINING DIVISION: Alberni

PROPERTY: Ni

LOCATION: LAT 48 53 22 LONG 124 42 17

UTM 10 5416347 375035

NTS 092C15E

CLAIM(S): Ni 1-3
OPERATOR(S): Lucky 7 Ex.
AUTHOR(S): Mehner, D.

REPORT YEAR: 1988, 29 Pages

COMMODITIES

SEARCHED FOR: Copper, Lead, Zinc, Silver, Gold

GEOLOGICAL

SUMMARY: Mafic to felsic tuffs and flows of the Upper Triassic Karmutsen

Formation are interbedded with mudstone and limestone units. Copper-lead-zinc-silver-gold mineralization occurs in massive sulphide lenses

and along shear zones.

WORK

DONE: Geochemical, Geophysical

EMGR 5.3 km; VLF

Map(s) - 1; Scale(s) - 1:5000

LINE 23.6 km

Map(s) - 1; Scale(s) - 1:5000 SOIL 880 sample(s); CU, PB, ZN, AG, AU

Map(s) - 3; Scale(s) - 1:5000

RELATED

REPORTS: 13706

MINFILE: 092C 061,092C 092

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ASSESSMENT REPORT ON A VLF GEOPHYSICAL SURVEY

AND

FILMED

SOIL GEOCHEM SAMPLING OF THE NI 1, 2 AND 3 CLAIMS

LITTLE NITINAT RIVER AREA
ALBERNI MINING DIVISION, BRITISH COLUMBIA

N.T.S. 92C - 15E

LATITUDE: 480 52 NEULOGICAL BRALDIGIDE: 1240 41' W

1 forest lands

LUCKY 7 EXPLORATION LTD. 308 - 1155 West Pender Street Vancouver, B.C. V6E 2P4

April 1988

David Mehner F.G.A.C. Consulting Geologist

Virbani, Bas

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SUMMARY

The Ni Property is a base and precious metals target located in Karmutsen volcanics 40 kms south of Port Alberni on Vancouver Island. Work on the east side of the property by previous owners in 1979 and 1980 identified massive sulphide mineralization containing significant Au, Ag and Cu values in the Copper Zone and fault controlled mineralization having significant Au, Ag, Pb and Zn mineralization in the Camp Zone. Subsequent soil geochem surveys by Falconbridge Ltd. identified significant Ag, Pb and Zn anomalies on the west side of the property. Since acquiring the property, Lucky 7 Exploration Ltd. has carried out a soil geochem survey west of the Little Nitinat River confirming and defining the soil anomalies identified by Falconbridge Ltd. The work has also identified a zone which appears parallel to bedding, contains coincident anomalous Au, Ag, Cu, Pb and Zn values in soil and strikes SE into the Camp Zone over a 1.3 km distance.

A program of detailed mapping followed by trenching and diamond drilling is recommended to further test this and other anomalies.

INTRODUCTION

The Ni property was optioned in the spring of 1987 by Lucky 7 Exploration Ltd. after a brief examination of surface showings and reviewing the highly encouraging soil geochem results obtained by Falconbridge Ltd. in earlier work.

Between August 14 and September 3, 1987 a soil geochem survey was conducted over the NW part of the property to confirm results from previous surveys and to further define and extend these anomalies.

To facilitate this program the old Falconbridge Ltd. baseline (300°) west of the Little Nitinat River was re-flagged and 18 new lines totalling 23.6 km were put in between the Falconbridge lines at 75 metre spacings.

As part of the program the property was to be prospected and a VLF survey carried out but unseasonably warm, dry weather forced closure of the bush and forced the crew to leave before completing this.

Property work was carried out by Lloyd Addie, Dan Tomelin, Brian Emberley and Rip Herzig. Project planning, supervision and report, preparation was carried out by David Mehner.

LOCATION AND ACCESS

The Ni property is located 40 kms south of Port Alberni, B.C. and 43 kms west of Cowichan Lake along the Little Nitinat River. It is 6 kms north of Nitinat Lake (Plate 1).

Access is provided by logging roads that head south from Port Alberni through the Franklin Camp and down along the Nitinat River or by roads that lead to the Nitinat River from Cowichan Lake. All but a few trails or roads on the property are readily accessible to two wheel drive vehicles.

TOPOGRAPHY AND VEGETATION

The property is situated along the Little Nitinat River (Plate 2) and ranges in elevation from 150m above sea level along the river at the SE corner of the claim group to 760m above sea level at the NW corner (Plate 3). On the west side of the river the slopes range up to 35° with many steeper sections and cliffs further up the hill. The east side of the river has more moderate relief.

Outcrop is relatively scarce except for the extreme NW corner of the claim block and probably averages less than 20% overall.

Vegetation consists of thick stands of fir, spruce and pine with alder along creeks.

Rainfall is heavy in the winter and spring but summers can be very warm and dry.

Water for drilling purposes can be obtained from a number of small creeks or the Little Nitinat River.

PROPERTY AND OWNERSHIP

The Ni claim group is located in the Port Alberni Mining Division, B.C. and is under option to Lucky 7 Exploration Ltd. of 308 - 1155 West Pender St., Vancouver, B.C. The property consists of the following claims:

CLAIM	RECORD NUMBER	UNITS	REGISTERED OWNER		
Ni 1	2184	20	Ron Bilquist	May 23/84	May 23/88
Ni 2	3175	12	Les Allen	April 6/87	April 6/88
Ni 3	3176	1	Les Allen	April 6/87	April 6/88
DEBILLONG	WORK				

PREVIOUS WORK

The first reported work in the area was in 1916 when it's believed the adit 300 metres north of the Camp Zone was driven.

The next major work was in 1967-68 when Belvedere Mines Ltd. carried out geophysical and soil geochem surveys.

Noranda Mines worked the area in 1972-1973 and located several silver-zinc geochem anomalies mainly west of the Little Nitinat River.

In 1978-79 Envoy Resources Ltd. held the property and obtained good gold, zinc, lead and silver values from a couple of showings. Summitt Pass Mining Corp. obtained similarly good results and took the property over in late 1979. They drilled four diamond drill holes (Plate 3), three in the Camp Zone and one, 900 metres to the north before dropping the property.

In 1984 Falconbridge Ltd. optioned the property. They put in 31 km of grid line, geologically mapped the property, conducted a VLF survey and soil sampled the grid at 50 metre intervals. Intermediate soil lines with reduced sample interval spacing were later put in at the NW corner of the Ni claim where sampling had already outlined anomalous zinc, lead and silver values (Hudson and Lear, 1985). Follow-up work in 1985 included further soil and rock sampling in the NW corner of the claims where small sphalerite and galena lenses were found in altered dacites and assays up to 8.45% and 7.31 oz/ton Ag were obtained (Lear, 1986).

Following the merger of Falconbridge Ltd. and Kid Creek Mines the property was returned to its owners.

Lucky 7 Exploration examined the property in the fall of 1986 and optioned it the following spring.

GEOLOGY

i) Regional

The property is located in a NW oriented block of Karmutsen Formation sediments and volcanics of the Middle to Late Triassic, Vancouver Group (Muller, 1981). The Karmutsen Formation, which ranges up to 6,000 metres thick in central Vancouver Island consists of brecciated, massive and pillowed tholeitic ocean

floor lavas with some tuffs and minor interbedded sediments including limestone in the upper 1,100 meters of the section.

To the south early Jurassic, Bonanza Group sediments and volcanics occur. Rocks within this group consist of basalt, andesite and rhyodacite flows, often amygdaloidal, interbedded with maroon and green coloured volcaniclastics.

ii) Property

a) Lithology

Geological mapping of the property was undertaken by Falconbridge geologists in 1984 (Hudson and Lear, 1985). Their work shows the NE and SW portions of the property underlain by a complex assemblage of mafic tuffs and flows interbedded with minor intermediate to felsic flows and tuffs along with limestone and mudstone units. In the central and NW portions of the property where the best potential for mineralization seems to occur intermediate tuffs and flows dominate. Interbedded with them are large lenses of felsic tuffs, flows and limestone.

b) Structure

Bedding measurements throughout the property vary from $090^{\circ}/84^{\circ}$ S in the northeast to $161^{\circ}/63^{\circ}$ W in the central to $110^{\circ}/86^{\circ}$ SW (average readings) in the south. North-south (180° - 190°) faults have been mapped along the Little Nitinat River in the north part of the property and within

200 meters of the River in the southern part of the property.

All rocks within the Ni property have been metamorphosed to low grade greenschist facies. Later argillic alteration which is best developed in felsic volcanics occurs in the west-central part of the property. Intense silicification is reported along some of the larger faults.

c) Mineralization

Mineralization on the property occurs as massive sulphide lenses containing one or more of pyrite, pyrrhotite, chalcopyrite, galena and sphalerite or as shear/fracture zones with pyrite, sphalerite and galena. The Camp Zone (Plate 3) is an example of sulphides occurring along a shear striking 145° dipping SW in a porphyritic volcanic unit. This zone which has seen some drilling has returned highly encouraging results including:

SA	MPLER		LOCATION		OZ/	TON	% Cu	% Pb	% Zn
				(m)	Au	Āg			
J.	Poloni	(1979)	Surface	2.13	0.050	4.86	.22	7.22	10.90
J.	Poloni	(1979)	DDH 79-2	1.34	0.038	2.76	.17	6.87	6.61

The Copper Zone, 350 metres to the south, consists of a 1.5 metre wide block of massive sulphide that has been traced at least 10 metres by Falconbridge Ltd. Assays from here include:

SAMPLER	WIDTH	OZ/	TON	% Cu	% Pb	% Zn
	(m)	Au	Ag			
J. Poloni (19 7 9)	grab	0.051	6.12	5.01	0.16	0.57
Western Mines (1979)	grab	0.020	9.25	6.59	0.03	0.35

GEOCHEMISTRY

i) Soils

A soil geochem survey was conducted west of the Little Nitinat River to confirm the highly anomalous values obtained in earlier Falconbridge Ltd. surveys and to define the limits of the anomalies to the north and west.

A total of 880 samples were collected at 25 metre intervals from 23.6 km of new flagged grid line spaced 75 metres apart. All samples were collected from the "B" soil horizon wherever possible. In the few places where soil was poorly developed or missing, samples were taken of any rock detritus present.

Samples were set to Kamloops Research and Assay Laboratory Ltd. in Kamloops, B.C. where they were analyzed for Cu, Pb, Zn, Ag, and Au. As was only analyzed in 129 samples. Sample preparations include air drying of each sample and sieving through an 80 mesh screen. The minus 80 fractions are analyzed using the following techniques:

Cu, Pb, Zn & Ag: Aqua regia digestion followed by AA finish. A background correction on the AA is applied for Pb and Ag.

As: Aqua regia digestion followed by pyridine extraction.

Au: Fire assay. Bead then digested in aqua regia and finished by

The results of the sampling are listed in Appendix A.

Gold values range to 400 ppb, have a mean of 5.7 ppb and standard deviation of 15.6 ppb. Values of 5 ppb or greater are plotted on Plate 4 with values of 35 and over contoured as anomalous. Most anomalies are isolated spot highs and difficult to interpret but between 350N and 525N on lines 485W to 860W a cluster of these highs suggest this area is anomalous and requires further work.

Silver values are quite high, ranging to 20 ppm and having a mean of 0.8 ppm and standard deviation of 1.8 ppm. Values are plotted on Plate 4 with those of 4.0 ppm or greater contoured as anomalous.

As in previous surveys a NW-SE zone between 150N and 600N on lines 485W to 785W contains a substantial number of anomalous values. Two isolated highs between this anomalous zone and the Camp Zone to the SE occur on lines 35W and 110W.

Lead values are relatively high ranging up to 2690 ppm. The mean is 72.0 ppm and standard deviation 175.7 ppm. Results are plotted on Plate 5 with values of 200 ppm and more contoured as anomalous.

On lines 485W to 860W and 35W to 185W numerous 1 and 2 line wide anomalies strike in a NW-SE direction. Between 300N and 525N a significant anomalous zone can be traced over 375 metres west of line 485W and over 150 metres east of line 185W. The two zones appear to be part of a single larger anomaly which strikes right into the Camp Zone.

A second, significant anomaly occurs on lines 635W and 710W from the baseline to 200N. Its source appears to be separate from the anolalies which constitute the zone striking at the Camp Zone.

Zinc values which are also quite high range to 4320 ppm, have a mean of 145.8 ppm and standard deviation of 258.6 ppm. Results are plotted on Plate 5 and values of 500 ppm and over are contoured as anomalous.

For the most part the Zn anomalies coincide with Pb and occur as 1 to 4 line wide anomalies over lines 35W to 185W and 485W to 860W.

Copper values which range to 385 ppm are fairly low over the area tested. The mean is 15.1 ppm, the standard deviation 21.0 and results of 55 ppm and over are contoured as anomalous on Plate 6.

Anomalies on lines 485W to 635W between 350N and 450N and on

lines 35W to 185W between 325N and 525N may be part of one large anomaly which strikes SE directly toward the Camp Zone.

Arsenic, which was only analyzed on 129 of the soil samples taken ranges to 286 ppm. Results greater than 1 ppm are plotted on Plate 6. No significant anomalous zones are defined although a weak, 2 line wide anomaly exists from 25S to 100S on lines 484W and 560W and 7 values ranging from 24 to 286 ppm plot in a row on line 635W between 475N and 650N.

ii) Rocks

Two rock samples, LANI 1 and 2 were collected and analyzed. The results which are plotted on Plate 3 are as follows:

	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn
LANI 1	360.0	16.4	367	4000	4000
LANI 2	3.0	0.4	18	203	213

GEOPHYSICS

i) VLF

A VLF EM survey using a Crone Radem receiver and the Annapolis MD transmitting station was started but had to be cut short when the bush was closed due to fire hazard conditions. A total of 5.25 line km were run over the NW corner of the property.

The survey results which are recorded as dip angle in degrees are plotted in profile form on Plate 7.

Insufficient data was collected to provide any meaningful interpretation.

CONCLUSIONS

The Ni property covers massive sulphide and shear/fracture zone style sulphide mineralization. On the east side of the Little Nitinat River showings of these styles of mineralization in the Camp and Copper Zones contain significant Au, Ag, Cu, Pb and Zn values.

Soil sampling on the west side of the river has yielded a number of Au, Ag, Cu, Pb and Zn soil anomalies with values of Ag, Pb and Zn being relatively high. These anomalies appear orientated parallel to bedding and agree closely with values obtained in earlier surveys by Falconbridge Ltd.

Most of the anomalous soils for each element analyzed are situated in a broad zone stretching from 350N to 575N on 860W down to 200N to 450N on line 35W. In most cases the highest values obtained for each element are located in this region.

This anomalous zone which has a NW-SE trend strikes toward the Camp Zone on the east side of the river. The distance from the Camp Zone to the NW end of anomalous soil values is 1.3 km.

RECOMMENDATIONS

Detailed geological mapping following by backhoe trenching and diamond drilling should be undertaken to test the anomalous zone.

april 26/88

D. T. MEHNER

ELLOW

REFERENCES

- Hudson, K. & Lear, S.: Summary Report Nitinat Claim PN 100 for Falconbridge Ltd, March 1985.
- Lear, S.: Summary Report Ni Claims PN 100 for Falconbridge Ltd., February 1986.
- Muller, J.E., 1979: Geology of Vancouver Island GSC Open File 463.
- Muller, J.E., 1981: Insular and Pacific Belts; Field Guides to Geology and Mineral Deposits, Calgary 81, GAC, MAC, CGU, 1981, Edited by R.I Thompson and D.G. Cook, pp.316-334.
- Poloni, J.R. Report on the Little Nitinat River Area Property for Summit Pass Mining Corp., November 1979.
- Poloni, J.R. Report on the Diamond Drill Program, 1979-1980, Little Nitinat River Property, for Summit Pass Mining Corp., February 24, 1980.

APPENDIX A

KAMLOOPS RESEARCH B.C. CERTIFIED ASSAYERS

ASSAY LABORATORY 912 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5
LYD. PHONE 372-2784 - TELEX 048-8320 - FAX 372 1112

GEOCHEMICAL LAB REPORT

DAVID MEHNER 104 - 2000 - 31ST STREET VERNON, B.C. VIT 5G9

DATE SEPTEMBER 22, 1987

FILE NO. 6 1755

KRAL NO.	IDENTIFICATION	AU	CU	pp	ZN	PAGE 1 AG	
1	0+25S B/L0+35W		6.0			3.4	
2	0+508					1.2	
3	0+705 B/L0+35W		16.0		50.0		1.0
4	0+25N 5+60W		16.0			0.5	
5	0+50N	3.0		71.0		1.2	
ე ნ	0+30N 0+75N	3.0		86.0		0.9	
7		3.0	18.0				
8	1+00N 1+25N	3.0 3.0	29.0				
9	1+50N						
		3.0			920.0		
10	1+75N	3.0			432.0		
11		3.0				0.9	
12	2+25N	3.0				2.0	
13	2+50N	3.0	≅7.0	290.0	315,0	7.3	1.0
14	2475N	3.0				13.3	
15	3+00N	3.0			218.0		1.0
18		15.O	54.O			5.4	
17	3+50N	40.0	78.0	1356.0		9.6	
18	4+QON	3.0		255.0		20.0	
19	4+25N	25.0	115,0	66.0	320.0	4.5	1.O
20	4+50N	3.0	81.0	45.0	304.0	2.6	1 * O
21	4+75N	3.0		37.0		1.1	1 . O
22	5+00N	3.0	24.0	37.0	93.0	1.8	1.0
ಚಿತ	5+50N	3.0	31.0	130.0	295.0	5.5	1.0
24	5+75N	3.0	17.0	33.0	158.0	1.8	1 . O
25	6+00N	3.0	12.0	31.0	119.0	1.3	1.0
26	6+25N	3.0	6.0	24.0	70.0	0.3	1 . O
27	6+50N	3.0	9.0		45.0	0.6	1.0
:28	6+75N	3.0	6.0	100.0	೭೦೮.೦	0.5	1.0
29	7+00N				49.0		
30	7+25N B/L5+60W					0.6	

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD. GEOCHEMICAL LAB REPORT

	GEOCHEMICAL LAS REPORT FILE NO. 6 1755 PAGE 2 / 4									
	IDENTIFICATION	AU		Вq	ZN	AG				
31	7+50N B/L5+60W	3.0	10.0	35.0	120.0	0.7	16.0			
32	7+75N	3.0	11.0	12.0	82.0	1.1	1.0			
3 3	8+00N					0.4				
34	8-+25N	3.0	10.0	10.0	42.0	0.4	į.O			
35	8+50N	3.0	10.0	10.0	46.0	0.4	1.0			
36	8+75N	3.0	36.0	186.0	368.O	1.6	1.0			
37	9+00N	3.0	65.0	98.0	261.0	1.8	14.0			
38	9+25N	3.0	15.0	11.0	63.0	0.3	1.0			
39	9+50N B/L5+60W	3.0	ಕ.೦	11.0	54.0	0.7	1.0			
40	0+00 B/L485W	3.0	18.0	95.0	199.0	1.0				
41	0+25N	3.0	13.0	88.0	184.0					
4≘	0+50N	3.0	4 . O	15.0	104.0	0.6	1.0			
43	0-+75N	3.0	3.0	5.0	19.0	0.4	1.0			
44	1+00N	3.0	5.0	27.0	198.0	0.2	1.0			
45	1+25N	3.0	9.0	78.0	134.0	1.8	1.0			
4.€	1450N	3.0	6.0	82.0	420.0	0.9	1.0			
47	1+75N	3,0	25.0	209.0	280.0	10.8	1.0			
48	2+00N	3.0	14.0	42.0	102.0	1.2	1.0			
49	2.+254				202.0					
50	2450N	3.0	19.0	127.0	82.0	4.4				
51	2+75N				49. O					
52	3+00N				72.0		1.O			
53	3+25N					2.9	1.0			
54	3+50N					2.1				
55	3+75N				438.0					
56			36.0			4.1	1.0			
57	4+25N	3.0	30.0	74. O	527.0	6.2	1.0			
58	4+5QN	3.0	32.0	128.0	1555.0	3.1	82.0			
59	4+75N	50.0	27.0	166.0	440.0		1.0			
60	5+00N	5.0	22.0	49. O	396.0	1.0	1.0			
61	5+25N	3.0	72.0	59.0	336.0	1.9	1.0			
	E+OON				89.0					
	6+25N				276.0					
64	6+50N	3.0	14.0	110.0						
65	6+75N	3.0	12.0	34.Q	330.0	0.5	1.0			
66	7+00N	3.0	12.0	55.0	710.0	1.6	1.0			
67	7+25N	3.0	11.0	76.0	310.0	0.6	1.0			
68	7+75N	3.0	12.0	25.0	62.0	1.2	1.0			
69	8+00N	3.0	14.0	12.0	49.0	0.3	1.0			
70	8+25N B/L485W	3.0	7.0	10.0	30.0	0.7	1.0			

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	GEOCHEMICAL LAB REPORT										
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KRHL NU.	IDENTIFICATION	UH 		PB	ZN	AG 	AS 	_ .			
7i	0+255 B/L485W	3.0	26.0	96.0	215.0	0.8	24.0				
72	o+5os	3.0	40. Q	134.0		2.6	22.0				
73	0+755	3.0	17.0	19.0	390.0 116.0	1.6	22.0 1.0				
74	1+00S			5.0	23.0	ο, 3	1.0				
75	1+255	3.0	21,0	19.0	110.0	i. O	1.0				
78	1+505	3.0	72.0	30.0	370.0	1.7					
77	1+758	3.0	15.0	17.0	108.0	0.4	$O \cdot I$				
78	2+00\$	3.0	15.0	28.0	112.0	0.6	1.0				
79	24255	3.0	21.0	86.0	258.0	1.2	1.0				
80	2+508 B/L485W	3.0	24.0	42.0	89.0	1.0	1.0				
51	0+00 B/L560W		17.0		294.0	0.4	1.0				
82	0+255	3.0	22.0	40.Q		0.6	1.0				
83	0+508	3.0	22.0 10.0	19.0	·						
84	0+758	3.0	93.0	155.0	963.0		70.0				
85	1+00S	3.0	33.0	33.0	180.0	1.8					
86	1+258	3.0	28.0	26.0	138.0	0.7					
87	1+508	3.0	7. O		3i.0		1.0				
88	1+755	3.0	9.0	11.0	87.0	0.0	i. O				
89	2+005	3.0	24.0	55.0	87.0 350.0 105.0 199.0	1.4	1.0				
90	2+255	3.0	11.0	18,0	105.0	1.1	1.0				
91	2+508 B/L560W	3.0	25.0	51.0	199.0	1.2	1.0				
92	4+50N B/L635W	3.0	35.0	196.0	660,0	3.1	1.0				
93	4 ≁7 5N	3.0	32.0	610.0	1030.0	7. 0	74.0				
94	5+00N	3.0	36.0	106.0	310.0	1.8	48.0				
95	5+25N	75.0		1660.0	435.0	20.0	124.0				
96	5+50N	3.0	14.0	155.0	210.0 810.0	2.7	98.0				
97	5+75N	3.0	26.0	295.0	810.0	14.2	1.0				
98	6+00N	15.0	26.0	136.0	320.O	5.6	286.0				
99	6+25N	3.0	12.0	103.0	200.0	i.9	168.0				
100	6+50N	3.0	22.0	40.0	210.0	1. 1	24.0				
101	6+75N	3.0	5.0	12.0	40.0	0.3	î.O				
102	7+00N	3.0	14.0	14.0	69.0	0.6	1.0				
103	7+25N	3.0	8.0	11.0	60,0	1.0					
104	7+50N	3.0	12.0	≥6.0	72.0 66.0	1.8					
105	7+75N	3.0	16.0								
106	B+00N	3.0	26.0		94.0						
107	8+50N	3.0	29.0								
108	8+75N	3.0	29.0	20.0	92.0	1.2					
103	9∻oon		14.0		88.0	2.3	1.0				
110	9+25N	3.0	12.0	14.0	150.0	0.4	1.0				

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KRAL NO.		AU	CU	PB	ZN	AG	/ 4 AS	
111	9+SON B/L635W	3.0	16.0		113.0	 0. 8	1.0	

KAMLOOPS RESEARCH & ASSAY LABORATORY

LTD.

B.C. CERTIFIED ASSAYERS

912 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE 372-2784 - TELEX 048-8320 - FAX 372 1112

GEOCHEMICAL LAB REPORT

DAVID MEHNER 104 - 2000 - 31ST STREET VERNON, B.C. VIT 569 DATE SEPTEMBER 22, 1987

FILE NO. 6 1761

KRAL NO.	IDENTIFI	CATION	AU	CU	рĘ	ZN		. / 1 AS
1	0+00S	RO+00W	3.0	39.0	120.0	166.0	1.1	46. O
€	0+205		3.0	28.0	48.0	109.0	0.2	1. O
3	0+308		3.0	37.0	50.0	136.0	0.2	1.0
4	0+405		3.0	12.0	17.0	30.0	0.2	1.0
5	0+508		3.0	24.0	14.0	42.0	0.4	1.0
6	0 +6 08	RO+OOW	3.0	29.0	≘8.0	88.0	0.7	1.0
7	0+008	RO+25W	3.0	33.0	289.0	210.0	0.4	1. O
9	0+208		3.0	41.0	1156.0	275.0	1.5	90.O
' ∋	0+308		3.0	34.0	38.0	112.0	0.3	36.0
10	0+405		25. O	16.0	21.0	61.0		1.0
11	0+508		3.0	29.0	38.0	67.0	0.2	1.0
12	0+608	RO+25W	3.0	25.0	60.0	85.0	0.6	1.0
13	0+008	RO+50W	3.0	18.0	26.0	67.0	0.5	1.0
14	0+208		3. O	70.0	11.0	85. O	0.0	1.0
15	0+308		3.0	45.0	52.0	135.0	0.0	1.0
16	0+408		3.0	25.0	58.0	65.0	о. З	1.Q
17	0+50\$		3.0	37.0		82.0	О, З	1.0
18	0+608	RO+50W	70.0	40.0				

IN AU COLUMN 3 INDICATES (SPPB

IN AG COLUMN O INDICATES (.1PPM

IN AS COLUMN 1 INDICATES (2PPM

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

KAMLOOPS RESEARCH B.C. CERTIFIED AGBAYERS

912 LAVAL CRESCENT, KAMLDOPS, B.C. VEC 5P5 PHONE 372-2784 - TELEX 048-8320 - FAX 372 1112

GEOCHEMICAL LAB REPORT

MR. DAVID MEHNER 104-8000-19T STREET VERNON, B.C. VIT 969 DATE SEPTEMBER 9, 1987

FILE NO. G 1727

u, NO.	IDENTIFICATION			PB	ZN	PAGE 1 / AG
1	esn 35W	3.0	13,0		113.0	Q. 4
æ	50N	3. ¢	10.0	13.0	36.0	O. 4
.3	75N	3.0		15.0		
4	1 £ 5 N	3.0		47.0		
5	175%			24.O		
65	SOON	3.0	38. O	90.0	124.0	æ. o
7	225N	3.0	43. Q	488,0	970,0	1.3
B	250N	5.0		1610.0		
9	275N	3.0		203,0		
10	350N			309.0		
1. 1.	375N	3,0	54. Q	473.0	995.0	3.6
12	400N	3.0	35.0	409. Q	580,0	## ###
13	425N			80.0		
14	450N	3.0	17. O	42.0	32.0	0.0
12	475N	3,0		39.0		
15	SOON	3.0		27.0		
1.7	525N	3.0		₩O.O		
18	SEON	3.0		10.0		
1. 3	575N	3.0	27.0	17.0	37.0	o.æ
20	EOON	3.0	ææ, o	11.0	45,0	O. 5
21	625N	3.0		12.0		
æs:	ESON	3.0		11.0		
83	675N	3.0		11.0		
24	700N	3.0		17.0		
25	750N	ತ.೦		65.0		
混色	BOON	3.0	11.0		37.0	
27	925N	3.0		is.o		
28	950N	3,0	19.0	11,0	45.0	0.0
29	975N 35W	100.0		17.0		
30	B/L LiloW	3.0		85.0		

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD. GEOGREMICAL LAB REPORT

No. 140 140 140 140 140 140 140 140 140 140	FILE NO. G 1727 IDENTIFICATION	ារ				PAGE 2 / 5 AG
31	0+25N L110W 0+50N 0+75N 1+00N 1+25N	3. ¢	21.0	15.0	63,0	0.8
32	0.420N	3.0	28.0	38.0	65.0	1.0
33	0475N	3.0	12. O	a7. o	58.0	0.2
34	1 400N	3.0	14.0	31.0	64.0	0. 1
		3.0	16.0	46. O	78.0	0.3
	1+5014	3.0	14.0	44.0	119.0	0.6
	1+75/1	3.0	28.0	86.0	64.0 78.0 119.0 139.0 67.0 71.0 118.0	a. 5
	2400N	3.0	21.0	60.0	67.0	i.2
	化主体は文	3.0	11.0	105.0	71.0	0.6
40		3.0	22. O	103.0	118.0	0.5
41		3.0	26.0	148.0	156.0	1.2
42	3+00N	3.0	38.0	110.0	155.0	8.3
43		3.0	70.0	151.0	150.0	2.2
44		3.0	35.0	84.0	137,0	1.0
45		3.0	24.0	57.0	60.0	a. e
4 5	4+00N	25. O	27. O	313.0	57.0	6.0
47	4+25N	25.0 3.0	89.0	382. O	156,0 155,0 155,0 150,0 137,0 60,0 57,0 481,0	8.1
48	4+50N	15.0	385.0	75.0	45.0 55.0 25.0	3.8
49	4十つ部N	3.0	67.0	18.0	55.0	ō. 3
ទាប	5400N	3.0	11.0	10.0	25.0	0.0
35 t	하수요됐지	an U	97.K. O	5757(3	$Z_{i}(\Omega) = P_{i}$	O 50
52	54-50N	3. O	16.0	14.0	SA.O	O. 35
53	5+75N	3.0	20.0	16. 6	44 0	രംഗ
554	6+00N	3,0	14.0	17.0	33.0	0. i
55	6+25N L110W	3.0	11.0	17.0	37.0	വ 3
55	B/L00 185W	25.o	37.0	563.0	agg.o	1.8
57	河雪 内	3.0	21. O	£.7.0	76. 0	0.7
58	ちらい いんしゅう	15. O	36.0	85.0	144.0	0.3
59	75N	20.0	9.0	19.0	ജങ് വ	o.o
60	100N	35.0	28. o	76.0	210.0	0.4
61	1850	10.0	34.0	71.0	107.0	1.2
68	150N				24.0	
	175N				17.0	
64	SOOM	75.0	8.0	11.0	32.0	
6#	830N	3.0	7. 0	48.0	35. ò	0,0
66	RSON	45.0	37.0	44.0	75.0	1.3
67	275N	3.0	43.0	ສວ. ວັ	753°0	1.1
68	SOON	3.0	43.0	68.0	160.0	ê.ê
69	결혼합시	5,0	54.0	789.0	330.0	
70	350N 185W	3.0	26.0	58.0	62.0	1.6

KAMLDOPS RESEARCH & ASSAY LABORATORY LTD. GEOCHEMICAL LAB REPORT

	FILE NO. G 1727	er Filha (e. 1771).	(2)-Q(\)			HOAGE	3 / 5
KRAL NO.	IDENTIFICATION	AU	СП	gc	ZN	AB	
71	375N 185W	3.0	27.0	505.0	407.0	0.5	
72	575N	3,0	33.0	554。0	179.0	1.5	
73	EOON	3.≎	28. C	38.0	65.0	0.5	
74	62:5N	3.0	18.0	36. O	42.0	0.3	
75	650N	3.0	10.0	10.0	28.≎	ΥQ	
78	680N	3.0	43.0	151.0	309.0	. 0	
77	700N	3.0	52.O	207.0	528.0	1.7	
78	7 <i>6</i> :5N	3.0	32.O	112.0	279.0	1.0	
79	750N	2.0	40.0	151,0	520.0	1.7	
ao	775N	3.0	36.0	145,0	393, Ç	1 . 1.	
٠	BOON	65.0	47.0	134.0	601.0	2.1	
as	色定型N	3. Q	26,0	75.0	184.0	1.5	
83	ason	3.0	9.0	10.0	32.O	0.5	
84	875N	3.0	22.0	10.0	39.0	1.3	
85	900N	3.0	17.0	17.0	48,0	0.4	
36	925N	3.0	18.0	14.0	45.0	0.0	
87	940N	10.0	9.0	14.0	25.0	0.0	
88	975N	3.0	11.0	11.0	31.0	0.0	IN Cock on may
. 89	1000N L185W	15.0	16.0	12.0	35.0	0.1	IN DUSK & May
- 90	400N 195W	3.0	38.0	81.0	170.0	1.9	~-
.91	725N 350W	3.0	24.0	18.0	44, O	0.4	
92	120N 1460W	3,0	20.0	10.0	68.0	0.0	
93	175N	25.0	12.0	10.0	42.0	0.2	
94	EOON	30.0	9.0	9.0	21.0	0.0	
95	RESE	15.0	10,0	5. ర	20. o	0.0	
96	275N	3.0	14,0	15.0	33 % Q	0.0	
97	300N	3.0	12.0	16.0	50. o	0.0	
98	SEEN	3.0	10.0	8.0	34.0	0.0	
99	375N	5,0	9.0	16.0	41.0	0,0	
100	4@SN	15.0	34.0	17.0	49.0	0.0	
1.04	525N	5.0	5.0	5.0	£1.0	0.0	
toa	625N	S.O	9.0	13.0	44.0	0.0	
103	BOOM	3.0	6.0	3.0	12.0	0.0	
104	925N	35.0	7.0	20.0	30.0	0.0	
105	350N	15.0	6.0	12.0	27.0	୍ଦ୍ର 🗘	
106	975N	25.0	7. Q	11.0	29, 0	0.0	
107	10004	15,0	11.0	19.0	39.0	0,2	
1.1	n Drifte	5.0	7.0	10.0	27 , 0	0.0	
109		∴, o	7.0	5.0	23.0	0.0	
110	LICON 1460W	55.O	4.0	5.0	16.0	0.0	

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD. GEOCHEMICAL LAB REPORT

FILE NO. G 1727 PAGE 4 / S						
	IDENTIFICATION	AU	CU	pr	ZN	46
111	1125N 1460W		3.0	12.0	31.0	0.3
112			10.0	7.0	34,0	0.1
. 113	1200N	3.0	6.0	9.0	11.0	Q. O
114	122 5 N	3.0	7.0	9.0 17.0	36.0	
115	1250N	3.0	7.0	24.0	70.0	C. 1
	1275N 1460W	5.0	5. ೦		19.0	0.0
117		3.0	5,0	11.0	#1.O	0,0
118	175N	3,0	6.0	10.0		
119	200N	3.0	8. 0			0.0
120	250N	3.0	7.0	12.0	32.0	0.0
.21	275N	3.0	E. U	17.0		
122	300N		27.0			
123	多思爱特	3.0	5.0	23.0	36.0	0.0
1, 24	350N	400.0	18.0	ನಾಶ.ರ	156.0	
125	375N	3.0	4. Q	15.0	23,0	O. O
186	400N	3,0	8, 0	14,0	20.0	0.0
127	450N	3.0	5.0	1/3. O	25.0	O. O
188	475N	3.0	చ్.ం	10.0		
129	SOON	3,0	6,0			
130	600N	3.0	ಽ.≎	9.0		
131	easn	3. O	5.0	13.0	54.0	O. O
132	700N	3,0		13.0	36.0	
133	725N	Sales Co.	よぶ・ロ	7 July 17	1.0	0.0
i 34	750N	3. O		13.0	37.0	
135	SOON	3.0	5. O	10.0	ea.o	
136	885N	3.0		16.0	温粉* ()	
137	900N	33,0			37.0	
136	975N	3.0	6.0	23.0	134. O	0.0
139	1000N	3.0	ធ. ្		25.0	
140	10≅5N	3.0	4.0		13.0	
141	1020M		3.0	16.0	24.0	
148	1125N 1535W	3.0	9.0 15.0	16.0	24.0	
i43	400N 南南州(460W					0.0
144	450N	\mathfrak{F}_{\bullet}	8.0			0.0
145	550N	3.0		13.0		0.0
146	575N	ತೄ	5.0	18.0		0.0
147	EBON	3.0		\$0 ·		0.0
14.	67514	3.0		12 O		0.0
149	700N	3.0	5.0	5 🕆	20.0	
150	7@5N	3.0	7.0	1 .	35.0	0,0

KAMLDOPS RESEARCH & ASSAY LABORATORY LTD. GEOCHEMICAL LAB REPORT

KREL NO.	FILE NO. 8 1727 IDENTIFICATION	คเม	cu	ps	ZN	PAGE 5 / AG	· 5
- AN	750N	3.0	8.0	13.0	22.0	0.0	
151							
152	フフぢN	3. O	j 6. O	10.0	微生。〇	0.0	
1.53	BOON	3.0	5.0	9.೧	23. O	0.0	
154	825N	3.0	8. 0	6.0	13. O	Q. O	
155	850N	40.0	4.0	10.0	22.0	0.0	
1976	875N \$545W1460W	5.0	\cdot 3.0	7.0	14.0	0.0	

IN AU COLUMN 3 INDICATES (5 PPB

ALL OTHER FALUES REPORTED IN PPM

IN AG COLUMN O.O INDICATES (O.1 PPM

APPENDIX B

STATEMENT OF EXPENDITURES Ni Property, 1987

SALARIES	MI Property, 1967				
DALARIED					
Kip Herzig Dan Tomelin	7 days @ \$110/day (Aug.14-20) 8 days @ \$125/day (Aug.24-28, 30-31,	\$770.00			
	Sept.1)	\$1,000.00			
Brian Emberley	22 days @ \$125/day (Aug.14-28, 30-3) Sept.1-3, 20, 24)	1, \$2,750			
Lloyd Addie	20.5 days @ \$135/day (Aug.14-28, Aug.30-31, Sept.1-4)	\$2,767.50			
David Mehner	5.75 days @ \$230/day (Aug.10, 26, Sept.8,13,14,25, Apr.3,24,25)	\$1,322.50			
TRUCK					
4x4 truck, 22 true Gas	k days @ \$40/day	\$880.00 \$237.95			
EQUIPMENT RENTAL					
Mag and VLF, 20 da	ys @ \$20/day	\$400.00			
GEOCHEM					
	nalyzed for Au, Cu, Pb, Zn, Ag .63; Au - 5.40; Cu @ 1.71; Pb,				
Zn, Ag @ 0.81 e		\$8,980.11			
129 analyzed for		\$451.50			
	Cu, Pb, Zn, Ag (rock prep - \$2.50 ea)	\$24.08			
FOOD & LODGING					
55 man days		\$914.38			
MISCELLANEOUS					
Shipping, telephone, flagging, ferry, etc.					
REPORT PREPARATION					
Sepias and drafting		\$123.00			
Copies of maps, typ	hrug, buosocobarus	\$115.00			
TOTA	AL.	\$21,256.02			

APPENDIX C

CERTIFICATE OF QUALIFICATIONS

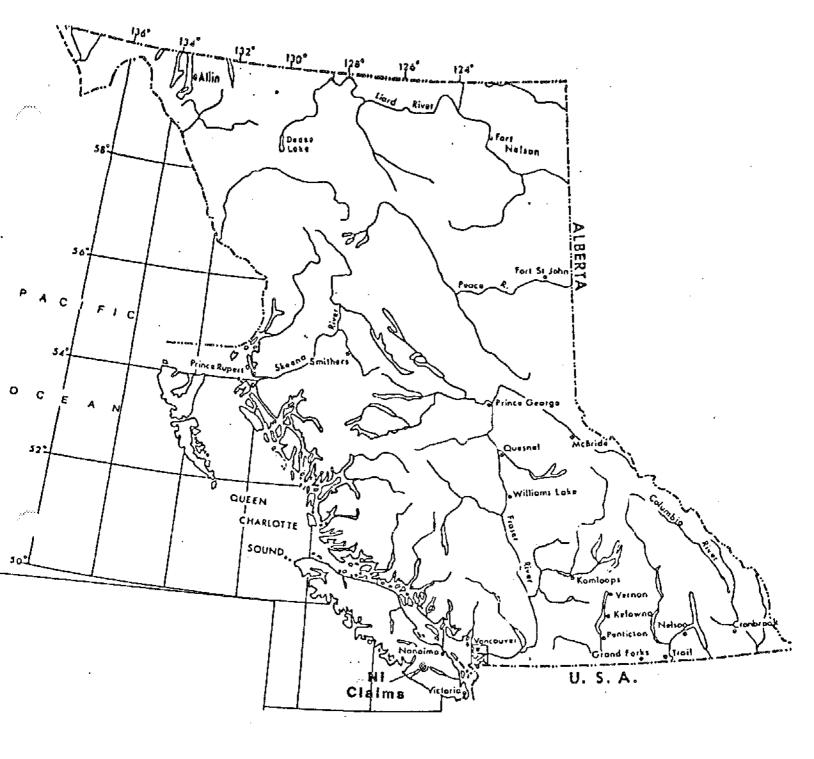
- I, David Mehner, of #104 2000 31st Street in the City of Vernon in the Province of British Columbia, do hereby certify that:
- I am a graduate of the University of Manitoba, B.Sc.Hon. 1. 1976, M.Sc. Geology, 1982.
- 2. I am a consulting geologist and have practiced my profession continuously since 1979.
- I am a Fellow of the Geological Association of Canada. 3.
- 4. During the period August 1987 to September 1987 I supervised and managed the exploration program on the Ni property on behalf of Lucky 7 Exploration Ltd.
- 5. I am a director of Lucky 7 Explorations Ltd.

Dated at Vernon, British Columbia this 26th day of April, AD 1988.

Respectfully submitted,

David T. Mehner, M.Sc., F.G.A.C. Consulting Geologist

David Mehner

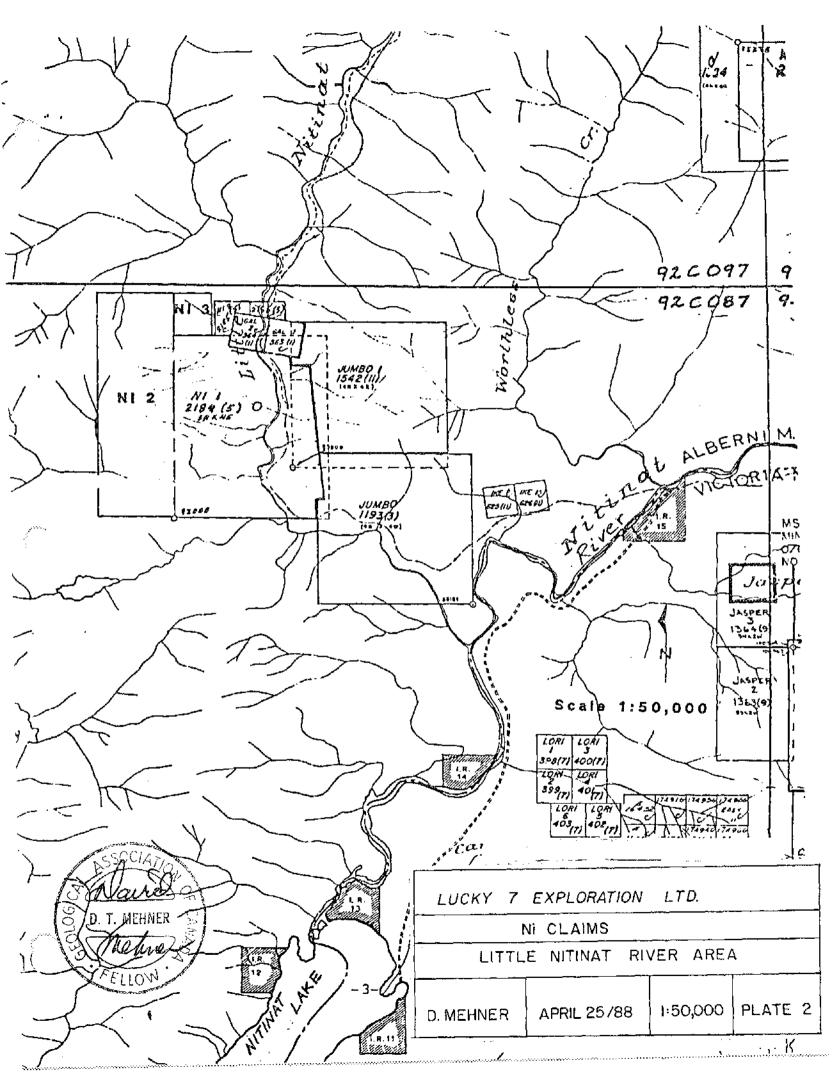


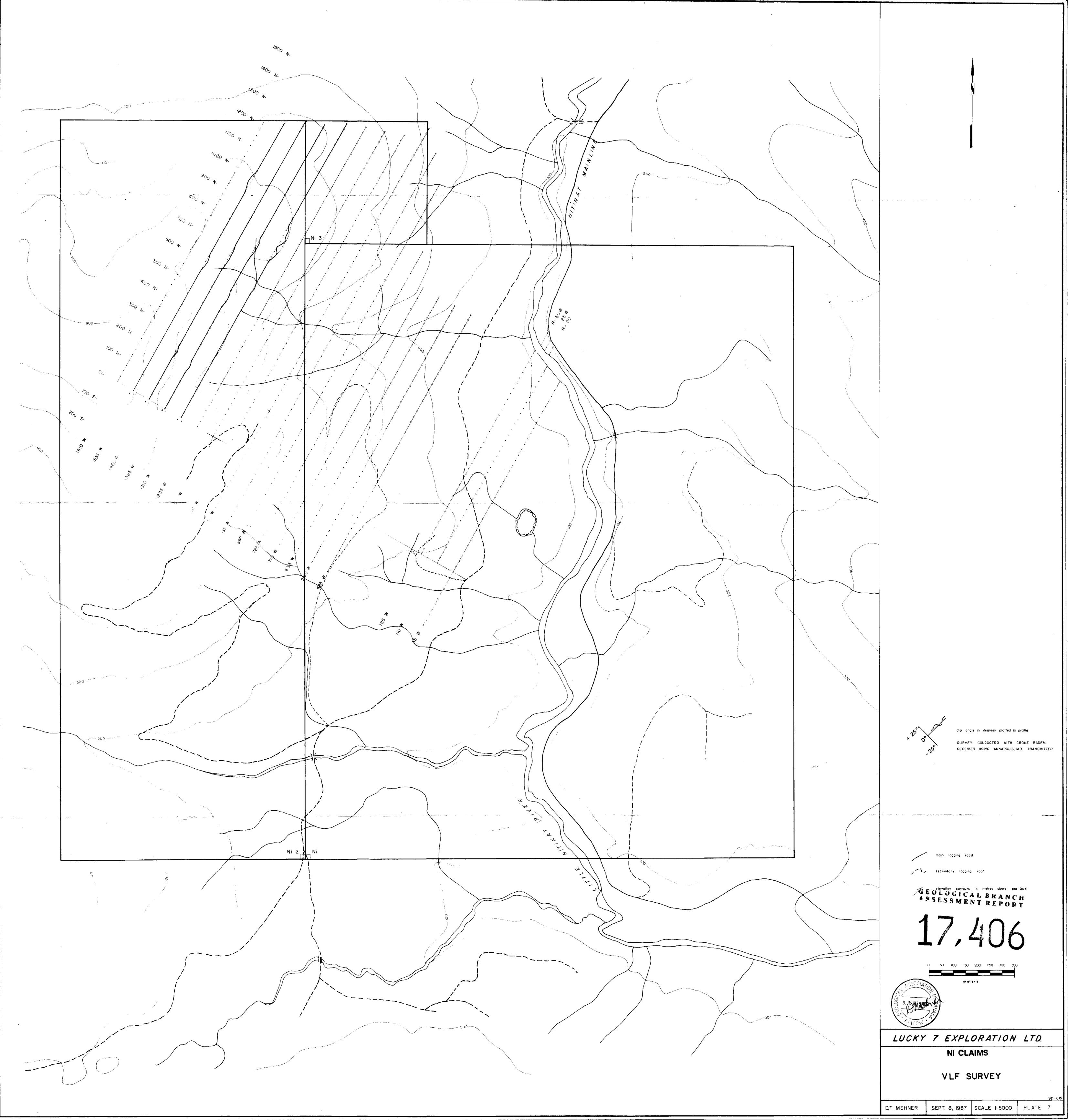


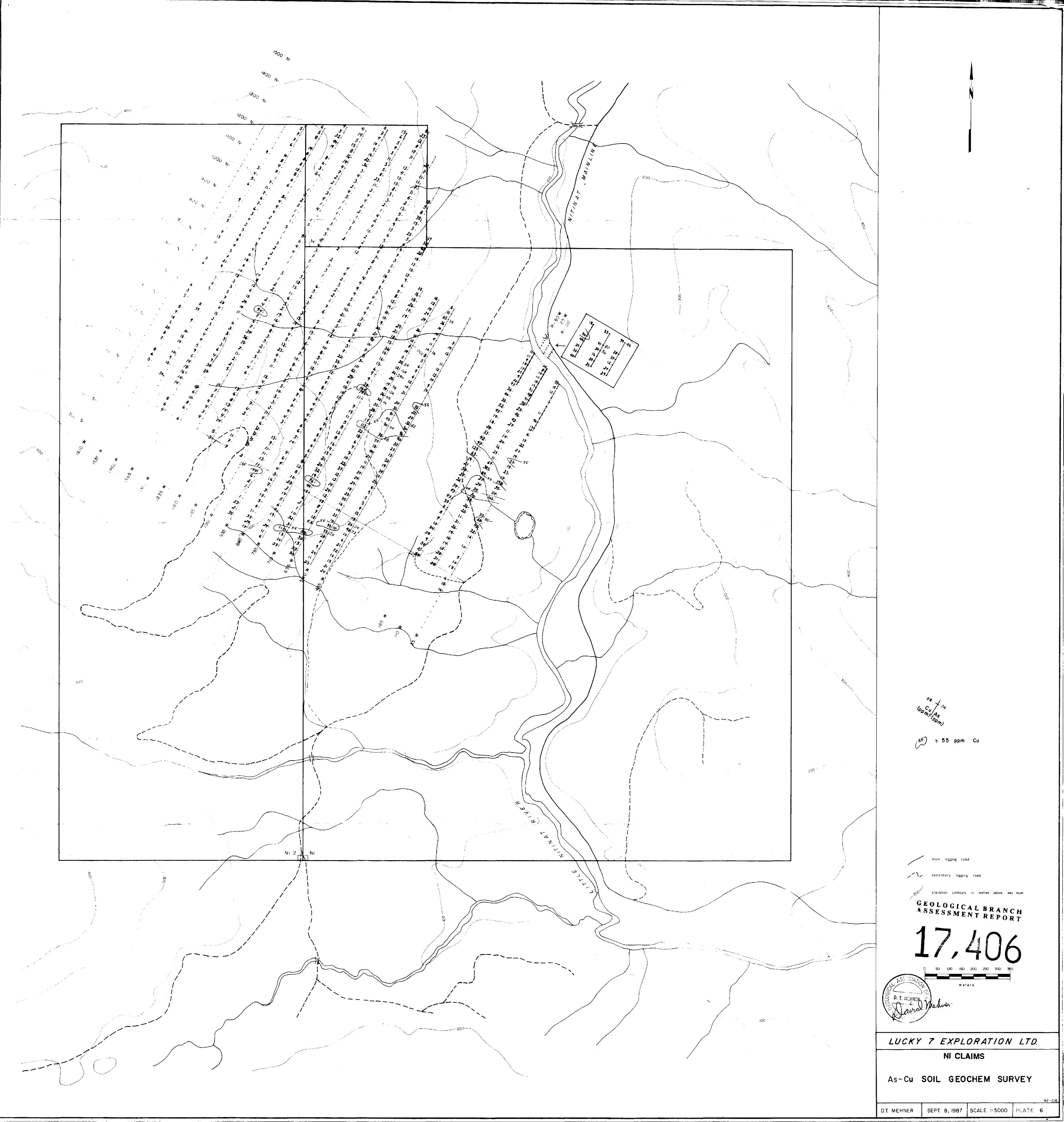
INDEX MAP

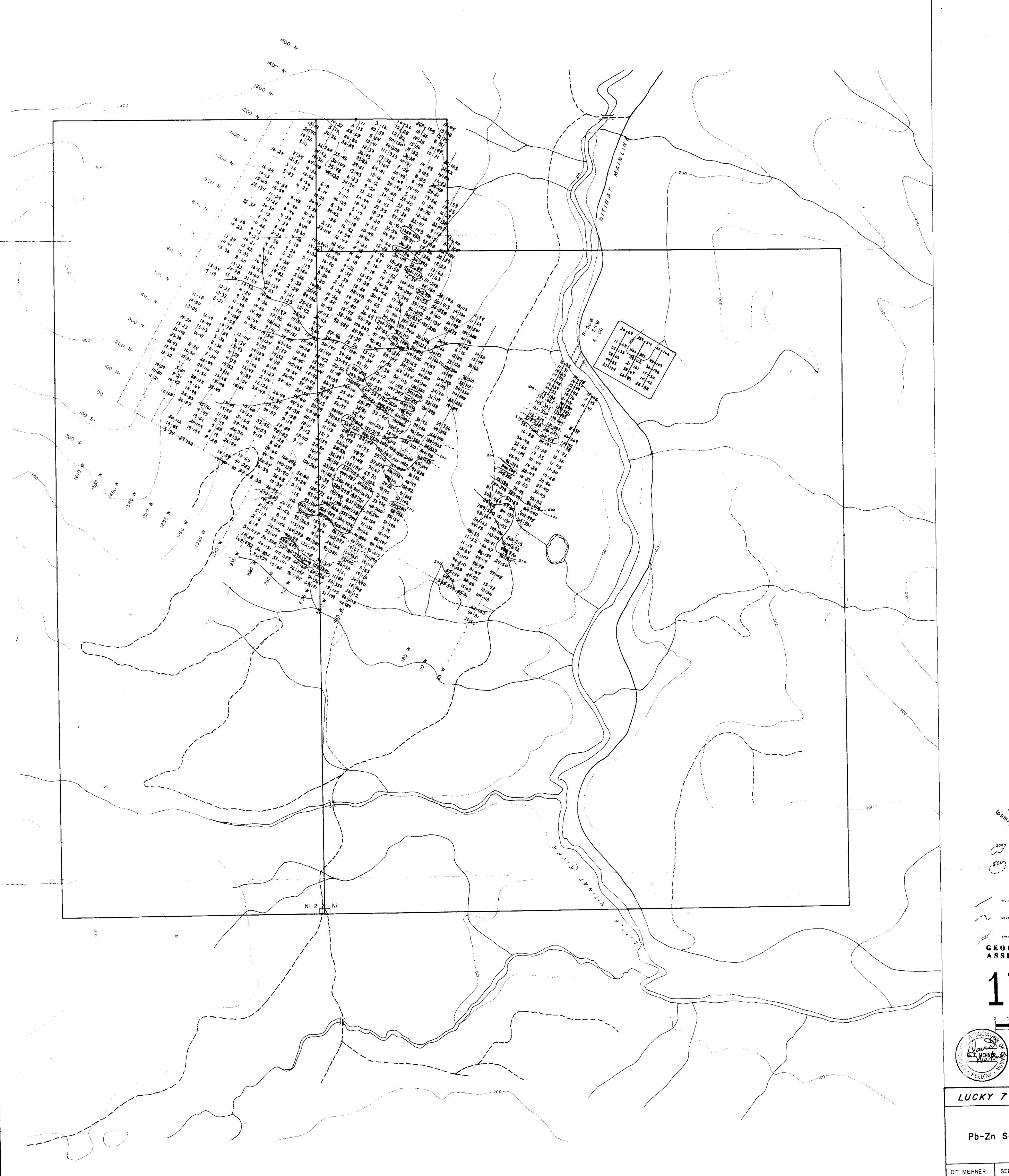
BRITISH COLUMBIA

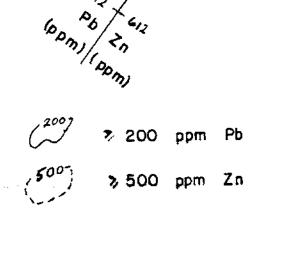
150 O 150 300 450 Km. SCALE I: 7.500.000





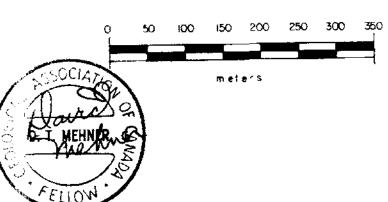






GEOLOGICAL BRANCH ASSESSMENT REPORT

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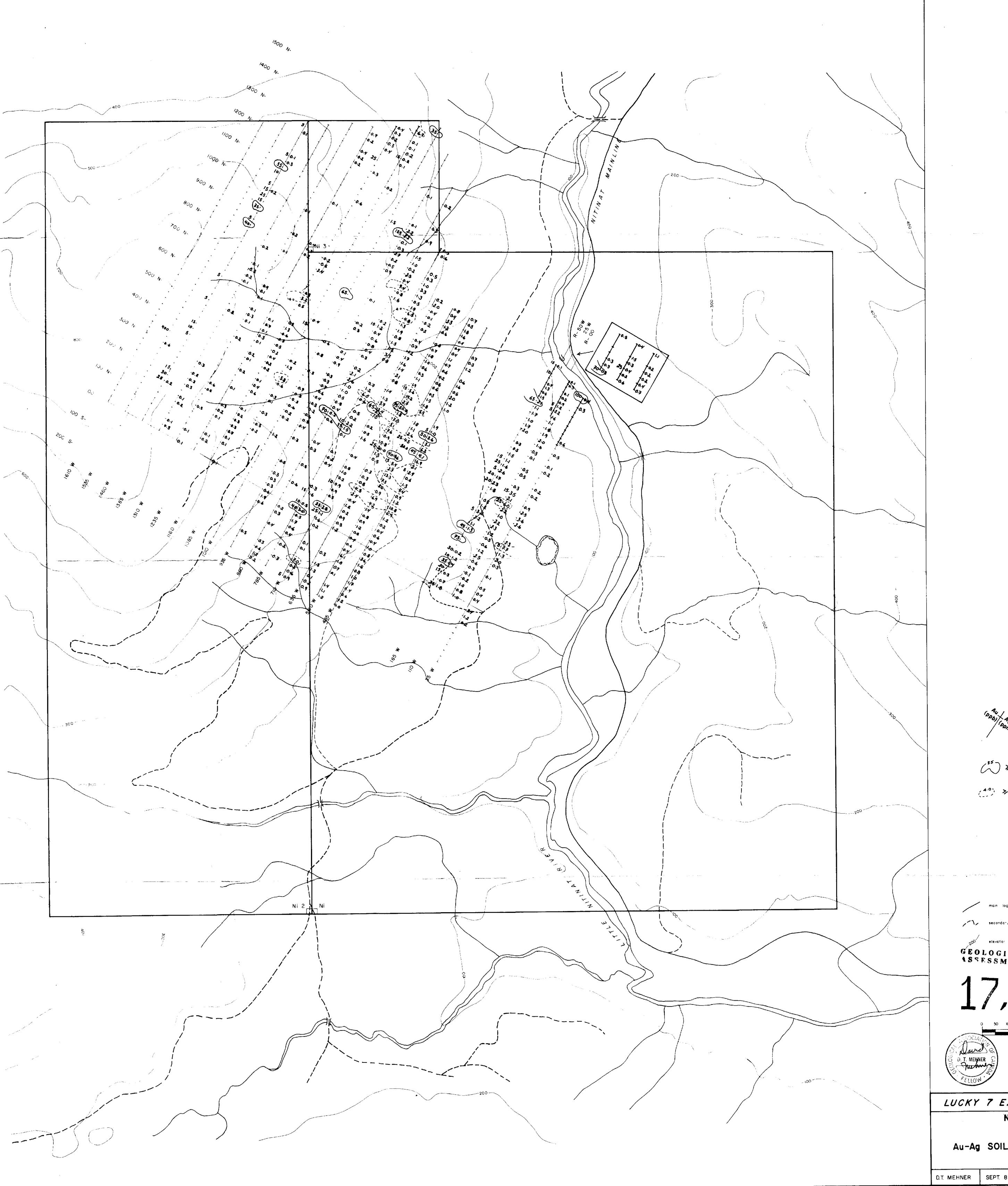


LUCKY 7 EXPLORATION LTD.

NI CLAIMS

Pb-Zn SOIL GEOCHEM SURVEY

MEHNER SEPT. 8, 1987 SCALE 1:5000 PLATE 5





>35 ppb Au

GEOLOGICAL BRANCH ASSESSMENT REPORT



LUCKY 7 EXPLORATION LTD.

NI CLAIMS

Au-Ag SOIL GEOCHEM SURVEY

SEPT. 8, 1987 | SCALE 1: 5000 | PLATE 4

