KERR ADDISON M.

SUMMARY REPORT

ON

DUFFY - TECK OPTION - "O - 15"

INTRODUCTION

Work done by previous owners indicated low gold values in a wide zone of carbonate alteration postulated to be the extension to the west of the Larder Lake "Break".

Work done during the summer, consisting of rock trenching, detailed geological mapping, diamond drilling and magnetic surveying, did not provide sufficient encouragement to recommend additional work and it failed to duplicate the earlier results reported.

PROPERTY

The property consists of 3 unsurveyed claims optioned from Dennis Duffy of Kirkland Lake, L 95492, L 102214 and L 102215, and 11 unsurveyed claims staked by this Company, L 386915 to L 386925 inclusive, totalling approximately 560 acres.

LOCATION AND ACCESS

The property is in the southeast quarter of Teck Township, approximately one mile south of the town of Kirkland Lake. Access can be gained by the old Harvey Kirkland road to the east boundary and by the old Lake Shore tailing line road which crosses the east half of the property.

The west end of the property is accessible by following the disused power line extending from highway # 112 at one mile south of the Y neay the cemetery.

S.H. HINC

OCTOBER 1974

PREVIOUS WORK

The property was formerly owned by Highland-Kirkland Mines Limited, who carried out a program of surface exploration and 3,200 feet of diamond drilling. On claim L 16555, north of claim L 386925, an inclined shaft was sunk to a depth of 100 feet, and 60 feet of cross cutting was done on that level. In 1936 and 1937, Florena Gold Mines did a magnetic survey and 7 drill holes for a total of 7,860 feet were drilled.

In 1965, D. Duffy acquired the two easternmost claims previously held by Florena and also old claim L 6187. These 3 claims cover the best surface exposure of carbonate rocks and Duffy did extensive rock trenching along the north contact of the carbonate.

GEOLOGY

The south boundary of the Temiskaming sedimentary rocks extends east-west close to the north boundary of the property. The eastern claims cover numerous exposures of carbonate rocks with quartz stockworks and veining. These carbonate rocks are in contact to the north with basic volcanic rocks containing narrow interflow iron formations. To the south, the property is underlain by interflow ultrabasic rocks exhibiting spinifex texture and a few remnants of lavas, intruded by syenite, quartz porphyry and lamprophyre dikes and stocks.

The carbonates are localized along the south boundary of the Temiskaming sedimentary rocks and are believed to represent the Larder Lake fault.

WORK DONE

a) Line cutting and chaining
b) Rock trenching
c) Magnetic surveying
d) Geological mapping
e) Diamond drilling

a) Line Cutting and Chaining

A cut and chained line grid was established with base lines running east-west and lines turned off at every 200 or 400 feet apart at 90° to the base line. Total mileage involved was 16.7 miles.

b) Rock Trenching

Three trenches were blasted in the carbonate zone to expose the structural attitude of the quartz veining and to permit accurate sampling of the zone.

	Location	Depth	Width	Length	Cu. ft.
Trench # 1	750E - 650N	4.0'	4.0'	34.0'	544
S. Ext.		2.0'	4.0'	27.0'	216
Trench # 2	900E - 600N	2.0'	4.0'	67.0'	536
Trench # 3	760E - 540N	4.0'	4.0'	45.0'	820
				Total	2116

c) Magnetic Surveying

The east half of the property was covered with an Askania Gfz torsion magnetometer survey, measuring the vertical component of the earth's magnetic field. Readings were taken at every 50 and 100 feet. Total mileage involved is 6.7 miles and 525 stations read.

The background varies from 200 to 300 gammas above the syenites to 500 to 600 gammas above the carbonate rocks. The grey carbonate and the carbonate schists have a magnetic background of 700 to 800 gammas, slightly higher than the green carbonate. The basic volcanic rocks have the same background as the grey carbonate except for an erratic high where the station happens to be read over the iron formation.

Magnetic highs found on L 12E at 400N, on BL 8E and at 400S on L 4E probably represent an underlying flow of serpentinized peridotite.

Other highs of similar magnitude found on L 20W from 15S to 25S also plot over outcrops of peridotite. Another high at 45S on L 20W and L 24W and at 7S on L 22W are in areas of low ground and are interpreted as to represent carbonated and chloritized basic volcanic rocks.

The anomaly at 3N on L 8W could represent the iron formation, usually found north of the carbonate.

Three narrow dikes of lamprophyre are inferred from the magnetic survey done by Florena.

d) Geological Mapping

Of economic interest, the carbonate rocks found near the north boundary of the property were mapped in detail at a scale of 1" = 50' while the area south of the carbonate was mapped at a scale of 1" = 200'.

Prospecting was also carried out and covered the most westerly claims.

A Geological Report by E. Chartre is attached to this report.

e) Diamond Drilling

Three short Winkie holes were drilled on a section extending south from Trench # 1 and one was drilled on Trench # 2. The results are shown on drill sections attached to this report. Total footage involved is 330.2 feet.

CONCLUSIONS

More work is required to obtain a clear picture of the structure in the area, and it appears from the work done to date that the carbonate zones are overlying the older volcanic rocks and could be related to a north-south orogeny. The presence of ultramafic extrusions to the south of the carbonate rocks further infers their association.

The results obtained are not encouraging and on this basis, no further work can be recommended.

October 1974

G. J. Hinse
Resident Geologist

Reference: Tyrrell, J.B., 1911, Report on Mining Claims belonging to the Porcupine Swastika Gold Mining Company

Summerhays, 1920, Report on the Porcupine Swastika Company's Claims with assay reports of hole #'s 1, 2, 3 and 4 attached

- - - - - , 1937, Geomagnetic Survey Report, Florena Gold Mines Limited, with Petrographic Reports attached

Thomson, J.E., 1948, Teck Township and the Kenogami Area, O.D.M., Vol. LVII, 1948 pt. V, pp. 18 - 21, 41 - 42

Savage, W.S., 1964, Mineral Resources and Mining Properties in the Kirkland Lake-Larder Lake Area, O.D.M. MR # 3, p. 33

KERR ADDISON MINES LIMITED

DUFFY - TECK OPTION - "O - 15"

TOTAL EXPENDITURES

Line Cutting and Chaining	
16.7 miles @ $75.00/mile (Phil Blaze Reg'd)	$ 1,254.75
Geological Mapping	
Geologist - 24 days @ $50.00/day	$ 1,200.00
Geologist's Helper - 44 days @ $25.00/day	$ 1,100.00
Room and Board	$ 851.86
Vehicle Rental	$ 90.00
Telephone	$ 27.65
Gasoline	$ 29.84
Assaying	$ 228.00
Diamond Drilling (Winkie)	
Operator - 39 days @ $30.00/day	$ 1,170.00
Helpers - 35 man days @ $25.00/day	$ 875.00
Equipment Purchases, bits, rods, etc.	$ 1,003.19
Gasoline	$ 135.94
	$ 3,184.13
Geophysical Survey	
Operator - 7 days @ $40.00/day	$ 280.00
Operator - 2 days @ $25.00/day	$ 50.00
Gasoline	$ 38.17
Trenching	
Geologist - 3 days @ $50.00/day	$ 150.00
Helpers - 15 days @ $25.00/day	$ 375.00
Plugger Operator - 44 days @ $40.00/day	$ 1,760.00
Gasoline	$ 224.44
Equipment - rods, repairs, parts, etc.	$ 354.49
	2,863.93
Drafting - Office Work - Supervision	
Geologist - 23 days @ $100.00/day (Supervision)	$ 2,300.00
Office Work - 14 man days @ $40.00/day	$ 560.00
Map Printing	$ 45.00
Total	$14,103.33

SUMMARY OF ASSESSMENT WORK

Linecutting and Chaining

Phil Blaze Reg'd.

R. Phillips, Lorrainville, P. Quebec
Period: November 5 to 30, 1973

Rejean Thibault, 70 des Oblats St., Rouyn, P. Quebec
Period: November 5 to 16, 1973

Alcide Thibault, 116 Tardiff St., Rouyn, P. Quebec
Period: November 19 to 30, 1973

Geological Mapping

Edward Chartre, 84 Gatineau Avenue, Noranda, Quebec
Period: May 13, 14, 16, 17, 20 to 24 incl., 27 to 31 incl., June 3 to 6 incl., June 9, 10, 13 and 26 to 28 incl., 1974

Don Burton, 3703 Mississauga Road N., R.R.4, Mississauga, Ontario
Period: May 16, 17, 20 to 24 incl., 27 to 31 incl., June 4, 5, 6, 10, 15, June 17 to 22 incl., 24 to 28 incl., July 10, 11, 12, 15, 16, 18, 19, 25, July 29 to Aug. 1 incl., Aug. 12, 13, 15 and 16, 1974

Diamond Drilling (Winkie)

Michel Plante, 268 Pinder St. West, Rouyn, Quebec
Period: July 8 to 12 incl., 15 to 19 incl., 22 to 26 incl., July 29 to Aug. 2 incl., Aug. 6 to 9 incl., 12 to 16 incl., 19 to 23 incl., Sept. 23 to 27 incl., 1974

Dallas Nairne, 51 St. Leonard Avenue, Toronto, Ontario
Period: July 8 to 12 incl., 15 to 19 incl., 22, 25, 26, July 29 to Aug. 2 incl., Aug. 6 to 9 incl., 12 to 16 incl., 19 to 23 incl., 1974

Don Burton, 3703 Mississauga Road N., R.R.4, Mississauga, Ontario
Period: July 8, 9, and 17, 1974

Geophysical Survey

Bill Maciej, 47 Chadbourne Avenue, Noranda, Quebec
Period: June 21, 22, 24 to 27 incl., July 10, 1974

Don Burton, 3703 Mississauga Road N., R.R.4, Mississauga, Ontario
Period: July 23 and 24, 1974

Trenching

Edward Chartre, 84 Gatineau Avenue, Noranda, Quebec
Period: June 7, 11, 12, 1974

Dallas Nairne, 51 St. Leonard Avenue, Toronto, Ontario
Period: July 23 and 24, 1974

Don Burton, 3703 Mississauga Road, N., R.R.4, Mississauga, Ontario
Period: May 9, 10, 14, 15, 18, June 7, 8, 11 to 14 incl., July 22, Aug. 14, 1974 12

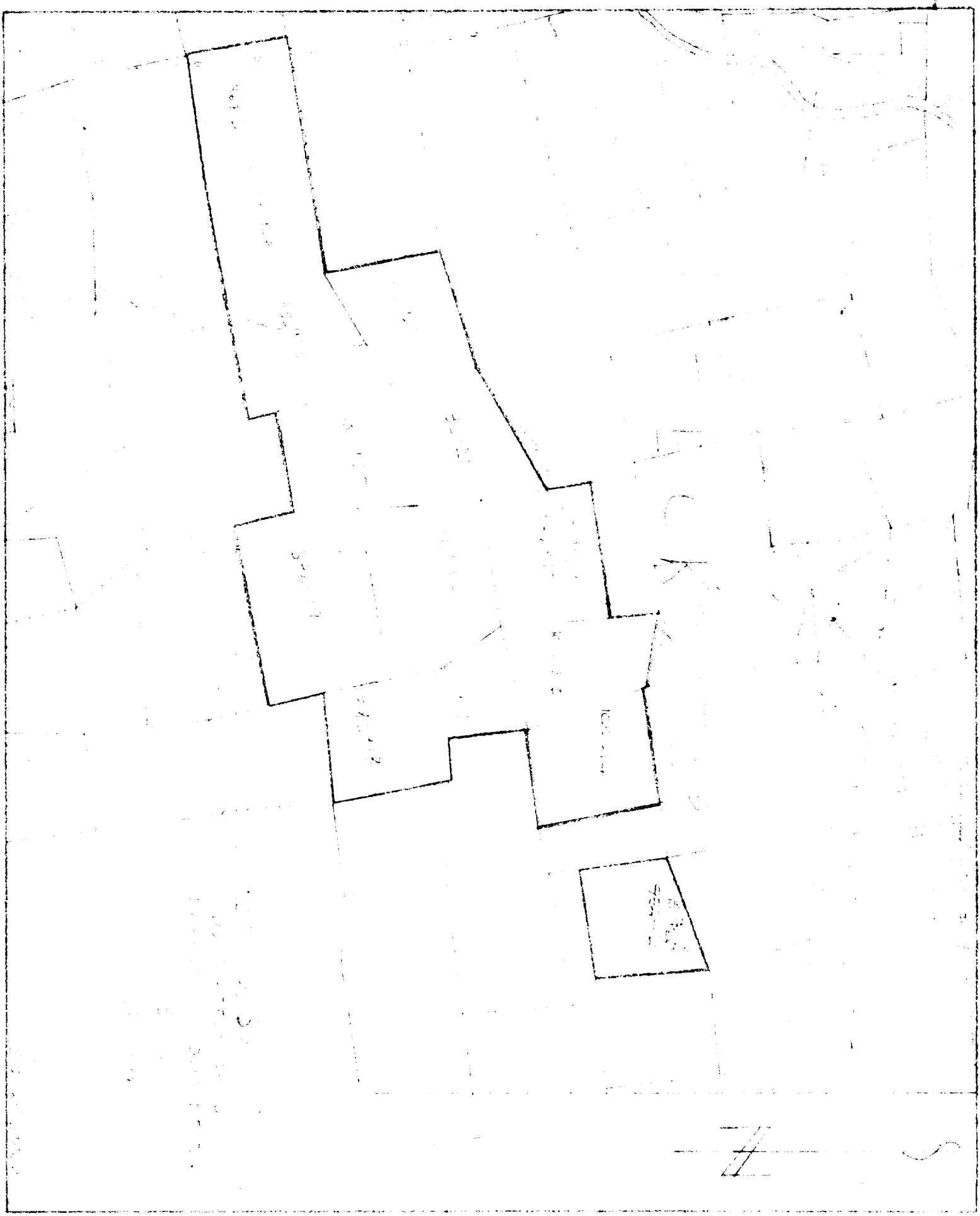
Bill Maciej, 47 Chadbourne Avenue, Noranda, Quebec
Period: May 9, 10, 15 to 19 incl., 21 to 23 incl., 30, 31, June 2 to 8 incl., June 10 to 14 incl., 19, 20, July 11 to 13 incl., 15 to 19 incl., July 22 to 26 incl., 29 to Aug. 1 incl., Aug. 13, 1974 44

Drafting - Office Work - Supervision

Guy Hinse, 71 Tremoy Road, Noranda, Quebec
Period: June 3, 4, 7, 11, 18, July 8, 25, 26, 30, Aug. 7, 8, 9, 15, Sept. 16, 17, Sept. 18, 20, 24, 25, 27, Oct. 1, 2 and 3, 1974

Steve Wichtacz, 70 Chateauguay Avenue, Noranda, Quebec
Period: June 5, 6, 11, 12, 13, 17, Sept. 26, 27, 30, Oct. 1, 2, 3, 1974

Pierre Jeansonne, 84 Gatineau Avenue, Noranda, Quebec
Period: October 2 and 3, 1974



DUFFY - TECK OPTION "0 - 15"

ASSAY RESULTS

Assay #	Location	Results	Details
6601	L 19 W 4 + 25 S	Au - 0.01	
6602	L 18 + 90 W 4 + 05 S	Au - 0.005	
6603	L 19 + 25 W 2 S	Au - Nil	
6604	L 18 + 25 W 2 + 70 S	Au - Nil	
6605	L 17 + 05 W 3 + 70 S	Au - Nil	8' chip sample
6606	L 17 + 35 W 3 + 50 S	Au - Nil	
6607	Trench # 1	Au - Nil	Plugger dust
6608	L 6 E 3 N	Au - Nil	
6609	L 6 E 3 N	Au - Nil	
6610	L 5 + 50 E 4 + 50 N	Au - Nil	
6611	L 5 + 50 E 5 N	Au - Nil	
6612	L 4 + 50 E 5 N	Au - Nil	
6613	L 3 E 5 + 50 N	Au - Nil	
6614	L 3 E 6 + 80 N	Au - 0.005	
6615	L 11 + 50 E 7 N	Au - 0.005	
6616	L 16 W 1 + 50 S	Au - Nil	
6617	L 16 + 50 W 1 + 75 S	Au - 0.005	
6618	L 16 W 1 S	Au - 0.01	
6619	L 16 W 0 + 50 S	Au - Nil	
6620	L 15 + 75 E 0 + 25 S	Au - Nil	
6621	L 13 + 50 W 1 + 75 S	Au - Nil	
6622	L 15 + 50 W 7 + 50 S	Au - 0.005	
[illegible]	Trench # 2 0 - 5'N	Au - Nil	
6626	Trench # 2 5'N - 10'N	Au - Nil	

Assay #	Location		Results	Details
6627	Trench # 2	10'N - 15'N	Au - Nil	
6628	Trench # 2	15'N - 20'N	Au - Nil	
6629	Trench # 2	20'N - 25'N	Au - Nil	
6630	Trench # 2	25'N - 32'N	Au - Nil	
6631	Trench # 1	0'N - 5'N	Au - Nil	
6632	Trench # 1	5'N - 10'N	Au - Nil	
6633	Trench # 1	10'N - 15'N	Au - Nil	
6634	Trench # 1	15'N - 20'N	Au - Nil	
6635	Trench # 1	20'N - 25'N	Au - Nil	
6636	Trench # 1	25'N - 30'N	Au - Nil	
6637	Trench # 1	30'N - 35'N	Au - Nil	
6638	Trench # 1	35'N - 40'N	Au - Nil	
6639	Trench # 1	40'N - 45'N	Au - Nil	
6640	Trench # 1	45'N - 48'N	Au - Nil	
6641	Trench # 1	at 49'N	Au - Nil	
6642	Trench # 1	49'N - 55'N	Au - 0.005	
6643	Trench # 1	55'N - 60'N	Au - 0.005	
6644	L 23 W	37 + 60 S	Au - Tr.	
6645			Au - Tr.	
6646	L 10 W	35 S	Au - Tr.	
6647	Trench # 1	0 - (-5')S	Au - Tr.	Extension to S
6648	Trench # 1	(-5')S - (-8')S	Au - Tr.	
6649	Trench # 3	0 - 5'S	Au - Tr.	
6650	Trench # 3	5'S - 10'S	Au - Tr.	
6651	Trench # 3	10'S - 15'S	Au - Tr.	
6652	Trench # 3	15'S - 20'S	Au - Tr.	

Assay #	Location	Results	Details
6653	Trench # 3 20'S - 25'S	Au - Tr.	
6654	Trench # 3 25'S - 30'S	Au - Tr.	
6655	Trench # 3 30'S - 35'S	Au - Tr.	
6656	Trench # 3 35'S - 40'S	Au - Tr.	
6657	Trench # 3 40'S - 45'S	Au - Tr.	
6658	L 16 W 28 S	Au - Nil	
6659	L 16 W 28 S	Au - 0.005	
6660	L 16 W 16 + 50 S	Ni - 0.01	
6661	L 18 W 16 S	MgO - 46.95	
6662	L 23 + 60 W 40 S	Au - Nil	
6663	L 24 W 40 S	Au - Nil	
6664	L 23 + 30 W 46S	Au - Nil	
4351	L 10 + 05 E 6 + 80 N	Au - 0.05	
4352	L 10 + 45 E 6 + 90 N	Au - Tr.	
	Trench # 2 0 - 10S	Au - Tr.	By C. Donig
	Trench # 2 10S - 15S	Au - Tr.	
	Trench # 2 15S - 20S	Au - Tr.	
	Trench # 2 20S - 25S	Au - Tr.	
	Trench # 2 25S - 30S	Au - Tr.	
	Trench # 2 30S - 35S	Au - Tr.	
	Trench # 2 35S - 40S	Au - Tr.	
	Trench # 2 40S - 45S	Au - Nil	
	Trench # 2 45S - 50S	Au - Nil	
	Trench # 2 50S - 55S	Au - Nil	
	Trench # 2 55S - 60S	Au - Nil	
	Trench # 2 60S - 65S	Au - Nil	

Location		Results	Details
Trench # 1	0 - 5S	Au - Tr.	By C. Donig
Trench # 1	5S - 10S	Au - Tr.	
Trench # 1	10S - 15S	Au - Nil	
Trench # 1	15S - 20S	Au - Nil	
Trench # 1	20S - 23S	Au - Nil	
Trench # 1	23S - 26S	Au - Tr.	
Trench # 1	26S - 29S	Au - Tr.	
Trench # 1	29S - 32S	Au - Tr.	
Trench # 3	0 - 5S	Au - Nil	
Trench # 3	5S - 10S	Au - Nil	
Trench # 3	10S - 15S	Au - Nil	
Trench # 3	15S - 20S	Au - Nil	
Trench # 3	20S - 25S	Au - Tr.	
Trench # 3	25S - 30S	Au - Tr.	
Trench # 3	30S - 35S	Au - Tr.	
Trench # 3	35S - 40S	Au - Tr.	
Trench # 3	40S - 45S	Au - Tr.	

DIAMOND DRILL RECORD

LOGGED BY E. Chartre

PROPERTY Kerr Addison Mines Limited - Duffy Teck Option - "O-15" - Teck Township, Ontario

D.D.H. No. 1 PAGE 1

LATITUDE 5 + 75 N BEARING OF HOLE _____ STARTED July 9, 1974

DEPARTURE 9 + 06 E DIP OF HOLE Vertical COMPLETED July 22, 1974

ELEVATION Trench # 2 DIP TESTS _____ DEPTH 81.0 feet

CLAIM No. L 95492

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Kerr Addison Mines Limited - Winkie Drill

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au
0.0	2.7	Casing.					
2.7	13.9	Green carbonate, weak breccia. Trace pyrite.					
		2.7 - 3.0 - 5 - 10% quartz carbonate stringers.					
		3.0 - 3.5 - quartz carbonate vein.					
		3.5 - 8.0 - 5 - 10% quartz carbonate stringers.	6667	2.7	8.0	5.3'	Tr.
		8.0 - 9.3 - brecciated, 10 - 15% quartz carbonate stringers.	6668	8.0	9.3	1.3'	Tr.
		9.3 - 13.0 - 5 - 10% quartz carbonate stringers.	6669	9.3	13.0	3.7'	Tr.
		13.0 - 13.9 - quartz vein.	6670	13.0	13.9	0.9'	Tr.
13.9	22.5	Green carbonate schist 60° to C.A. 5 - 10% quartz carbonate stringers.	6672	15.0	20.0	5.0'	Tr.
		17.2 - 17.8 - brown carbonate - 3% pyrite.					
22.5	23.5	Brown carbonate, 1 - 3% pyrite.					
23.5	26.0	Green carbonate schist 60° to C.A., 2% quartz carbonate stringers.	6673	20.0	26.0	6.0'	Tr.
26.0	34.0	Brown carbonate, 2% quartz carbonate stringers, 1 - 3% pyrite, foliated, bedded	6674	26.0	30.0	4.0'	Tr.
		60° to C.A.	6676	30.0	34.0	4.0'	Tr.
34.0	37.5	Green carbonate, schistosity 45° to C.A., contorted, 5% quartz carbonate stringers.	6677	34.0	37.5	3.5'	Tr.
37.5	40.8	Brown carbonate, 1 - 2% pyrite, 5% quartz carbonate stringers.	6678	37.5	40.8	3.3'	Tr.
40.8	61.9	Green-grey carbonate (generally less than 5% quartz carbonate stringers), 45° to C.A.	6679	40.8	45.0	4.2'	Tr.

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. 1 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. L 95492

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au
		44.8 - 45.0 - quartz carbonate stringers 80%	6680	45.0	50.0	5.0'	Tr.
		46.3 - 47.0 - 80% quartz carbonate stringers.					
		47.0 - 49.0 - 30% quartz carbonate stringers.					
		50.2 - 50.4 - brown carbonate.					
		At 58.0' 30° to C.A.					
61.9	69.2	Brown carbonate - weakly green locally, 30° to C.A., ½ - 1" angular fragments					
		brecciated in quartz carbonate matrix, less than 1% quartz.					
		At 62.0' - speck chalcopyrite.					
		62.9 - 63.5 - 5% pyrite.					
		67.5 - 69.2 - broken core - rusty, fault zone 45° to C.A.					
69.2	81.0	Chloritized, carbonated volcanic rock, less than 1% quartz, less than 1% pyrite,					
		up to 3% locally, dark greyish-green, well schisted 30 - 45° to C.A. with numerous					
		talc slip faces.					
	81.0	End of Hole.					

DIAMOND DRILL RECORD

LOGGED BY E. Chartre

PROPERTY Kerr Addison Mines Limited - Duffy Teck Option - "O-15" - Teck Township, Ontario

D.D.H. No. 2 PAGE 1

LATITUDE 643 N BEARING OF HOLE _____ STARTED July 22, 1974

DEPARTURE 750 E DIP OF HOLE 90° COMPLETED August 1, 1974

ELEVATION Trench # 1 DIP TESTS _____ DEPTH 72.0 feet

CLAIM No. L 9549?

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

Kerr Addison Mines Limited - Winkie Drill

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au
0.0	10.0	Green carbonate - weakly brecciated, 15% quartz stringers, foliation 45° to C.A.	4866	0.0	3.9	3.9'	Tr
		Section quartz 70 - 90° to foliation.					
		3.9 - 5.0 - 70% quartz carbonate.	4867	3.9	5.0	1.1'	Tr
			4868	5.0	10.0	5.0'	Tr
10.0	12.0	Fault Zone - highly rusted, 50% quartz - 50% green carbonate, foliation 40° to	4869	10.0	12.0	2.0'	Tr
		C.A., less than 1% pyrite.					
		10.0 - 11.0 - lost core.					
12.0	14.2	Brown carbonate schist - 35 - 40° to C.A., less than 1% quartz, 2 - 3% pyrite.					
14.2	18.0	Green Carbonate Schist - 40° to C.A., less than 1% quartz, specks of pyrite,					
		sharp sections, narrow brown carbonate schist with 3 - 5% pyrite.					
18.0	20.0	Grey-brown carbonate schist - 40° to C.A., less than 1% quartz, 10% pyrite.	4870	18.0	20.0	2.0'	Tr
20.0	50.6	Green Carbonate Schist - with 10 - 15% brown carbonate schist in short sections.					
		At 23.0' - 45° to C.A., less than 1% quartz, up to 1% pyrite in brown carbonate					
		schist.					
		At 22.0' - 6" brown carbonate schist, well schisted with a few rusty slips, 45°					
		to C.A.					
		23.6 - 28.3 - contorted green grey carbonate schist, 10% quartz carbonate.	4871	23.6	28.3	4.7'	Tr

DIAMOND DRILL RECORD

LOGGED BY _____

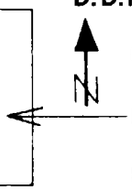
PROPERTY _____

D.D.H. No. 2 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. L 95492

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		35.0 - 38.0 - contorted green carbonate, 10% quartz.					
		At 42.0' - foliation 60°					
		44.2 - 45.0 - brown carbonate schist, 5% pyrite.					
		49.2 - 49.8 - siliceous dike, light pinkish brown, upper contact irregular with several talc 50% chlorite slip faces, lower contact 70°.					
50.6	59.2	Chloritized - carbonated volcanic rock - dark green, well foliated, 50° to C.A., less than 1% pyrite, less than 1% quartz.					
59.2	62.9	Same with 20% narrow bands of iron formation cherty ? - 10% magnetite plus 1% pyrite, 35 - 45° to C.A.					
62.9	72.0	Chloritized - carbonated volcanic rock - dark green, foliated, 55 - 65° to C.A.					
	72.0	End of Hole.					

DIAMOND DRILL RECORD

LOGGED BY G. Hinse

PROPERTY Kerr Addison Mines Limited, Duffy Teck Option, "0-15", Teck Township, Ontario

D.D.H. No. # 3 PAGE 1

LATITUDE 7 + 35 E BEARING OF HOLE STARTED August 1, 1974

DEPARTURE 6 + 20 N DIP OF HOLE 90° COMPLETED August 7, 1974

ELEVATION DIP TESTS DEPTH 47.8'

CLAIM No. L 95492

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Kerr Addison Mines Limited - Winkie Drill

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au
0.0	5.0	Casing.					
5.0	8.0	Quartz vein, milky white, several rusty slips, traces of tourmaline?, pyrite and	23101	5.0	8.0	3.0'	0.02
		green mica. Lower contact appears to be at 90° to C.A.					
8.0	13.3	Breccia zone, 30% green carbonate, 20% grey-black (chlorite) carbonate, brown and	23102	8.0	11.0	3.0'	Tr.
		white quartz fragments in a green and white carbonate matrix, 10% quartz, minor	23103	11.0	13.3	2.3'	Tr.
		pyrite associated with one brownish quartz fragment at 11.3'. Lost core 8.6 - 9.7,					
		fault?					
13.3	17.8	Green carbonate, breccia, 30% quartz, barren, last foot schisted at 55° to C.A.	23104	13.3	17.8	4.5'	0.02
17.8	40.2	60% green and 40% brown carbonate schist, locally brecciated, less than 5% quartz					
		and minor narrow quartz chlorite veins parallel to C.A.					
		At 18.0', 21.2 - 23.6, less than 1% pyrite, predominantly parallel to schistosity					
		at 50 to 60° to C.A. and associated with brown carbonate.					
		19.0 - 19.5 - rusty, broken.					
		Last 5' shows increase in chlorite to about 50% carbonate chlorite schist.					
40.2	43.9	40% white carbonate, 60% dark grey chlorite schist, contorted.					
43.9	45.6	80% brown carbonate, 20% as above, contorted and well schisted at 40° to C.A.,					
		1 - 2% pyrite.					

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. # 3 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

N

CLAIM No. L 95492

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
45.6	47.8	Carbonated volcanic, well lineated at 45° to C.A., medium to dark grey, less than					
		1% pyrite, weakly carbonated.					
	47.8	End of Hole.					

DIAMOND DRILL RECORD

LOGGED BY G. Hinse

PROPERTY Kerr Addison Mines Limited, Duffy Teck Option, "0-15", Teck Township, Ontario

D.D.H. No. # 4 PAGE 1

LATITUDE 7 + 35 E BEARING OF HOLE 90° STARTED August 8, 1974

DEPARTURE 5 + 70 N DIP OF HOLE COMPLETED August 27, 1974

ELEVATION DIP TESTS DEPTH 129.4 feet

CLAIM No. L 95492

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Kerr Addison Mines Limited - Winkie Drill

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au
0.0	4.1	Casing.					
4.1	5.5	Green carbonate, less than 10% quartz, weakly brecciated, barren.					
5.5	6.3	Lost core, fault?, rusty before and after lost core.					
6.3	7.9	Grey carbonate, massive, minor quartz, traces of fine disseminated pyrite.					
7.9	54.2	Green carbonate, weakly brecciated locally, less than 5% quartz, contorted and well schisted at 50° to C.A. Contains narrow sections rich in chlorite. Less than 1% pyrite to 5% locally.					
		43.0 - 44.2 - brown carbonate, barren, 1/8" quartz tourmaline at 43.0'.					
		47.2 - 54.2 - grey-green finely brecciated and speckled with white carbonate and black mineral, less than 10% quartz, barren.					
54.2	55.0	Brown-green carbonate, 60% quartz.	23105	54.2	55.0	0.8'	Tr.
55.0	58.4	Brown carbonate, less than 5% quartz, massive, poorly lineated at 60° to C.A., traces of fine pyrite and arsenopyrite?					
58.4	84.6	Green carbonate schist and 20% brown carbonate, well lineated 55° to C.A. First 3.3' speckled as 47.2 to 54.2'.					
		78.3 - 79.6 - grey-brown carbonate, 10% quartz, 10% fine pyrite and arsenopyrite, weakly brecciated.	23106	78.3	79.6	1.3'	Tr.

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. # 4 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

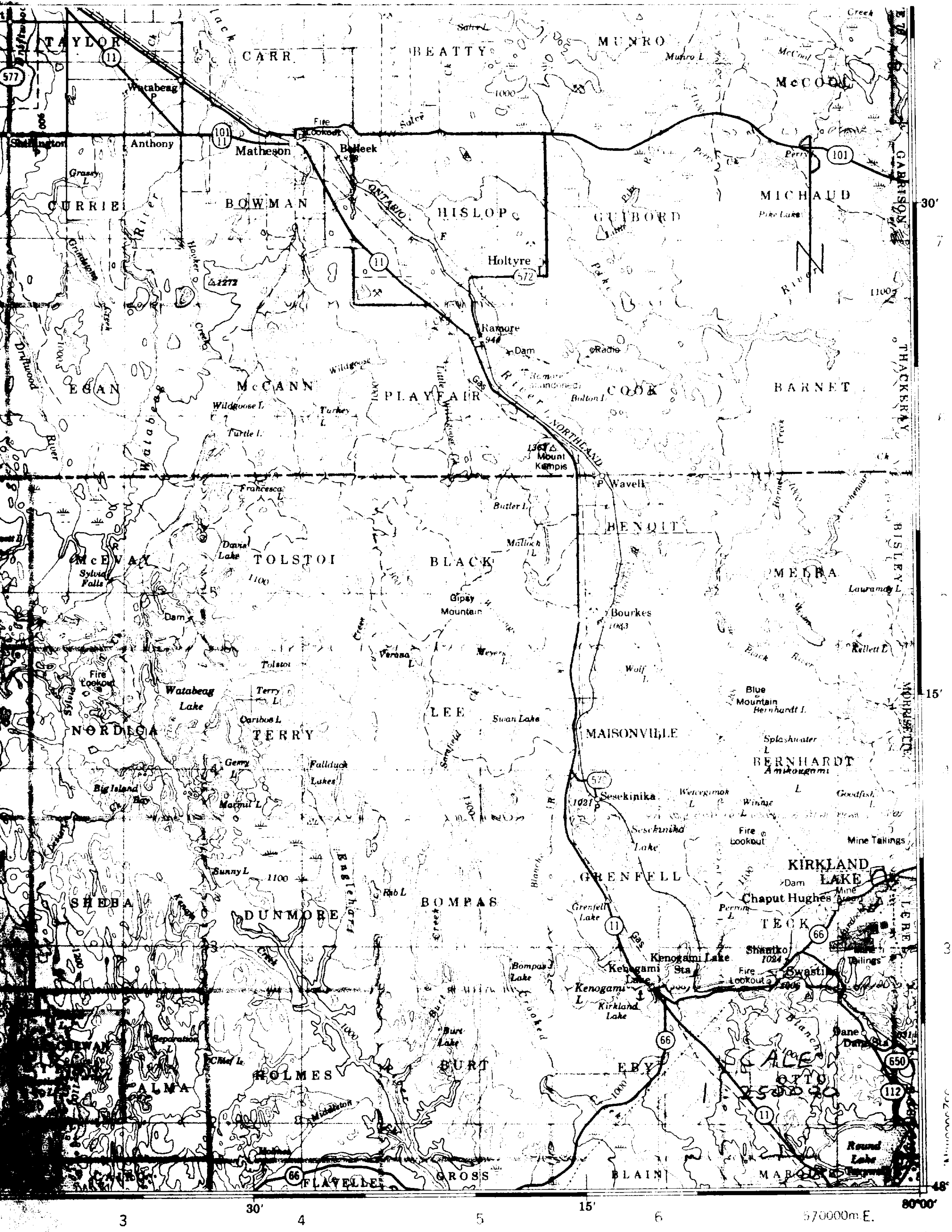
ELEVATION _____ DIP TESTS _____ DEPTH _____

N

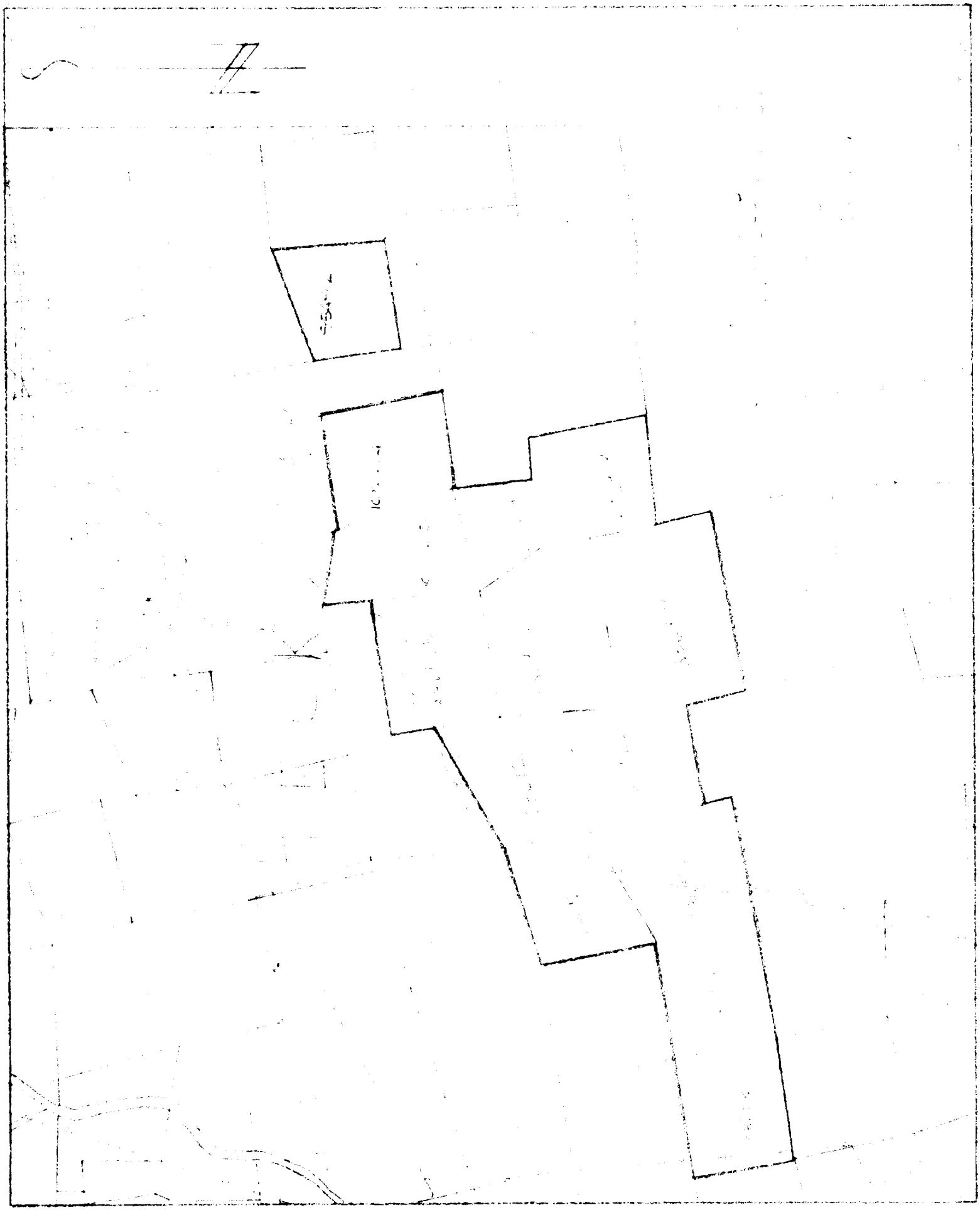
CLAIM No. L 95492

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au
84.6	96.8	Carbonate-chlorite schist, 45° to C.A., contorted, minor quartz and narrow green					
		carbonate sections, barren.					
		90.4 - 91.5 - 1 - 3% pyrite in a weakly carbonatized chlorite.	23107	90.4	91.5	1.1'	Tr.
96.8	103.0	Carbonate-chlorite-quartz breccia, over 70% quartz, barren.	23108	96.8	103.0	6.2'	Tr.
		101.3' on - quartz decreases gradually to less than 10%.					
103.0	129.4	Green carbonate, contorted, lineated locally at 60° to C.A., contains short					
		sections of chlorite with 1 - 3% pyrite, less than 10% quartz.	23109	112.9	113.4	0.5'	Tr.
		At 129.0' - schistosity 70° to C.A.					
	129.4	End of Hole.					



TAYLOR
CARR
BEATTY
MUNRO
Munro L.
McCool
McCOOL
Watabeag
Matheson
Anthony
Fire Lookout
Belleek
ONTARIO
Perry Ck
Perry
MICHAUD
Pike Lake
CURRIE
BOWMAN
HISLOP
GUIBORD
Holtyre
Ramore
Dam
Radio
Bolton L
EGAN
McCANN
PLAYFAIR
COOK
BARNET
Wildgoose L
Turtle L
Turkey L
Mount Kempis
NORTHLAND
Wavell
Francesca L
Butler L
BENOIT
Davis Lake
TOLSTOI
BLACK
Mulloch L
McEVAY
Sylvia Falls
Gipsy Mountain
Bourkes
MELBA
Lauramay L
Kellett L
Dam
Verona L
Meyers L
Tolstoi
Wolf L
Watabeag Lake
Terry L
Blue Mountain
Bernhardt L
Caribou L
LEE
Swan Lake
NORDICA
TERRY
MAISONVILLE
Splashwater L
BERNHARDT
Amikougami
Fallduck Lakes
Big Island Bay
Sesekinika
Goodfish L
Fire Lookout
Mine Tailings
Sesekinika Lake
Sunny L
KIRKLAND LAKE
Dam
GRENFELL
Chaput Hughes
SHEBA
DUNMORE
Englehart
Rab L
BOMPAS
Grenfell Lake
TECK
Kenogami Lake Sta
Shaniko
Swastika
Tailings
Bompas Lake
Kenogami Lake
Fire Lookout
Kenogami L
Kirkland Lake
Separation
Dane
Chief L
Burt Lake
HOLMES
BURT
EBY
OTTO
ALMA
Round Lake
FLAVELLE
GROSS
BLAIN
THACKERAY
GARRISON
BISLEY
MORRISETTE
LEBEL
30'
15'
80°00'
570000m E.
3
4
5
6



GEOLOGICAL

ON

DUFFY - TECK OPTION - "Q - 15"

INTRODUCTION

Most of the geological work done on this property was concentrated in the area where carbonate rocks are found to outcrop, and consequently mapped in detail at 1" = 50'. The area south of the carbonate was mapped at 1" = 200' while the most westerly claims were only prospected. Rock trenching was also done at three locations to permit a better exposure of the attitude of the quartz veining associated with the green carbonate and also to provide material for sampling. A total of 91 samples were assayed for gold. The results to date are not encouraging and failed to dulpicate those obtained by previous operators. Other assays of technical interest were also submitted and are still awaited.

CARBONATE

A carbonate horizon, approximately 700 feet in width, bounded to the north by Temiskaming sedimentary rocks and basic volcanic rocks, and to the south by peridotite and syenite, occurs in the northern part of the property. The zone trends generally east, northeast and has been observed for a length of 7000 feet on the claim group under consideration.

This rock unit has been intensely folded and fractured, and its inherent chemical reactiveness has permitted a variety of facies with particular characteristics. The carbonate rocks are described under the following headings: Bedded Carbonate, Grey Carbonate, Green Carbonate or Mariposite-Rich Carbonate and Dark Carbonate or Carbonated Basic Volcanic Rocks.

All carbonates are intensely weathered to a depth of ½ to 1 inch with a resulting gossan like capping.

Bedded Carbonate

This type is characterized by the presence of distinct bedding; fresh exposures are coloured light grey or light greyish pink to light greyish green depending on the quantity of mariposite present. It contains essentially grey carbonate, 0 - 10% mariposite and 1 - 5% pyrite; foliation parallel to bedding is good. Narrow quartz stringers are present, large quartz veins are usually absent. This type of carbonate is the most abundant in the area under study.

Grey Carbonate

Usually massive and silicified, poorly foliated and locally brecciated, this rock type contains essentially grey carbonate; mariposite occurs as a minor constituant, pyrite is locally abundant and decreases with increasing quantities of mariposite.

Mariposite Rich Carbonate

This type is characterized by its vivid green colour on fresh exposures. This colour is imparted by the presence of mariposite.

Pyrite is rare, occuring only near quartz veins. This rock unit contains abundant quartz stringers usually parallel to foliation which in turn is approximately 40 - 60° to an easterly trending horizon. Foliation is weak to poor and highly contorted. A thin section was made to identify some fine black opaque minerals usually associated with this carbonate and it is believed that it is a chrome mineral with a ring of green mica.

Dark Carbonate

This rock type is characterized by its high percentage of chlorite, talc, serpentine, white carbonate and is probably an altered volcanic rock, or an altered peridotite. Foliation, usually contorted, is good to excellent.

Pyrite and quartz are usually absent.

LAMPROPHYRE

Narrow dikes of lamprophyre occur in the east central part of the property and are also inferred from the magnetic survey. Where observed, the lamprophyre contains 30 - 40% white and pink feldspar, 30 - 40% biotite and 20 - 40% white carbonate plus minor magnetite and pyrite.

SYENITE

Multiple intrusions of small to large irregular stocks and dikes of syenite occur throughout the area under study.

Generally very fine grained with weak porphyritic texture, the syenite is often aphanitic. Its usual colour is brick red to pink or peppered dark green.

Pink feldspar is the main mineralogical constituant of this rock type. Chlorite is sprinkled throughout and constitutes 5 - 10% of this syenite. Pyrite is a persistant secondary mineral and ranges from 1% to 10% in mineralogical composition.

The syenite is intensly fractured, minute hair like fractures and gashes are very numerous; the quartz filling these openings constitutes 5 - 15% of the rock. Quartz veins are common.

Inclusions of country rock are abundant; partial digestion of these is evident by the darker coloured syenite in close proximity to the inclusions.

PERIDOTITE

Several outcrops of spinifex textured serpentinized peridotite are found south of the carbonate horizon. Where exposed, the serpentinites

are dark grey and exhibit good chicken track texture produced by skelettal tremolite actinolite plates. The rock is usually massive and no pillow structures were observed. One typical analysis returned 0.01% nickel and 46.95% MgO, thus indicating that the flow probably represents the base of the extrusion.

CLASTIC SEDIMENTARY ROCKS

Finely bedded shales, sandstones and conglomerate alternate in varying thicknesses in the north central part of the claim group immediately north of the carbonate horizon, as exposed on a few outcrops.

Possibly shale or tuff occurs with the iron formation in the northeastern part of the property.

Tuff Breccia

A narrow horizon of cherty rock occurs within the carbonate horizon close to its northern limit. This rock has a dark grey brittle matrix with lighter coloured angular fragments.

Andesite

Dark green, aphanitic massive rocks occur north of the carbonate horizon. It is relatively unaltered, devoid of quartz veins and pyrite.

Iron Formation

Multiple narrow bands of chert interbedded with pyrite rich layers occur in the northeastern part of the claim group immediately north of the carbonate horizon. Secondary quartz veins and pyrite are abundant.

TECTONIC AND STRATIGRAPHY

The claim group covers several important structures related to the geology of the Kirkland Lake area. These were not considered to be important

to this project and no efforts were made to outline them. The carbonate horizon appears to overlie unconformably the basic volcanics and to be related to a north, northeast striking structural deformational period comprising folding and faulting, and probably extrusion of interflow serpentinites. Only skimpy evidence is available and the general stratigraphic attitude of the carbonate could also be the result of north south structural deformation that could be attributed to faulting.

ECONOMIC GEOLOGY

Drilling by Florena Gold Mines on claim T 15753, now L 102215, indicated in two drill holes low gold values across substantial widths. Sampling on surface of all material thought to be gold bearing in this area failed to return any encouragement. On claim 1356, now L 386916, hole # 1, drilled also by Florena returned 0.04 oz. of gold over 165 feet. This gold bearing horizon does not outcrop on surface and could not be checked, although the adjoining host rock was sampled and failed to return any values. Of further economic interest, the green carbonate zone found on claim L 95942 did not return any value in gold, either in the trenches or in the drill holes, with the exception of hole # 3 which returned two assays of 0.02 oz. of gold per ton as the best results.

CONCLUSIONS

The work done has eliminated the best possibilities of the property and no further work is recommended.

October 1974

E. Chartre

2.1415

Ministry of Natural Resources
Ontario

Lands Administration Branch

Projects Unit

42A01NE0212 2.1601 TECK

900

Recorded Holder
Mr. Dennis Duffy and Kerr Addison Mines Limited

Township or Area
Teck Township

Type of survey and number of Assessment days credit per claim	ASSAYING
Geophysical	Diamond Drilling and Trenching location of (4) Drill holes and (3) Trenches L. 95492
Electromagnetic _____ days	
Magnetometer _____ days	Amount expended on assaying samples: 112.00 + 228.00 = $340.00
Radiometric _____ days	
Induced polarization _____ days	Total assessment days credit allowed = 22.7
Section 86 (18) See across days	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	

Notice of Intent to be issued:

☐ Credits have been reduced because of partial coverage of claims.

☐ Credits have been reduced because of corrections to work dates and figures of applicant.

☐ No credits have been allowed for the following mining claims as they were not sufficiently covered by the survey:

_____

_____

_____

_____

_____

The above mining claims may be grouped under Section 85 (6) of The Mining Act, for the purposes of recording the work credits of 22.7 days.

Approved - August 28, 1975

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40;

Form LA. 101 (10/74)

Ministry of Natural Resources
Ontario

Lands Administration Branch

Projects Unit

Technical Assessment Work Credits

File 2.1601

Recorded Holder: Mr. Dennis Duffy & Kerr Addison Mines Limited

Township or Area: Teck Township

Type of survey and number of Assessment days credit per claim	Mining Claims
Geophysical	L. 95492
Electromagnetic _____ days	102214-15
Magnetometer 17 days	386916 to 19 inclusive
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) _____ days	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	

Notice of Intent to be issued:

☒ Credits have been reduced because of partial coverage of claims.

☐ Credits have been reduced because of corrections to work dates and figures of applicant.

☒ No credits have been allowed for the following mining claims as they were not sufficiently covered by the survey:

L.386915

386920 to 25 inclusive

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40;

Form LA. 101 (10/74)

Ministry of Natural Resources
Ontario

Lands Administration Branch

Projects Unit

Technical Assessment Work Credits

File 2.1601

Recorded Holder: Mr. Dennis Duffy And Kerr Addison Mines Limited

Township or Area: Teck Township

Type of survey and number of Assessment days credit per claim	Mining Claims
Geophysical	L. 95492
Electromagnetic _____ days	102214-15
Magnetometer _____ days	386915 to 25 inclusive
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) _____ days	
Geological 40 days	(Linecutting credits are included in this assessment)
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☐	

Notice of Intent to be issued:

☐ Credits have been reduced because of partial coverage of claims.

☐ Credits have been reduced because of corrections to work dates and figures of applicant.

☐ No credits have been allowed for the following mining claims as they were not sufficiently covered by the survey:

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40;

Form LA. 101 (10/74)

1339-65

Mining Claim L. Nº 95492

NAME AND ADDRESS OF LICENSEE: Dennis Duffy, 84 Prospect Avenue, Kirkland Lake, Ontario.

NUMBER OF LICENSE: K-13916

LOCALITY: Teck Township Former Surveyed L-6187 (L-71471)

RESERVATIONS: 400 FOOT SURFACE RIGHTS RESERVATION AROUND ALL LAKES AND RIVERS. SAND AND GRAVEL RESERVED

DATE AND HOUR OF STAKING: 4th November 1965 12.00 noon

DATE OF RECORDING: 12th November 1965

CERT. OF RECORD GRANTED

CERT. OF WORK GRANTED

ASSAY COUPONS

	(WORK DONE) DAYS	
tober 6th,1966	46	days work (L-95492)
ovember 2nd,,1967	48	days work (L-95492)
ugust 9th, 1968	44	days work (L-95492)
ugust 18th, 1969	44	days work Manual Labour (L-95492)
ovember 10, 1970	19	Manual Labour (L 95492)
ctober 15, 1971		Order of the Mining Commissioner extending time to and including November 13, 1972 for Lease.
ct. 26/72		Order of Mining Commissioner extending time to and including November 13th, 1973, for Lease.
ctober 22, 1973		Order of the Mining Commissioner extending time to and including November 12, 1974 for Lease.
tober 10, 1974	40	Geological
tober 10, 1974	19	Geophysical VLF & Linecutting
tober 10, 1974	160.3	Plugger
tober 10, 1974	193.5	Diamond Drilling
ovember 12th,1974		Order of Mining and Lands Commissioner extends time for applying and paying for lease until and including November 12th, 1975.

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

JUL 24 1975

Mining Recorder

LARDER LAKE MINING DIVISION

RECORDER

Kerr Addison Mines Ltd. per E. Chartrie Esq.

739 Rue Principale Rouyn, P.Q.

TO SWASTIKA LABORATORIES LIMITED

DATE		CERT. No.		AMOUNT		DATE		CERT. No.		AMOUNT	
1934											
May	28	44337	4 Au Ag	34	00						
"	29	44337	6 Au	25	50						
"	31	44341	15 Au	63	75						

TOTAL	
OLD BALANCE	
PAID ON ACCT.	
AMOUNT DUE	123 25

ACCOUNTS DUE WHEN RENDERED

☐ CHECK HERE IF RECEIPT REQUIRED

Kerr Addison M Ltd

TEL 648-2844
[illegible]

SWASTIKA, ONT., July 31st 19[illegible]

Kerr-Addison Mines Ltd. per: E. Charter, Esq.

32 Rue Principale, Rouyn, P.Q.

TO SWASTIKA LABORATORIES LIMITED

DATE		CERT. No.		AMOUNT		DATE		CERT. No.		AMOUNT	
197[illegible]											
July		4444 2	Rgo	10	00						
"	3	4444 9	4 Au	17	00						

TOTAL	27	00
OLD BALANCE		
PAID ON ACCT.		
AMOUNT DUE	27	00

ACCOUNTS DUE WHEN RENDERED

☐ CHECK HERE IF RECEIPT REQUIRED

TEL. [redacted]
DRA[redacted]

SWASTIKA, ONT., June 28 1974

Kerr Addison Mines Ltd. per: G. Chartre, Esq.

32, Rue Principale, Rouyn, P.Q.

TO SWASTIKA LABORATORIES LIMITED

DATE		CERT. No.		AMOUNT		DATE		CERT. No.		AMOUNT	
1974											
June	4	44324	Au	4	25						
"	27	Plastic	Bags	1	00						
"	27	44429	4 Au	18	00						
			Ni	3	50						

ACCOUNTS DUE WHEN RENDERED

☐ CHECK HERE IF RECEIPT REQUIRED

TOTAL	
OLD BALANCE	
PAID ON ACCT.	
AMOUNT DUE	4 75

ASSAYERS LIMITED

QUEBEC: 183 GAMBLE ST. W., P.O. BOX 665, ROUYN, J9X 2R8, TEL: 819-762-3010
ONTARIO: 44 VICTORIA STREET, SUITE 410, TORONTO, M5C 1Y2, TEL: 416-366-3100

ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

INVOICE

In Account With

Kerr Addison Mines Ltd.
P. O. Box 38
NORANDA, Que., J9X 5A5

June 6/74

No. of Assays	DESCRIPTION	Rate	$	c
	May 16/74: 2 Assays for Au		8	00
	24 6 " " Au	4.00	24	00
	Handling charge On 8 samples	50¢	4	00
	Total		36	00

SUDBURY DIVISION: Sudbury Assay Office, 256 Oak Street, Sudbury, Ontario - Tel: 705-673-1953

"SERVING INDUSTRY FOR OVER 35 YEARS"

Bernhardt Twp.

Trenfell Twp

Lebel Twp.

Otto Twp.

THE TOWNSHIP OF

TECK

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH = 20 CHAINS

LEGEND

PATENTED LAND	P
CROWN LAND SALE	C.S.
LEASES	L
LOCATED LAND	Loc
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O
SURFACE RIGHTS ONLY	S.R.O
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	C.

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Arec shown thus ⟨ ⟩ for Slime disposal

Mining Claims L 2728 & 1535 Shown thus ——— Withdrawn from Staking under Sec 39(b) of the Mining Act File: 67398

Mining Rights for Claim L 5779 Subject to Sec 36 of the Mining Act

- MINING LANDS -
DATE OF ISSUE
OCT 23 1974
MINISTRY OF NATURAL RESOURCES

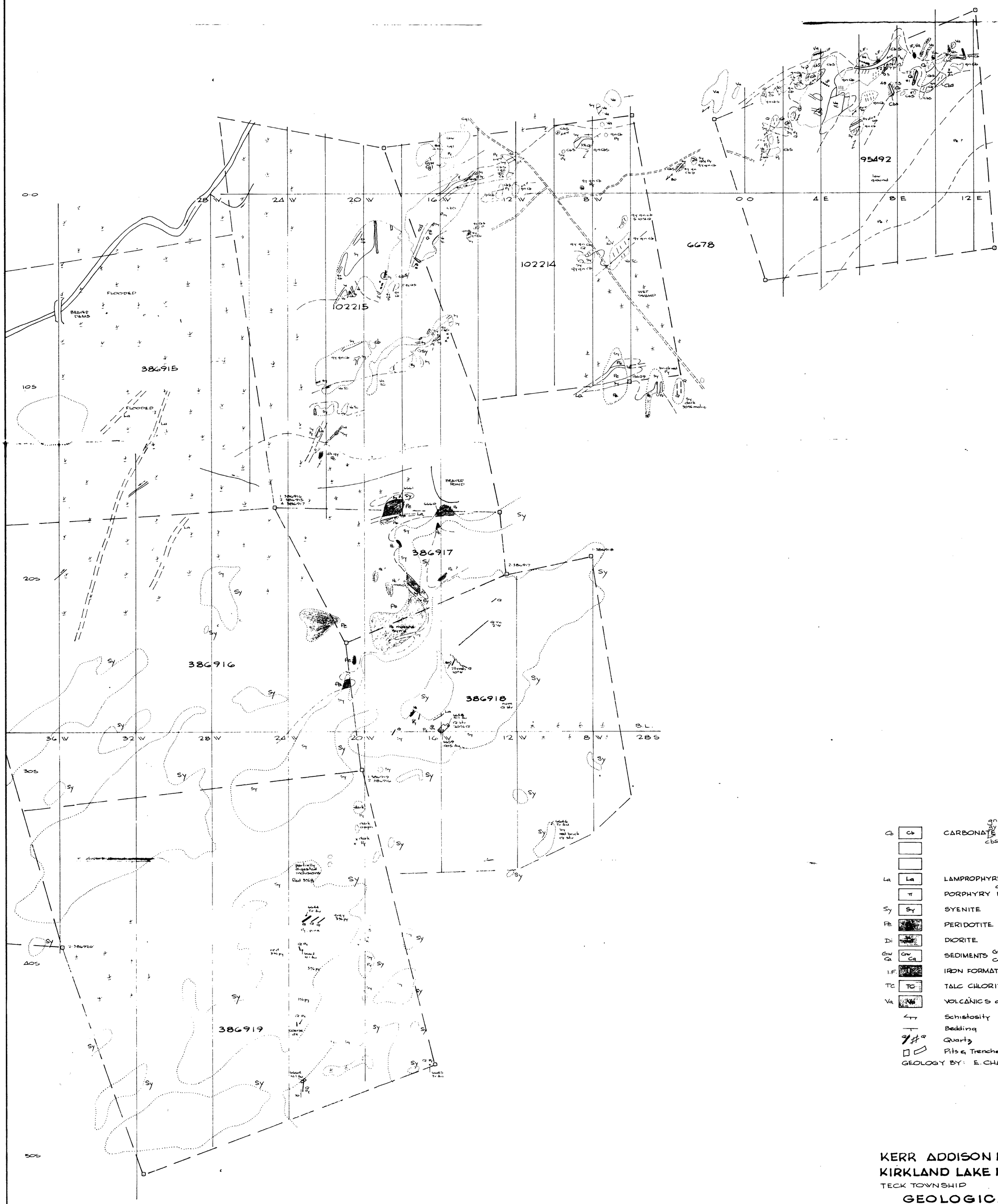
X =

⊗ =

X = Geological

PLAN NO.- M. 392

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



Cb Cb — CARBONATE (gn) green; (gy, br) grey, brown; Cbs) schist

La La — LAMPROPHYRE

Qtz Fp — PORPHYRY Q) Quartz F) Feldspar

Sy Sy — SYENITE

Pe — PERIDOTITE

Di — DIORITE

Gw Gv Cg — SEDIMENTS Gv) Greywacke Cg) Conglomerate

I.F. — IRON FORMATION

TC — TALC CHLORITE

Va — VOLCANICS a) Andesite T) Tuff

Schistosity

Bedding

Quartz

Pits & Trenches

GEOLOGY BY: E. CHARTRE

KERR ADDISON MINES LIMITED
KIRKLAND LAKE PROJECT · '0-5'

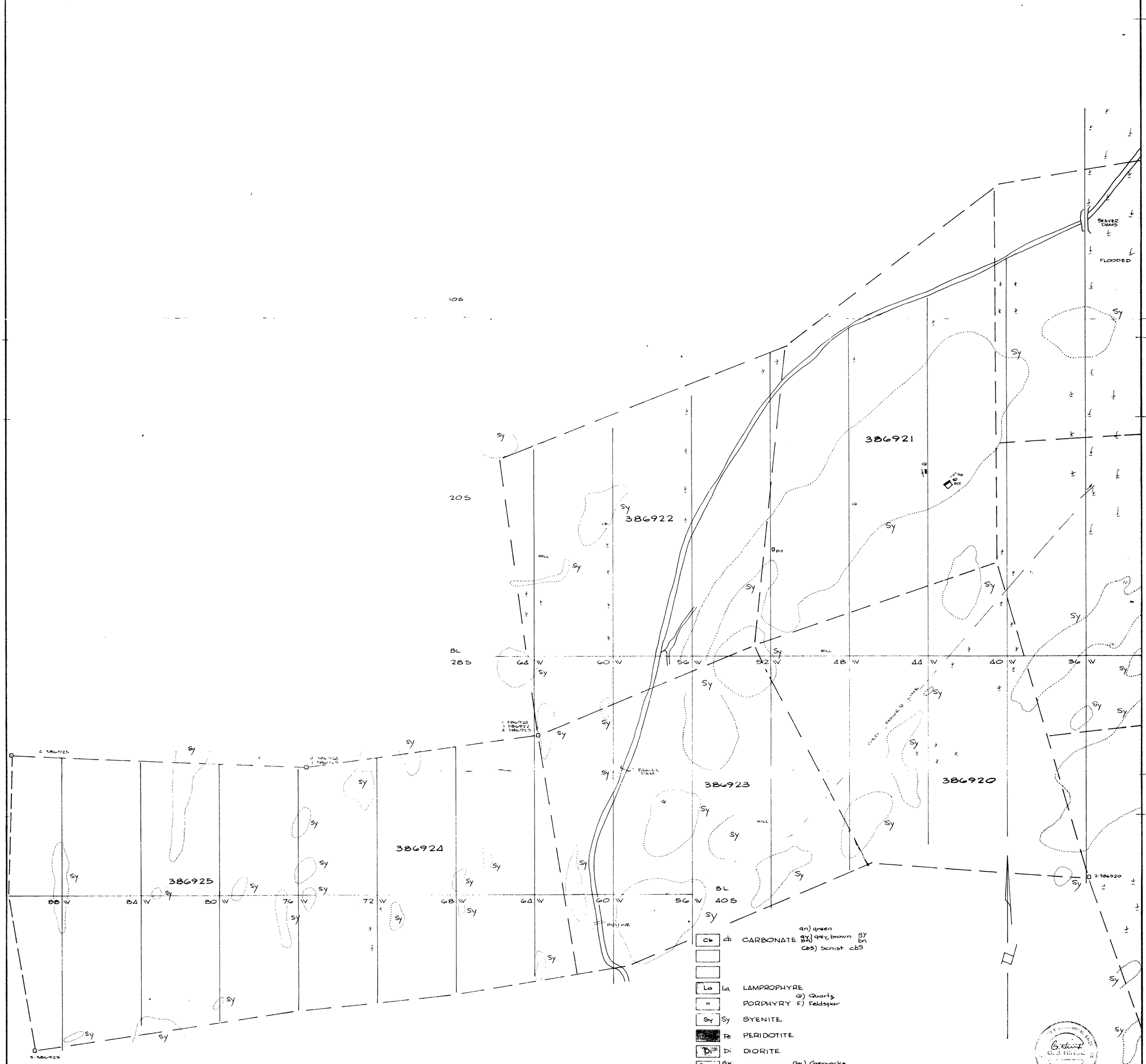
TECK TOWNSHIP — ONTARIO

GEOLOGICAL MAP
EAST SHEET

SCALE : 1" = 200'
G. HINSE

SEPT. 74

105



cb cb CARBONATE gn) green, gy) grey, bn) brown, cbs) schist cbs

La La LAMPROPHYRE

π PORPHYRY q) Quartz, f) Feldspar

Sy Sy SYENITE

Pe PERIDOTITE

Di Di DIORITE

Gw Cg Gw SEDIMENTS Gw) Greywacke, Cg) Conglomerate

I.F. IRON FORMATION

Tc TALC CHLORITE

Vq VOLCANICS a) Andesite

Schistosity

Bedding

Quartz

Pits & Trenches

GEOLOGY BY: E. CHARTRE

G. J. HINSE — PROVINCE OF ONTARIO

KERR ADDISON MINES LIMITED
KIRKLAND LAKE PROJECT · '0·5'
TECK TOWNSHIP — ONTARIO

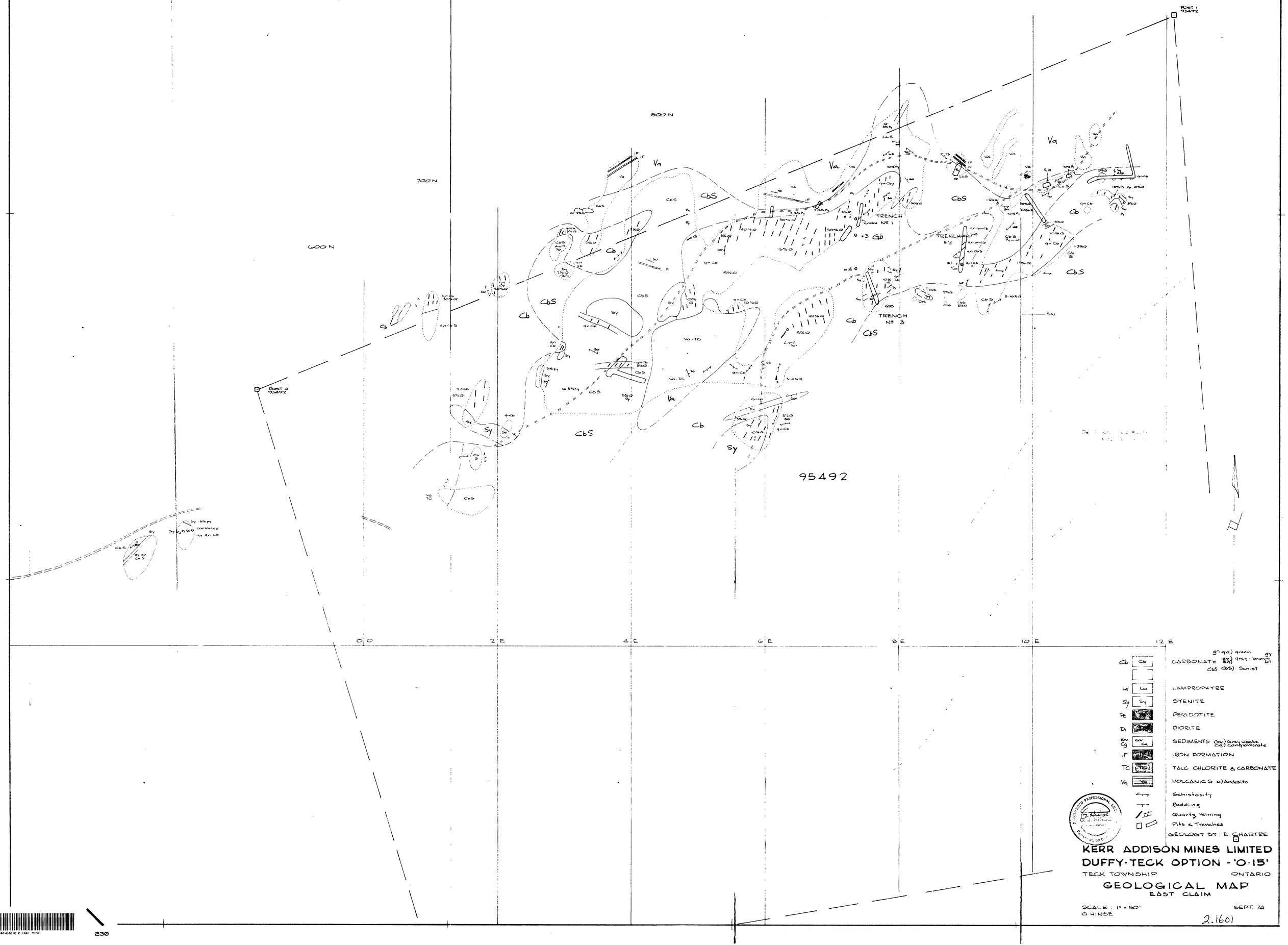
GEOLOGICAL MAP
WEST SHEET

SCALE: 1" = 200'
G. HINSE

SEPT. 74

220

FILE 2:1601



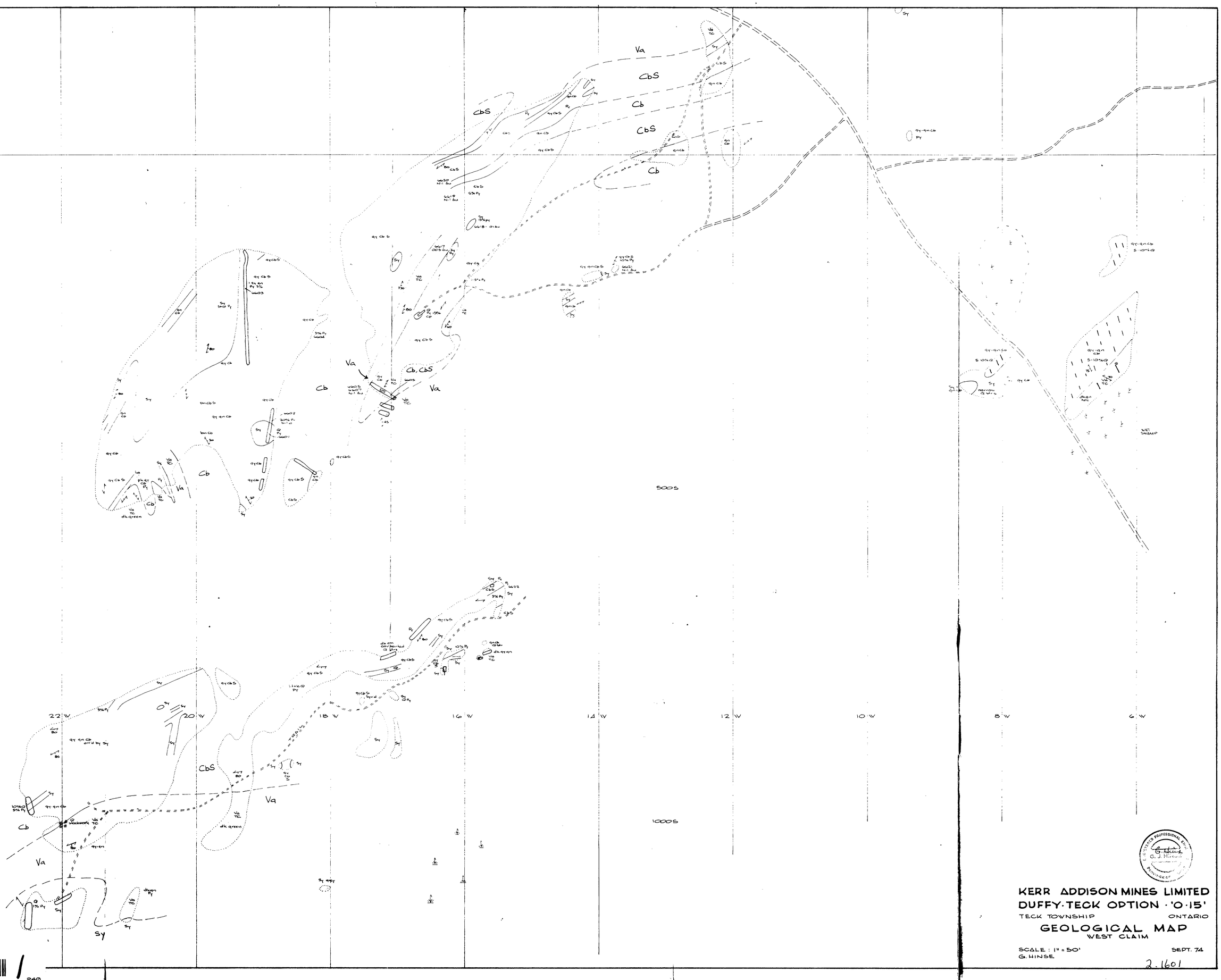
KERR ADDISON MINES LIMITED
DUFFY-TECK OPTION - '0-15'
TECK TOWNSHIP ONTARIO

GEOLOGICAL MAP
EAST CLAIM

SCALE : 1" = 50'
G HINSE

SEPT. 74

2.1601



KERR ADDISON MINES LIMITED

DUFFY-TECK OPTION - '0-15'

TECK TOWNSHIP ONTARIO

GEOLOGICAL MAP

WEST CLAIM

SCALE : 1" = 50'

G. HINSE

SEPT. 74

2.1601

N

LEGEND

Values shown thus are:

424 MAGNETIC FIELD IN GAMMAS

INSTRUMENT USED: ASKANIA GFZ
SENSITIVITY
OPERATOR: B MACIEZ

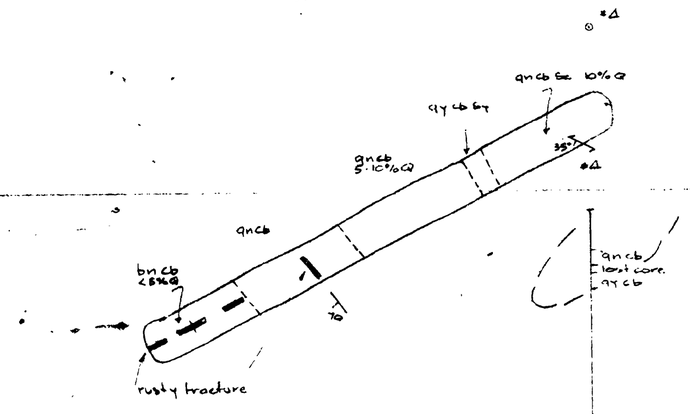
REGISTERED PROFESSIONAL ENGR. G.J. HINSE PROVINCE OF ONT.

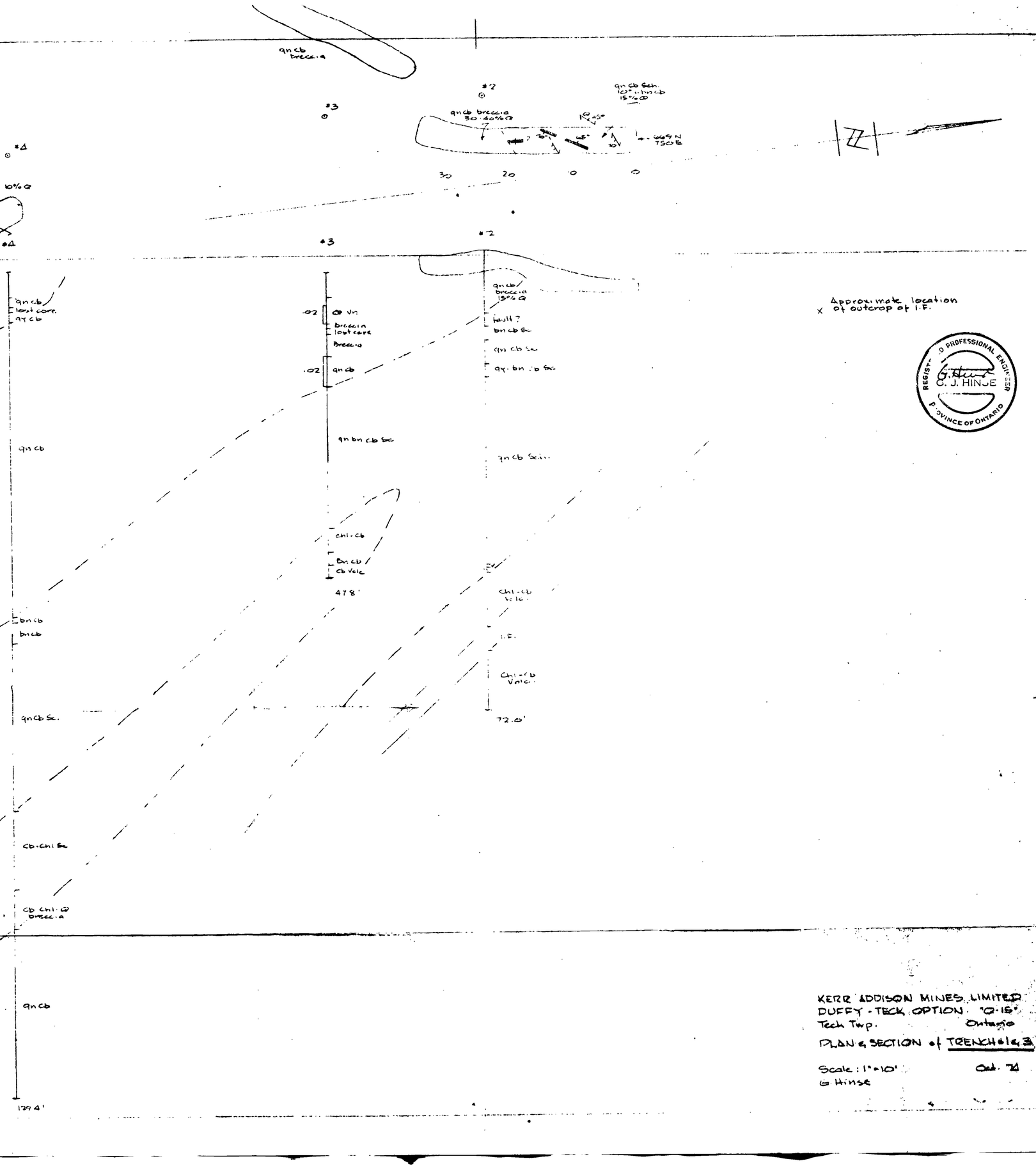
KERR ADDISON MINES LIMITED
KIRKLAND LAKE PROJECT-'O-5'
TECK TWP. ONTARIO

MAGNETOMETER SURVEY

SCALE: 1" = 200'
G. HINSE

JULY 74

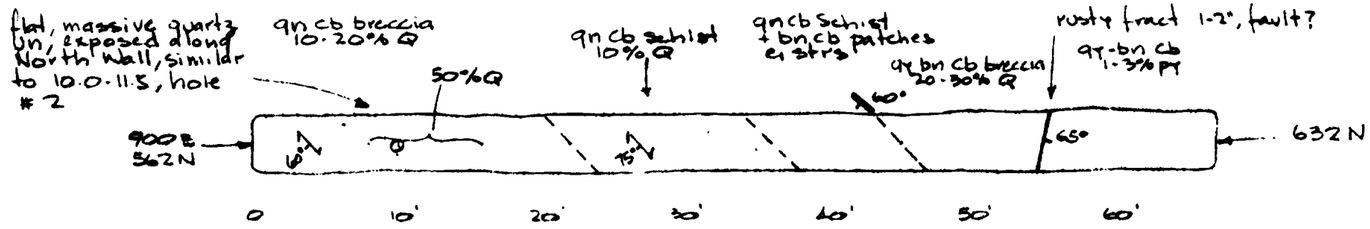


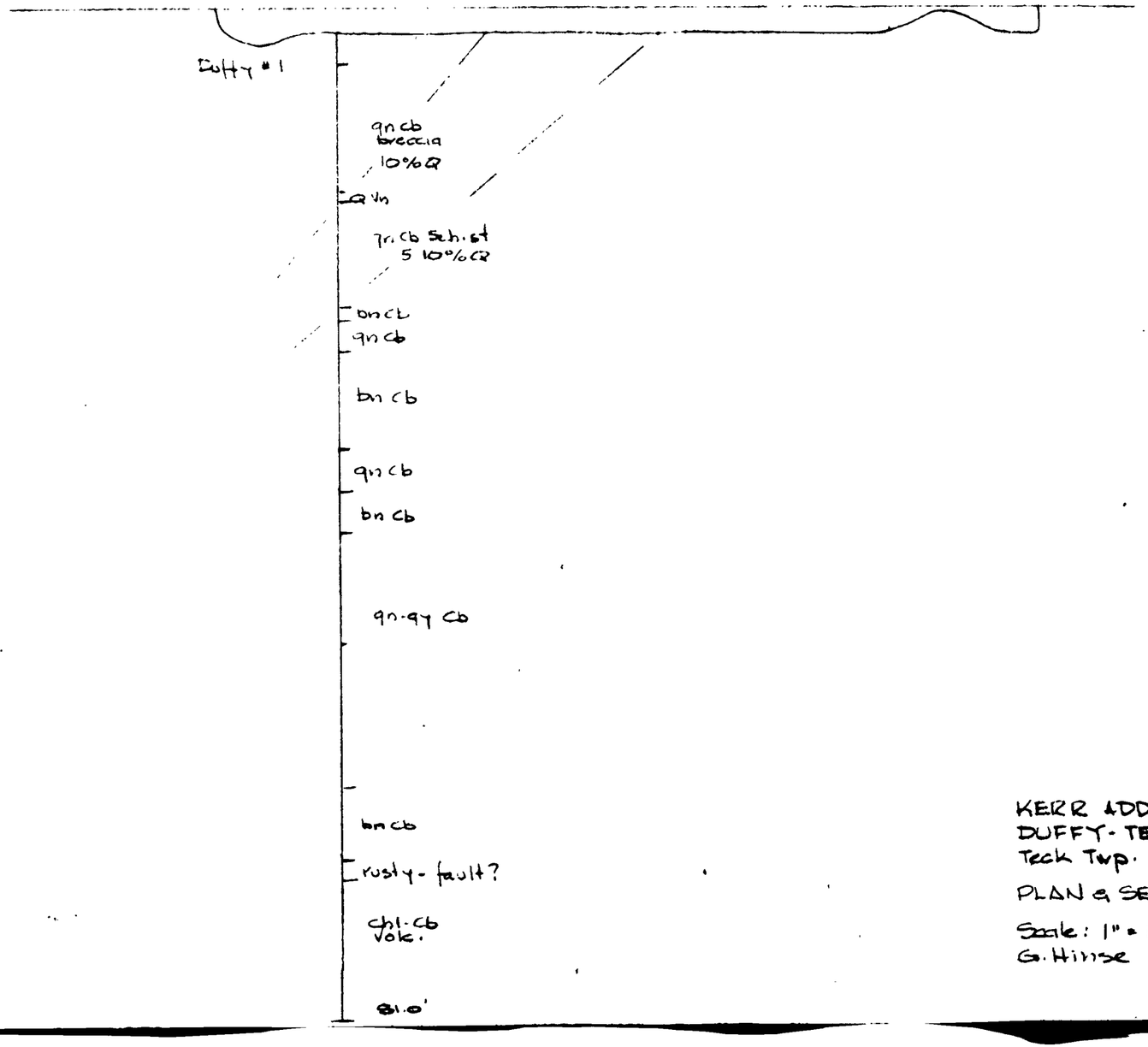


Approximate location of outcrop of I.F.

KERR ADDISON MINES LIMITED
DUFFY - TECK OPTION "Q-15"
Tech Twp. Ontario
PLAN & SECTION of TRENCH #1 & 3

Scale: 1"=10' Oct. 74
G. Hinse





KERR ADDISON MINES LIMITED
DUFFY-TECK OPTION - "O-15"
Teck Twp. Ontario
PLAN & SECTION of TRENCH # 2
Scale: 1" = 10' Aug. 74
G. Hinse