52K15NW0037 12 FREDART LAKE

Diamond Drilling

Area of Fredart Lake

Report Nº 12

Work performed by: Copper-Lode Mines Ltd/Rexdale Mines Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
KRL 53370	A-1	112'	Nov/65	(1)
	A-4	303.6'	Nov/65	(1)
	A-5	240'	Nov/65	(1)
	A-6	442'	Nov/65	(1)
	A-8	243.5'	Nov/65	(1)
	A-9	406.5'	Dec/65	(1)
	A-12	576'	Jan/66	(1)
	A-13	546'	Jan/66	(1)
	A-14	517'	Jan/66	(1)
	A-16	368'	Feb/66	(1)
	A-49	342'	Oct/68	(4)
	A-50	352'	Nov/68	(4)
	A-51	510'	Nov/68	(4)
	A-52	305'	Nov/68	(4)
	A-53	394'	Nov/68	(4)
	A-54	333'	Nov/68	(4)
	A-55	524.1'	Nov/68	(4)
	A-56	609.5'	Nov/68	(4)
	A-57	265'	Nov/68	(4)
	A-58	405'	Dec/68	(4)
	A-59	575'	Dec/68	(4)
KRL 53369	A-42	469'	Aug/66	(2)
	A-43	534'	Aug/66	(2)
	A-44	526.5	Aug/66	(2)
	A-45	640'	Aug/66	(2)
	79-7	1008'	July/69	(5)
KRL 53051	D-1	360'	Jan/66	(1)
	E-1	321'	Feb/66	(1)
	79-2	697'	June/69	(8)
	79-3	699'	June/69	(8)

Notes:

Diamond Drilling

Area of Fredart Lake

Report Nº

Work performed by: Copper-Lode Mines Ltd/Rexdale Mines Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
KRL 53450	M-4	203.2	Sept/66	(3)
KRL 53373	79-4	995'	June/69	(6)
	79-6	601'	July/69	(6)
	79-8	587'	July/69	(11)
	79-9	501'	July/69	(6)
	79-11	403'	July/69	(6)
KRL 53371	79-5	702'	July/69	(9) (10)
KRL 53049	79-10	1009'	July/69	(13)
	79-13	407'	Aug/69	(13)
	79-14	402'	Aug/69	(13)
	79-15	998'	Aug/69	(13)
	79-16	1025'	Aug/69	(13)
	79-18	1268'	Sept/69	(13)
KRL 53374	79-12	398'	July/69	(7)
KRL 53048	79-17	1005'	Aug/69	(12)
KRL 53372	CL-8	414'	Apr/73	(14)
	CL-9	362'	Apr/73	(14)

Notes:

(1) See reports of work dated August 8, 1966. (Rexdale Mines Ltd.)
(2) See report of work dated September 14, 1966. (Rexdale Mines Ltd.)
(3) See report of work dated May 9, 1967. (Rexdale Mines Ltd.)

(4) 17/69	(7) 368/70	(10) 27/71	(13) 159/71
(5) 366/70	(8) 2/71	(11) 157/71	(14) 154/73
(6) 367/70	(9) 26/71	(12) 158/71	

HOLE NO. A-1 DRILL HOLE LOG SHEET NO. 1

53370

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: REXDALE MINES LIMITED		Started: Nov. 3, 1965
Latitude: 1+28S		Finished: Nov. 5, 1965
Departure: 1200W	Bearing: N23°W	Depth: 112.0
Elevation:	Dip: 0'-47.5° : 100-42/30	Logged by: John J.D. Filo
0	19.7	Casing
19.7	20.7	Siliceous Iron Formation - silicification zone tr. magnetite, chlorite; minor Po, py, tr cpy.
20.7	21.6	Siliceous Iron Formation - f.g. magnetite for 0.5' at top, gouge at lower contact, banded at 40° to core axis : minor Po, tr. cpy.
21.6	24.0	Chlorite Schist - siliceous, with seams of Po with minor cpy.
24.0	25.5	Qtz. Biotite Schist: - sheared; with Po, magnetite and minor cpy
25.5	26.9	Qtz. Soricite Chlorite Schist - siliceous; with Po, cpy, minor magnetite and py.
26.9	28.8	Biotite Schist - much vein qtz., vuggy, top 0.5' brecc., fragmental py, Po and cpy; 20% sulphides
28.8	30.7	Qtz. Chlorite Schist - tr. sulphides
30.7	37.0	Qtz. Chlorite Schist transitional to Qtz. Biotite Schist
37.0	37.7	Qtz. Biotite Schist - tr. sulphides
37.7	48.0	Chlorite Biotite Schist - occas. qtz. rich bands, minor py.
48.0	77.0	Biotite Chlorite Schist - with occas. chlorite rich bands @ 45°
77.0	91.5	Chlorite Biotite Schist - occas. siliceous bands
91.5	93.5	Biotite Schist - siliceous
93.5	95.0	Chlorite Schist - mineralized strongly, 35% sulphides, Po, py and cpy
95.0	96.0	Biotite Schist - siliceous, tr. sulphides
96.0	98.3	Chlorite Schist - siliceous
98.3	100.3	Chlorite Schist - weakly mineralized, with Po, py, minor cpy
100.3	102.5	Siliceous Iron Formation - interbanded with chlorite schist
102.5	112.0	Chlorite Schist - siliceous

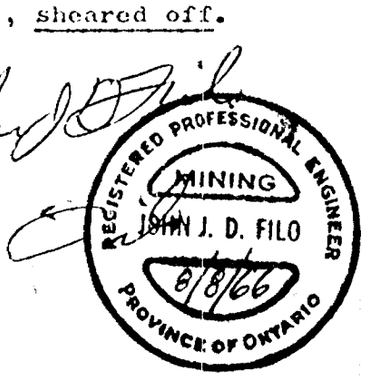
END OF HOLE

No. 1 Post Cl #KRL 53370 is 1000' East, 700'N of collar

Size of core - AXT

Dip Test - 42°/30' @ 100.0'

Left in Hole - AXT bit and reaming shell, sheared off.



HOLE No. A-4 DRILL HOLE LOG SHEET No. 1

92778

FOOTAGE FROM	TO	DESCRIPTION
		Rexdale Mines Limited (Fredart Lake Property) Started: Nove.16/65
		Latitude: 240' S of BL Finished: Nov.18/65
		Departure: 1350 W Bearing: N 23 W Depth: 303.6'
		Elevation: Dip: 0'-45° : 302'-42° Logged by: S. Evans
0	53.0	Casing:
53.0	54.5	Quartz Biotite Schist: recovery in bits and pieces, broken fractured core, traces sulphides.
54.5	58.2	(Metagabbro) Diorite Type: fine to med grained, relatively massive. Quartz content differentiates this from typical metagabbro described in holes A-2, A-3. Lower contact sharp at 33° to core.
58.2	75.0	Quartz Biotite Schist: fine gr. grey, increase qtz to bottom of section Schistosity 37° to core. 67.0-69.0: crushed breccia, rounde siliceous fragments 70.0-74.0: sampled section siliceous, minor sulphides pyr, py, cp. conc. on schist planes. 73.4-74.0: black fine grained to medium, basic rock, gabbro. minute black needlike xls., contacts conform to schist.
75.0	90.5	Metagabbro: fine gra. dark green, foliated but generally quite massive on fresh surface. (andesitic?) few narrow siliceous interbeds, odd tr. cp.
90.5	96.5	Quartz Biotite Chlorite Schist: similar to above but more biotite
96.5	101.0	Garnet Biotite Schist: dark highly schisted, scattered diss. sulphides, assoc, red garnets., narrow silic. interbeds to bottom of section. Sch.98'-38° to core 99.8-100.0: slight conc. cp.
101.0	125.3	Quartz Biotite Schist: siliceous quartzose interbeds. scattered conc. of cp., few scattered garnets with biotite rich sections, chloritic & sil. to bottom of section. 113.0-118.0: qtz. bi. rich, minor garnets, cp. on sch. planes. Sch.120'-54°
125.3	130.7	Metagabbro: fine to med. gr., dark green, rel. mass., Amph/pyrox xls., little qtz except as veinlets.
130.7	151.0	Quartz Biotite Schist: quartzose interbeds, siliceous, locally fractured at 5° angle to core. Scattered sulphides. 142.3-149.0: sil. qtz. rich, loc. conc. bi., scattered pyr. cp. some minor weakly banded magnetite. 145.0-147.5: conc. of magnetite and iron carbonate.
151.0	179.5	Silicification Zone: part of Sil.I.F. but lacking in magnetite traces fine sulphides. much white quartz, few narrow basic sections, fractured, 170.0-172.0: barren vein quartz, foliation at 166'-60° to cor
179.5	196.0	Quartz Biotite Schist: very siliceous, chloritic, few narrow basic interbeds. Fine graiend sulphides diss. with odd conc. of cp. (eg: 188.9-194.0)
196.0	203.0	Quartz Biotite Garnet Schist: scattered red garnets, chloritic
203.0	219.0	Quartz Biotite Chlorite Schist: fine gr. dark green, sil., quartzose. Weathered fracture at 207.0. Sch. at 203'-54° to core 203.0-206.0: silic grading to heavy biotite, 3" vein qtz. at bottom 206.0-207.5: semi-mass. py. minor pyr tr. cp. 207.5-211.0: heavy ch. bi., conc. cp. with pyr. 211.0-214.5: decrease sulphides, silic. quartzose, tr. sulphides

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FOOTAGE		DESCRIPTION
	TO	
219.0	222.5	Metagabbro: fine to med. gr., foliated, vein qtz.at lower contact
222.5	242.3	Similar to above section but few narrow sil.quartzitic remnants. Scattered sulphides pyr.cp.py., 224.0-230.0: fractured
242.3	257.5	Andesite: fine to med.gr., weakly foliated, quatz biotite, chlorite, amph/pyrox xls, dark green. Sch. 250'-43° to core scattered qtz.veinlets.
257.5	282.5	Quartz Biotite Schist: chloritic, fine grained, siliceous Sch. 280'- 51° to core 264.5-266.6: Biotite rich, chloritic, sil. Amph/pyrox xls,, Scattered sulphides pyr.cp. 266.6-273.6: Sil.Min. Zone: Iron Formation: chloritic, sericitic, diss.sulphides.loc. conc.pyr.cp.py. weakly banded pyr. at 274'-57° to core. 273.6-277.3: Black c.gr. well dev. bi.,and amph/pyrox xls. schistose, few narrow qtz.ser.ch.sections.Minor diss. sulphides, pyr.py.cp. generally conc. on schist planes. 277.3-282.5 Silic. I. F. :assoc. qtz. and yellowish green ser.ch.schist. Scattered diss.sulphides, pyr. cp. generally on schist planes.
282.5	288.9	Quartz Biotite Garnet Schist: siliceous, few red garnets, traces sulphidespyr. cp.
288.9	299.2	Andesite: darke green, qtz.bi.ch., amph/pyrox. few narrow gabbro siliceoussections.
299.2	303.6	Sericite Chlorite Schist: siliceous, fine grained, yellowish green, conc. cp. on schist planes. Brecciated over lower part of section upper contact 50° to core with trace py. Sch. 300'-53° to core
303.6		END OF HOLE:

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MINING
JOHN J. D. FILO
8/8/66
PROVINCE OF ONTARIO

HOLE No. A-5

SHEET No.1

DRILL HOLE LOG

23370

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
Rexdale Mines Limited (Fredart Lake Property)		Started: Nov.18/65
Latitude: 240' S of BL		Finished:Nov.22/65
Departure: 1350 W	Bearing: N 23 W	Depth:240.0
Elevation:	Dip: 0'-60° : 230'-55°	Logged By: S. Evans
0	38.0	Casing:
38.0	42.0	Metagabbro: black, fine grained, amph/pyrox , massive.
42.0	72.8	Quartz Biotite Schist: silic. quartzose sections. odd speck cp.py., 70.5-71.5: 3" qtz.then sheared schist with py.on sc.planes traces cp.,lower contact 50° to core
72.8	78.7	Metagabbro: similar to diorite type in A-4. Quartz at upper contact.
78.7	97.4	Quartzite: sil. relatively massive loc. schisted and grading to quartz biotite schist, Schist. 95'-38° to core 90.0-93.5: qtz rich breccia, rounded fragments 94.0-97.0: very sil.,contorted,shered with py. conc. minor cp.,(cp. on lattice work after pyrite xl.) Lower contact qtz.filled 35° to core
97.4	102.9	Metagabbro: fine grained, black, fractured
102.9	147.3	Quartzite: siliceous grey to black, fine to med. gr. sections qtz.bi.sc., also few narrow basic gabbro type silicification intensity increase to bottom of section 123.5-130.0: breccia zone, top has 4" shear with qtz.carb. 130.0-138.7: sil.qtz.bi.sc.scattered sulphides assoc. mainly with silic. sections. 138.7-140.0: Bi.rich. diss py.cp. few red garnets. 140.0-144.7: silic. diss. cp.py and loc. conc.cp.143.7-144.3 144.7-146.0: bi.rich, few garnets, tr. fine grainedspy.cp. 146.0-147.3; qtz rich,at top, 60% sulphides, pyr.py.cp. diss. to mass. sulphides.
147.3	151.0	Metagabbro: fine to med.gr., dark grey, bi.amph/pyrox. qtz. scattered diss. sulphides.
151.0	158.8	Quartzite: silic., fine to med.gr.,pinkish color, fractured
158.8	162.0	Sericite Chlorite Schist: lightbgreen, fine gr.,grading into sil. I. F. at bottom of section. cp.on schist plane, Sch. 160' - 32° to c
162.0	169.5	Siliceous Iron Formation: minor magnetite, creamy to light green, assoc ser. ch. Diss.py.cp. 166.0/169.5: 20% sulphides, py.cp. and concentration of magnetite.
169.5	174.3	Quartzite: rel. massive, fractured, chloritic.
174.3	176.5	Metagabbro: med.to c.gr., black, amph/pyrox xls. lower contact talcose and 30° to core.
176.5	193.5	Quartzite: fractured, fine gr., grey green, intermixed with more basic coarse gr. mafics. odd sulphide tr.
193.5	240.0	Silicification zone 193.5/200.0: Sil.I.F.: greenish grey, sil., magnetite conc. from 189 to 191. Locally brecciated and fractured. scattered py. cp., Lower 1' is qtz.rich with chloritic silic fragments.

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HOLE No. A-5 SHEET No. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
193.5	240.0	Continued frompage 1 200.0-200.5: Garnet biotite schist: sheared withmminor assoc. cp. 200.5-240.0: fine gr., light colored with green ser.ch. sections. Highly fractured blocky ground with quartz carbonnte veinlets. ~~210x0240x0xx~~ From 210' to bottom of section is Breccia Zone scattered py.cp. 217.8': rusty, possiblemain shear plane 36° to core.
240.0		END OF HOLE

This hole was lost at 240.0' due to twisting off a shell and bit at the bottom of the Hole.

HOLE No. A-6 DRILL HOLE LOG SHEET No. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
Rexdale Mines Limited: (Fredart Lake Property)		Started: Nov.23/65
Latitude: 215 S of BL		Finished: Nov.25/65
Departure: 1400 W	Bearing: N 23° W	Depth: 442.0'
Elevation:	Dip: 0'-60 : 440'-60 :	Logged by: S. Evans
0	40.0	Casing(reamed to 45 feet)
40.0	42.0	Andesite: fine gr., dark green
42.0	44.6	Quartz Biotite Schist: with sil. qtzt. sections.
44.6	64.7	Andesite: dark green, fine gr.,siliceous, foliated, bi., some ser., amph/pyrox., narrow qtz veinlets. 48'-32° to core
64.7	73.5	Mineralized Zone: 64.7-67.0: black med.gr.,bi.,amph/pyrox, rel.mass., traces fine graimed diss.sulphides. 67.0-69.0:increase in pyr.py.cp., cp.conc.in sil.sections. 69.0-77.5: Garnet biotite schist,black,c.gr.,grading to incr. qtz,ch.ser., diss. py.cp.
73.5	108.0	Quartz Biotite Schist: light green, chloritic, minute garnets at top of section,narrow qtz.veinlets. Schist. 80'-35° to co traces sulphides. 83.5: conc.cp.on fracture surfaces. 97.0-98.2: splash cp. 80.0: Contorted 107.5: conc. cp. onschist planes.
108.0	114.5	Diorite: dark green, fine to med.gr., assoc.lenticular qtz.adds striped appearance. foliated.
114.5	166.9	Quartz Biotite Schist: siliceous, quartzose, chloritic, 162.8-163.4: barren vein quartz, sch.146'-35° to core incr. sil. to bottom of section 166'-35° to core
166.9	173.0	Silicification Zone: Quartz rich, chloritic fragments, odd cp. 167.9-168.9: massive pymhotite, 168.9-173.0: chloritic,much qtz.,incr.bi.,odd cp.
173.0	176.5	Garnet Biotite Schist:
176.5	215.0	Mineralized Zone: siliceous, interbedsbiotite rich schist associated sulphides. 176.5-178.0: black, sil.,biotite rich, trace sulphides. 178.0-186.0: silic.qtz.bi.rich,fine diss.sulphides with loc. conc. py.pyr.cp. 186.6-187.2: black,c.gr.,ch.bi.rich,sheared, minor cp. ampy/pyrox xls at bottom of section. 187.2-203.3: Siliceous,loc. conc.semi-mass.pyr.cp. Main cp section 191.0-199.1. 203.3-215.0: Bi.rich, c.gr.,scattered red garnets, decrease sulphides.amph/pyrox xls well dev.
215.0	219.0	Garnet Biotite Schistchloritic, amph/pyrox xls.,qtz., c.gr., barren.
219.0	227.3	Mineralized Zone:sheared bi.rich at top of section then qtz. sil. 219.8-220.4: mass. cp. and pyr. 220.4-226.0: sil.bi.amph/pyrox, dark green to bl[illegible] gr. scattered cp. 226.0-227.3: decrease sulphide content, less [illegible]te
227.3	232.4	Metagabbro: dark to black, fine to med.gr., amph/pyrox fill[illegible] locally silic. and massive.
[illegible]	[illegible]	[illegible]

REGISTERED PROFESSIONAL ENGINEER MINING PROVINCE OF ONTARIO 9/8/66

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
232.4	274.7	Chlorite Sericite Schist: fine gr., yellowish green, Minor diss.cp. on schist planes.
234.7	247.4	Min.Zone; Biotite Chlorite Schist: few garnets, c.gr., qtz., crystalline, loc.amph/pyrox xls., (237.7-253.0: major cp. section,) 247.0-248.2: Mass. cp.py.pyr. with qtz.bi.ch.gangue.
247.4	252.5	Siliceous Min. Zone: qtz.rich, sulphide concentrations,py. pyr.cp.,locally sericitic.
252.5	276.7	Quartzite: rel. massive fine grained, qtz. bi. assoc., weakly foliated foliation 274'-45° to c 252..5-256.5: possible dark green fine gr. intrusive.
276.7	284.0	Siliceous zone: light colored, qtz. bi. assoc., foliated grading to mass pinkish quartzite.
284.0	322.7	Andesite: fine gr.,dark green, highly fractured, grades into underlying biotite schist. 290.0-302.0: highly fractured, kaolin. alteration, locally brecciated. 317.0-322.7: Sericite chlorite schist, apple green, conc. cp.pyr., locally biotitic, 3" semi-mass. pyr.py.cp. at botto
322.7	338.0	Biotite Chlorite Amphibole/pyroxene quartz Schist: qtz. contorted, less qtz. to bottom of section, sch.333'-35° to cor
338.0	346.0	Sericite Chlorite Schist: sil.,loc.bi.rich, with amph/pyrox scattered sulphides cp.py.pyr. with 1' conc. pyr.cp. at botto of section.
346.0	366.5	Biotite Chlorite Schist: amph/pyrox assoc., dark green fine to med.gr.,qtz veins and may be of volcanic origin.
366.5	380.4	Striped Schist: Quartz chlorite amph/pyrox schist:loc. bi.ric qtz gives striped effect to section(diorite?), with chloritic amph/pyrox remnants. Sch.375'-55° to core.
380.4	387.7	Sericite Chlorite Schist: yellowish green, minor fine gr. sulphides
387.7	395.0	Metagbbro: biotite,amph/pyrox, med.gr., to c.gr., siliceous and minor diss. cp.pyr.
395.0	419.3	Sericite Chlorite Schist: scattered sulphides cp.pyr. 395.0-403.0: diss. sulphides. cp. pyr. and biotite rich basic section from 399 to 400. 403.0-419.3: some assoc. magnetite, locally chloritic, scattered pyr.cp. 405.8-406.3: garnet section.
419.3	442.0	Quartz Chlorite Biotite Schist:locally siliceous, and quartzose, Upper contact well defined with much biottite at 50° to core. Sch.425'-35° to core
442.0		END OF HOLE

HOLE NO. A-8 DRILL HOLE LOG SHEET NO. 1

53270

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: , REXDALE		Started: Nov. 1965
Latitude: 1500 W		Finished: Dec. 1965
Departure: 222.5 S	Bearing: Grid North	Depth: 243.5'
Elevation:	Dip: - 60°	Logged by: J.B. Caswell
0.0	35.0	Casing
35.0	54.0	MFg Banded Gabbro - Occ. Qtz. Calc. Stringer, 30° Bdng 1/4" 20° Shear @ 46.0
54.0	57.5	MFg Biot. Amph - 30°, 50° Conts.
57.5	63.5	Biot. Chl. Schist - 30° Sch.
63.5	66.5	" " " - locally Amphibolitic with some minor Qtz. 30° Cp. Po Veinlets
66.5	70.0	" " " - Same
70.0	123.5	MFg Banded Gabbro - 45° Banding 4" 40° Cp, Po Veinlets @ 123.0'
123.5	159.0	Biot. Chl. Garnet Schist - 45° Cont @ 123.5; 40° - 45° Schist
159.0	162.5	Siliceous Iron Formation - Scat. Mag Cp. Po 5%
162.5	167.5	" " " - Scat. Mag Cp. Po 10%
167.5	172.5	" " " - Scat. Mag Cp. Po 30%
172.5	178.3	Qtz. Amph Breccia - Po Cp blobs 20%
178.3	187.5	Biot. Chl. Amph Schist - 30° Sch. Cg. Pink garnets
187.5	191.5	Sil. Biot. Garnet Schist - Sulph. blobs, Veinlets Cp. Po
191.5	196.5	Sil. Biot. Garnet Schist - Scat Sulph. blobs, Veinlets Cp. Po
196.5	202.0	" " " " - 45° Sch. 30° Cont @ 202.0
202.0	208.1	Mg Banded Gabbro - 40° - 45° Banding
208.1	212.3	" " " - Cp Veinlets @ 45°, blobs
212.3	236.4	" " " - locally Biotitic, U. Rare Cp. Spec.
(236.4 (241.5	241.4 243.5	" " " - Sulph Blobs Cp, Po Qtz. Stringers @45° MCg Amphs))
	243.5	End of Hole.
		855' South, 2252' West of No. 1 Post KRL 53370
		Core Size AXT

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. O. FILO 8/8/66 PROVINCE OF ONTARIO

HOLE NO. A-9 DRILL HOLE LOG SHEET NO. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: REXDALE		Started: Dec. 1965
Latitude: 1200 W		Finished: Dec. 1965
Departure: 272.5 S	Bearing: Grid North	Depth: 406.5
Elevation:	Dip: - 60°	Logged by: J.B. Caswell
0.0	36.0	Casing
36.0	42.5	Sil. Biot Schist - 40° Sch., 35° Cont @ 37.5
42.5	69.5	Mg Amph - 35° Fol., Minor Dissem. Po becoming finer gr. 35.0 - 44.5, Sw siliceous 41.0 - 44.5 35° cont @ 44.5
69.5	107.5	Volcanic Breccia - Highly siliceous, irregular banding locally schistose with biotite, chlorite and Amph., irreg. calc. stringers, 35° banding in 25° Cont. @ 107.5'
107.5	121.5	Chl. Amph. Schist - Locally siliceous Sw biotitic, 30° Sch.
121.5	126.5	Fg Gabbro - 6" 26° Biot. Chl. Cont @ 121.5 25° Cont. @ 126.5
126.5	135.0	Biot. Chl. Schist - 25° - 30° Sch., locally siliceous, several Po, Py blobs, veinlets
135.0	147.5	Sil. Chl. Schist - 15° Cont. @ 135.0 wekly banded Magnetite @ 25° (15% Sulph.)
147.5	150.0	Biot. Chl. Amph. Schist - 25° Cont's. several Po veinlets with minor Cp spec's.
150.0	160.8	Sil. Chl. Schist - 25° - 30° Sch. wkly banded Magnetite with minor Po, Py
160.8	162.5	Cg. Chloritized Amph. - Pink garnets, dissem Po (3%) 25° cont's
162.5	202.0	Sil. Iron Formation - Sw Chloritic, wkly banded Magnetite @ 25° with minor Po, Py
202.0	210.0	Chl. Schist - 30° Sch. with banded Magnetite (10% Sulph.)
210.0	243.6	Sil. Biot. Chl. Amph. - 35° Sch. very siliceous 225 - 237.5
243.6	263.0	Sil. Iron Formation - Chloritized cont. @ 243.6 banded Magnetite @ 35° with Po, Py veinlets, rare Cp spec.
263.0	269.0	Sil. Iron Formation - Mag, Po, Py veinlets with minor Cp
269.0	274.3	Sil. Iron Formation - Same
274.3	286.5	Sil. Biot. Schist - 40° Sch., Cp blobs @ 279.5 (0.5' @ 1.5 Cu)
286.5	293.0	Sil. Iron Formation - 10% Sulph., Fe, Po, Py, minor Cp
293.0	298.0	Sil. Iron Formation - Locally Chloritic banded Mag. with Po, Py and Cp veinlets (10-15%) Sulph.
298.0	303.0	Sil. Iron Formation - Minor 35° Mag., Po, Py, Cp veinlet (4-6%)
303.0	305.5	Mass Sulph. - Mass Po with Cp, Po, Py (90% Sulph) 40° Cont's
305.5	307.5	Qtz. Amph Breccia - Po, Cp blobs wkly dissem. Sulph. (8% S)
307.5	311.6	Chl. Schist - Cp, Po veinlets @ 15° - 20°, strong schist, poss. shear zone @ 15° - 25°
311.6	348.8	Biot. Amph. Schist - Locally chloritic with minor Qtz. 45° Sch.

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO 8/8/66 PROVINCE OF ONTARIO

HOLE NO. A-9 DRILL HOLE LOG SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: REXDALE		Started: Dec. 1965
Latitude: 1200 W		Finished: Dec. 1965
Departure: 272.5 S	Bearing: Grid North	Depth: 406.5
Elevation:	Dip: - 60°	Logged by: J.B. Caswell
348.8	354.8	Biot. Chl. Amph Schist - Py Po Veinlets @ 45° - 55° (10%)
354.8	360.5	Biot. Chl. Amph Schist - Py Po Veinlets @ 45° - 55° (10%)
360.5	366.0	Biot. Amph Schist - Locally siliceous, 35° Sch.
366.0	396.5	Sil. Iron Formation - 35°, 40° banded Mag. with minor Po Sw Chloritic, locally biotitic with pink garnets
396.5	406.5	Sil. Chl. Amph Schist - Mag, Po, Py veins, veinlets, Cp, blobs, specs. (8 - 10% Sulph).
	406.5	END OF HOLE.
		770' south, 1955' west of No. 1 Post KRL 53370
		Core size - AXT

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO 8/8/66 PROVINCE OF ONTARIO

HOLE NO. A-12 DRILL HOLE LOG SHEET NO. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: ROXDALE		Started: Jan. 1966
Latitude: 1500 W		Finished: Jan. 1966
Departure: 347 S	Bearing: Grid North	Depth: 576'
Elevation:	Dip: - 60°	Logged by: J.B. Caswell
	DIP TESTS:	ETCH TRUE
	@ 300'	-55° -49°
	@ 576'	-48° -42°
0.0	10.0	Casing
10.0	30.8	MFg Biot. Amph - 40° Fol., occ. pink garnet, V. rare Cp spec., 2" 40° Cp, Py, Po stringers @ 22.0'
30.8	31.8	Lost Core
31.8	64.0	MFg Biot. Amph - 30° - 40° Fol, occ. Cp spec with weak finely dissem. sec's, locally Sw felspathic and MCg Amphiboles
64.0	73.5	MFg Biot. Amph - Wkly dissem Cp. occ Cp, Py blob
73.5	91.5	MFg Biot. Amph - Occ. Cp, Py spec. 35° Cont @ 91.5
91.5	128.0	Sil. Biot. Schist - Locally Amphibblitic and chloritic 30° - 40° Sch.
128.0	151.6	Biot. Chl. Amph Schist - 30° Foliation, 35° Cont @ 128.0, occ. Qtz. stringers
151.6	177.0	Andesitic Dyke - 45° Cont @ 151.6, Fg DK green 40° foliati occ. Qtz. Calc. stringers
177.0	194.5	Fg Gabbro - 35° Cont @ 177.0, wk 30° - 40° foliation locally biotitic 30° Cont @ 194.5
194.5	225.5	Banded Gabbro - MFg intermit. Amphibblitic and Fg Andesit sec's, occ. Qtz. Calc. stringers and biotitic stringers, 30° - 40° banding
225.5	246.0	Biot. Chl. Amph Schist - 30° Sch. MFg Fg, Sw Andesitic 30° Cp veinlets @ 241.5
246.0	248.0	MFg-Fg Felsp. Amph - 35° Cont's
248.0	250.0	Andesitic Dyke - 35° Conts, Fg., DK Green
250.0	259.2	Banded Gabbro - 40° banding, MFg Sw biotitic, occ. Qtz. c stringer
259.2	268.7	Biot. Chl. Amph Schist - 30° Conts, scat Po, Py veinlets, rare Cp, spec. 8-10%, MFg
268.7	350.0	Banded Gabbro - 30° - 40° banding, locally biotitic, occ. Qtz. calc. stringer, 6" 40° Sil. vein @ 317.5
350.0	358.6	Volcanic Breccia - Siliceous, brecciated, irreg. flow bandir some epidote, 45° slip Cont @ 358.6
358.6	359.7	Qtz. Amph Breccia - 60% Qtz., irreg. Cp, Po, Py veinlets 35% Sulph. (2.0% Cu)
359.7	365.4	MFg Amph - Sw Chloritized, occ. Fg, irreg. Cp, Py veinlets and blobs, some finely disse Sulph. (40%)
365.4	371.0	Siliceous Chl. Schist - 50° - 70° Sch., No Sulph.

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO 8/8/68 PROVINCE OF ONTARIO

HOLE NO. A-12 DRILL HOLE LOG SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: REXDALE		Started: Jan. 1966
Latitude: 1500 W		Finished: Jan. 1966
Departure: 347 S	Bearing: Grid North	Depth: 576'
Elevation:	Dip: - 60°	Logged by: J.B. Carswell
371.0	375.0	MFg Biot. Amph. - Dissem. Sulph. blobs Cp+, Po (10%)
375.0	378.0	MFg Biot. Amph. - Dissem. Sulph. blobs Cp+, Po (4-6%)
378.0	380.5	Qtz. Amph. Breccia - Sulph blobs, veinlets @ 40° - 50°, Cp+, Po, Py (15%)
380.5	382.1	Mass Sulph. - Mass Po, Py, rare Cp in Qtz. Amph Breccia (70%)
382.1	384.0	Biot. Chl. Amph Schist - Occ. Cp spec (2-3%)
384.0	386.5	Biot. Chl. Amph Schist - MFg Amph rich sec's, occ. pink garnet, 45° Sch.
386.5	406.2	Volcanic Breccia - Irreg. banding, not quite as brecciated as 350 - 358.6
406.2	425.5	Biot. Chl. Amph Schist - Scat pink garnets locally siliceous, occ. small sec with finely dissem. Cp, Po 40° - 50° Sch.
425.5	428.0	Sil. Biot. Schist - 40° Sch., Hv biotitic @ 428.0
428.0	439.5	Banded Gabbro - 40° banding, locally biotitic, occ. Qtz. calc. stringer
439.5	453.0	Andesitic Dyke - Fg Dk green, occ. calc. Qtz. stringer 50° Conts.
453.0	456.0	Sericite Schist - 45° Sch., biotitic light coloured 40° Cont. @ 456.0
456.0	461.5	Volcanic Breccia
461.5	468.8	Biot. Chl. Amph Schist - occ. pink garnet 45° - 50° Sch. locally Gabbroic
468.8	469.5	Biot. Chl. Amph Schist - Cp+, Po blobs 10%
469.5	470.7	Biot. Chl. Amph Schist - No vis. sulph
470.7	484.0	Biot. Chl. Amph Schist - Locally Fg with banded Fe and Po @ 45° rare Cp blob (25%)
484.0	496.7	Biot. Chl. Amph Schist - V. rare Cp spec.
496.7	497.6	Biot. Chl. Amph Schist - Cp veinlets, blobs (8%)
497.6	502.2	Biot. Chl. Amph Schist - Scat. Cp specs. 4-6%
502.2	510.7	Chl. Schist - 45° Sch. dissem. Cp, Po veinlets (6%)
510.7	516.0	Biot. Chl. Amph Schist - Wkly dissem. Sulph 1 - 2%
516.0	518.4	Chl. Schist - 45° Sch, Po veinlets, rare Cp spec. (12%)
518.4	519.8	Chl. Schist - Cp, Po blobs, veinlets 20%, Est. 1% Cu
519.8	523.5	Shear Zone - 50° strong Chlorite, tight dissem. Cp, Po+
523.5	527.2	Chl. Schist - 40° - 50° Sch. tight dissem. Cp, Po+, 6-8% 35° Cont @ 527.2
527.2	557.5	Sil. Biot. Schist - 45° Sch., V. rare Cp. Spec.
557.5	558.5	MFg Biot. Gabbro - 45° foliation, dissem. Cp, Po blobs veinlets (10%) Est .80 Cu

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 8/9/66 PROVINCE OF ONTARIO

HOLE NO. A-12 DRILL HOLE LOG SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION

PROPERTY: REXDALE Started: Jan. 1966

Latitude: 1500 W Finished: Jan. 1966

Departure: 347 S Bearing: Grid North Depth: 576'

Elevation: Dip: - 60° Logged by: J.B. Caswell

558.5	573.0	MFg Biot. Gabbro - V. rare Cp spec.
573.0	576.0	Biot. Chl. Amph Schist - 45° Sch.
	576.0	END OF HOLE
		960' S, 2205' W of No. 1 Post KRL 53370
		Core Size AXT

HOLE NO. A-13 DRILL HOLE LOG SHEET NO. 1

PROPERTY: REXDALE Started: Jan. 1966

Latitude: 1400 W Finished: Jan. 1966

Departure: 295 S Bearing: Grid North Depth: 546'

Elevation: Dip: - 60° Logged by: J.B. Caswell

DIP TESTS:

	ETCH	TRUE
At 50'	64°	58°
At 250'	56° 30'	49° 30'
At 500'	47° 30'	42°

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0.0	40.0	Casing
40.0	49.3	Andesitic Dyke - occ. 30° Qtz. stringer
49.3	51.4	Sil. Biot. Schist - 30° Sch.
51.4	61.5	Andesitic Dyke - Fg Dk green, 35° cont @ 61.5
61.5	64.1	MFg Amph - 30° - 35° Fol., locally biotitic @ 30°
64.1	66.5	Mg Amph - Cp, blobs, Po veinlets, occ. Py blobs 10% Sulph (1.00%Cu); several pink garnets 2" 20° shear @ 66.5
66.5	81.9	Biot. Chl. Amph. Schist - 20° Sch., v. rare Cp spec. locally Sw siliceous
81.9	83.4	Biot. Chl. Amph. Schist - Cp specs, veinlets @ 30° (4%)
83.4	84.1	Biot. Chl. Amph. Schist - Cp specs, veinlets (10%)
84.1	93.4	Biot. Chl. Amph. Schist - Cp specs @ 89.5
93.4	94.0	Biot. Chl. Amph. Schist - Cp, Py blobs, veinlets (10%)
94.0	110.5	Andesitic Dyke - 30°, 45° conts
110.5	151.0	Banded Gabbro - several Po veinlets @ 110.5, locally biotitic, occ. Qtz. stringer Sw. brecciated; 127 - 129.5, 25° - 30° banding
151.0	153.5	Sil. Vein - Biotitic 30° banding, 30° cont's
153.5	168.0	Andesitic Dyke - scat. 20° - 30° Qtz. calc. stringers, Amphibolitic 153.5 - 155.0
168.0	171.5	MFG Gabbro - Sw biotitic, 40°, 45° conts
171.5	193.5	Qtz. Amph. Schist - Fg Amph with Qtz. stringers, 40° Sch., 30° Cont @ 193.5
193.5	204.2	Fg Gabbro - wk. 40° fol., 40° cont @ 204.2
204.2	209.3	Sil. Biot. Amph. Schist - 25° - 30° Sch., Cp, Po^{+}, Py^{+} veinlets @ 25° - 30° (15%) .50%Cu
209.3	216.0	Banded Gabbro - MFg 35° foliation, 30° cont @ 216.0
216.0	222.8	Volcanic Breccia - Sw porphoritic, 40° Cont @ 222.8
222.8	223.3	Biot. Qtz. Chl. Amph. Schist - several pink garnets
223.3	224.1	Biot. Qtz. Chl. Amph. Schist - Cp, Po blobs, 20% (3.00%Cu)
224.1	226.5	Biot. Qtz. Chl. Amph. Schist - Dissem. Cp
226.5	227.2	Volcanic Breccia - Dissem. Cp 35° cont @ 226.5
227.2	232.2	Volcanic Breccia - 35° cont @ 232.2

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO PROVINCE OF ONT

HOLE NO. A-13 DRILL HOLE LOG SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: REXDALE		Started: Jan. 1966
Latitude: 1400 W		Finished: Jan. 1966
Departure: 295 S	Bearing: Grid North	Depth: 546'
Elevation:	Dip: - 60°	Logged by: J.B. Caswell
232.2	249.5	MFg Gabbro - 40° fol.
249.5	253.6	Chl. Schist - Cp, Po+, Py+ veinlets @ 40°, 15% (.50% Cu)
253.6	270.2	MFg Gabbro - 45° fol., Sw. biotitic 45° cont @ 253.6
270.2	273.5	Semi Mass Sulph. - 30° Po, Py, Fe veins in a MFg Chl. Amph. Occ. Cp veinlet 60% Sulph. (.30 Cu)
273.5	278.0	Qtz. Amph. Breccia - 50% Qtz., 50% Mg Amph, V. rare Sulph spec.
278.0	280.5	Biot Chl. Amph. Garnet Schist - with several Qtz. incl's, 45° Sch. Mcg Amph. Chl.
280.5	289.5	Biot. Chl. Schist - 30° - 40° Sch. MFg
289.5	296.6	Sil. Chl. Schist - occ. Cp spec., 35° - 40° fol.
296.6	297.6	Mass Sulph. - 40° Fe vein with fine Po, Cp veinlets 90% Sulph. (.40 Cu)
297.6	332.5	Sil. Chl. Schist - 35° - 40° Sch.
332.5	342.5	Sil. Chl. Schist - Dissem. Sulph, Sulph veinlets @ 30° - 40° Cp, Po, Py 6%
342.5	345.4	Mass Sulph. - Mass Cp, Po with Qtz. Amph. incl'd, Cp veinlets @ 40° (4 - 5% Cu)
345.4	348.2	Banded Gabbro 40° banding, Dissem. Cp, Cp Po veinlets @ 40° (1% Cu)
348.2	357.5	Banded Gabbro -
357.5	395.9	Biot. Chl. Amph. Schist - 40° Sch.
395.9	409.5	Biot. Chl. Amph. Schist - Po, Cp veins, veinlets @ 30° - 50° scat Po veinlets, 30% Sulph.
409.5	419.5	Chl. Amph. Schist - locally biotitic, dissem. Cp, Po, 45° Sch. 4% Sulph.
419.5	426.6	Chl. Amph. Schist - as above
426.6	428.4	Biot. Ch. Amph. Schist - Dissem. Cp, Po, Fe, 12% Sulph, .30 Cu
428.4	433.6	Biot. Ch. Amph. Schist - M. Dissem. Cp, Po blobs, 30% Sulph, 3% Cu
433.6	437.8	Biot. Chl. Amph Schists - Cp, Po veinlets @ 45°, 45° Sch. (12% Sulph.) 1.00 Cu
437.8	451.2	Biot. Chl. Amph Schists - <1% Sulph.
451.2	457.0	Biot. Chl. Amph Schists - Dissem. Cp, Po several 45° veinlets, 6% sulph. .50 Cu.
457.0	466.2	Biot. Chl. Amph Schists - No vis. sulph.
466.2	476.3	Biot. Chl. Amph Schists - Dissem. Cp, Po, 8% Sulph. (.40 Cu)
476.3	478.0	Biot. Chl. Amph Schists - Rare Sulph spec. <1%
478.0	479.2	Biot. Chl. Amph Schists - Dissem. Cp, Po, blobs 12% (.80 Cu)
479.2	546.0	Biot. Chl. Amph Schists - locally siliceous with heavy [illegible] Cp Py specs @ 487.0
	546.0	END OF HOLE
		872' south, 2130' west of No. 1 Post KRL 53370
		Core size AXT

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 8/8/66 PROVINCE OF ONTARIO

HOLE NO. A-14 DRILL HOLE LOG SHEET NO. 1

PROPERTY: REXDALE Started: Jan. 1966

Latitude: 1100 W Finished: Feb. 1966

Departure: 252.5 S Bearing: Grid North Depth: 517'

Elevation: Dip: - 60° Logged by: J.B. Caswell

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		DIP TEST: ETCH TRUE
		@ 50' 64° 58°
		400" 52° 46°
0.0	41.5	Casing
41.5	55.5	MFg Amph - locally felspathic, occ. Qtz. incl. 2" 25° Sch. @ 52.5 1" 35° Py veinlets @ 53.0
55.5	59.0	Fg Gabbro - 45°, 30° conts
59.0	141.5	MFg Amph. - Wk 25° Fol., locally Cg with brecciated Qtz., V. rare Py, Cp spec., 45° Py veinlet @ 92.5, Cp blobs 93.2 - 94.0 (Est. .50 Cu); 20° Py veinlet @ 105.5 becoming very siliceous 102.0 - 141.5 40° Po veinlets
141.5	176.0	Iron Formation - Chl. Schist, locally biotitic with banded Magnetite @ 30° with some Po, rare Cp blob, spec.
176.0	201.0	Chl. Biot. Amph. Schist - 30° - 35° Sch. locally Gabbroic
201.0	202.8	Semi Mass Sulph. - 35° Fe, Po, veinlets in Chl. Amph. 95% Sulph. Several Cp blobs (est. .25 Cu)
201.0	204.0	Chl. Biot. Amph. Schist - 35° Sch.
204.0	225.5	Sil. Chl. Schist - 35° - 45° Sch. Patchy Py, Po, Cp spec's, >1% Sulph., several Fe veinlets
225.5	227.3	Biot. Chl. Amph. Schist - 45° Fe, Po veinlets, Cp veinlets, blobs, Est. (.80 Cu) 40% Sulph.
227.3	228.4	Biot. Chl. Amph. Schist - locally siliceous Cp, Po, Fe veinlets @ 35° 25% Sulph. Est (1.40 Cu)
228.4	232.0	Sil. Iron Formation - 45° Cont @ 228.4, rare Cp spec, 35° cont @ 232.0
232.0	275.2	Sil. Biot. Chl. Schist - 35° - 40° Sch., locally Amphibolitic, scat. Cp specs, locally dissem. Specs. all less than .25 Cu.
275.2	283.0	Biot. Chl. Amph. Schist - 40° Sch. Dissem. Cp, Po, veinlets @ 40° 10% Sulph. Est. .80 Cu
283.0	293.5	Biot. Chl. Amph. Schist - As above except 6% Sulph. Est. .40 Cu
293.5	298.8	Biot. Chl. Amph. Schist - As above except 10% Sulph. Est. .90 Cu
298.8	326.5	Biot. Chl. Amph. Schist - Rare Cp spec, locally siliceous
326.5	383.8	Sil. Chl. Schist - Locally Amphibolitic, Chloritic, 25° - 45° banded Fe, Po, 20% Sulph., rare Cp spec.
383.8	385.8	Semi Mass Sulph. - Brecciated Po with Cp blobs, veinlets in Chl. Amph. Schist (1.5 Cu) 95% Sulph.
385.8	387.8	Biot. Chl. Amph. Schist - Cp, Po, Fe blobs, veinlets 10% 25% Sulph. (1.00 Cu)

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO 8/8/69 PROVINCE OF ONTARIO

HOLE NO. [illegible] DRILL HOLE LOG SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION

PROPERTY: [illegible] Started: Jan. 1966

Latitude: 1100 W Finished: Feb. 1966

Departure: 252.5 S Bearing: Grid North Depth: 517'

Elevation: Dip: - 60° Logged by: J.B. Caswell

387.8	398.1	Biot. Chl. Amph. Schist - 40° Sch., finely dissem. Cp, 1-2% Sulph. .40 Cp
398.1	402.0	Semi Mass Sulph. - Brecciate Po, Cp in Qtz. with some Amph. 30° conts, 65% Sulph. (2.50 Cu)
402.0	407.7	Sil. Chl. Schist - 40° Sch. dissem. Cp, Po + veinlets (.30 Cu
407.7	411.0	Sil. Chl. Schist - 45° Cont @ 411.0
411.0	510.4	Sil. Biot. Chl. Schist - 35° Sch., locally Amphibolitic, finely dissem. Po, Cp, est. (.15 Cu), occ. pink garnet; occ. Po, Cp spec. blob 477.5 - CW - 498.0
510.4	512.0	Sil. Biot. Chl. Schist - Amphibolitic, mass siliceous Cp Po blobs Est. (3.00% Cu) 45° Sch.
512.0	517.0	Biot. Chl. Amph. Schist - somewhat siliceous, 45° Sch.
	517.0	END OF HOLE

703 South, 1875 West of No. 1 Post Kkl 53370

Core Size AXT

REGISTERED PROFESSIONAL ENGINEER
MINING
JOHN D. FILO
8/8/66
PROVINCE OF ONTARIO

HOLE NO. A-16 DRILL HOLE LOG SHEET No. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION

PROPERTY: [illegible] Started: Feb. 1966

Latitude: 1150 W Finished: Feb. 1966

Departure: 220 S Bearing: Grid North Depth: 368'

Elevation: Dip: - 60° Logged by: J.B. Caswell

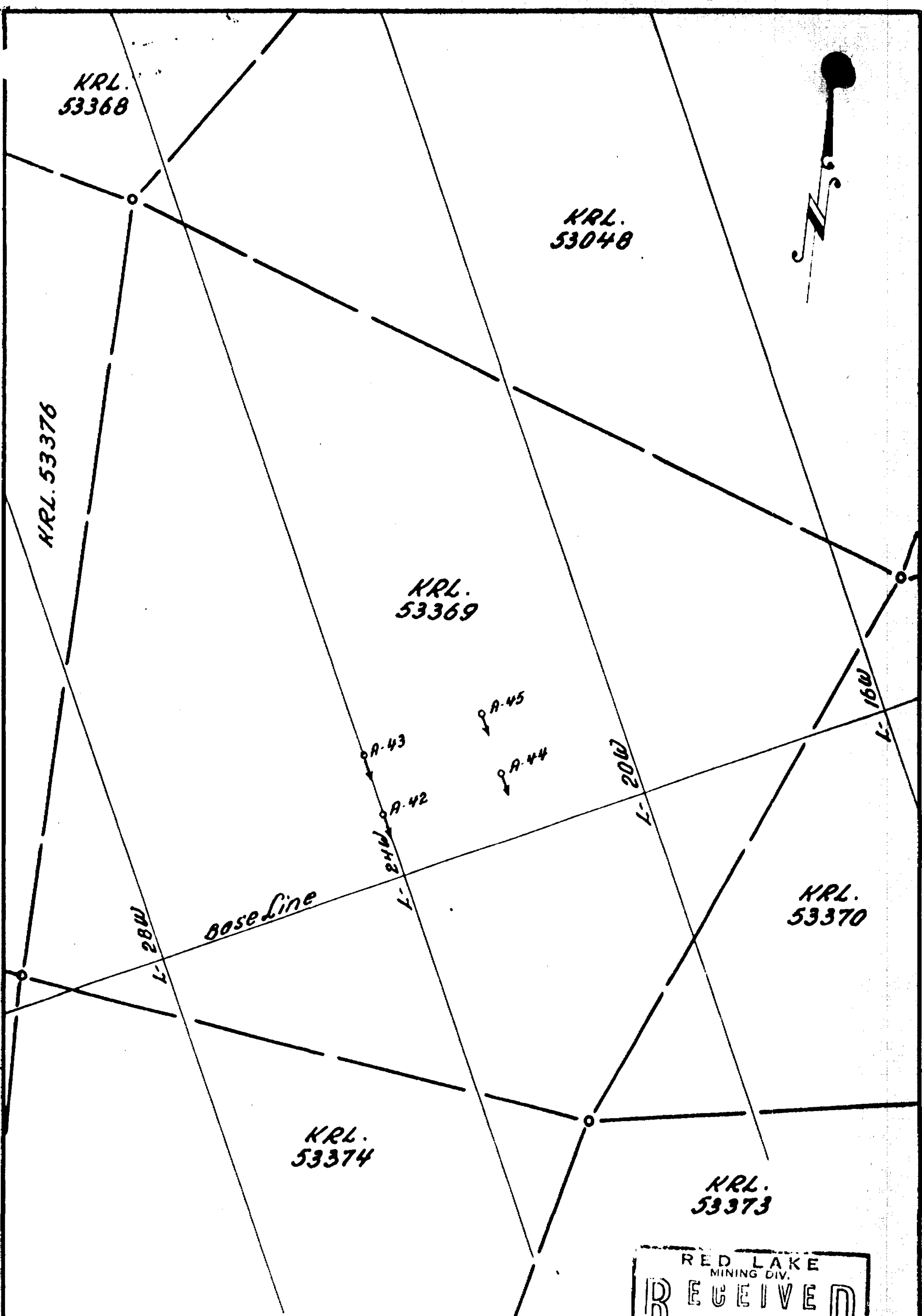
DIP TEST:

	DIP	TRUE
@ 175'	- 60°	- 54°
@ 360'	- 53° 30'	- 47° 30'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0.0	62.0	Casing
62.0	80.0	Qtz. Amph. Breccia - Minor Po, Py with rare Cp Spec 75.0 - 76.0
80.0	112.5	Sil. Chl. Schist - Locally Amphibolitic, 30° - 40° Sch., Fe, Po, Py veinlets @ 30° - 40° with rare Cp spec. 10% Sulph.
112.5	166.0	Sil. Biot. Amph. Schist - Sw chloritic, 1/2" 30° sheared cont. @ 112.5, 30° Sch. pink garnets 163.5 - 164.5
166.0	196.0	Sil. Iron Formation - 25° cont @ 166.0, locally Amphibolitic chloritic, banded @ 30°, Mag with minor Po, Py, v. rare Cp spec.
196.0	226.3	Sil. Biot. Schist - 35° - 40° Sch., 45° Cont @ 196.0
226.3	230.7	Sil. Chl. Schist - Biotitic, locally Amphibolitic Mag, Po, Cp veinlets @ 45° Cp blobs, dissem. (1.50 Cu)
230.7	240.0	Sil. Biot. Schist - 40° Sch. locally Amphibolitic, occ. pink garnet v. rare Sulph spec.
240.0	241.3	Sil. Biot. Schist - Dissem. Cp, veinlets @ 40° (1.25 Cu)
241.3	277.5	Sil. Biot. Chl. Amph. Schist - 40° - 45° Sch. occ. Po blobs, veinlet 35° Cp veinlet @ 276.5; two 45° Cp veinlets 277.0
277.5	332.5	Banded Iron Formation - Banded Mag, Po, Py, v. rare Cp spec in Sil. Chl. Schist, locally biotitic and amphibolitic, 20° - 45° banding, 20% Sulph.
332.5	337.5	Banded Iron Formation - Cp blobs, veinlets @ 35° (1.00 Cu)
337.5	352.5	Banded Iron Formation - 35° Mag, Po, Py with minor Cp spec veinle 30° - 50° banding
352.5	368.0	Sil. Biot. Schist - 40° cont. @ 352.5, minor Cp specs (.20 Cu 365.5 - 368.0
	368.0	END OF HOLE

69[illegible]' South and 1980 West of No. 1 Post KRL 53370

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 3/8/66 PROVINCE OF ONTARIO



RED LAKE
MINING DIV.
RECEIVED
7 8 9 10 11 12 1 2 3 4 5 6

REXDALE MINES LIMITED

AREA OF FREDART LAKE
RED LAKE MINING DIVISION
ONTARIO

DRILL PLAN

SCALE: 1" = 200'   DATE: Aug., 1966

PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
14/9/66

FILO GEOPHYSICS LIMITED

FILO GEOPHYSICS LIMITED

HOLE NO. A-42 DRILL HOLE LOG SHEET NO. 1

NOTE: A-42 started -45°S; casing sheared off 62'; hole recollared at -60°S

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: REXDALE MINES LTD., FREDART LAKE		Started: Aug. 1, 1966
Latitude: 1 + OON		Finished: Aug. 8, 1966
Departure: 24 + OOW	Bearing: Grid South	Depth: 469.0 ft.
Elevation:	Dip: -60°S /47°-250' /42°-469'	Logged by: B. A. Edmond
0	50.0	overburden
50.0	203.0	mainly leuco. biot. and biot.-chl. schist, local acc. garnet, narrow matic bands of chl.-garnet sch., amphib. and biot.-chl. sch., occasional qtz. veinlets 73.1 - 75.4 f.g. equignan. leuco. rock, minor acc. biot. and musc. slightly shr. (acid dike?) 138.7 - 141.1 f.g. porph. 'diorite' 180.5 - 181.4 f.g. porph. 'diorite' Sch. 55° - 51' 35° - 76' 30° - 125' 45° - 150' 30° - 193' gradational contact
203.0	360.0	mainly m.c.gr. sch. amphib. and garnet amphib. biot. amphib., minor leuco. amphib., qtz. veinlets, occasional blebs po, c 204.0 - 221.0 irreg. blebs and veinlets po and cp in silic garnet amphib. 241.0 - 245.0 leuco. amphib. sparse diss. po 290.0 - 325.0 v. sparse blebs and diss. sulphides around qtz. veinlets Sch. 45° - 224' 35° - 250' 50° - 325' 50° - 345' gradational contact
360.0	420.5	mainly leuco. sch. amphib. and biot. amphib., bands matic amphib., local acc. garnet (tuff metased?) Sch. 50° - 398'
420.5	452.5	f.g. sch. amphib. and leuco amphib. Sch. 55° - 450'
452.5	469.0	c.gr. garnet amphib., blebs sulphide 453.0 - 457.5 diss. po, sparse blebs cp Sch. 45° - 465'
	469.0	End of hole.

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 4/9/68 PROVINCE OF ONTARIO

FGL-12

FILO GEOPHYSICS LIMITED

HOLE NO. A-43 — DRILL HOLE LOG — SHEET NO. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION

PROPERTY: REXDALE MINES LTD. FREDART LAKE — Started: Aug. 9, 1966

Latitude: 24 + 00W — Finished: Aug. 14, 1966

Departure: 2 + 00N — Bearing: Grid South — Depth: 534.0

Elevation: — Dip: 60° — Logged by: W.L. Macnamara

ACID TEST: 250' 48°
534' 38°

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	15.0	Overburden
15.0	40.4	Interbanded B. Amph. Bio. Chl. Schist
40.4	231.1	Leucocratic Bio. Chl. Schist Loc. acc. Amph. Lo narrow Bx. local bands of Bio. Amph. acc Garnet 122.3 - 224.3 f.gr. gran. Amph. Basi dike? not the same as other dikes 216.3 - 217.7 f.g. sheared acid dike 275.0 - 277.0 Dio porphy.
231.1	491.5 ~~491.3~~	Garnetiferous Bio. Amph. local banding 332.0 - 340.0 Meta cherty I.F. Amph. Garnet, blobs po sparse Cp 344.5 - 351.5 Blebs and v. cp. Amph. Siliceous material 420.0 - 452.0 Blobs cp po Bio. Amph.
491.5	534.0	Interbanded Bio. Chl. Schist occ. cp. py Amph. acc local, Garnet Schistosity: 25 - 30° 70 - 45° 150 - 40° 200 - 40° 245 - 50° 300 - 50° 325 - 50° 375 - 60° 400 - 45° 455 - 50° 494 - 40° 500 - 40°
	534.0	End of hole.

REGISTERED PROFESSIONAL ENGINEER
MINING
JOHN J. D. FILO
14/9/66
PROVINCE OF ONTARIO

FGL--12

FILO GEOPHYSICS LIMITED

HOLE NO. A44-W DRILL HOLE LOG SHEET NO. 1

PROPERTY: REXDALE SNAKE WEED LAKE Started: Aug. 15, 1966

Latitude: 22 + 00 W Finished: Aug. 21, 1966

Departure: 1 + 00 N Bearing: Grid South Depth: 526.0'

Elevation: Dip: 60°/526' 47° Logged by: W.L. Macnamara

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	16.0	Casing
16.0	50.0	Interbanded Bio. Amph. Schist. Local acc. chl. garnet; some qtz. bio. bands
50.0	112.0	Bio. Amph. Schist, loc. acc. Chl. garnet qtz. blobs
112.0	147.0	Garnetiferous Amph. small diorite dikes. Loc. acc. Bio. Specs. cp banded qtz.
147.0	168.7	Chloritic Banded Schistose rock. Local acc. some Bio. and qtz. banding.
168.7	174.0	Amphibole
174.0	191.8	Diorite
191.8	198.2	Pyroxene (?)
198.2	250.0	Amphibolite, local acc. qtz. garnet chl.
250.0	277.0	Interbanded Bio. Amph. Loc. acc. qtz. garnet a few chloritic bands
277.0	354.0	Amphibole Loc. acc. a little Bio. specs cp.

37.5 Sch. 35°

35.7 - 48.7 Breccia

64.1 - 65.0 Diorite dike

84.0 Sch. 35°

104.0 Sch. 35°

110.0 - 112.0 Diorite dike

123.0 Sch. 35°

141.5 - 143.7 Diorite dike chilled edges contact

155.7 - 157.5 Sand coloured Biotitic banded rock

158.3 - 166.5 Chloritic material some bands of I.F. Blebs and veinlets of po little cp. Some silicious material

166.5 - 168.7 Band of reconstituted impure quartzite

174.0 Sch. 25°

197.0 Sch. 40°

221.0 - 231.8 Blobs of cp and fine diss. some po in a greyish green actinolitic type rock

232.0 Sch. 30°

235.0 - 240.0 Silicious material blebs and diss. cp

243.9 - 244.5 Breccia

251.5 Lone blebs of cp. 3"

262.6 - 264.4 Actinolitic rock specs of cp

281.0 Sch. 35°

288.2 - 291.5 Amph. and later sil. mater considerable cp

312.0 - 316.7 Some qtz. chlorite blendin into Amph. some Bio. and q filling of schist. Considerable cp visible

329.0 Sch. 30°

342.0 Sch. 30°

327.2 - 331.0 Bands of very coarse Hornblendite

351.0 Sch. 25°

300.0 - 354.2 f.g. Diorite dike specs cp

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO PROVINCE OF ONTARIO

FGL-12

FILO GEOPHYSICS LIMITED

HOLE NO. A44-2 DRILL HOLE LOG SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION

PROPERTY: REXDALE SNAKE WEED LAKE Started: Aug. 15, 1966

Latitude: 22 + 00 W Finished: Aug. 21, 1966

Departure: 1 + 00 N Bearing: Grid South Depth: 526.0'

Elevation: Dip: 60°/526' 47° Logged by: W.L. Macnamara

354.0	526.5	f.g. Amph. specs cp occ banding. Local acc. Bio. and qtz. filling of bands	375.0	Sch. 30°
			375.5 - 376.5	f.g. diorite dike
			395.0 - 396.7	Band v. coarse Hornblende cp
		Sch. Chl. bands - garnets	398.0	Sch. 37°
			407.0 - 408.0	Leucocratic rock amph.
			415.0 - 417.2	Leucocratic rock amph.
			458.1 - 460.2	Garnetiferous Amph. blobs and veins of cp
			467.0	Sch. 35°
			479.5 - 486.6	Diorite dike
	526.5	End of hole	512.5	Sch. 32°

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 14/9/68 PROVINCE OF ONTARIO

FGL 12

FILO GEOPHYSICS LIMITED

HOLE NO. A45 DRILL HOLE LOG SHEET NO. 1

PROPERTY: REXDALE SNAKE WEED LAKE Started: Aug. 21, 1966

Latitude: 22 + 00 W Finished: Aug. 30, 1966

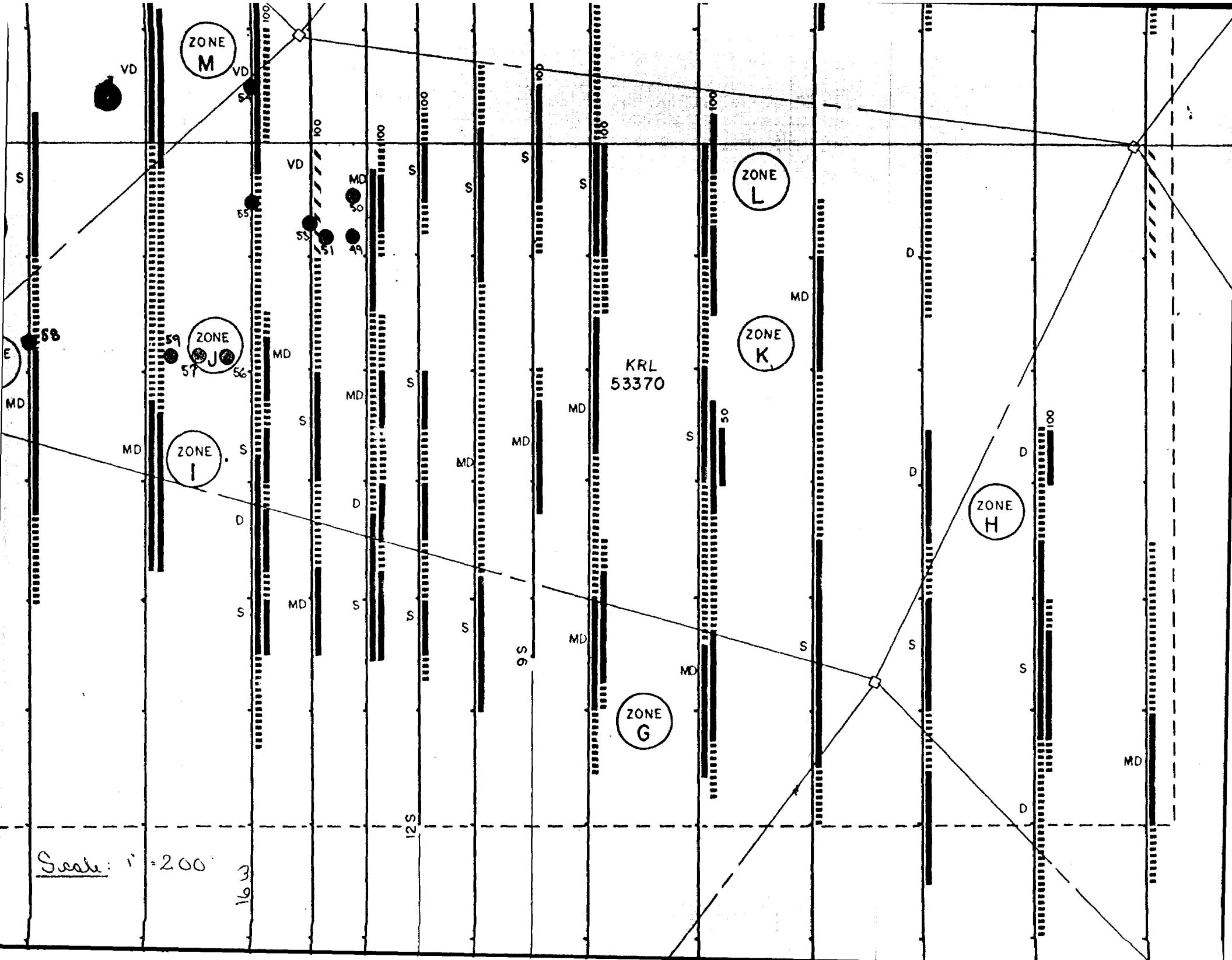
Departure: 2 + 00 N Bearing: Grid South Depth: 640'

Elevation: Dip: 60°/640' 50° Logged by: W.L. Macnamara

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION		
0	19.0	Casing		
19.0	424.5	Interbanded Bio. Amph. Loc. acc. garnet chloritic bands little qtz.	39.0	Sch. 36°
			54.3 - 57.2	Breccia specs cp
			85.0 - 90.0	Granite dike
			75.0	Sch. 20°
			100.0	Sch. 30°
			129.0 - 129.4	Small leucocratic dike diorite
			146.4 - 148.8	Granite dike some sericite
			149.0	Sch. 40°
			168.5	Sch. 36°
			224.0	Sch. 36°
			242.0	Sch. 35°
			262.5 - 263.8	Missing core (drill)
			286.0	Sch. 30°
			292.5 - 294.3	Amphibole
			298.2 - 301.9	Diorite
			303.5 - 307.1	Amphibole spec cp
			307.1 - 310.2	Band of Chloritic material interspersed with some cp mostly po
			312.0 - 313.2	Banded I.F. with dess. cp
			315.2 - 336.4	Hornblende porphry
			340.4 - 341.3	Diorite dike
			341.3 - 349.5	Garnetiferous Bio. Amph. blobs of cp and f diss cp
			350.0 - 351.8	Very coarse Hornblende with Garnet
			351.8	Sch. 40°
			351.8 - 385.9	Blobs and f. diss cp Amph. Chl. and silicious material
			387.6	Sch. 30°
			392.0 - 394.4	Silicious material fine diss cp
			397.0	Sch. 37°
424.5	550.0	Banded Chloritic material Loc. acc Bio and bands of dark greenish Bio. Amph. specs. cp and qtz.	442.0	Sch. 35°
			442.0 - 443.0	Amphibolite
			460.4 - 465.5	Garnetiferous Bio. Amph.
			465.5 - 471.4	Schist spec. cp. Amphibolit f. decc and blebs of cp
			471.4 - 472.4	Leuco. Bio.
			496.2 - 506.0	Diorite dike with occ. qtz. banding spec. cp
			506.0	Sch. 30°
			510.5 - 513.5	Fault breccia 541.0 Sch. 32
			515.0 - 518.0	Fault breccia
			549.5 - 550.0	Dark greenish grey qtz. sand filled fracture
			576.8 - 586.0	Dark green aphanite rock
			590.0	Sch. 37°
			613.0 - 615.2	V. coarse Amph. spec cp (Lamprophyre dike?)
			625.0 - 640.0	Amph. weakly schisted
		End of hole		

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 14/9/66 PROVINCE OF ONTARIO

FGL-12


ZONE M
ZONE L
ZONE K
ZONE J
ZONE I
ZONE H
ZONE G
KRL
53370
VD
MD
S
D
100
50
12S
9S
Scale: 1" = 200'
163

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-49

FOOTAGE FROM	TO	DESCRIPTION
0-		Casing
	32.0	
32.0		Amphibole-biotite gneiss, foliation at 80° to C.N., medium to coarse grained probably gabbro, poor banding, Quartz veinlets 2%, pyrite 2%.
	80.0	Garnets in zone I5%-$\frac{1}{4}$" size banding at 75 to core normal. Amphibolite medium to fine-grained.
	II6.0	Amphibolite fine grained, dense
	I29.0	
I29.0		Mineralized zone-medium silica, medium biotite, garnets I0%, pyrite 3%, chalcopyrite 5%, foliation at 80° to core normal.
	I3I.0	Low mineral dense medium to fine-grained.
	I34.0	Mineralized as above
	I45.0	
I45.0		Amphibolite gneiss as at start of hole, low mineral, medium to fine-grained, contact at 50° to C.N.
	I86.0	
I86.0		Mineralized zone as above, some good sulphide-6% chalcopyrite-foliation at 70° to 80° to C.N., host amphibole
	I89.5	
I89.5		Fault zone-late stage-carbonate slip in at 70° C.N., host amphibole gneiss-biotite with garnets, no sulphide foliation low to medium at 79° C.N.
	I95.0	Bad coring- at contact area- shatter host, fine grained even textured trachyte.
	I98.0	
I98.0		Trachyte-red orange alteration massive fine grained to aphanitic patchy silica alteration-grid like- non mineralized-no foliation could be late as sections at bottom contact are shattered & chloritized.
	203.5	
203.5		Mineralized zone-amphibole breccia type-grey color, large crystals suspected-pyrite I0%, chalcopyrite I%-poor foliation contact area abrupt.
	2I2.5	pyrrhotite I5%, magnetite 5% suspect iron formation band color deepens with chlorite.
	242.0	Amphibole breccia grey green as above- low sulphide
	255.0	Mineralized-I0% pyrrhotite, I% chalcopyrite
	260.8	Biotite amphibole contact, coarse grained, pyrite 5% chalcopyrite I%, garnets coarse I5%
	270.0	brown fine grained facies, low mineral
	278.0	amphibole breccia zone as above, low sulphide, grey olive green color, poor foliation.
	3I0.5	heavy sulphide-pyrrhotite 25% , chalcopyrite 6%, garnets I0% iron formation magnetite I0%.
	3I9.0	grey chloritized amphibole breccia, low mineral
	327.0	
327.0		Amphibolite dense fine grained bladed [illegible] at start of hole gabbro like-poor foliation
	342.0'	Finis

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. CISLER
PROVINCE OF ONTARIO

SAMPLE AND ASSAY RECORD

PROPERTY: REXDALE
D.D. HOLE No. A-49

SAMPLE NUMBER	FOOTAGE	FEET	Cu%	Ag oz/ton	Au oz/ton
50I5	I29.0-I3I.5	2.5'	0.I5	0.20	-
50I6	I35.0-I40.0	5.0'	0.I8	0.28	-
50I7	I40.0-I45.0	5.0'	0.34	0.50	-
50I8	I86.3-I88.4	2.I'	I.48	I.32	-
50I9	228.8-232.I	3.3'	0.I7	tr	-
5020	234.I-245.0	I0.9'	0.I5	tr	-
502I	249.3-250.0	0.7'	0.36	0.20	-
5022	255.0-260.8	5.8'	0.I2	tr	-
5023	260.8-265.8	5.0'	0.03	0.22	-
5024	268.8-270.0	I.2'	0.I7	tr	-
5025	275.0-279.0	4.0'	0.I7	tr	-
5026	3I0.5-3I5.0	4.5'	0.63	0.24	-
5027	3I5.0-3I8.5	3.5'	0.75	0.32	-

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. EISLER
PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-50

FOOTAGE FROM	TO	DESCRIPTION
0-		Casing
	I6.0	
I6.0		Hornblende gneiss-mineralized zone- pyrite 8%, pyrrhotite 6% chalcopyrite I%, medium grained, 20% quartz, foliation at 80°to C.N.- brown mica I5%
	60.0	Medium coarse grained foliated at 80°to C.N., 30% quartz low mineral, I0% brown mica.
	I00.0	Mineralized as above, medium to coarse grained hornblende gneiss.
	I05.6	
I05.6		Biotite gneiss fine grained acidic facies foliated along contact, note some garnets, quartz 40%, fine grained biotite low sulphide 5% mainly pyrite
	II7.0	Hornblende gneiss inclusion mineralized
	II9.0	Biotite gneiss as above
	I20.2	Medium to coarse grained hornblendite inclusion
	I24.0	
I24.0		Hornblendite, fine grained, massive poor foliation, could be contact facies. Note Q/C veinlets 5% .
	I45.0	Grades into medium to coarse grained hornblendite foliated
	I54.0	Grades back into fine grained facies with 5% Q/C veinlets.(Watch for volcanics or diorite) some fair quartz veining local, not significant, note patchy buff alteration locally, rock is generally massive and amphibolitized.
	202.0	Grey-buff hydrothermal alteration 30% of zone brings out texture of hornblendite. Dykelet of diorite is I5°C.N. at 205.2'
	227.0	Hornblendite fine grained, hydrothermal alteration 5%, Q/C veinlets 5%, poor foliation
	260.0	
260.0		Trachyte or highly altered hornblendite, mauve tinted, hydrothermal alteration
	265.0	Mineralized pyrite 8%; garnets I0%; some coarse grained
	27I.0	
27I.0		Fault zone-clay rich carbonated, brecciated section; poor banding at 30°C.N.
	272.5	High silica,red alteration-trachytic breccia zone
	277.0	Bottom contact 45°C.N.
277.0		Hornblendite gneiss, medium to coarse grained, foliation 70°C.N. I5% quartz, I5% brown mica
	293.0	Rock becomes fine grained almost gradational Q/C veining 5%.
	300.0	Abrupt change back to medium to coarse grained hornblendite Movement suspected, biotite rich; some scattered sulphide. Note chalcopyrite along stringer zones. Hole close to good intersection? Foliation 70°C.N.
	3I7.0	Gradational change to fine grained hornblendite; some Q/C veining with good chalcopyrite leaning 3% of rock
	352.0'	Finis

PROPERTY: Rexdale Mines Ltd. Fredart Lake — Started: Nov 2/68

Latitude: I425 W — Finished: Nov 4/68

Departure: 87.5 S — Bearing: vertical — Depth: 352.0'

Elevation: — Dip: 90 — Logged by: S.E. Malouf

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. DIGLER
PROVINCE OF ONTARIO

SAMPLE AND ASSAY RECORD

PROPERTY: REXDALE
D.D. HOLE No. A-50

SAMPLE NUMBER	FOOTAGE	FEET	Cu%	Ag oz/ton	Au oz/ton
5028	I5.8-26.I	I0.3I'	0.06	tr	-
5083	26.I-35.0	8.9'	0.II	tr	-
5037	35.0-45.0	I0.0'	0.06	tr	-
5042	45.0-55.0	I0.0'	0.08	tr	-
5045	55.0-59.7	4.7'	0.06	tr	-
5047	73.2-74.2	I.0'	0.06	tr	-
5048	99.0-I07.5	8.5'	0.I6	tr	-
5052	I07.5-II5.0	7.5'	0.I0	tr	-
5055	II5.0-~~I32.5~~ 123.5	8.5'	0.II	tr	-
5058	265.0-268.9	3.9'	0.48	0.24	-

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. [illegible]
PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-5I

FOOTAGE FROM TO | DESCRIPTION

PROPERTY: Rexdale Mines Ltd. Fredart Lake | Started: Nov. 3./68

Latitude: I475 W | Finished: Nov. I3/68

Departure: I62.5 | Bearing: vertical | Depth: 5I0.0'

Elevation: | Dip: 90° | Logged by: S.E. Malouf

0-	Casing
	38.0
38.0	Hornblende gneiss medium to coarse grained, fairly even textured gneiss at 70° C.N., some coarse veinlets I5% quartz.
	49.0 Medium to fine grained as above- some patchy brown mica alteration, even textured, fairly massive, occasional coarse horizon with silica alteration and negligible chalcopyrite.
	70.8 Gneissic banding more pronounced 20% silica, medium to coarse grained-quartz veining with coarse hornblende I5% carrying I% chalcopyrite, banking at 70° to core normal.
	II7.0 Coarse grained hornblendite quartz injection I0% with 2% clean chalcopyrite.
	I34.0 Medium to fine grained hornblendite I5% quartz rude gneissic banding at 70° C.N., some brown mica alteration. Occasional medium to coarse grained veinlets with light brown alteration, very little quartz.
	223.0
223.0	Fine grained host, aphanitic. Some movement suspected, grain size change due to movement.
	225.6 Medium to fine grained hornblendite, poor banding; occasional veinlets of medium to coarse grained material.
	234.0
234.0	Patchy buff silica alteration, I0%, in hornblendite host; probable alteration from trachyte below. Medium to fine grained occasional bands of coarse hornblendite; fine grained
	250.0 Reddish brown carbonated alteration becoming more intense 25%; host appears to be medium to fine grained hornblendite.
	262.0 Reddish brown feldspathic alteration of medium to high intensity, 40% of rock. Related to fault zone?
	269.5
269.5	Fault zone. Carbonated clay rich- mud seams suspected in 25° C.N. Zone of high alteration with red buff alteration 70% of rock. Balance appaars fine grained hornblendite, bad coring to 272.0
	272.0 Trachyte- red brown color, fairly solid, possible high alteration zone or acidic dyke.
	276.0 Shattered Q/C veinlets. I5% fine grained aphanitic host acidic dyke or high alteration zone?
	278.5
278.5	Hornblendite? Very fine grained mass nonbanded but appears to have needles of hornblende. Q/C veining 5%. Red brown alteration I0%; still getting effective faulting.
	293.0 Hornblendite- medium to coarse grained, poor gneissic banding at 70° C.N.
	302.0
302.0	Mineralized zone, garnet rich-mica rich carrying I5% sulphides mainly pyrite, some po. and negligible chalcopyrite. Garnets very coarse grained.
	3I8.0

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. DISLEE
PROVINCE OF ONTARIO

Hole No. A-5I

FOOTAGE FROM	TO	DESCRIPTION
	318.0	Biotite gneiss, fine grained, some hornblende needles, but 40% quartz. Fine banded habit of sedimentary type. N.B. even textured-massive, brown red color.
	330.5	
330.5		Hornblendite? Very fine grained even textured- massive, non nonbanded Q/C veinlets 5%- some red brown alteration 5%.
		347.0 Narrow shear band 70° C.N. 2" band
		350.0 Mass as above; facies of hornblendite? Some shatter & alteration, suggests fault movement
	360.0	
360.0		Fault zone. Q/C veinlets 10% shatter , light to medium chlorite, grey-buff alteration 15% , fault zone along edge of shear or zone of movement.
	368.0	
368.0		IF -Quartzite type, banded at 70°-40° CN. Quartz 60% of zone Magnetite bands 20%, light green tremolite alteration throughout.
	407.0	
407.0		Mineralized zone IF host 30% sulphide; 15% pyrite; 10% po. 1-2% chalcopyrite.
	420.0	
420.0		IF-quartzite type as above. Probably once a living horizon.
		430.0 Some coarse diopside crystals
		438.0 Heavy IF 30% magnetite banding at 80° W. N.
		470.0 Diopside rich host, occasional bands of magnetite
		483.0 Narrow band of coarse sulphide ; 20% po. , 5% pyrite 2% chalcopyrite.
		484.0 Diopside rich-lining IF band.
		510.0 Finis

SAMPLE AND ASSAY RECORD

PROPERTY: REXDALE
D.D. HOLE No. A-5I

SAMPLE NUMBER	FOOTAGE	FEET	Cu %	Ag oz/ton	Au oz/ton
5060	I20.7-I2I.4	0.7'	0. 28	0.28	-
506I	30I.7-306.7	5.0'	0. 02	0.30	-
5062	306.7-3II.7	5.0'	0. I2	tr	-
5063	3II.7-3I6.7	5.0'	tr	tr	-
5064	37I.0-374.0	3.0'	0. I2	tr	-
5065	374.0-385.0	II.0'	0. I4	tr	-
5068	385.0-395.0	I0.0'	0. 06	tr	-
5070	395.0-405.0	I0.0'	0. 03	tr	-
5072	405.0-4I5.0	I0.0'	0. 08	tr	-
5074	4I5.0-420.3	5.3'	0. 27	tr	-

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. EISLER
PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-52

FOOTAGE FROM TO | DESCRIPTION

PROPERTY: Rexdale Mines Ltd. Fredart Lake — Started: Nov. 18/68

Latitude: I400 W — Finished: Nov. 18/68

Departure: ~~87.5 S~~ 125.0 S — Bearing: vertical — Depth: 305.0'

Elevation: — Dip: 90° — Logged by: S.E. Malouf

0- Casing
I6.0

I6.0 Iron formation horizon- grey to white color, medium to fine grained gneissic banding at 80° C.N., 2% magnetite; tremolite (fine grained) 30%; silica or white amphibole 50%; some black chloritoid material?(magnetite); probably an altered limey sandstone mineralized. Pyrite 3%, chalcopyrite I%, some negligible pyrrhotite
38.0 Narrow ½" mineralized band at 80° C.N. carrying good type sulphide to 40.0'
40.0

40.0 Limey IF scattered sulphides; at 45' 5% pyrite; 2% chalcopyrite I% po. as above, foliation(banding) 65 C.N.
48.0 IF magnetite 5%; pyrite 5%; po.3%; chalcopyrite I% magnetite patchy; some coarse amphibole(diopside) type crystallization with some hornblende needles ; good mineralization mineralization 5I-52' with diopside.
83.0 Fine bladed tremolite with chloritoid; low silica banding 70 C.N.
90.0 IF(quartzite type) low magnetite; high silica.
II2.5

II2.5 Mineralized zone; siliceous IF host; high silica, low carbonate low chlorite to medium chlorite; banding variable 60-80 C.N. sulphide 20%(pyrite I0%;chalcopyrite8%; po. I%)
I23.0

I23.0 Major change in rock type- garnet rich outer zone,medium to coarse grained and I5%. Low sulphide; biotite 30%; silica 55% sulphide 3% mainly pyrite.
I28.0 Siliceous host, fine grained facies; some patchy coarse sulphide; galena-sphalerite mineralization- suspect Ag. as from I30.5-I3I.5
I36.0 Patchy coarse sulphide ore type, coars e grained actinolite mica(biotite) alteration. 6% chalcopyrite, suspect hornblende gneiss
I43.5

I43.5 Hornblende gneiss; banding 70C,N. medium to coarse grained hornblende, poor mica alteration (20%) biotite-some grey brown patchy epidote? 20% silica; 20% brown mica; 60% hornblende sulphide I0% of which 2% chalcopyrite.
I72.0 Grey brown mica alteration increases. Note some patchy coarse garnets, low mineralization , near ore; to I82.0
I82.0

I82.0 Mineralized contact zone, I5% sulphide 6% chalcopyrite; 6% po. 2% pyrite. Garnet-mica alteration patchy.
I89.0 Mineralized zone; siliceous host; as above
I98.0

I98.0 Altered IF quartzite, high alteration , grey buff silica; little magnetite; poor banding 45-80° C.N. patchy sulphide along fracture planes with mainly pyrite and some chalcopyrite
2I9.0 Mineralized zone 6% chalcopyrite; po.5%; 2% pyrite fine grained tremolite host.
223.0 Quartzitic sediment IF as above. Some scattered sulphide

REGISTERED PROFESSIONAL ENGINEER GEORGE S. [illegible] PROVINCE OF ONTARIO

Hole No. A-52

FOOTAGE FROM	TO	DESCRIPTION
229.0		Fault zone , shattered type, bad coring(cement), some some kaolinization; Q/C veinlets 8%; scattered sulphides chalcopyrite and pyrite, post ore movement.
		237.0 Fault, foliation I5 CN, clay carbonate alteration flat angle fault.
		238.0
238.0		Quartzite IF type; scattered sulphide.
		252.0 Coarse grained hornblende-garnet type,
		257.0 IF quartzite type, highly siliceous; pyrite 5%; po. 5%, chalcopyrite 1%; some patchy IF.
		270.0
270.0		Fault zone with chloritization and coarse ½" anhedral crystals(cubic), light buff color in high chloritized material. Post ore?
		277.0
277.0		Siliceous sediment as above with pseudo IF, fine grained like but some coarse crystallization suspected.
		292.0
292.0		Mineralized zone, high silica; coarse grained diopside chalcopyrite 4%; po. 5%; pyrite 5%. Banding 80° CN, magnetite 5% to 302.0
		302.0 Banded tremolite occasional IF band, scattered sulphide.
		305.0 Finis

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PROVINCE OF ONTARIO

SAMPLE AND ASSAY RECORD

PROPERTY: REXDALE
D.D. HOLE No. A-52

SAMPLE NUMBER	FOOTAGE	FEET	Cu %	Ag oz/ton	Au oz/ton
5075	II2.3-I20.0	7.7'	2.60	I.38	-
5077	I20.0-I23.0	3.0'	I.5I	2.26	-
5078	I23.0-I28.7	5.7'	0.I4	0.26	-
5079	I28.7-I32.4	3.7'	0.55	0.86	-
5080	I32.4-I37.4	5.0'	I.34	0.58	-
508I	I37.4-I43.7	6.3'	I.48	0.78	-
5082	I82.0-I94.5	I2.5'	0.89	0.44	tr
5084	2I9.I-223.5	4.4'	0.87	0.38	-
5085	229.5-234.6	5.I'	0.26	0.24	-
5086	29I.8-304.8	I3.0'	0.56	0.30	-
5II3	I00.0-II2.3	I2.3'	0.I6	tr	-
5II4	I43.7-I5I.2	7.5'	0.I5	tr	-
5II5	I5I.2-I6I.2	Io.o'	0.29	0.20	-
5II6	I6I.2-I7I.2	I0.0'	0.3I	0.20	-
5II7	I7I.2-I82.0	I0.8'	0.I4	tr	-
5II8	I94.5-205.0	I0.5'	0.I3	tr	-
5II9	205.0-2I9.I	I4.I'	0.09	tr	-
5I20	276.5-285.0	8.5'	0.04	tr	-
5I2I	285.0-29I.8	6,8'	0.09	tr	-

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PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-53

FOOTAGE FROM	TO	DESCRIPTION

PROPERTY: Rexdale Mines Ltd. Fredart Lake — Started: Nov 16/6

Latitude: I500 W — Finished: Nov 17/6

Departure: I40.0 S — Bearing: vertical — Depth: 394.0'

Elevation: — Dip: 90° — Logged by: S.E. Malouf

0-	Casing
	35.0
35.0	Hornblendite - hornblende 70%; Quartz 20%,poorly banded garnet I0% Rude banding 80° to core normal.
	46.0 Quartz veining with carbonate, could be zone of movement, 40% Q/C in 80° to CN.
	5I.0 Hornblendite as above, medium to fine grained and massive.
	65.0 Hornblendite medium to fine grained,massive, better foliation 80°-70° to CN. 80% of rock is hornblende.
	I65.0 Gneissic banding 80° to CN, some Q/C injection-pegmatitic type with feldspars. Small garnets continue up to this point.
	I86.0 Hornblendite coarse grained with coarse grained large sized garnets I5%; poor foliation, massive.
	232.0 Garnets 25% of zone, rock mass, light shearing , hornblendite
	255.0 Q/C veinlets 8%, grey buff hydrothermal alteration I5%
	260.0 Hornblendite becomes finegrained.
	275.0 Q/C veinlets I5% buff-grey-red veining 30%-approaching a fault zone. Host appears to be massive fine grained hornblendite mass but shattered.
	292.0
292.0	Fault zone. Shatter clay-midstream type-bad coring Q/C veining 25%; general sense at 20° CN, medium chlorite looks like post ore movement. 2-3' trachyte.
	307.0
307.0	Hornblendite fine grained, fairly even textured, massive Q/C veining, I5% red buff alteration, 20% hydrothermal alteration near fault zone. Rude banding 70° CN.
	335.0 Hornblendite medium to coarse grained, poor banding, Q/C veing 5%; buff alteration I0%
	370.0 Hornblendite medium to coarse grained, Q/C veining 5%,some patchy hydrothermal alteration.
	394.0 Finis

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PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-54

FOOTAGE FROM	TO	DESCRIPTION
PROPERTY: Rexdale Mines Ltd. Fredart Lake		Started: Nov. I9/68
Latitude: I600 W		Finished: Nov. I9/68
Departure: I00.0 N	Bearing: vertical	Depth: 333.0'
Elevation:	Dip: 90°	Logged by: S.E. Malouf

0-	Casing
	I3.I'
I3.I	Amphibolite, dark green, I5% medium brown biotite, poor foliation 90° to core normal.
	I6.6-I6.7 2" shear in at 60° to CN in hornblendite as above,
	I9.3 ¼" gouge, light green in at 70° to CN.
	I9.8
I9.8	Biotite gneiss, black biotite crystals oriented perpendicular to weak foliation (90° CN); medium chlorite to 38'; becoming more sericitic after 38'. Massive-medium grained, some quartz.
	53.5
53.5	Amphibolite, rude gneissic banding 85° CN, medium grained equigranular texture, high sericite; trace of pyrite and chalcopyrite.
	63.I
63.I	Biotite gneiss as at I9.8, gneissic banding 70° to CN from 83-86'.
	9I.0 Mineralized zone in biotite gneiss, high sericite; some hornblende crystals, 8% po., 4% chalcopyrite from 93.4-94.0
	I0% lenticular quartz.
	97.0 Biotite gneiss asabove, lenticles of clear quartz I5%, 30% biotite, poor foliation. Shearing 60° to CN from II4.-I55.5 near to fault contact.
	II5.5 Possible fault zone, 3" white quartz, ser icitized, poor coring.
	II6.0
II6.0	Amphibolite-siliceous, some light brown mica, 40% amphibole; scattered chalcopyrite ½%. Lenticular distribution and orientation pf amphibole and quartz 90 to CN, becoming more massive at I30.0'.
	Light sheared at 60° to CN at I34.5'.
	I34.5 Dark green color, fine grained hornblende; some brown mica, fine gneissic banding 90° to CN, becoming contorted at contact below.
	I4I.9
I4I.9	Diorite or fine grained volcanic, light grey to green color, fine grained mass mineralized I42.-I45.0', 4% pyrite and ½% chalcopyrite, I% Q/C fractures.
	I49.4 Fine grained mass, dark grey, high biotite, trace of pyrite and trace of chalcopyrite.
	I6I.5 Contact zone, clear quartz 85%; I5% dark brown biotite, I% chalcopyrite.
	I65.0
I65.0	Amphibolite-25% amphibole, I0-I5% biotite, lenticular banding 90° CN Coarse grained-massive, trace of pyrite and trace of chalcopyrite, I% light brown-red alteration, ½% chalcopyrite throughout; quartz decreasing.
	263.0 Micaceous, red-brown alteration increases approaching fault zone; trace of chalcopyrite.
	273.0
273.0	Fault zone- brecciated, injected with white quartz 5%, contact at 65-70° CN.
	273.8 Trachytic red brown clay alteration brecciated 2% Q/C stringers, trace of pyrite.
	277.8

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PROVINCE OF ONTARIO

Hole No. A-54

FOOTAGE FROM	TO	DESCRIPTION
277.8		Amphibolite as above plus 165' of 2% Q/C fractures, medium to coarse grained fairly massive, trace of pyrite and trace of chalcopyrite, some red-brown alteration approaching possible fault or contact. 284.0 Possible fault zone-no movement suspected, high siliceous crossed by quartz stringers; spot black sericite and light green sericite. 284.6
284.6		Volcanic-light green, high sericite to medium chlorite, fine grained, 2% vesicles filled with feldspar and quartz; 2% Q/C stringers. 5% -10% biotite; poor lineation 80°CN- massive, some black bladed biotite, 306.0' garnets noted. 333.0 Finis

SAMPLE AND ASSAY RECORD

PROPERTY: REXDALE
D.D. HOLE No. A-54

SAMPLE NUMBER	FOOTAGE	FEET	Cu%	Ag oz/ton	Au oz/ton
5I22	53.4-63.0	9.6'	0.03	tr	-
5I23	9I.0-94.5	3.5'	0.08	tr	-
5I24	I4I.9-I45.0	3.I'	0.07	tr	-
5I25	I58.5-I65.0	6.5'	0.08	tr	-

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PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

DRILL HOLE LOG

Hole No. A-55

FOOTAGE FROM	TO	DESCRIPTION
PROPERTY: Rexdale Mines Ltd. Fredart Lake		Started: Nov. 21/68
Latitude: I600W		Finished: Nov. 24/68
Departure: I00.0 S	Bearing: N 23 W	Depth: 524.1'
Elevation:	Dip: 65°	Logged by: S.E. Malouf

0- Casing

45.0

45.0 Biotite gneiss, gneissosity 50°-60° to CN, lineation in places where hornblende not formed, high biotite and high quartz-carbonate, medium grained garnets 5%; mineralized grey 6% po., 4% pyrite, 3% chalcopyrite; greater contact 55°CN

49.2 Mineralized high grade , medium grained massive; I0% chalcopyrite; trace of pyrite greater than 60° CN; hornblende Q/C , chlorite.

5I.0 Biotite gneiss as above, high biotite; 5% Q/C; I0% coarse grained garnets; gneissosity I0% tremolite-actinolite mineralized 4% chalcopyrite; 3% pyrite 60° CN.

65.0 Hornblende, chlorite, Q/C type dyke as above- medium grained fairly massive. 2% chalcopyrite, greater than good contact at 65° to CN.

66.0 Biotite gneiss fine grained equigranular-distinctive 60% biotite; 40% spots Q/C. Little mineralization, fairly massive gradational into a low grade hornblende-biotite gneiss.

68.5 Hornblendite-(hornblende-biotite gneiss) coarse grained hornblende 6I.5-62.5 high chlorite; I5-20% fine grained Q/C some light brown alteration. Well mineralized 60.5-62.0 I0% chalcopyrite; 5% pyrite; remains are 2% pyrite, I% chalcopyrite, 5% coarse garnets.

76.0 Good mineralization seems to be concentrated in Q/C

94.I Hornblende-gneiss, high tremolite-actinolite; 5% clean calcite; light grey to green color; 5% Q/C mineralization.

I00.7 Contact zone into tremolite-actinolite-biotite gneiss, 5% quartz-cutting across gneissosity, high biotite I% chalcopyrite, grey dyke I00.7-IoI.7.

Io3.0

I03.0 Tremolite-actinolite-biotite gneiss. Gneissosity in ¼" fine grained bands, 5% Q/C; biotite major to I05.0' where there is a 3" quartz vein.

I05.3 Essentially tremolite-actinolite gneiss as above, I0% biotite, 5% Q/C, good sulphide 3-4% chalcopyrite to I09.2'.

II3.2 Fine grained intrusive looking , massive in at 50° CN tremolite-actinolite plus Q/C, light grey color, out at 50° CN, 8% pyrite and chalcopyrite.

I20.5 Tremolite-actinolite biotite gneiss as above, 30% biotite from I22.0-I23.0' some quartz veining from I27.0 to I32.0'. Some garnets at I38.0 - I42.7, quartz plug at 245° S

I42.7 Mineralized zone in host as above, powdery pyrite I0% minor po.; trace chalcopyrite. Assay for Au as well.

I49.6 Grey dyke- garnets at extremeties, repetition around dyke, very fine grained almost aphanitic, could be finer grained facies of above, whispy pyrite, po. mineralization to I50.5, good contacts both at 70°CN.

I53.8 Tremolite-actinolite-biotite gneiss mass as above, grey color to I58.2, then getting darker green; small garnets to I57.5- siliceous looking. 5% pyrite, trace of chalcopyrite.

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PROVINCE OF ONTARIO

Hole No. A-55

FOOTAGE FROM	TO	DESCRIPTION
		I57.5 Mineralized zone in tremolite-actinolite type, whispy chalcopyrite, po., 5% red brown biotite mass looking I0% po.-pyrite; I% chalcopyrite to I62.0'. Quartz white and clear plus small garnets 5% from I62.0- I72.5 approaching fault zone or contact, very mass looking from I62-I68.5. I68.5 Fault zone in amphibolite as above, movement at flat angles to core; 40% red brown alteration mineral, trace of chalcopyrite. I70.0
I70.0		Tremolite-actinolite, I0% red brown biotite medium grained massive looking, trace of garnets and trace of chalcopyrite. Fine grained facies at I73,0-I75.0. trace of sulphides, rude gneissic banding at I75.0' at 45° CN. I78.5 I0% quartz and small garnets to I83.0' mass. I84.9 Grey dyke or fault, fine grained mass, some red type of alteration in at 65 CN out at 20° CN. I86.0 Tremolite-actinolite biotite;gneissic rude at 45° CN fine grained biotite to I88.0, medium grade-I0% biotite and gradational to a very fine grained facies, almost dyke at I93.0 no biotite. Good chalcopyrite I83.7-I90.0 Gradational back to medium grade facies by 2I6.0 2I6.0 Tremolite-actinolite-biotite (I0% red brown)gneissic at 50 CN to 200' then massive and medium to coarse grained better sulphides where biotite-actinolite bands, rude gneissic banding at 45° CN. 249.5
249.5		IF band-high siliceous black amphibole crystals, chlorite I0% 20% chalcopyrite; 20% po. to 250.6, disseminated spots to 25I.6
25I.6		Amphibolite high chlorite; black amphiboles to 256.7 5% biotite; 5% clear quartz, greater than good contact at 45° CN.
253, 0/12	/12.8	256.7 Iron deficient horizon, grey with I0% biotite, some tremolite-actinolite bands. I0% reddish silica, fine grained massive good looking biotite crystals light grey in color. Light grey material either sericite or actinolite; greater than good contact at 45° CN. 260.4
260.4		Amphibolite- excellent large crystals, hornblende in Q/C 20% mass, I5% chalcopyrite, I0% pyrite. Contact below at 50 accompanied by quartz introduction. 262.3
262.3		Quartz biotite gneiss, highly siliceous, dark grey to light grey in color, very fine gneissic banding 55° CN, trace of pyrite, 2% garnets. 270.0-272.5 Tremolite-actinolite horizon medium grained more massive looking 2% quartz-not mineralized, greater than good contact at 45° CN. 272.5 As above, some garnets, trace of chalcopyrite, light grey highly siliceous. 279.0 Possible fault zone, pseudo breccia quartz veins conformable to gneissosity at 60° CN. 280.2 Quartz-biotite gneiss; gneissosity 60° CN fine grained trace of pyrite; very minor trace of chalcopyrite, highly siliceous, light grey color, some clear quartz- possible gold scattered garnets. 300.4

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PROVINCE OF ONTARIO

Hole No. A-55

FOOTAGE FROM	TO	DESCRIPTION
	300.4	Possible volcanic series- Quartz/ biotite gneiss, some garnets, foliation at 60° CN.
	308.5	Amphibolite 15% shiny red-brown biotite, trace of chalcopyrite.
	3I4.6	Medium grained andesite looking biotite, chlorite Q/C, trace of chalcopyrite, high biotite on extremeties.
	323.5	Amphibooite medium grained, some biotite.
	327.0	Andesite like rock.
	33I.5	Amphibolite , trace of chalcopyrite; medium to fine grained almost dyke like, 333.8 - 337.8. where there is more biotite and Q/C banded at 45° to CN.
	343.0	Grey dyke, some quartz injedtion.
	343.8	Quartz/ biotite, chlorite rock, fine grained, some chalcopyrite along shear planes.
	356.I	IF type in at 55° CN out at 50° CN; quartz and trace of chalcopyrite.
	356.6	Quartz/biotite, tremolite-actinolite type; trace of sulphides.
	359.4	Amphibolite whispy white Q/C 20%, chalcopyrite fracture 85° CN at 363.2'
	364.0	Quartz/Biotite type with garnets 20%.
	367.7	Amphibolite small fault at 368.6 with clay and sericite ¼", few garnets increasing.
	37I.6	Quartz/garnet/biotite type with grey dyke 372-373.0 irregular contact.
	372.7	Grey dyke-little red alteration, some garnets and biotite; pyrite 375.0-375.5 and 377.0'. Quartz injections and gashes 373.3-374.3, chalcopyrite at 382.3-383.0 which leads to Quartz/biotite garnet type at 392.2 with traces of pyrite and chalcopyrite.
	395.3	Andesite-light green very soft hornblende fine grained grading into at 42I.0 a grey dyke with quartz injections, bad coring 422.5-423.5 with light grey sericite.
	423.8	Andesite, grading into quartz/biotite type, disseminated chalcopyrite good in places in cross fractures and seams with general foliation.
	454.0	Diorite dyke? Medium grained mass, some chalcopyrite
	459.7	Amphibolite medium grained mineralized-diorite, biotite contact 2% chalcopyrite, 2% po.
	463.6	Possible IF type quartz, tremolite-actinolite chalcopyrite po. mineralization.
	464.4	Good 45 contact with tremolite-actinolite biotite quartz type; chalcopyrite disseminated ½%.
	478.0	Quartz/biotite type, some sulphides, chalcopyrite po. in tremolite-actinolite band at 483.6-484.0
	484.0	Volcanic looking aphanitic andesite mass-grey dyke? some biotite seams.
	494.2	Quartz/ biotite type-dull trace garnets; possible IF band, mineralization at 509.6-600.0' Amphibolite band 5I0.3-5II.0 with sugary quartz/carbonates good contacts 40 CN with quartz biotite type.
	524.I	Finis

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PROVINCE OF ONTARIO

SAMPLE AND ASSAY RECORD

PROPERTY: REXDALE
D.D. HOLE No. A-55

SAMPLE NUMBER	FOOTAGE	FEET	Cu %	Ag oz/ton	Au oz/ton
5I26	45.0-49.2	4.2'	0.I3	tr	-
5I27	49.2-5I.2	2.0'	I.48	0.80	-
5I28	5I.2-60.0	8.8'	0.07	tr	-
5I29	60.0-66.0	6.0'	0.06	tr	-
5I30	66.0-70.4	4.4'	0.02	tr	-
5I3I	70.4-77.3	6.9'	0.80	0.36	-
5I32	77.3-85.0	7.7'	0.06	tr	-
5I33	85.0-94.2	9.2'	0.36	tr	-
5I34	94.2-I00.9	6.7'	0.52	tr	-
5I35	I00.9-I09.3	8.4'	0.4I	tr	-
5I36	I42.7-I49.6	6.9'	0.05	tr	nil
5I37	I49.0-I57.8	8.8'	0.03	tr	nil
5I39	I57.8-I62.0	4.2'	0.06	tr	nil
5I40	236.3-237.6	I.3'	0.I9	tr	nil
5I4I	249.5-25I.6	2.I'	I.52	0.27	0.0I
5I42	260.4-262.3	I.9'	I.89	0.52	-
5I43	459.7-464.4	4.7'	0.90	0.36	-

REGISTERED PROFESSIONAL ENGINEER
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PROVINCE OF ONTARIO

COPPER-LODE MINES LIMITED

DRILL HOLE LOG

HOLE NO. A-56

DESCRIPTION

PROPERTY : Rexdale Mines Limited, Fredart Lake STARTED : Nov 25

SECTION : 1650 375' S.B.L. FINISHED : Nov 29

Latitude : 1650 W Bearing : N23° W

Departure : 375.0 S Dip : 65° bearing north

Elevation : Depth : 609.5' Logged by : R. Larson

0-		Casing
	15.0	
15.0		Very fine grained amphibolite - quartz 17.5, 18.0, 18.4
	20.0	Siliceous amphibole gneiss. Fine grained banding 60°CN.
	28.0	Medium grained andesite - almost aphanitic contorted Quartz C bands - microfolding 36' grading into fine grained amphibolite at 37'.
	43.0	Medium grained amphibolite - tremolite-actinolite type with 10% biotite. 10% Quartz C bands. At 43.5' traces of po, chalcopyrite, sphalerite.
	49.6	Siliceous mineralised type; garnets and biotite at contact; ½% chalcopyrite, 2% pyrite-po; with biotite, quartz, sphalerite in quartz 51.5.
	52.8	Medium grained tremolite-actinolite biotite type with thick clear quartz veinlets; trace po, chalcopyrite; 3% chalcopyrite in quartz 60.5-60.9.
	65.1	Quartz biotite type - large grained, some tremolite-actinolite.
	72.5	Medium grained andesite trace chalcopyrite becoming better grained. Chalcopyrite in quartz 87.3-88.9 siliceous and biotite into contact with garnetiferous amphibolite at 97.5.
	102.5	Contact into fine grained amphibolites with thick quartz and small garnets. White sugary and grey quartz alteration 102.5-103.3.
	106.5	Finely banded amphibolite medium grained, 5% biotite tremolite-actinolite type going into fine grained species and medium grained andesite.
	120.2	Andesite medium grained, 10% biotite bands. Traces po, chalcopyrite.
	130.5	Medium grained amphibolite 30% grey bands, some garnets. Medium grained amphibolite - trace chalcopyrite, trace po 137.2-142.9 by tremolite-actinolite coarse grained, 2% garnet in glaucophane 145.4 band trace chalcopyrite.
	147.0	Andesite medium grained biotite bands 3% and grey green tremolite-actinolite bands 5% with clear quartz 65° core normal.

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HOLE NO. A-56

DESCRIPTION

175.3 Large grained quartz-biotite type Some large garnets to 178' intrusive looking in places. Medium grained massive trace chalcopyrite.

190.5 Andesite medium grained - Quartz C stringers. 5% dark brown biotite stringers. Very fine grained, almost massive. Some ¼" quartz gashes becoming medium grained and more massive.

259.4 Amphibolite medium grained massive.

263.0 Grey quartz biotite type.

268.5 Tremolite-actinolite, 10% biotite quartz C type trace chalcopyrite, trace pyrite with high grade 271.6-275.2 8% chalcopyrite.

302.5 Medium grained - fine grained amphibolite to 305.2.

305.2 Grey biotite-quartz type

311.7 Medium grained andesitic type with very black dyke 314.8-315.2.

318.0 Quartz biotite type - medium grey.

323.2 - 323.8 - Coarse grained amphibolite trace chalcopyrite.

323.8 Quartz biotite type grey color almost a diorite dyke.

331.0 Fine grained amphibolite large garnets 339.5-341.0.

331.0 Light grey Quartz biotite type.

333.0 Fine grained amphibolite or andesite - massive looking trace chalcopyrite, trace pyrite from 329.0-329.5. Some garnets 341.0-346.0.

340.3 Quartz biotite type massive looking, a few garnets. 10% pyrite-po from 366.5-370.5.

345.1 Amphibolite, biotite seams trace garnets. Very fine grained 373.0-374.3.

339.3 Amphibolite medium grained massive dark green

350.5 Quartz biotite type.

352.5 Andesite - dark green - Quartz C 5%, biotite seams quite massive

374.7 Diorite dyke.

375.9 Amphibolite

384.9 Clear quartz veinlet.

385.1 Quartz biotite type.

387.2 Coarse grained massive amphibolite.

388.4 Siliceous mineralised zone. 8% pyrite, 8% po, 4% chalcopyrite from 389.4-391.7 - wispy po.

391.7 Coarse grained amphibolite - glaucophane type. 5% po, 2% chalcopyrite, some Quartz C.

395.8 As above, trace chalcopyrite, po - 2" po chalcopyrite - 400.8-401.0.

403.4 Quartz biotite - tremolite-actinolite type, fine grained gneissic banding at 70° core normal - medium grey color.

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GEORGE S. DEER
PROVINCE OF ONTARIO

HOLE NO. A-56

DESCRIPTION

405.7	Coarse grained amphibolite dark green 15-20% po, 5% pyrite, 1% chalcopyrite, wispy type.
407.9	Quartz biotite - amphibolite gneiss - garnetiferous to 409.1.
409.1	Siliceous mineralised zone in amphibolite 50% po, 5% pyrite, trace chalcopyrite.
410.6	Quartz biotite-amphibolite gneiss as above.
411.1	Medium grained andesite - very fine grained trace po, pyrite some fine grained Quartz C Lightly banded contorted at contact below.
417.9	Quartz biotite amphibolite type - Lightly banded 65° core normal traces po, pyrite - getting coarser grained.
436.3-446.3	Amphibolite - approaching or in a fault zone. Very fine grained
446.3	Fault zone light green some light red-brown alteration spots - brecciated, quartz gashes, badly cored 450-454. Funny greyish-green color.
454.0	Approach into very high siliceous, garnetiferous biotitic zone with traces pyrite, chalcopyrite. Some red-brown alteration. Mineralised 1F type 460.7-461.0.
462.7	Fault zone - light grey-red color - high clay alteration. This may be main fault zone - bad coring, thick quartz gashes - coarse garnets, biotite, chlorite, quartz from 468.0-473.3.
473.3	Quartz vein.
473.8	Quartz rich amphibolite, glaucophane, garnets 476.3-478.0 8% po, 5% pyrite trace chalcopyrite.
478.0	Mineralised zone - magnetite 15%, glaucophane, some Quartz C 8% po, 3% chalcopyrite.
483.9	Amphibolite - Medium grained fairly massive, some ¼" quartz stringers, 5% biotite.
501.5	Quartz biotite tremolite-actinolite type at 60° core normal, a few garnets, trace sulphide.
510.8	Mineralised contact zone. Quartz biotite, a few garnets. Medium grained, massive, intrusive looking 1% chalcopyrite.
513.4	Siliceous 1F type excellent sulphides, banded magnetite 10%, po 60%, quartz 30%, chalcopyrite 6%.
523.0	Siliceous 8% chalcopyrite, 4% po, 3% chlorite, 2% magnetite.
530.1	Diorite dyke quartz and biotite medium grained, massive, 5% pyrite.
532.1	Siliceous 1F as above. 25% po, 6% pyrite, 5% chlorite, no magnetite, trace sphalerite - 544, trace galena at 539 and 543-44.

513.4 <-----

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. LIDLER
PROVINCE OF ONTARIO

HOLE NO. A-56

DESCRIPTION

546.7	Tremolite-actinolite-biotite type, some garnets. 10% Quartz/C 2% chalcopyrite, 2% pyrite-po.
556.0	Quartz biotite type, contorted at contact. Fairly massive like diorite dyke. Barren.
560.0	Quartz biotite tremolite-actinolite type at 60° core normal trace chlorite, sulphides are spotty.
579.0	Amphibolite, very fine grained, massive.
590.0	Mineralised and some garnets - in amphibolite Siliceous 8% po, 3% chalcopyrite, wispy po.
593.0	High siliceous quartz biotite type.
595.5	Siliceous zone - 10% chlorite - biotite - not mineralised.
596.6	Quartz biotite tremolite actinoli-e type trace sulphides.
609.5	End of Hole.

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. [illegible]
PROVINCE OF ONTARIO

COPPER-LODE MINES LIMITED

SAMPLE AND ASSAY RECORD

D.D. Hole No.: A-56

Property: REXDALE

Sheet No.:

FOOTAGE FROM	FOOTAGE TO	CORE LENGTH FEET	COPPER	SILVER	LENGTH X COPPER	LENGTH X SILVER
473.8	478.0	4.2	0.07	trace	0.294	trace
478.0	483.9	5.9	0.06	trace	0.354	-
483.9	510.8	27.9	Not assayed	-	-	-
510.8	513.4	2.6	0.09	trace	0.234	-
473.8	483.9	10.1	0.06%	trace	0.648	
473.8	513.4	39.6	0.02%	trace	0.882	
						Ag. Au.
513.4	518.0	4.6	1.07	0.70 sm.tr.	4.922	3.220
518.0	523.0	5.0	0.39	0.28 -	1.950	1.400
513.4	523.0	9.6	0.72%	0.48oz	6.872	4.620
523.0	530.1	7.1	2.17	1.89 0.01	15.407	13.419 0.07
530.1	532.1	2.0	0.03	tr. -	0.060	- -
532.1	537.8	5.7	1.29	0.89 0.01	7.353	5.073 0.06
537.8	542.8	5.0	4.87	5.90 0.02	24.350	29.500 0.10
542.8	546.7	3.9	3.90	3.86 0.02	15.210	15.054 0.08
523.0	546.7	23.7	2.63%	2.66oz 0.01	62.380	63.046 0.31
513.4	546.7	33.3	2.08%	2.03oz 0.009	69.252	67.666 0.31
546.7	550.0	3.3	1.25	1.00 trace	4.125	3.300 -
550.0	556.0	6.0	0.31	0.20 -	1.860	1.200
523.0	550.0	27.0	2.46%	2.46oz 0.01	66.505	66.346
546.7	556.0	9.3	0.64%	0.48oz -	5.985	4.500
513.4	550.0	36.6	2.01%	1.94oz -	73.377	70.966
513.4	556.0	42.6	1.77%	1.69oz -	75.237	72.166
590.2	592.0	1.8	0.55	trace -	0.990	trace

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. DISLER
PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED

Hole No. A-57 — DRILL HOLE LOG

FOOTAGE FROM TO — DESCRIPTION

PROPERTY: Rexdale Mines Ltd. Fredart Lake — Started: Nov 29

Latitude: I700 W — Finished: Dec 1/

Departure: 375 S — Bearing: north — Depth: 265'

Elevation: — Dip: 55° — Logged by: R. Larson

FOOTAGE FROM	TO	DESCRIPTION
0-		Casing
	27.0	
27.0		Andesite, very fine grained amphibolite type. fine grained, dark colored, trace of sulphides, medium grained siliceous at 30.-35.0' grading into green andesite type.
		36.5 Green andesite type, fine grained with Q/C veinleys 5% often appearing microfolded or flow type structures., massive with very poor lineation 50° to CN.
	39.6	
39.6		Amphibolite, fine grained, lineation pwrsists to 46.6 then becomes massive and intrusive looking (finer grained) amphibolite..
		46.7 Contact zone fine grained quartz biotite type, mineralization from 47.I-48.I 3% chalcopyrite, 2% pyrite with good amphibole, grey, highly siliceous, trace of garnets.
	48.7	
48.7		Quartz/biotite garnetiferous, trace of chalcopyrite, fine grained garnets which grade into medium grade, I5% Bands of fibrous and needle like amphibole; 5% pyrite and light brown alteration spots 50.6-54.0
		5I.8 Light grey altered contact zone grades into very fine grained amphibolite
		52.2 Fine grained amphibolite, medium green color, massive 5% Q/C veinlets, garnets in biotite rich areas, I5% biotite rude lineation 60° to CN.
		66.0 Medium grey colored, massive, medium grained, quartz/biotite type, radiating light green amphibole.
	7I.3	
7I.3		Andesite-medium green, very fine grained, aphanitic, Q/C veinlets, some biotite, amphibole rich bands; 5%; trace pf pyrite and chalcopyrite. in Q/C.
		94.6 Very fine grained amphibolite dyke, dark green, massive.
	96.2	
96.2		Tremolite/actinolite type, rude gneissic banding 45° to CN., trace of garnets; patchy sulphides, mainly chalcopyrite in quartz veinlets.
		I28.3 Contact, very fine grained amphibolite, black and massive.
		I29.IQuartz/biotite/tremolite/actinolite medium green, fine grained-aphanitic- shows flow type in Q/C veinlets; andesitic bands, garnetiferous I43-I46.0'
		I48.0 Dark green, fine grained amphibolite, looks almost andesitic, good po. mineralization I5I-I52.5
	I53.8	
I53.8		Andesite, medium green, aphanitic and sheared, comtact 50° to CN, fine grained po., pyrite I56.4
	I57.9	
I57.9		Coarse grained amphibolite-mineralized-40% po.; 2% chalcopyrite; highly siliceous.
	I59.I	
I59.I		And3site as above, very fine grained, po. chalcopyrite to I6I.5
		I63.I Abrupt change to light grey-green fine grained massive, quartz rich amphibolite 5% biotite, lineation [illegible]

REGISTERED PROFESSIONAL ENGINEER GEORGE S. [illegible] PROVINCE OF ONTARIO

Hole No. A-57

FOOTAGE FROM	TO	DESCRIPTION
		I69.3 Andesite medium green color, fine grained less likely sheared, pyrrhotite stringers I74.I-I74.5 amphibole rich band.
		I80.8 Very fine grained amphibolite or diorite dyke.
		I8I.7 Andesite-quartz/biotite rich seam I82.5-I83.0
		I87.I Fine grained andesite or amphibolite massive banded 45° -20° to CN, white , loght grey biotite, Q/C layers; trace of sulphides, few garnets in amphibole rich area.
		208.5
208.5		Amphibolite, dark green-very small garnets 2% mineralized I% chalcopyrite, I% pyrite; 2% Q/C.
		2I4.6 Grey quartz/biotite type-I0% tremolite/actinolite small garnets in biotite bands.
		226.0 Amphibolite, dark green, very fine grained garnets in biotite rich bands; poor fineation 60° to CN.
		234.8 Coarse grained lightly garnetiferous, siliceous amphibolite glaucophane type; mineralized 6% chalcopyrite 4% po. to 236.5' high chlorite.
		236.3 Amphibolite-gneissic banding and lineation 50 to CN; I0% quartz/biotite banding.
		252.3 Medium grained siliceous glauchophane type, amphibolites as at 234.8-unmineralized traces of garnets.
		254.2 Amphibolite as at 236.3
		257.8
257.8		Good amphibolite-medium grade, massive-well formed crystals, garnetiferous medium grained mostly tremolite/actinolite with black glaucophane crystals. 4% chalcopyrite; 3% po. in glaucophane type 258-259.7'
		265.0 Finis

COPPER-LODE MINES LIMITED

SAMPLE AND ASSAY RECORD

D.D. Hole No.: A-57

Property: REXDALE

Sheet No.:

FOOTAGE FROM	FOOTAGE TO	CORE LENGTH FEET	COPPER	SILVER	LENGTH X COPPER	LENGTH X SILVER
156.4	161.5	5.1	0.07	trace	0.357	trace
234.9	237.4	2.5	1.81	0.72	4.525	1.800
237.4	258.3	20.9	Not assayed	-	-	-
258.3	259.7	1.4	1.28	0.58	1.792	0.812
234.9	259.7	24.8	0.269%	0.11oz	6.674	2.612

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. DIGLER
PROVINCE OF ONTARIO

COPPER LODE MINES LIMITED
DRILL HOLE LOG

Hole No. A-58

FOOTAGE FROM	TO	DESCRIPTION

PROPERTY: Rexdale Mines Ltd. Fredart Lake — Started: Dec 2

Latitude: 2000 W — Finished; Dec 7

Departure: 350 south — Bearing: south — Depth: 405'

Elevation: — Dip: 50° — Logged by : R. Larson

From	Description / To
0-	Casing 57.8
57.8	Amphibolite fine grained to medium grained fairly massive lineation at 45-50° to CN, 5% biotite-shiny brown color trace of garnets in biotite at 62.5'; trace of pyrite. 65.8 Quartz/biotite/ tremolite/actinolite type-light grey in color- 5% garnets-chloritic, trace of pyrite. 68.7 Amphibolite as above- calcite veining, patchy biotite contorted structures 7I-94.5' 94.5 Fine grained amphibolite 5% biotite, I0% quartz carbonate mass looking lineated but not bomded; could be a fine grained andesitic type. I0I.8 Quartz/biotite type-small garnets-4% pyrite- cross facturing, sheared at 70° to CN. I36.0-I37.0 I37.0
I37.0	Sheared zone high chlorite, medium green color, sheared 70-75° to CN, crossed by quartz and calcite veinlets. I44.3
I44.3	Fault zone? Light grey highly siliceous; crossed by Q/C veinlets, patchy; fine grained massive looking, some fine grained amphiboles. I46.0 Sheared zone as above I46.5 Quartz/ biotite type- spotty brown alteration ; long prismatic amphiboles or tourmaline crystals at I46.5 I47.0
I47.0,	IF, garnetiferous, siliceous, chloritic, trace of pyrite quartz/calcite vein I47-I48.0 I47,7 IF-quartz/carbonate 50%, magnetite 20%, amphiboles dark green variety altering to biotite 30%; 5% pyrite massive. I50.0 IF extremely heavy magnetite banded 60% in siliceous actinolite, chlorite type; 3% pyrite; very few highly distorted garnets. Magnetite bands often highly contorted. I58.0
I58.0	Highly siliceous amphibole, 30% coarse garnets, quartz often surrounding garnets and as veinlets I69.8 Spots of brown alteration; amphiboles altered to dark brown biotite-3-4% pyrite, garnets end at I7I.0' I7I.0 Siliceous type-banded-whispy pyrite 5%; chlorite 5%; large amphiboles; bronzite? at I74-I75.0' trace of magnetite spots, bronzite runs on large pyroxenes. I78.4 Quartz/carbonate/biotite zone with small garnets I0% pyrite. I82.8
I82.8	IF as above, siliceous, chlorite, some bronzite; 30-40% magnetite, trace garnets. Magnetite ends at I90.0' I9I.9Quartz/carbonate/biotite sheared zone, excellent contact at 60-65° to CN. I92.2
I92.2	Sheared zone dark green, highly chloritic-aphanitic sheared at 60° to CN, faukt zone; brecciated from I97.2-I98.2 with quartz/carbonate injections; trace of magnetite. I98.6 Appears to be a contact with part of a shear ; contact is irregular- trace magnetite at contact, shearing changes to 75-80° to CN, very high chlorite. 202.0 Grey colored-highly siliceous brecciated; contorted microfolded; medium grained, [illegible] zone.

REGISTERED PROFESSIONAL ENGINEER
GEORGE C. [illegible]
PROVINCE OF ONTARIO

Hole No. A-58

FOOTAGE FROM	TO	DESCRIPTION
		Some green chloritic bands.
		217.5 Sheared zone, medium to dark green, high chlorite distorted by Q/C.
		219.8
219.8		Amphibolite-dark green-well sheared at 45° to CN-20% biotite, 5% white Q/C.
		223,8
223.8		Banded IF-excellent banding at 50° to CN-trace garnets in biotite, highly siliceous; banded magnetite 40-50%; amphibloes 20%-excellent type.
		226.3 Contact zone-quartz/biotite/tremolite/actinolite; brown alteration, spots garnetiferous-banded at 45-50 CN.
		228.9
228.9		Siliceous IF; similar to IF type encountered in other hole; actinolite as amphibole, highly siliceous,15% magnetite,4-5% po.; massive po. from 229-230, 231.6-233.7 but no chalcopyrite noticed.
		259.3 Sheared zone-light green, high chlorite, sheared at 65 to CN, excellent contacts with IF at 65° to CN.
		262.5 Fault zone in IF looks like sheared zone; IF highly siliceous,20% magnetite bands,5%po., trace of chalcopyrite.
		271.1
271.1		Chilled margin to diorite dyke, medium grained with 15-20% biotite sheared at 45° to CN. to 50° CN.
		273.5 N.B. Diorite dyke typical after IF medium grained mass, excellent contacts 45° to CN.
		274.4 Chilled margin as above, lower contact is at 65° CN
		278.2
278.2		End of sheared zone , fine grained diorite or andesite mass-intrusive looking-principle ferric mineral is amphibole or biotite, medium green color, now highly chloritic groundmass .
		305.0 Diorite getting finer grained-andesitic appearance, darker looking bands in core could indicate pulses of volcanic activity. Gneissic banding of Q/C, biotite starts at 317.5'
		320.3 Q/C/tremolite/actinolite type banded at 45° to CN; 5% biotite, trace of sulphide.
		329.0 Andesite, fine grained,aphanitic, 10% white sugary Q/C patches.
		347.9
347.9		Medium grained amphibolite, massive, black amphiboles well formed , trace of po., trace of chalcopyrite; high chlorite; dark green color; patchy Q/C often veined 5% ie. calcite veins 350.6-351.0', 369-369.7'
		374.5
374.5		Fault zone in amphibolite- lightly brecciated with quartz patches-greenisg grey color, entering a sheared or fault zone. Very highly distorted from 385-392.6, microfolded and accompanied by white quartz and traces of sulphides along microfolds.
		392.6 Green chilled margin into diorite dyke.
		392.8
392.8		Fine grainee diorite dyke, good contacts at 30° to CN with chilled margins 394.4-394.8, -chloritic + Q/C.
		394.8
394.8		Brecciated zone-micaceous, chlorite, biotite and Q/C veinlets, some light brown alteration nodules.
		395.2
395.2		Former gabbroic type, now distorted, very good medium grained, massive texture, 4-5%, light brown biotite; 30% white patchy carbonate; 5% light grey clear quartz fine grained; sheared margin from 395-397.5'; dark green amphibole-30%; trace of po., trace of chalcopyrite.
		405.0 Finis

COPPER-LODE MINES LIMITED

SAMPLE AND ASSAY RECORD

D.D. Hole No.: A-58

Property: REXDALE

Sheet No.:

FOOTAGE		CORE LENGTH FEET	COPPER	SILVER	LENGTH X COPPER	LENGTH X SILVER
FROM	TO					
228.8	233.7	4.9	0.03	trace	0.147	trace
233.7	262.5	28.8	trace	nil	trace	nil
262.5	271.1	8.6	0.04	trace	0.344	-
228.8	271.1	42.3	0.012%	trace	0.491	-

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. DISLER
PROVINCE OF ONTARIO

COPPER-LODE MINES LIMITED

DRILL HOLE LOG

HOLE NO. A-59

PROPERTY : Rexdale Mines Limited, Fredart Lake	BEARING: North	STARTED:	Dec.8/68
DRILLED BY:	ELEVATION:	COMPLETED:	Dec.12/68
LATITUDE:	DIP: 65°	LOGGED BY:	R. Larson
DEPARTURE:	DEPTH: 575'	SHEET NO.:	1

Depth	Description
0.0-31.5	Casing
31.5	Dark green, very fine grained andesite or amphibolite. 10% Q/C patches and veinlets, 5% biotite - lineation 65-70° CN.
38.0	Amphibolite - high chlorite, 5% fine-medium grained garnets, 25% Q/C; 10% biotite, trace chalcopyrite, trace pyrite - medium grained, fairly massive.
49.9	Sharp contact - lineation distorted to 10° CN - folding at edges into amphibolite; dark grey, green, quite fine grained and massive; 5% Q/C fracture filling. NB. 55.5 - 59.5 Quite heavily crossfractured. Some light brown-red alteration.
60.9-64.4	Appears heavily fractured, brown-red alteration from 60.9 - 71.6, 20% quartz patches accompanied by white-green alteration mineral.
64.4	medium grained amphibolite - medium green color; 10% biotite white-green alteration 5%.
68.1	High grey silica in amphibolite; trace chalcopyrite, trace pyrite; red brown sphalerite, strong in quartz patch at 69.7. Garnets in biotite seams - medium grained-coarse grained.
71.6	Light grey - fine grained biotite rich, trace fine grained garnets, very highly siliceous, trace chalcopyrite along fractures.
73.5	Dark green, medium grained amphibolite - high chlorite, carbonate specks trace targets, coarse grained, dark green amphibolites, Q/C seams appear microfolded.
76.8-79.0	Highly siliceous, with 10% biotite, 2% chalcopyrite.
79.0	Medium grained, large garnets high chlorite, dark amphiboles, siliceous type, massive, 1% chalcopyrite.
82.5	Very good contact at 60° - CN into medium green, often grey amphibolite, 10% grey Q/C fracture filling - light brown 85.0, very fine grained Lineation at 65° CN. White-green alternation patches 10%.
109.5	Fracture zone Q/C and white green alternation leading into andesite. Medium green color, very fine grained - aph. with 5% Q/C fracture filling, fractures often across lineation Q/C veinlets often distorted or show flow type.
147.1	Another series of highly siliceous types. Biotite tremolite-actinolite type light grey - medium grained massive trace chalcopyrite at contact - lineated 60° CN.

REGISTERED PROFESSIONAL ENGINEER
GEORGE C. TIELER
PROVINCE OF ONTARIO

COPPER-LODE MINES LIMITED

DRILL HOLE LOG

HOLE NO. A-59

PROPERTY: Rexdale Mines Limited, Fredart Lake
BEARING: North
STARTED: Dec.8/68

DRILLED BY:
ELEVATION:
COMPLETED: Dec.12/68

LATITUDE:
DIP: 65°
LOGGED BY: R. Larson

DEPARTURE:
DEPTH: 575'
SHEET NO: 2

Depth	Description
149.5	Quartz biotite type trace very fine garnets, trace chalcopyrite, very massive looking medium grained.
152.0	Highly siliceous white - light green type with 10% biotite seams, 30% amphibole seams, very fine grained, lineated 65° CN.
155.7	Dark grey-green, highly siliceous, andesitic looking, 5% Q/C fractures, trace biotite.
157.0	Dark grey, almost black, highly siliceous, filled amphiboles, biotite.
157.8	Quartzitic, mineralised with coarse garnets, amphibole, chlorite, 8% porphry, 4% chalcopyrite trace on 158.5-161.1. Sample 158.5-161.1.
161.1	Dark grey, quartz biotite type, coarse amphibole garnets to 164.0 - fine garnets to 166.0 very fine grained and lineated 65° CH to end of coarse garnets, then becoming medium grained, massive looking, with chlorite and amphibole 60% - good looking type.
166.0	Biotite tremolite actinolite type at 65° CN; 10% biotite seams, sphalerite noted at 170.5; crossfractures, dark green color; 20% medium brown biotite, High chlorite with 8% porphry, from 171.5-173.0. Sample 171.5-173.0.
173.0	Andesite medium grained - fine grained amphibolite - 5% quartz biotite seams, 5% Q/C very spotty sulphides; often appears highly sheared.
218.3	Quartz biotite zone - 20% amphibolite, fine grained, fairly massive lineated 60°CN.
222.8	Andesite as above.
253.6	Medium grained amphibolite, trace porphry, trace pyrite.
256.9	Andesite as above.
261.3	Contact zone - quartz stockwork veining 10%.
262.1	Quartz rich amphibolite medium grained garnets to 263.9 medium grained, fairly massive, lineated 65° CN. Light mineralised 263.9 - 264.4. 1% chalcopyrite in coarse grained chlorite, amphibolite.
264.7	Quartz biotite tremalite actinolite type - banding 60° CN.
269.1	Fine grained amphibolite.
274.1	Quartz biotite tremalite actinolite type.
286.1	Siliceous amphibolite, some large garnets, trace porphry, trace chalcopyrite, High chlorite, good dark green amphiboles.
288.5	Tremalite actinolite type, grey, a few garnets, medium grained fairly massive.

REGISTERED PROFESSIONAL ENGINEER
GEORGE S. FELLER
PROVINCE OF ONTARIO

COPPER-LODE MINES LIMITED

DRILL HOLE LOG

HOLE NO: A-59

PROPERTY:	Rexdale Mines Limited, Fredart Lake	BEARING:	North	STARTED:	Dec.8/68
DRILLED BY:		ELEVATION:		COMPLETED:	Dec.12/68
LATITUDE:		DIP:	65°	LOGGED BY:	R. Larson
DEPARTURE:		DEPTH:	575'	SHEET NO:	3

Depth	Description
289.8	Sheared zone at 60°CN - aph.
290.5	Dark green, medium grained amphibolite, high chlorite, black amphibole fairly massive.
293.1	Highly siliceous, 10% very fine grained garnets.
293.7	Dark green sheared zone at 70° CN - aph. High chlorite.
294.5	Tremolite actinolite type coarse garnets with chlorite and quartz.
295.1	Very fine grained amphibolite or andesite, medium grained garnets in biotite seams, biotite 5%, Q/C 5%, garnets end 299.4.
299.4	Andesite - very fine grained - aph. - 5% Q/C fractures lineation 65° CN.
310.1	Coarse grained low siliceous amphibolite, High chlorite, unmineralised.
311.4	Tremalite actinolite type quartz, trace garnets, banding 65° CN.
320.0	Coarse grained amphibolite, chlorite, some coarse garnets, siliceous, trace chalcopyrite.
321.4	Dark green sheared zone - sheared 65° CN, trace porphry, trace chalcopyrite, gradational contacts 50° CN with fine grained siliceous amphibolite.
324.5	Siliceous amphibolite, contact zone, light grey-green, massive.
325.3	Amphibolite, fine grained - some large garnets, High chlorite, mineralised 4% porphry, trace chalcopyrite to 327.3.
327.3	Dark green sheared zone 6% porphry, trace chalcopyrite.
328.9	Siliceous amphibolite, chlorite, coarse and medium grained garnets. Medium grained, massive looking.
333.5	Lineated banded 333.5, banding variable often lightly folded, fine garnets in biotite sections 5% OK veinlets, last garnets at 362'.
370.0	Grey, highly siliceous, 15% biotite some amphibole, mineralised 1% chalcopyrite, 4% pyrite to 371.5.
373.7	Fine grained andesite or amphibolite 5% Q/C
384.7	Diorite dyke - medium grained, massive, good contacts 60-65° CN.
385.9	Fine grained amphibolite or andesite 5% Q/C, 5% biotite seams, some white green alternation patches, trace sulphides, lineation 65° CN.
400.6	Quartz biotite tremolite actinolite type at 65° CN patchy sulphides, 2% chalcopyrite 410.4-410.9 in quartz biotite.

REGISTERED PROFESSIONAL ENGINEER
GEOR[illegible]
PROVINCE OF ONTARIO

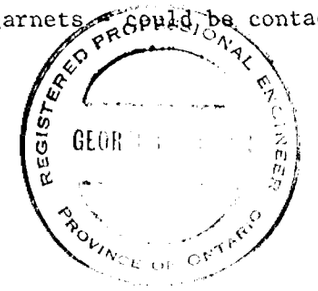
COPPER-LODE MINES LIMITED

DRILL HOLE LOG

HOLE NO. A-59

PROPERTY: Rexdale Mines Limited Fredart Lake	BEARING:	North	STARTED: Dec.8/68
DRILLED BY:	ELEVATION:		COMPLETED: Dec.12/68
LATITUDE:	DIP:	65°	LOGGED BY: R.Larson
DEPARTURE:	DEPTH:	575'	SHEET NO: 4

Depth	Description
414.5	Quartz chlorite, amphibole type - medium grained massive garnetiferous 4% chalcopyrite 414.5-415.5.
420.2	Grey, highly siliceous biotite type - fine garnets 5%- fine grained massive.
422.2	Quartz chlorite amphibole type - black amphibolite medium grained massive type mineralised 1% chalcopyrite.
425.7	Quartz biotite tremalite actinolite type lightly microfolded.
429.5	Quartz chlorite amphibolite type as at 422.2 - medium grained massive 5% coarse garnets, spotty mineralisation; biotite rich 433-434.5.
434.5	Fine grained amphibolite contact 65°CN, 10% Q/C
435.7	Quartz biotite tremolite actinolite type - banding highly contorted.
439.0	Contact 70o CN. Quartz biotite type, very fine garnets, lineation 70-75° CN - this is odd angle. brecciated alteration spots 447.5 - 448.3 with coarse garnets.
448.3	Siliceous mineralised zone - white-light green, highly siliceous no magnetite noticed - very coarse garnets, highly chloritic, 15% porphry, 1% chalcopyrite.
455.1	Coarse grained amphibolite, very large garnets, patchy quartz, 7% porphry, trace chalcopyrite.
457.2	Grey green tremolite actinolite, 5% biotite seams, crossfractured 460-461.3 approaching fault zone.
461.3	Trachyte or fault zone. Light grey with white quartz. Highly brecciated light red alteration 2% highly fractured.
461.8	Quartz biotite tremolite actinolite type - up to 462.6 crossfracturing to 467 frequently with quartz, chalcopyrite mineralisation, sulphides spotty to 473.5, very few garnets, lineation 65°CN Fine grained, medium grained , light grey-green color.
529.8	Approaching another zone of faulting, grey green amphibolite, massive trace garnets.
536.7	Light brown biotite alteration, highly siliceous, clear quartz veinlets, N.B. 515.9 amphibolite dykelet with chilled margins.
542.0	Brecciated zone on amphibolite trace garnets, High chlorite, white-green blotchy material.
543.1	Amphibolite - dark green - mineralised ½% chalcopyrite, 2% porphry, pyrite, carbonate spots.
547.0	Quartz biotite type, 16% medium grained garnets - could be contact zone.



COPPER-LODE MINES LIMITED

DRILL HOLE LOG

HOLE NO. A-59

PROPERTY:	Rexdale Mines Limited Fredart Lake	BEARING:	North	STARTED:	Dec.8/68
DRILLED BY:		ELEVATION:		COMPLETED:	Dec.12/68
LATITUDE:		DIP:	65°	LOGGED BY:	R. Larson
DEPARTURE:		DEPTH:	575'	SHEET NO:	5

Depth	Description
547.7	Contact 65°CN into brecciated amphibolite 20% carbonate spots; white green alteration 5% fine grained, dark green in color, massive looking a few crossfractures.
550.0	EX contact 65°CN Highly siliceous types, amphibolite medium grained grey color, massive fine grained coarse garnets.
558.0	Fine grained diorite - dykelet diachronous 10°CN.
559.0	As above - some light red brecciated biotite alteration.
562.3	Brecciated zone - dark green with quartz clear spots, light red brecciated biotite alteration - indistinct contacts, lightly mineralised, some odd yellowish green mineral at 563.4.
563.6	Grey highly siliceous, biotite type chlorite medium grained. Coarse garnets in biotite rich seams, clear quartz frequently surrounding garnets, patchy chalcopyrite traces.
to 575.0.	

REGISTERED PROFESSIONAL ENGINEER
GEORGE E. DIGLER
PROVINCE OF ONTARIO

COPPER-LODE MINES LIMITED

SAMPLE AND ASSAY RECORD

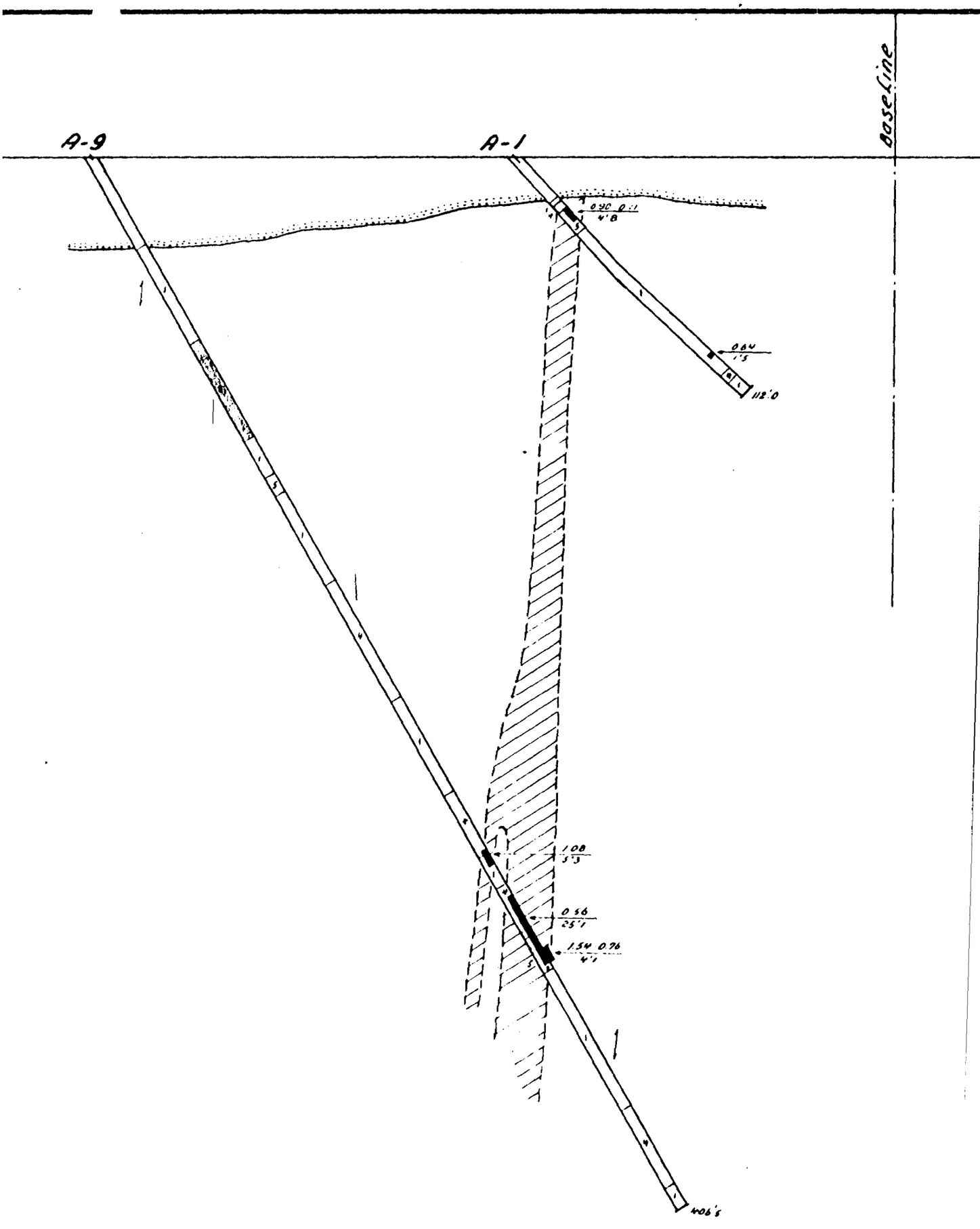
D.D. Hole No.: A-59

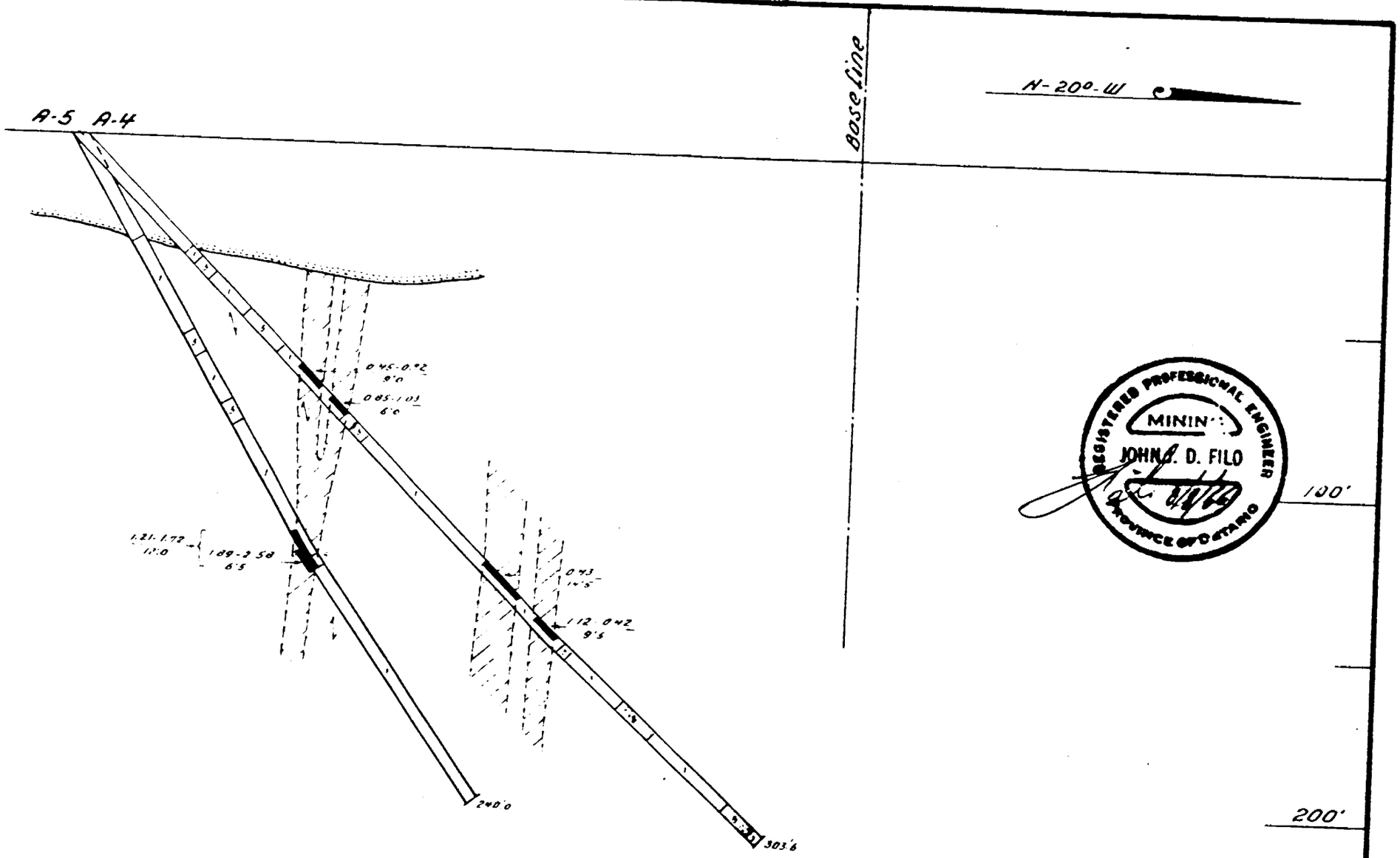
Property: REXDALE

Sheet No.:

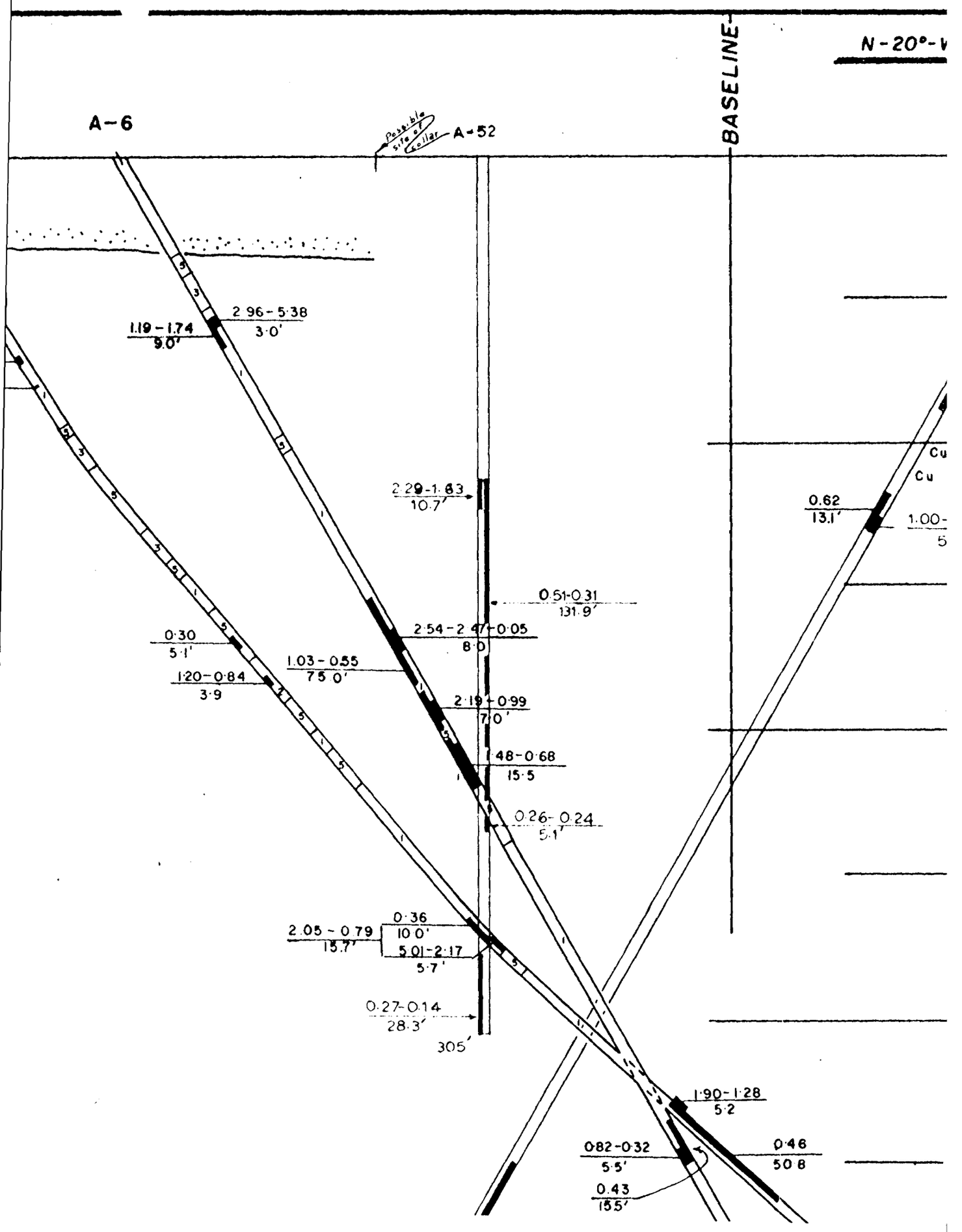
FOOTAGE		CORE LENGTH FEET	COPPER	SILVER	LENGTH X COPPER	LENGTH X SILVER
FROM	TO					
76.8	82.5	5.7	0.26	trace	1.482	trace
158.5	161.1	2.6	3.24	1.90	8.424	4.940
171.5	173.0	1.5	0.07	trace	0.105	trace
370.0	371.5	1.5	0.35	trace	0.525	trace
448.4	455.1	6.7	0.13	trace	0.871	

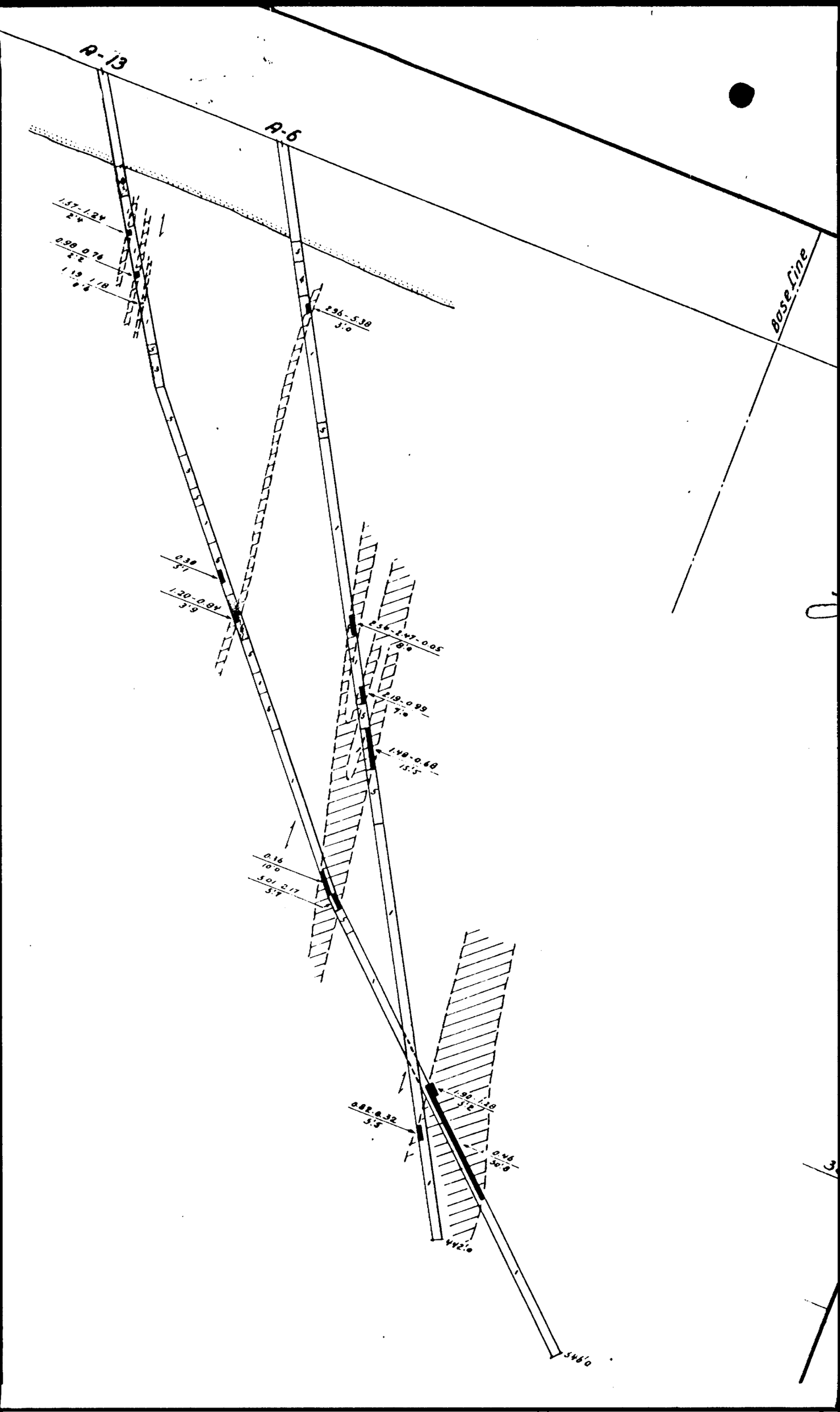
REGISTERED PROFESSIONAL ENGINEER
GEORGE S. BIELER
PROVINCE OF ONTARIO

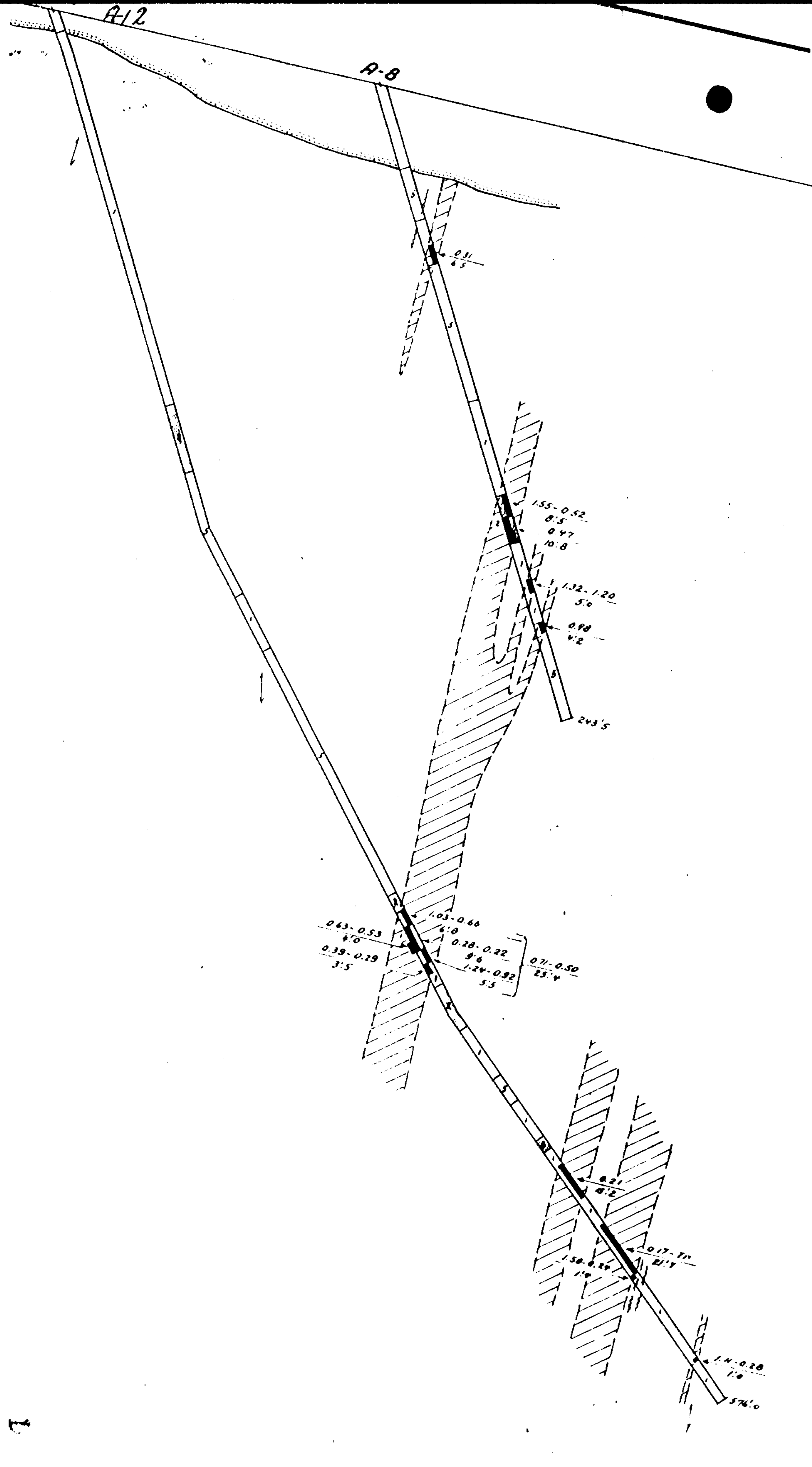

A-9
A-1
baseline
0.90 0.1
4'8
0.64
1'5
112'0
1.08
5'3
0.56
25'1
1.54 0.76
4'1
406'5

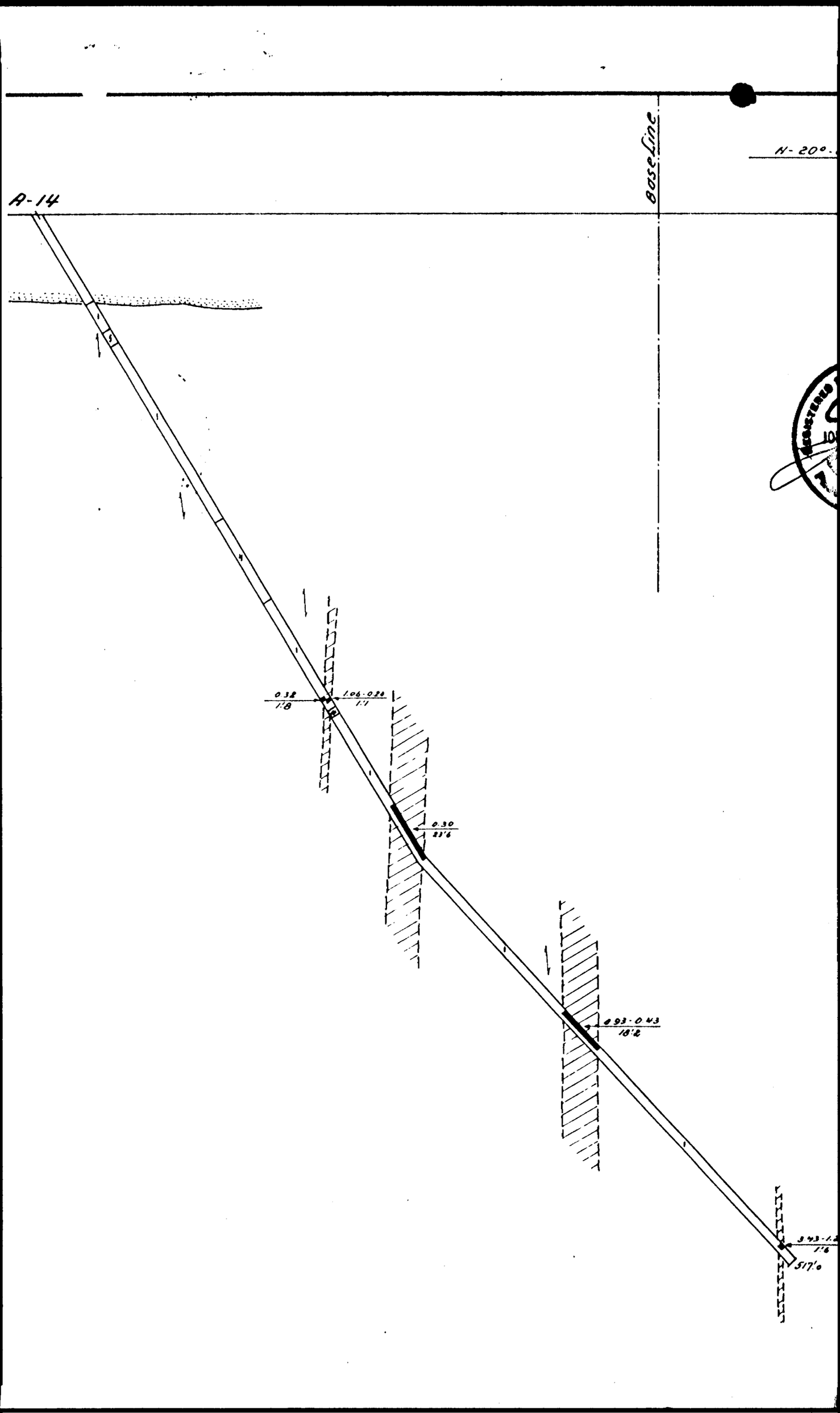


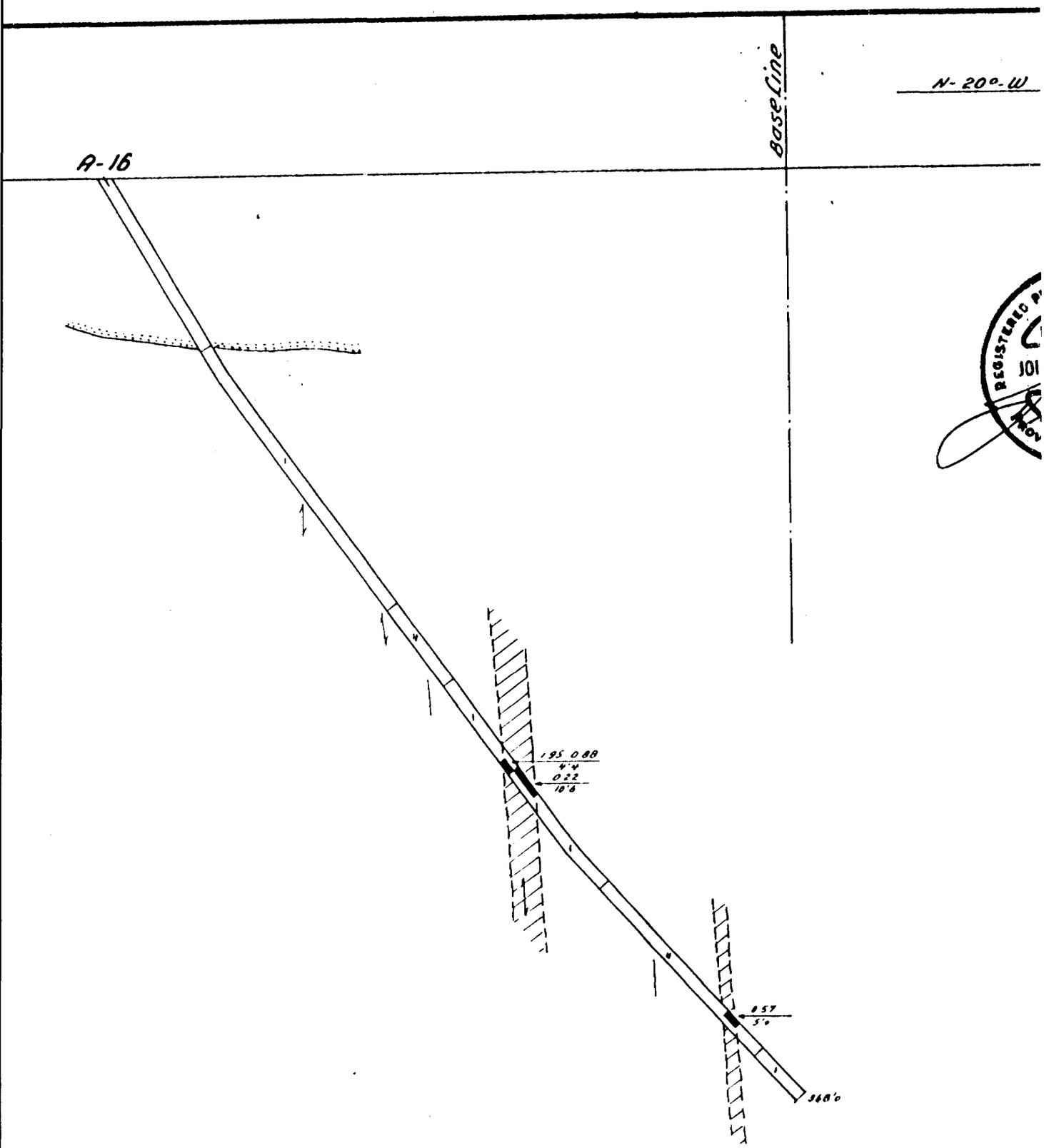
REGISTERED PROFESSIONAL ENGINEER
MINING
JOHN D. FILO
PROVINCE OF ONTARIO

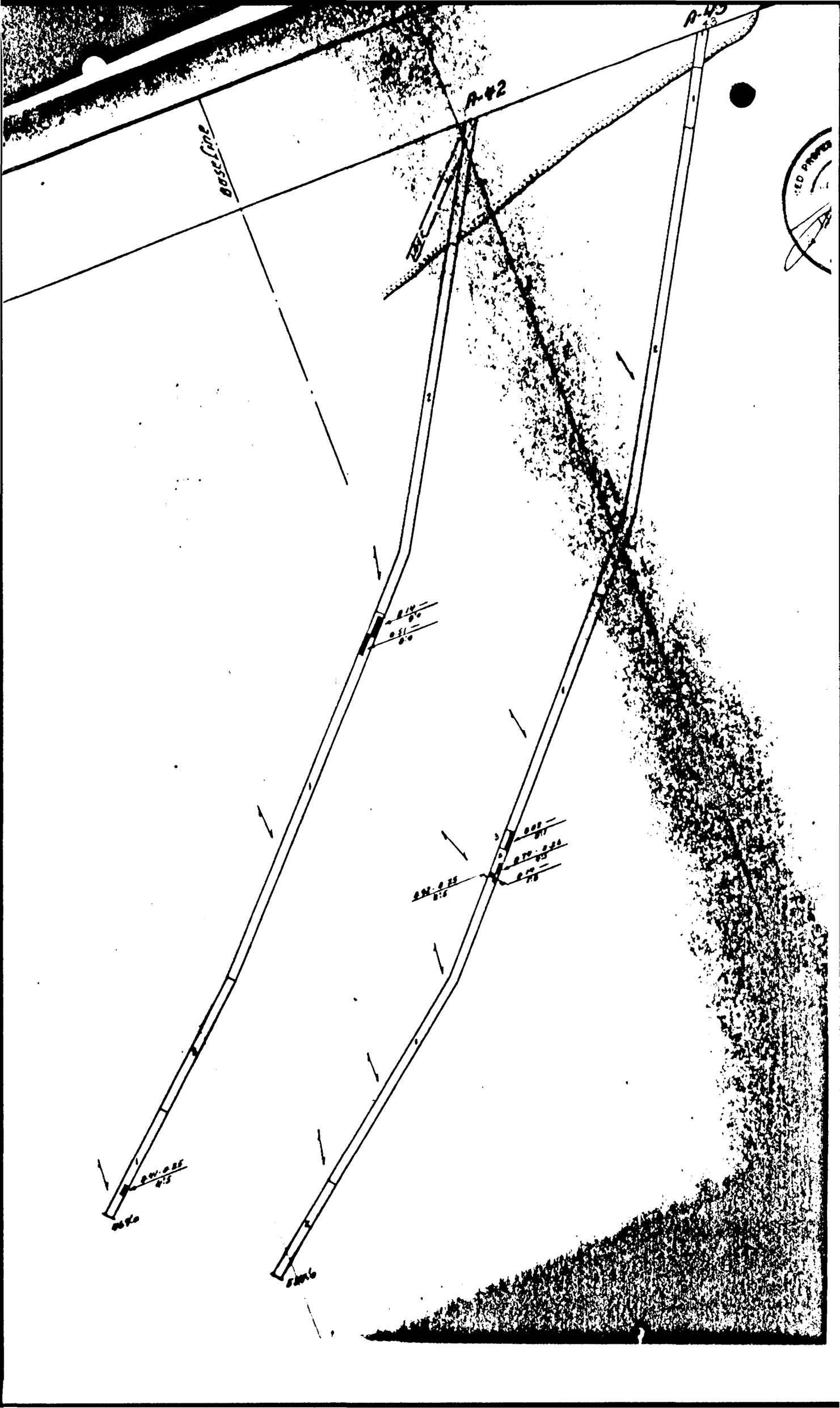

BASELINE
N-20°-W
A-6
Possible site of collar
A-52
1.19-1.74
9.0'
2.96-5.38
3.0'
2.29-1.83
10.7'
0.51-0.31
131.9'
2.54-2.47-0.05
8.0
0.30
5.1'
1.03-0.55
75.0'
1.20-0.84
3.9
2.19-0.99
7.0'
1.48-0.68
15.5
0.26-0.24
5.1'
0.36
2.05-0.79
15.7'
10.0'
5.01-2.17
5.7'
0.27-0.14
28.3'
305'
1.90-1.28
5.2
0.82-0.32
5.5'
0.46
50.8
0.43
15.5'
0.62
13.1'
1.00-
5
Cu
Cu

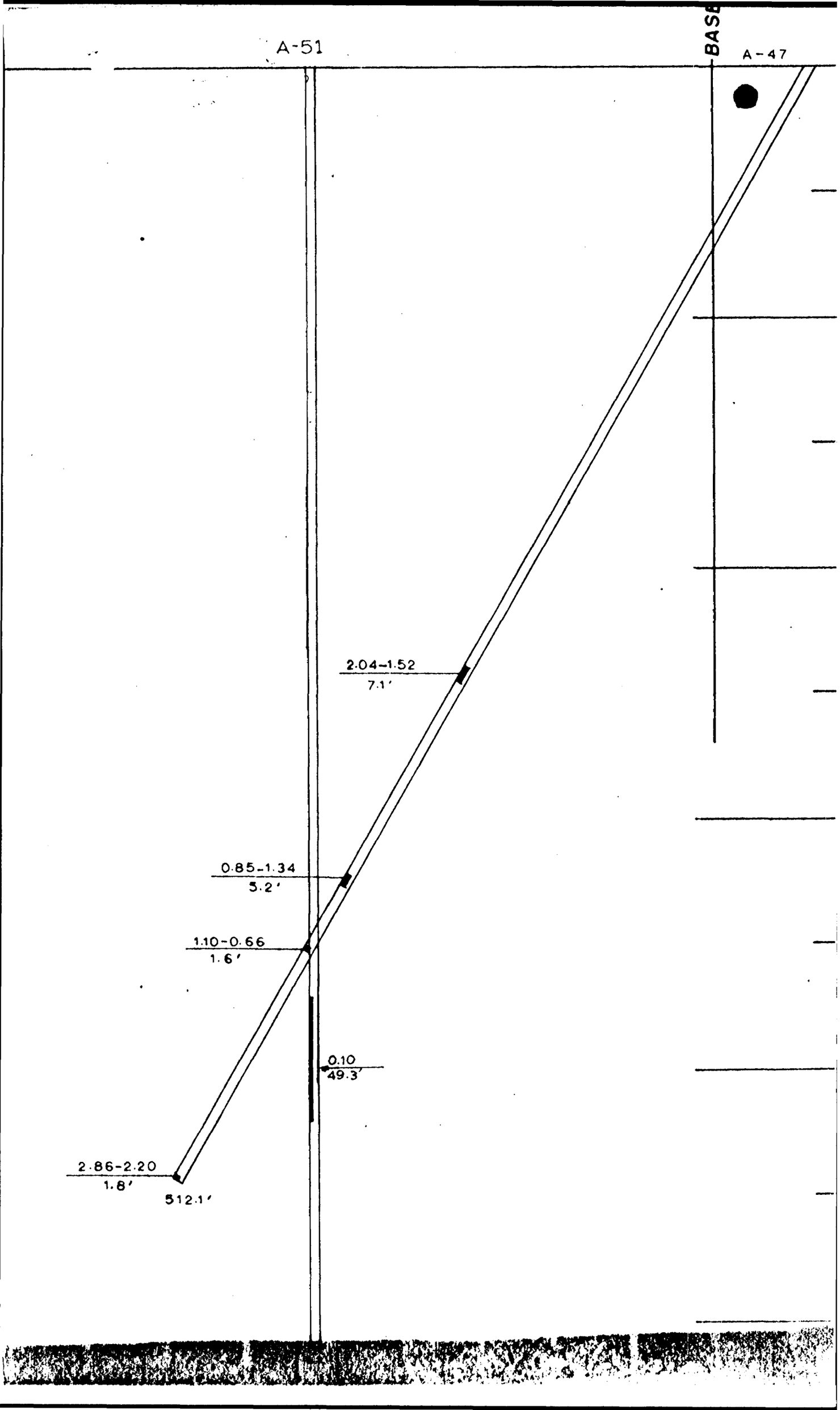

A-13
A-6
Base Line
1.37-1.24
2.4
0.90-0.76
2.5
1.19-1.18
2.6
2.96-5.98
3.0
0.30
3.1
1.30-0.84
3.9
2.56-3.47-0.05
8.0
2.19-0.99
7.0
1.48-0.68
15.5
0.16
10.0
3.01-2.17
3.7
1.90-1.38
3.2
0.82-0.32
5.5
0.46
30.8
442.0
546.0

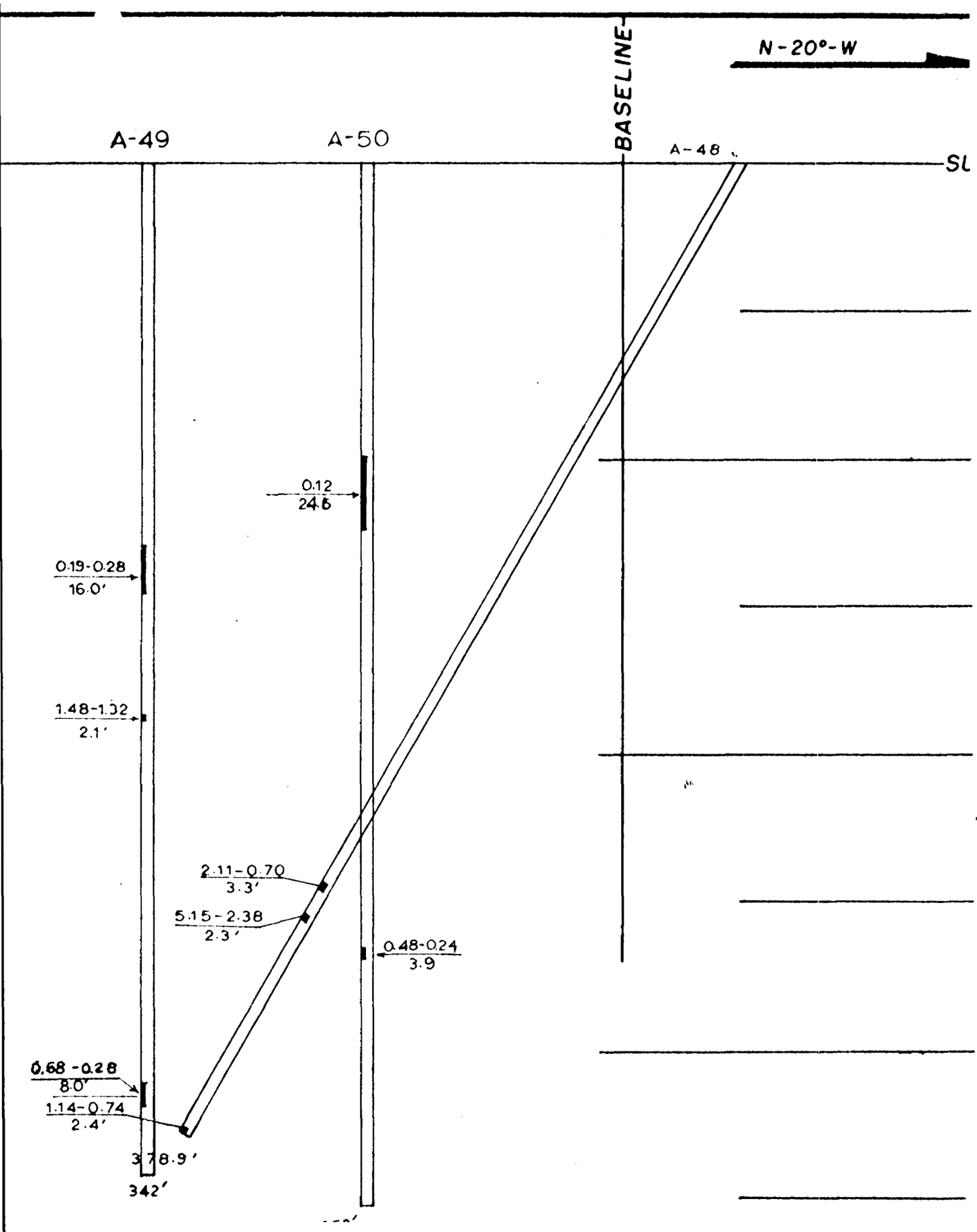

A-12
A-8
0.31
6.5
1.55 - 0.52
8'5
0.47
10'8
1.32 - 1.20
5'0
0.98
4'2
243'5
1.03 - 0.66
6'8
0.63 - 0.53
4'0
0.39 - 0.29
3'5
0.28 - 0.22
9'6
1.24 - 0.92
5'5
0.71 - 0.50
25'4
0.21
8'2
0.17 - Tr
1.50 - 0.24
1.14 - 0.28
576'0

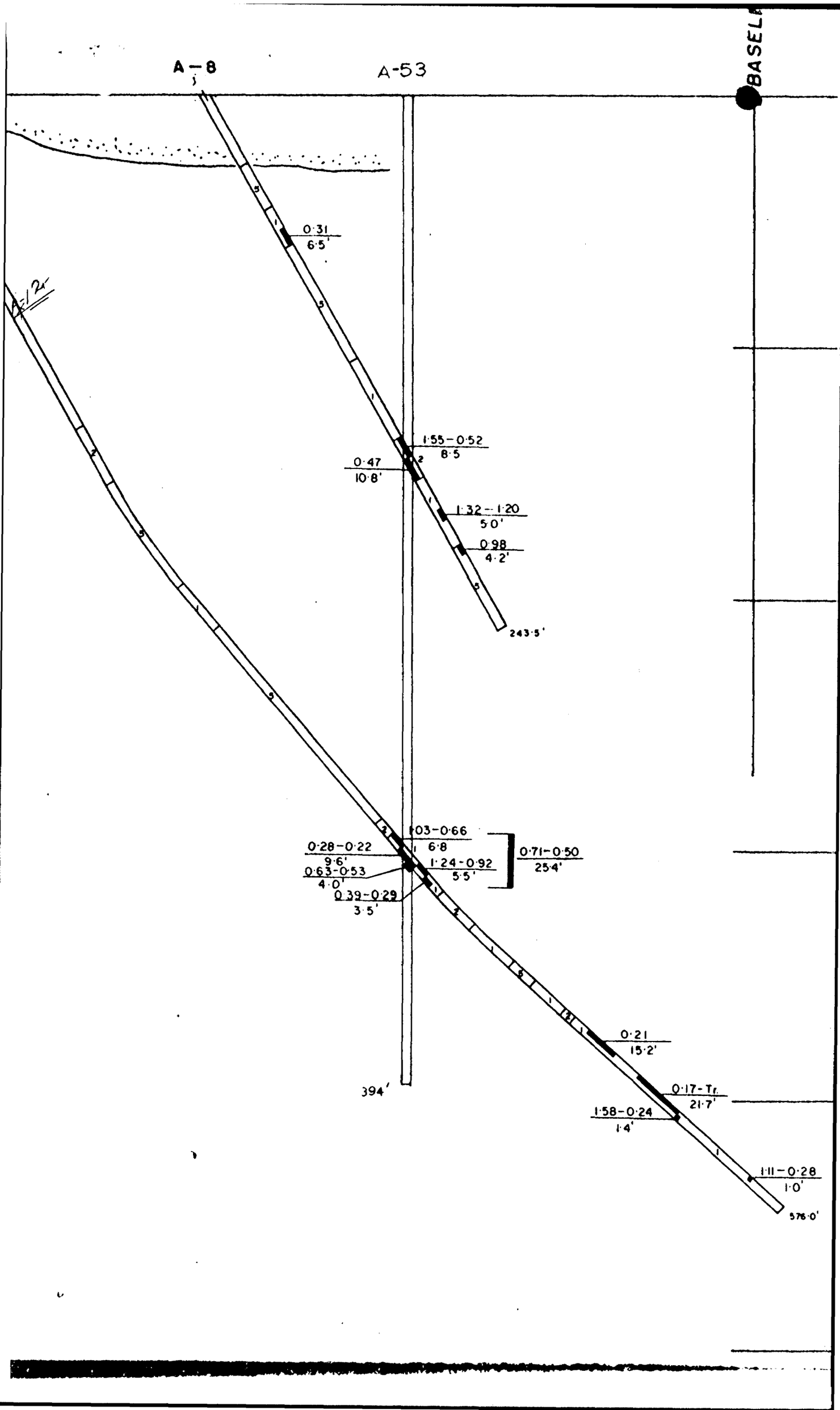

A-14
Baseline
N-20°
0.32
1:8
1.06-0.20
1:1
0.30
33'6
0.93-0.43
18'2
517'0

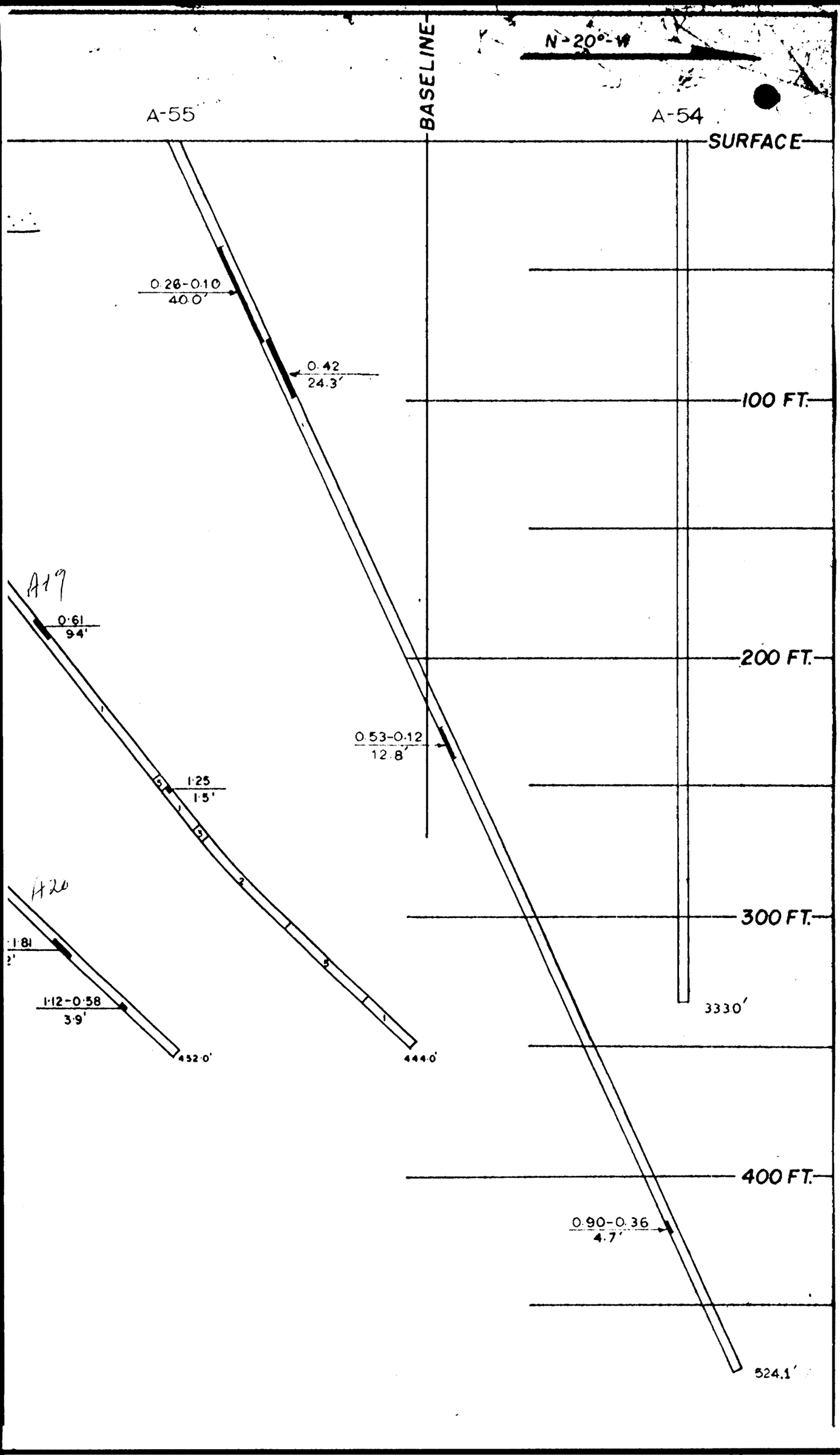

Base Line
N-20°-W
A-16
195 088
4'4
022
10'6
057
5'0
988'0

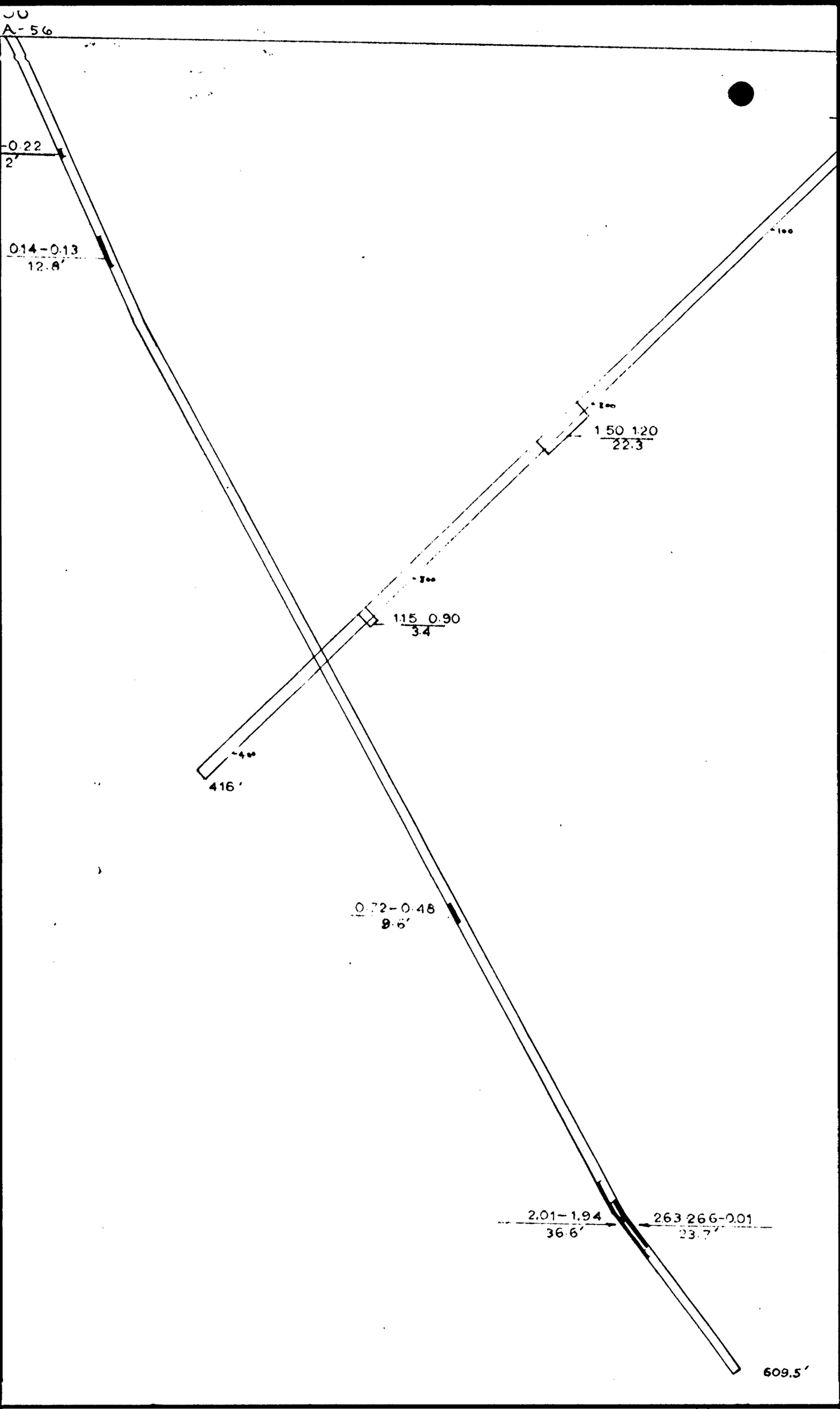

A-#2
A-#3
BASE LINE

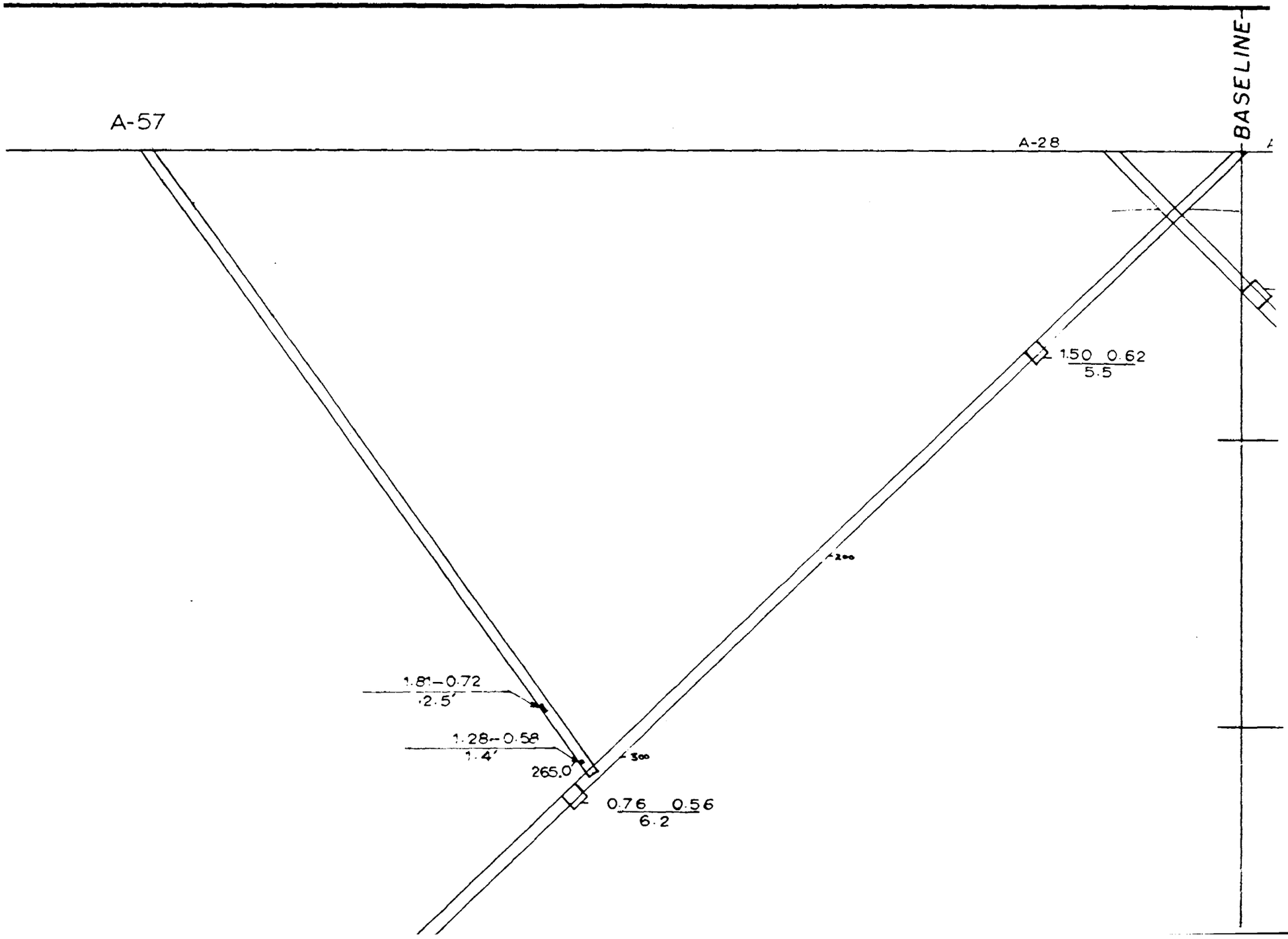

A-51
BASE
A-47
2.04-1.52
7.1'
0.85-1.34
5.2'
1.10-0.66
1.6'
0.10
49.3'
2.86-2.20
1.8'
512.1'

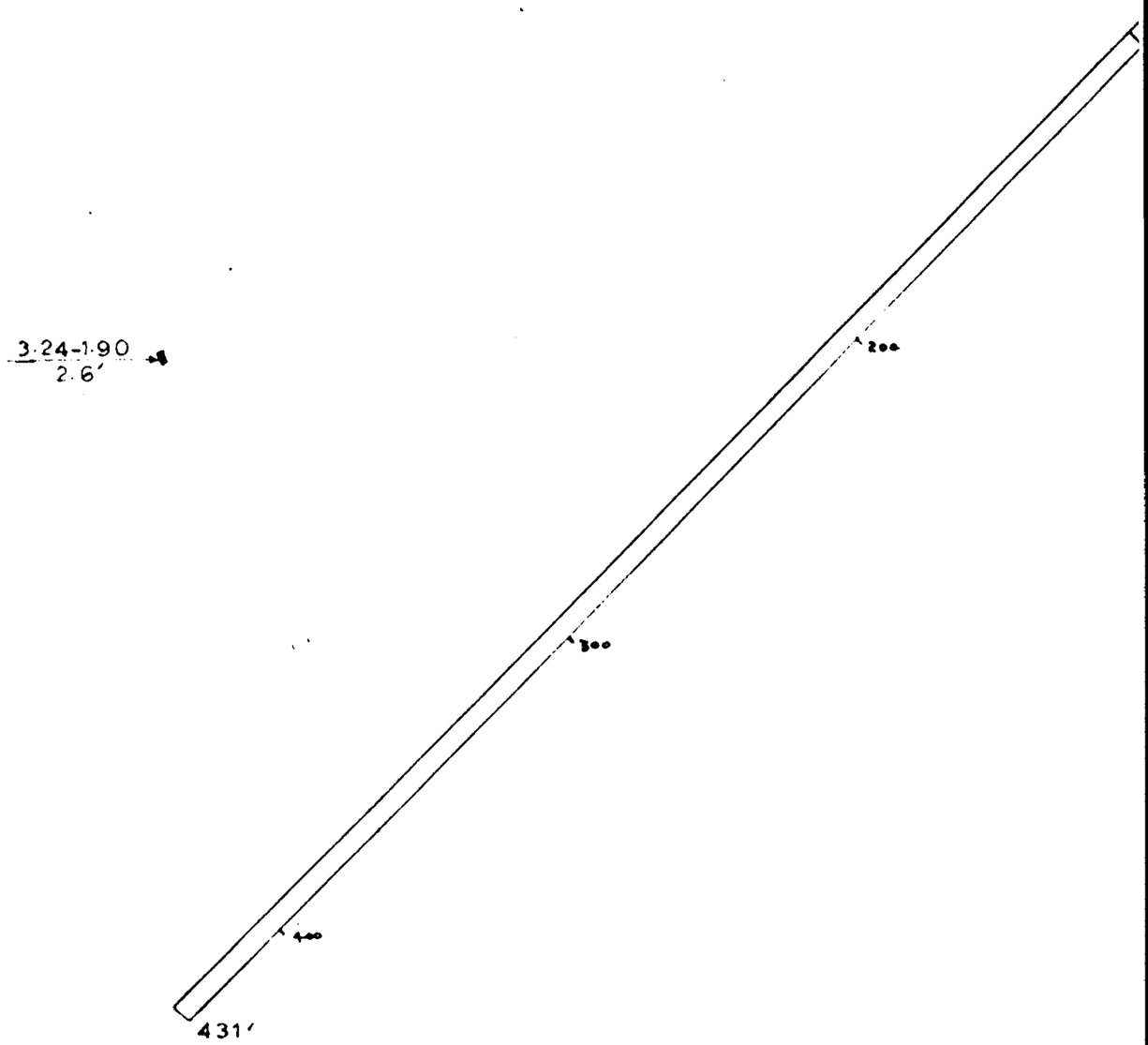

BASELINE
N-20°-W
A-49
A-50
A-48
SL
0.12
24.6
0.19-0.28
16.0'
1.48-1.32
2.1'
2.11-0.70
3.3'
5.15-2.38
2.3'
0.48-0.24
3.9
0.68-0.28
8.0'
1.14-0.74
2.4'
378.9'
342'


A-8
A-53
BASEL
A-12
0·31
6·5'
1·55-0·52
8·5
0·47
10·8'
1·32-1·20
5·0'
0·98
4·2'
243·5'
1·03-0·66
6·8
0·28-0·22
9·6'
1·24-0·92
5·5'
0·71-0·50
25·4'
0·63-0·53
4·0'
0·39-0·29
3·5'
394'
0·21
15·2'
0·17-Tr.
21·7'
1·58-0·24
1·4'
1·11-0·28
1·0'
576·0'


N-20°-W
BASELINE
A-55
A-54
SURFACE
100 FT.
200 FT.
300 FT.
400 FT.
0.26-0.10
40.0'
0.42
24.3'
A19
0.61
9.4'
1.25
1.5'
0.53-0.12
12.8'
A20
1.81
1.12-0.58
3.9'
0.90-0.36
4.7'
3330'
432.0'
444.0'
524.1'


-0.22
2'
0.14-0.13
12.8'
1.50 1.20
22.3
1.15 0.90
3.4
416'
0.72-0.48
9.6'
2.01-1.94
36.6'
263.266-0.01
23.7'
609.5'


A-57
A-28
BASELINE
1.50 0.62
5.5
1.81 – 0.72
2.5'
1.28 – 0.58
1.4'
265.0'
0.76 0.56
6.2


3.24-1.90
2.6'
200
300
400
431'

FILO GEOPHYSICS LIMITED

HOLE NO. D-1 — DRILL HOLE LOG — SHEET NO. 1

PROPERTY: REXDALE — Started: 30 Jan. 1966

Latitude: 3200 East — Finished: 4 Feb. 1966

Departure: 1800 South — Bearing: North — Depth: 360.0

Elevation: — Dip: - 45° — Logged by: J. B. Caswell

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	
0.0	24.0	Casing	
24.0	34.0	Sil. Biot. Schist	30° - 35° Sch., rare Cp, Py spec., veinlet
34.0	51.1	Biot. Chl. Schist	locally siliceous occ. pink garnet, 30° sch. rare Py spec. 2" 30° Hu dissem Py @ 40.8'
51.1	52.7	Biot. Chl. Schist	Dissem. Py, Cp ? 4% S
52.7	55.5	Qtz. Calc. Shear Zone	35°, biotitic, dissem. Py, 2%
55.5	63.7	Biot. Chl. Schist	Occ. pink garnet, 30°. 35° Sch. dissem. Py, veinlets @ 35° 6% sulph.
63.7	109.0	Biot. Chl. Schist	Dissem. Py 1.2%, occ. veinlet, 4" qtz. calc. vein @ 98.5
109.0	122.0	Sil. Biot. Schist	30° - 35° Sch., scat. pink garnets, occ. Po spec.
122.0	125.0	Fg Biot. Amph.	35° Cont @ 122.0 WK 45° - 50° foliation rare Py spec. 4" 45° Sch. @ 123.7
125.0	167.5	Andesitic Dyke	Fg. dark green, ground cont @ 125.0 30° - 40° qtz. epidote flow 145.0 - 167.5 30° cont @ 167.5
167.5	170.5	Sil. Biot. Schist	some scat. sericite specs, 35° sch.
170.5	175.0	Biot. Chl. Schist	30° - 35° sch.
175.0	176.8	Sil. Biot. Schist	scat. sericite spec's. 35° cont ..
176.8	194.5	Biot. Chl. Amph. Schist	30° - 35° Sch.
194.5	204.5	Andesitic Dyke	30° conts.
214.5	209.0	Mfg Amph.	30° fol. Sw biotitic
209.0	215.8	Andesitic Dyke	35° conts.
215.8	243.0	Mfg Amph.	Biotitic, 35° fol. occ. qtz. stringer, Po blob @ 241.5
243.0	257.0	Andesitic Dyke	40° conts.
257.0	259.0	Mfg Gabbro	Occ. Po spec.
259.0	261.5	Sil. Schist	Po Veinlets @ 20° - 40° 40% Po
261.5	270.0	Biot. Chl. Schist	locally siliceous and amphibolitic scat. pink garnets with rare Po spec.
270.0	272.0	Qtz. Felsph Amph Vein	Sw. brecciated ground cont @ 270.0, 25° cont. @ 272.0
272.0	326.5	Sil. Biot. Chl. Schist	locally Amphibolitic scat pink garnets, rare Po spec. several 30° Po veinlets @ 277.0
326.5	360.0	Sch. Felsp. Amph.	45° - 50° Sch., D.F. 50' cont @ 326.5 Sw Alt' light grey, Sli. Mag. Perid?
	360.0	END OF HOLE	

DIP TESTS

	ETCH	TRUE
@ 150'	- 45°	- 39°
@ 350'	- 35°	- 29°

RED LAKE MINING DIV. RECEIVED Aug 15 1966 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

REGISTERED PROFESSIONAL ENGINEER MINING JOHN D. FILO PROVINCE OF ONTARIO

FILO GEOPHYSICS LIMITED

HOLE NO. E-1 DRILL HOLE LOG SHEET NO. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION

PROPERTY: REXDALE Started: 5 Feb. 1966

Latitude: 2400 East Finished: 10 Feb. 1966

Departure: 1298 South Bearing: North Depth: 321.0

Elevation: Dip: - 45° Logged by: J. B. Caswell

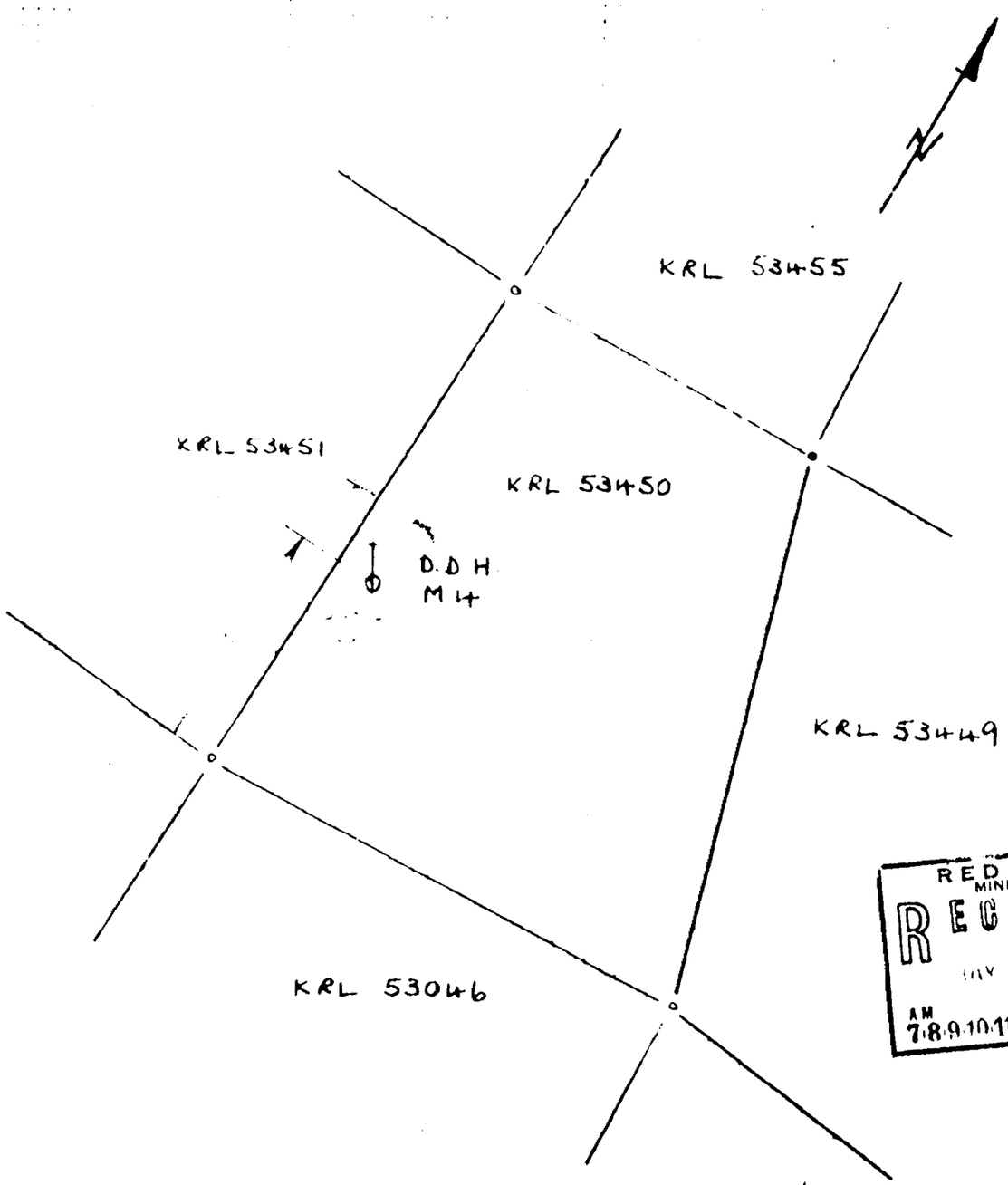
DIP TESTS

	ETCH	TRUE
@ 150'	42°	36°
@ 300'	37°	32°

FROM	TO	DESCRIPTION	
0.0	12.5	Casing	
12.5	29.8	Sil. Biot. Chl. Schist	locally Amphibolitic 45° Sch.
29.8	40.6	MFg Gabbro	40°, 45° Foliation 45°, 40° Conts
40.6	50.0	Sil. Biot. Chl. Schist	locally Amphibolitic several 45° Py veinlets 47.5 - 50.0 @ 35°
50.0	51.0	Semi Mass Sulph.	Py Po veins in Sil. Biot. Chl. Schist
51.0	129.0	Biot. Chl. Amph. Schist	local siliceous banding 40° - 50° Sch., Biot Chl. rich sec's with siliceous and Amphibolitic sec's. irregular folding 112.5 - 115.5 Py specs @ 122.0 highly chloritized 125.0 - 129.0
129.0	151.5	Biot. Amph. Schist	45° Sch.
151.5	234.5	Biot. Chl. Amph. Schist	40° - 50° Sch., occ. qtz. stringer Qtz. stringers @ 45° 165 - 166.5 Siliceous bands @ 45° 90 - 201.5
234.5	248.0	MFg Felspathic Amph.	45° foliation, Sw biotitic, 45° conts.
248.0	298.0	Biot. Chl. Amph. Schist	35° - 40° Sch., locally siliceous
298.0	321.0	MFg Felsp. Amph.	40° foliation, Wkly Sch. sec's., minor irreg. siliceous banding, biotitic
	321.0	END OF HOLE	

RED LAKE MINING DIV. RECEIVED AUG 15 1966 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

REGISTERED PROFESSIONAL ENGINEER MINING JOHN J. D. FILO 8/8/66 PROVINCE OF ONTARIO



RED LAKE
MINING DIV.
RECEIVED
MAY 1 2 1967
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

REXDALE MINES LTD

Area of Fredart Lake

Red Lake Mining Division
Ontario

LOCATION SKETCH
D.D.H M 4

Scale 1" = 400' May/67

9/5/67

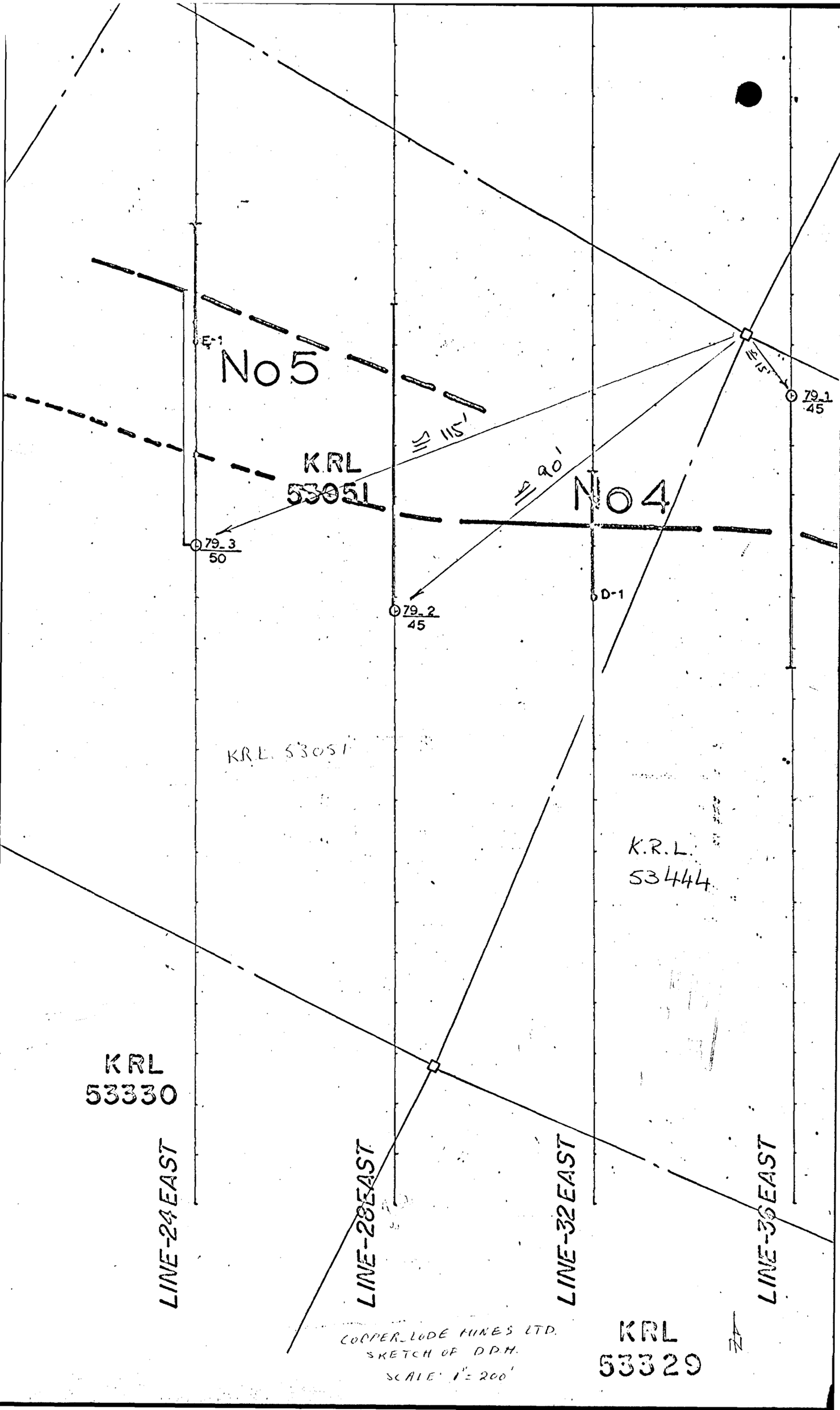
FILO GEOPHYSICS LIMITED

HOLE NO. M 4 DRILL HOLE LOG 53450 SHEET NO. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
PROPERTY: Rexdale Snake Weed Lake		Started: Sept. 22, 1966
Latitude: 32 + 90 E		Finished: Sept. 24 1966
Departure: 8 + 48 N	Bearing: N	Depth: 203.2'
Elevation:	Dip: 70°	Logged by: L. M.
0	7	Casing
7	8.8	Coarse banded dark granetic material
8.8	56.7	Diorite dike gradation into proph. granite with narrow qtz veins down dip Qv at 29.5 some bio. on 1/2 of core also long blebs of qtz.
56.7	63.1	Qtz. v some dark inclusions gradation in qtz breccia
63.1	64.8	Diorite gradation to breccia
64.8	76.5	Diorite number of qtz veins
76.5	98.0	Porph granite
98.0	110.4	F.g. Diorite
110.4	145.8	Greenstone Loc. acc. (vert. 1/2 core) Bio. rock f.g. some blebs qtz
145.8	158.8	Granite
158.8	159.7	Greenstone f.g. (vert. 1/2 core Bio)
159.7	161.9	Granite
161.9	162.9	Greenstone f.g. acc. Bio spec cp.
162.9	180.6	Weakly sheared granite
180.6	183.0	Greenstone f.g. acc. Bio qtz blebs
183.0	203.2	Granite few qtz veinlets and blebs
		END OF HOLE

RED LAKE MINING DIV. RECEIVED NOV 17 1967 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

FGL 12


E-1
No5
KRL
53051
115'
90'
No4
79_3
50
79_2
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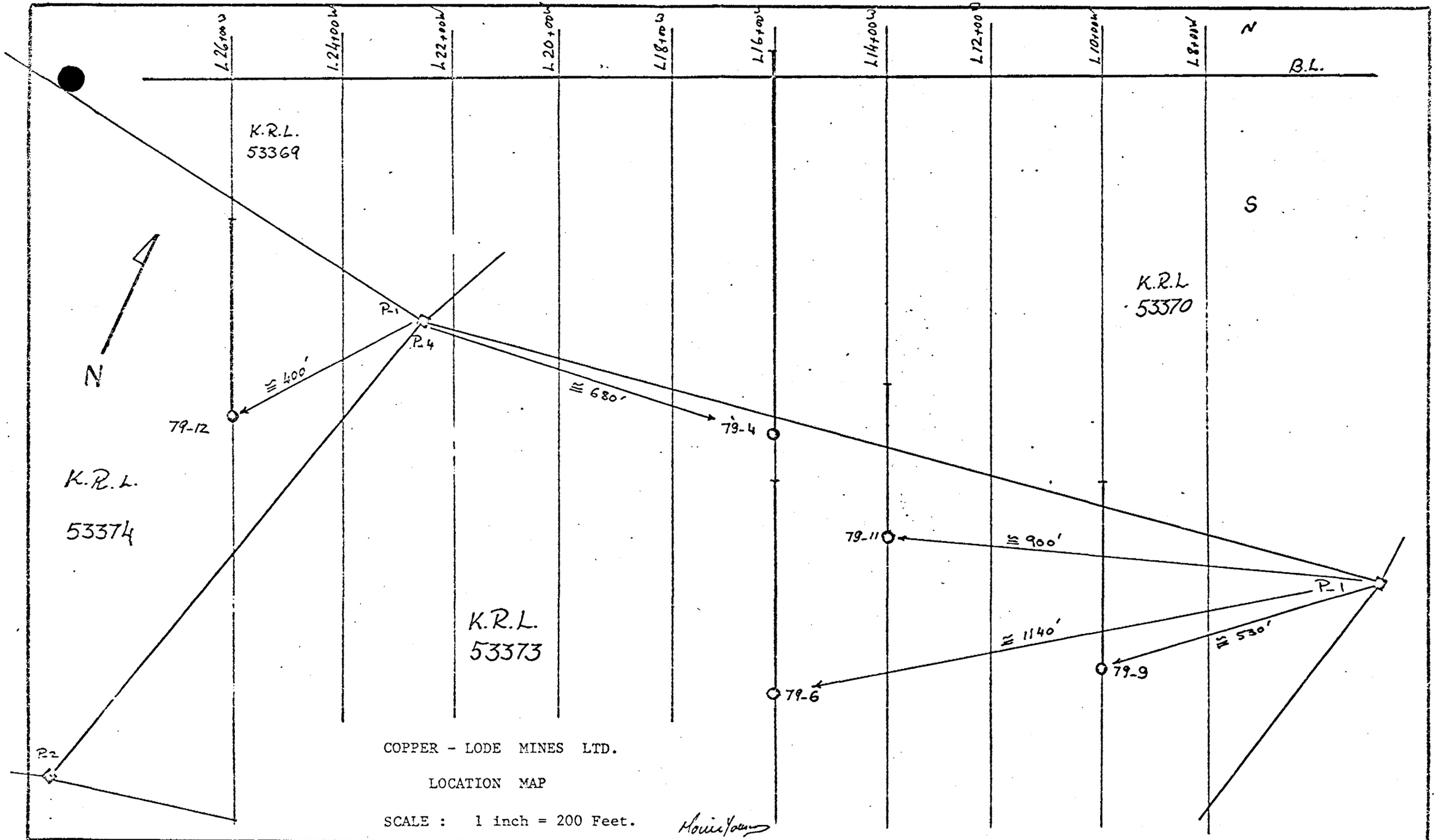
D-1
79_1
45
15'
KRL 53051
K.R.L.
53444
KRL
53330
LINE-24 EAST
LINE-28 EAST
LINE-32 EAST
LINE-36 EAST
KRL
53329
COPPER_LODE MINES LTD.
SKETCH OF D.D.H.
SCALE: 1"= 200'

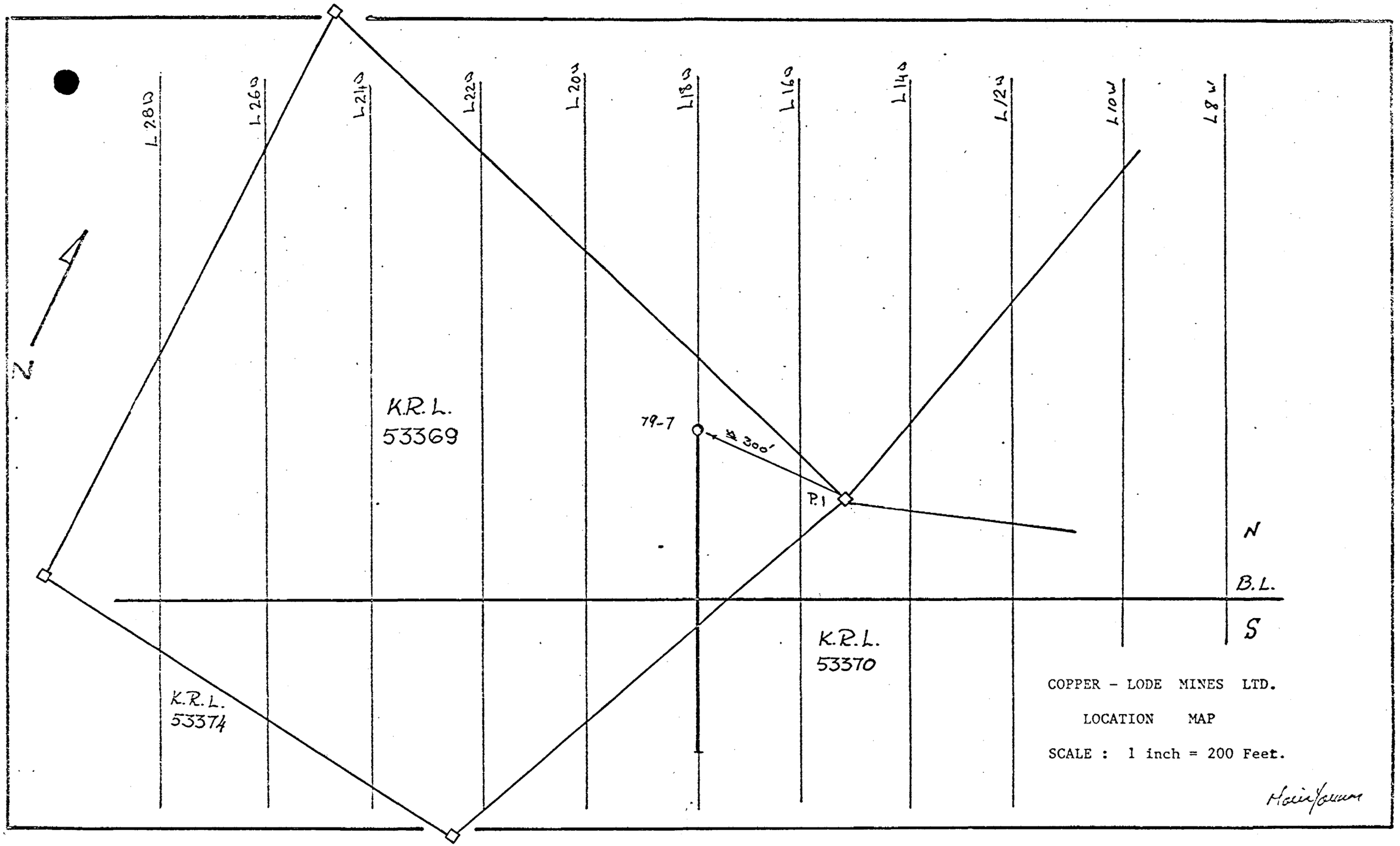


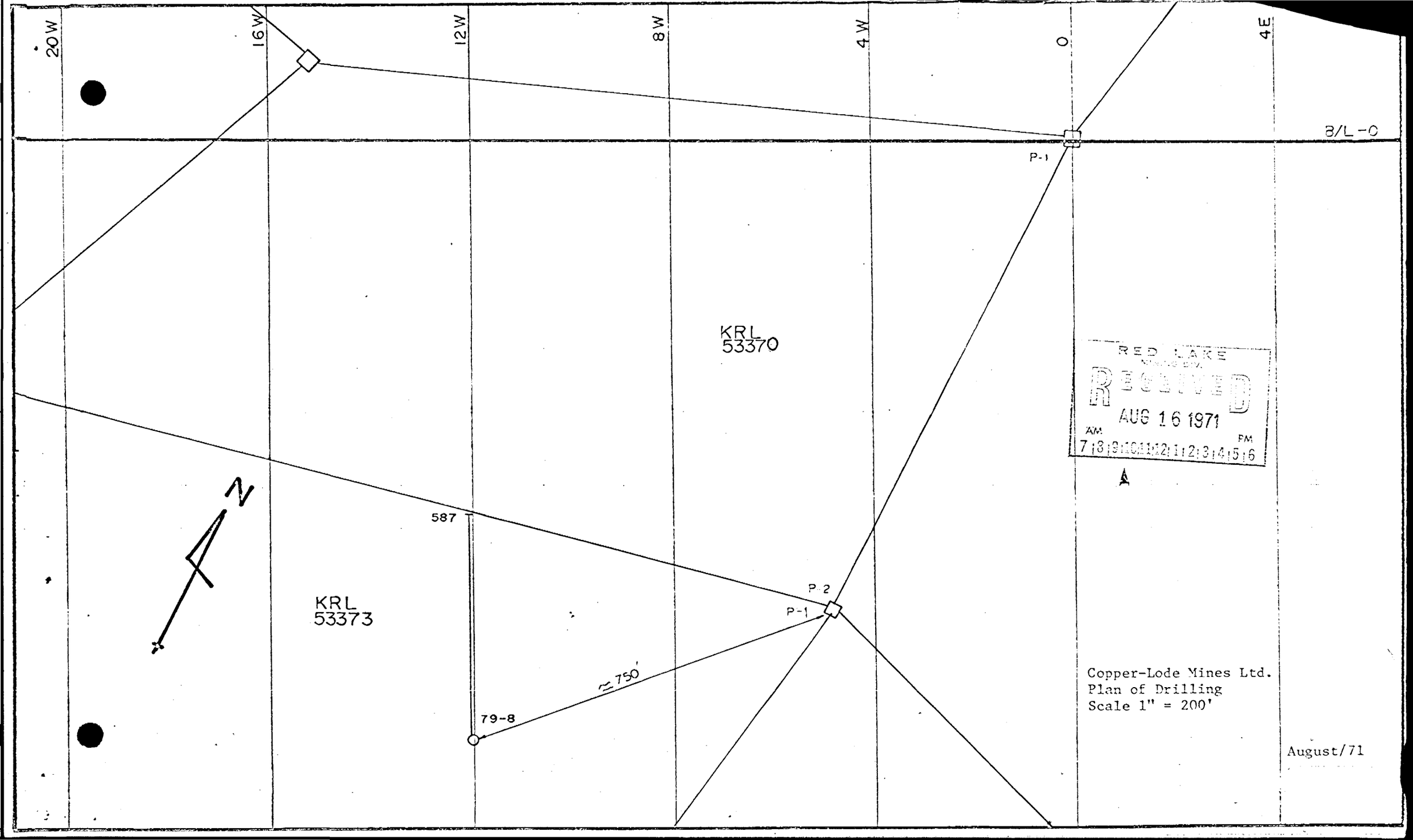
COPPER - LODE MINES LTD.

LOCATION MAP

SCALE : 1 inch = 200 Feet.

Copper Lode Mines
Sketch & D.D.H
Scale 1" = 200'


L 28 S
L 26 S
L 24 S
L 22 S
L 20 S
L 18 S
L 16 S
L 14 S
L 12 S
L 10 W
L 8 W
K.R.L.
53369
79-7
± 300'
P.1
N
B.L.
S
K.R.L.
53370
K.R.L.
53374
COPPER - LODE MINES LTD.
LOCATION MAP
SCALE : 1 inch = 200 Feet.


20 W
16 W
12 W
8 W
4 W
0
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P-1
KRL
53370
KRL
53373
587
P-2
P-1
≃750'
79-8
N
RED LAKE
RECEIVED
AUG 16 1971
AM
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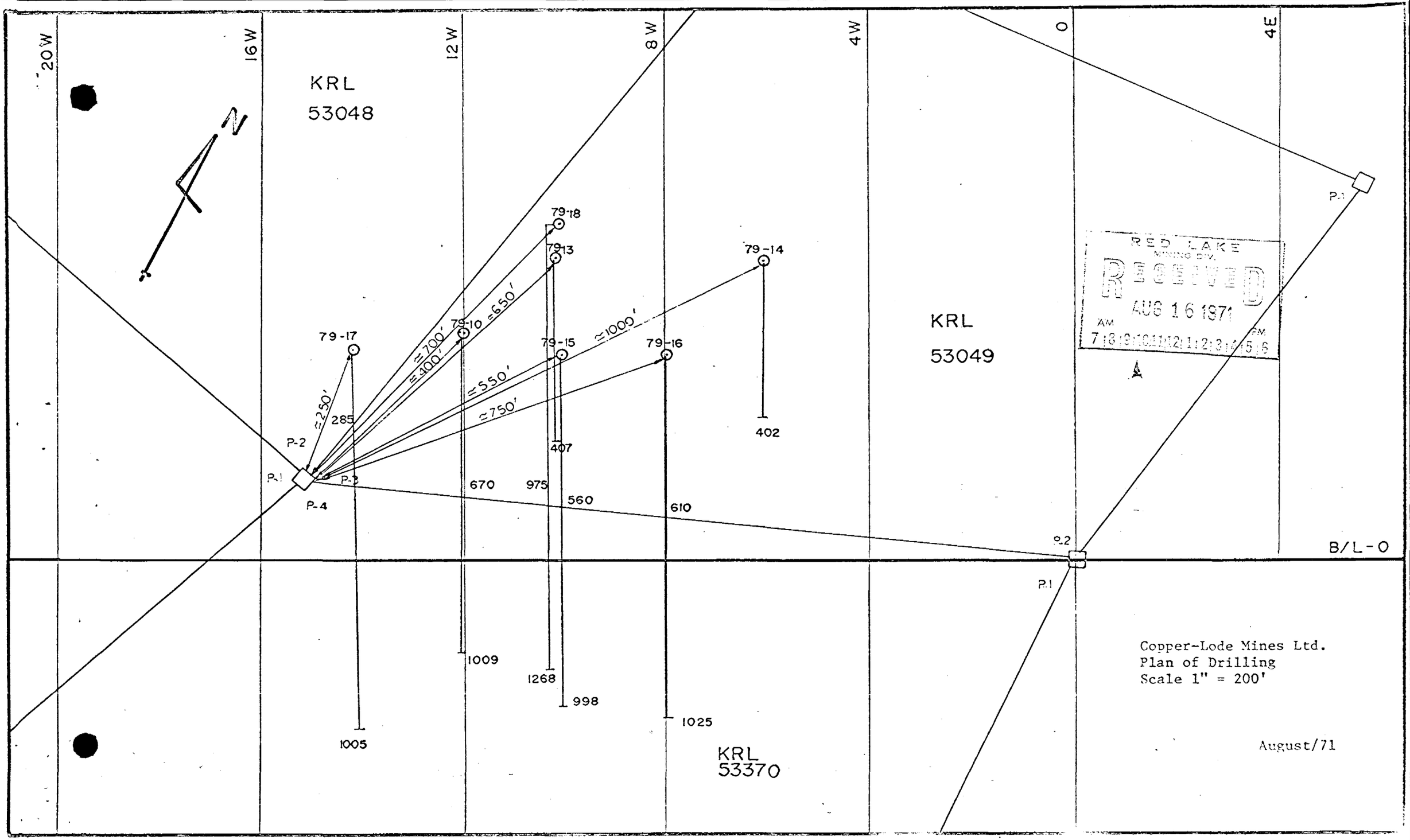
7 8 9 10 11 12 1 2 3 4 5 6
Copper-Lode Mines Ltd.
Plan of Drilling
Scale 1" = 200'
August/71


20W
16W
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53048
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53370
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79-18
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79-14
79-17
79-10
79-15
79-16
≃700'
≃400'
≃650'
≃1000'
≃550'
≃750'
≃250'
285
407
402
P-1
P-2
P-3
P-4
670
975
560
610
1009
1268
998
1025
1005
P-1
P-2
P-1
B/L-0
RED LAKE
MINING DIV.
RECEIVED
AUG 16 1971
AM
FM
Copper-Lode Mines Ltd.
Plan of Drilling
Scale 1" = 200'
August/71

DIAMOND DRILL RECORD

CLAIM NO. 53051 (KRL) PROPERTY Project No. 79 HOLE NO. 79-2

LATITUDE 28+00E ELEVATION BEARING North DEPTH 697' STARTED June 17th, 1969 COMPLETED June 22nd, 1969

DEPARTURE 18+25S SECTION DIP -45° DRILLED BY Fathom Drilling Ltd. LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	Dip Tests -- 33° at 200', 22° at 500', 18° at 700'					
0-11	Casing					
11-112	Finely layered biotite-hornblende schist. Probable paragneiss. Thin interlayers of quartz and feldspar with occassional narrow quartz stringers. Accessory pyrite to 5% in places. Section includes 3 narrow bands of quartzose metasediment (tuff?) at about 40-44, (carries about 5% pyrite), 73-82' (f.g. light quartz-carbonate bed or dirty marble), 100-105 finely layered serricitic tuff band with minor pyrite.					
	44-73 Coarse, strongly contorted basic metasediment, cut by narrow quartz stringers and contorted at bottom and top of section. Minor pyrite at 23-25, 36-37, 82-87, 102-104. C.A. 40° at 50', 45° at 70'.					
112-219	Schistose greenstone with occasional biotitic and tuffy layers.					
	112-118 - Greenstone with minor bands and felsic layers parallel to schistosity.					
	133-136.5 - Intermediate grey volcanic with feldspar porphyroblasts streaked along schistosity.					
	145-146					
	158-166 - Strongly schisted serricitic tuff. Some quartz lenticles.					
	171-219 - Uniform spotted greenstone. Speckled with dark hornblende in finer grained light green chlorite-feldspar mass. Minor pyrite in late fractures at 201', 203'.					
	Core angle 40° at 125', 40° at 143', 47° at 198'.					
219-233	Biotite-hornblende schist (metasediment?). Biotite layers comprising 30% of the section are interbanded with green amphibolite with minor 1/4" quarts-carbonate-diopside layers. C.A. 60° at 227'.					
233-239	Carbonated tuffaceous sericite schist, carrying about 10% pyrrhotite and very minor chalcopyrite, as fine streaks in the schistosity. Finely layered contorted, section grades from serricitic at top to diopside at base, into carbonate layer.					
239-261.5	White impure marble. Recrystallized to coarse grained massive diopside with minor carbonate and quartz.	X				
261.5-313	Medium grained layered biotite amphibolite, carrying interbanded light green amphibole-diopside-quartz layers with minor pyrite. (Metasediment).					
	298, 306 - Coarse contorted quartz-rich sections.					
313-385	Uniform light green intermediate volcanics. Narrow chlorite seams cause a weak wavy foliation between quartz-feldspar lenses. C.A. 60° at 325', 55° at 375'.					

CLAIM NO._____

DIAMOND DRILL RECORD

PROPERTY_____ HOLE NO._____

LATITUDE_____ ELEVATION_____ BEARING_____ DEPTH_____ STARTED_____ COMPLETED_____

DEPARTURE_____ SECTION_____ DIP_____ DRILLED BY_____ LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au	ASSAYS Ag
385-444	Dark coarse layered biotite amphibolite (biotite-hornblende schist) generally even layered with quartz layers in some parts.	PA 9	232.5	239	6.5	.05	Nil
	405-407 - Tight, fine foliated chloritic greenstone (shear).	PA 10	515	519	4	.02	Nil
	427-434 - Coarse recrystallized, contorted quartz-actinolite schist. Minor quartz layers with chalcopyrite specks (trace) at 397', 411', 413', 423.5', 429', 437'. C.A. 70° at 437', 65° at 388', 80° at 406'.						
444-451.5	Finely layered chloritic greenstone passing downwards into tight silicified tuff or mylonite. C.A. 85° at 450'.						
451.5-513	Medium grained biotite-hornblende gneiss. A generally evenly foliated basic (para?) gneiss containing about 20% biotite and up to 5% carbonate and relatively little quartz and feldspar in light green amphibole. Section contains a bed of felsic paragneiss, a granitized mylonitic band, and several zones of finer schistose chloritic greenstone. Accessory pyrite with minor chalcopyrite accompany coarser quartz-bearing zones in more contorted sections of the biotite-hornblende gneiss at 469-470', 476-477', 503'. 455-456 - Fine foliated granitized gneiss or mylonite. 470-476 - Felsic biotite paragneiss. 477.5-494, 496-497, 503-506 - Fine grained schistose chloritic greenstone contains coarser actinolite patches. C.A. 65° at 472'.						
513-521.5	Sulfide Iron Formation with minor quartz magnetite layers. The section passes from 1' of chloritic greenstone at 513.5 into narrow quartz magnetite bands and quartz pyrite to pyrrhotite between 515-519. Base of section is coarse grained actinolite greenstone with minor magnetite bands. 3" massive pyrite at 515.5, pyrite and pyrrhotite at 516-518.5. C.A. 75° at 515'.	IF					
521.5-697	Mainly biotite hornblende gneiss [basic paragneiss] with occasional garnets and felsic bands, and buff carbonate streaks. The gneiss is interlayered and gradational with finer evenly foliated chloritic amphibole schist (or greenstone) formed on tight shears. Minor chalcopyrite occurs with quartz lenses in the gneiss at 569-570', 576-577.5' with MoS_2, 579', 590', 604.5', 616', 685-686' and in the fine grained greenstone at 626.5', 632' (in tight shears). Occasional large garnets accompany chloritic and quartz-bearing layers in the section from 521 to 579'. Chlorite-amphibolite bands occur at 532-543', 589-590', 621-638'. Streaky biotite granite dyke with minor chalcopyrite at 638-640'. Pyrite and pyrrhotite accessories at 528', 595'. Mag at 527' and 543'. Core angles 70° at 525', 65° at 550', 75° at 600', 75° at 651'. Collar 780' south and 410' west of #1 post KRL 53051. End of hole. Core Recovery 98%. Hole flattened in lower section.	MoS_2					

DIAMOND DRILL RECORD

CLAIM NO. KRL 53051 PROPERTY Project No. 79 HOLE NO. 79-3

LATITUDE 24 E ELEVATION BEARING Grid North DEPTH 699' STARTED June 24th, 1969 COMPLETED July 8th, 1969

DEPARTURE 17+10 South SECTION DIP -50° North DRILLED BY Fathom Drilling Ltd. LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Au	Zn
	Dip Test -- 43° at 200', 33° at 500', 28° at 690'.								
0-16.5	Casing								
16.5-111	Biotite hornblende gneiss. Mafic paragneiss containing sections of actinolitic gneiss, tuffaceous quartz sericite schist and coarse quartz-diopside metasediment where noted. Accessory pyrite and pyrrhotite occur in streaks on schistosity and up to 5% in diopside rock. Tuffaceous quartz-sericite schist 21-24, 44-47.5, 62-63. Quartz-diopside-actinolite layers generally contorted 47-49, 70-77, 85-100. Pyrite at 42-43, 46.5-47.5, 59, 85-100. C.A. 40° at 20', 35° at 80', 45° at 110'.	PA 67	85	90	5	Trace	Trace	.02	Nil
		PA 68	95	100	5	Trace	.06	Trace	Nil
111-245	Greenstone. Grades from fine grained chloritic at top of section to coarser with dark hornblende specks from 140-175, and carrying minor quartz stringers, felsic layers, and biotite bands where noted. Feldspathic gneiss 176-177 and 179; biotite bands 207-209', 234-237', pyrite at 175.5, 177 (with quartz-biotite), 222-223 (with breccia), 244 (with chalcopyrite in horizontal serpentine fractures. C.A. 40° at 150', 40° at 175', 40° at 201'.								
245-250	Transition rock - fine grained quartz sericite carbonate schist carrying minor (5%) fine grained pyrrhotite throughout increasing slightly at base.								
250-296	Coarse spotted and brecciated diopside carbonate rock (Marble). 276.5-289 - Carries coarse heavy 25% pyrrhotite and minor pyrite. 291.5-295 - Greenstone layer grades into marble through coarse contorted quartz-feldspar-biotite gneiss. C.A. 45° at 295'.	PA 11	276	281	5	Nil	.20	Nil	Nil
		PA 12	281	290	9	Nil	.16	Nil	Nil
296-299	Transition rock - fine grained felsic carbonate gneiss.								
299-313	Biotite-hornblende schist - mafic metasediment containing biotite streaks and fine layers of quartz-actinolite and minor carbonate.								
313-338	Felsic chlorite - talc schist. Altered intermediate volcanics? Light coloured uniform schist containing thin quartz carbonate-actinolite bands more common in lower 10 feet. Minor pyrrhotite at 336', spot of chalcopyrite at 327'.								
338-350	Greenstone - grades inward from 1' of biotite-actinolite schist at contacts to a medium grained core marked by dark hornblende specks in lighter matrix. Small fold at 349'.								
350-355	Finely layered (tuffaceous?) quartz-muscovite-biotite schist. C.A. 45° at 351'.								

DIAMOND DRILL RECORD

CLAIM NO._____ PROPERTY Project No. 79 HOLE NO. 79-3

LATITUDE _____ ELEVATION _____ BEARING _____ DEPTH _____ STARTED _____ COMPLETED _____

DEPARTURE _____ SECTION _____ DIP _____ DRILLED BY _____ LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
						Cu	Ag	Au	Zn
355-470	Finely layered felsic chlorite-talc schist. Altered intermediate volcanics?								
	Light uniform schist composed largely of fine talc needlqs, feldspar some carbonate and narrow chlorite streaks. Narrow biotitic layers at 435-437',								
470-474	460-464'. Contorted at 383', 452-454'. C.A. 50° at 400', 40° at 423'. Transition through biotite-hornblende gneiss. With coarse streaks of quartz and brown carbonate.								
474-480	Quartz-pyrite-magnetite Iron Formation. Strongly banded magnetite 25% with	PA 69	475	480	5	.05	Trace	Nil	Nil
480-492	pyrite layers. C.A. 25° at 477', contorted at 478'. Biotite hornblende gneiss. Carries fine grained pyrrhotite (5%) at 482',								
492-529	disseminated pyrrhotite 488-490'. Chloritic greenstone - section grades from coarse grained amphibolite (492-								
	498) in contact with the hornblende gneiss to fine grained uniform chloritic greenstone below. Minor chalcopyrite at 517' in fine grained quartz local-								
529-550	ized in small fold. Biotite at 518-519'. C.A. at 518' = 15° (biotite bands) Biotite hornblende gneiss - greenstone layer 545-547', medium grained seri-								
	citic tuff. 533-534', slight pyrrhotite at 528', 2" chalcopyrite, pyrite and galena with quartz at 527'. Disseminated chalcopyrite in hornblende								
550-573	gneiss at 542'. C.A. 50° at 548'. Hornblende gneiss with interbedded greenstone and biotite gneiss, quartz								
573-593	bands 565-567'. Minor pyrite in hornblende gneiss 567-573'. Biotite quartz gneiss grading to Iron Formation at 577'. Blebs and bands	PA 70	575	580	5	.08	Trace	Trace	Nil
	along schistosity of pyrite and minor chalcopyrite, contorted 577-579'. Semi-massive pyrite and Iron Formation 591-593'.	PA 71	585	590	5	.10	.04	Nil	Nil
593-628	Interbanded quartz biotite gneiss, biotite gneiss and quartzite.								
628-640	Quartz layer, grey-white, medium grained minor disseminated pyrite.								
640-656	Biotite hornblende gneiss, fractured with slight quartz stringers parallel schistosity, minor blebs of pyrite.								
656-678	Biotite hornblende gneiss, highly sheared, I.F. bands 656-657', 665-667', 675-678'. Semi-massive pyrite 667-674' 30% and scattered throughout rest of	PA 72	665	670	5	.11	.08	.01	Nil
678-697	zone, fractured parallel to core. Quartz-biotite gneiss interbanded with hornblende gneiss, contorted at 696'.	PA 73	670	675	5	.05	Trace	.01	Nil
697-699	Chlorite gneiss, green. C.A. 45° at 685'.								
699	End of Hole								
	Core Recovery 98%								

CLAIM NO. KRL 53373 collar KRL 53370 below 150'

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-4

LATITUDE 16 W ELEVATION BEARING Grid North DEPTH 995' STARTED June 28th, 1969 COMPLETED July 8th, 1969

DEPARTURE 6+70 South SECTION DIP -60° DRILLED BY Fathom Drilling Ltd. LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Au	Zn
	Dip Tests -- 55° at 200', 45° at 400', 41° at 600', 41° at 800', 33° at 995'								
0-11	Casing (Left in Hole)								
11-271	Schistose actinolitic greenstone - containing minor biotite bands and some bleached actinolite-epidote-quartz alteration. Pyrite and pyrrhotite occur as scattered disseminations or streaks on foliation. Some minor sphalerite, galena and chalcopyrite accompany pyrite at 145', 214', 266' in sheared actinolite schist. Pyrite and pyrrhotite at 16', 1" at 29', 5% disseminated and minor chalcopyrite at 29-32', 34', 66-67', 221-222'. Minor chalcopyrite at 158', 206', 221-222', 207-209, 231', 234', 236'.	PA 123	29	35	6	.10	.18	Nil	
	252-254' - with poor trace of galena with brown garnets.	PA 124	230	240	10	.05	.04	Nil	
	255-256 - brecciated quartz in chlorite schist. C.A. 35° at 23', 35° at 75', 30° at 125', 35° at 178', 50° at 197', 40° at 250'. Small fold at 144' (near sulfide) plunges 10° to grid W.	PA 125	290	300	10	.06	.16	Nil	
271-285	Felsic chlorite gneiss (Intermediate volcanic?). Fine grained felsic lenses separated by thin streaks of chlorite and actinolite.								
	275-278 - basic greenstone layer. No sulfide. Mineral layering crossed by schistosity. C.A. at 283' 55° chlorite layers, 35° schistosity.								
285-333	Amphibolitic - Sulfide and magnetite Iron Formation. 5' core of quartz magnetite I.F. between thicker quartz-actinolite-diopside metasediment with heavy disseminated pyrite and pyrrhotite.	PA 126	300	310	10	.09	.24	Nil	
	285-295 - amphibolite I.F. Disseminated pyrrhotite throughout with 25% pyrrhotite and minor chalcopyrite at 291.5-293, 293.5-295. Mag I.F. core 295-300'.								
	300-333 - amphibolitic I.F. heavy pyrrhotite at 302-307, 309, 324-325, 328-329. C.A. 40° at 300'.								
333-495	Biotite-hornblende gneiss (altered metasediment). Mixed section - Predominantly hornblende gneiss with lesser quartz-feldspar and biotite bands interlayered with coarsely recrystallized chlorite-actinolite schists, in sheared sections.	PA 128	405	415	10	.18	.40	Nil	
	362-377 - Light coloured felsic talc chlorite schist (int. volcanics) chlorite increases towards bottom of section. No sulfide.	PA 129	435	445	10	.08	.06	Nil	
	377-409 - Garnet biotite-hornblende gneiss. Includes several sections of chlorite-actinolite-garnet schist with chalcopyrite in thin streaks on cleavage, or in fractures in the garnet. Minor cpy. 377-378, 380, 381, 383; 407-409 semi-massive po. and minor cpy. in brecciated quartz. C.A. 45° at 400'.	PA 130	469	475	6	.37	.42	Nil	

CLAIM NO. _____ **DIAMOND DRILL RECORD** PROPERTY Project No. 79 HOLE NO. 79-4

LATITUDE _____ ELEVATION _____ BEARING _____ DEPTH _____ STARTED _____ COMPLETED _____

DEPARTURE _____ SECTION _____ DIP _____ DRILLED BY _____ LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
333-494	(continued)					
	409-440 - Biotite hornblende gneiss. As above but lacking garnets. At base of interval 2' on recrystallized chlorite and actinolite schist formed beside pyrite and pyrrhotite in quartz. At 412-413 silicified zone with 5% pyrite, 5% chalcopyrite, 2% sphalerite and galena. 438-440 30% pyrite, 10% pyrrhotite in quartz beside chloritic alteration.	Samples				
	440-476 - Light green carbonate-bearing biotite-chlorite-amphibole paragneiss					
	441.5-442.5 - 10% pyrrhotite with minor chalcopyrite associated with quartz.					
	461 - minor chalcopyrite and pyrite in quartz; 468, 470-474 chalcopyrite blebs and streaks in sheared chloritic section. C.A. 60° at 450'					
	476-494 - Biotite-hornblende paragneiss with some garnet.					
	488-492 - minor chalcopyrite streaks with quartz.					
494-495	Breccia - Fragments of brittle greenstone broken on serpentine slip faces. Commonly 20° to C.A.					
495-666	Basic Volcanic - greenstone - mainly fine grained uniform andesite with interbedded felsic biotite (phlogopite) chlorite gneiss, grading in and out of coarser chlorite actinolite schist. Parts of the andesite are blocky serpentinized breccia healed with quartz carbonate					
	495-546 - Greenstone - minor chalcopyrite stringers 530-531, 534 minor pyrite brecciated at 512, 521-526 fractures 20° to C.A.					
	546-566 - Felsic phlogopite - chlorite gneiss. Grading into chlorite actinolite schist between 556-559. In. chalcopyrite at 556' with pyrite and quartz.					
	566-666 - Greenstone - Fairly uniform chloritic greenstone carrying minor biotitic streaks and crossed by quartz-carbonate in lower sections.					
	581-587 - Brecciation healed with quartz-carbonate and serpentine.					
	590-594 - Biotitic greenstone.					
	613-614 - Biotite hornblende garnet gneiss with 1/2" streaks of quartz and pyrite. Quartz-carbonate streaks common between 614-634'.					
	C.A. 55° at 571', 60° at 602', 58° at 650'.					

DIAMOND DRILL RECORD

CLAIM NO.

PROPERTY Project No. 79

HOLE NO. 79-4

LATITUDE

ELEVATION

BEARING

DEPTH

STARTED

COMPLETED

Page #3.

DEPARTURE

SECTION

DIP

DRILLED BY

LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
						Cu	Ag	Au	[illegible]
666-756	Biotite-hornblende paragneiss with thin interbeds of chloritic hornblende gneiss and some quartz-garnet rich sections.	PA 131	735	746	11	.44	.92	Nil	[illegible]
	702-703 - Late quartz stringers heal fractures in breccia.								
	707-708 - 6" massive pyrrhotite with chalcopyrite at edges in actinolite garnet gneiss (garnetiferrous)	PA 133	758	768	10	.22	Trace	Nil	[illegible]
	723-725 - Minor splotches of chalcopyrite with quartz and coarse grained garnet (garnetiferrous)								
	738-740 - Minor chalcopyrite streaks on foliation.								
	745-746 - 3% chalcopyrite and trace of galena with quartz in coarse grained actinolite chlorite.	PA 134	768	773	5	.15	Trace	Nil	[illegible]
	C.A. 60° at 750'.								
756-772	Finely layered schistose. Chlorite-Pyrrhotite-Magnetite Iron Formation grades abruptly to schistose chloritic greenstone and dirty quartz diopside rock over short sections. Minor chalcopyrite associated with pyrrhotite at 758-760', 762', 763', 767', 771-772'. (Iron Formation and Quartzite)								
772-778	Dirty quartzite. Diopside quartzite with minor magnetite. (Iron Formation and Quartzite)								
778-790	Quartz-chlorite magnetite Iron Formation. Approximately 25% magnetite as 3" contorted bands. Pyrrhotite = 5% disseminated in schistosity. Strongly contorted in schistose sections, at 784' small fold plunges vertical. (Iron Formation and Quartzite).								
790-806	Biotite hornblende gneiss.								
	790-791 - Garnet actinolite schist.								
806-807	Chlorite magnetite Iron Formation and minor chalcopyrite contains 3" siliceous layer with 10% pyrrhotite and 10% chalcopyrite.								
807-832	Light green chlorite and magnetite (5%) quartzite. With narrow actinolite-diopside. Section carries minor pyrrhotite and chalcopyrite at 812-813', 818-819' (10% pyrrhotite in schistosity), 822' minor chalcopyrite, 823-824' chalcopyrite with 20% pyrrhotite for 6" in diopside.	PA 132	823	833	10	.10	Trace	Nil	[illegible]
	819-821 - medium grained hornblende diorite dyke.								
	C.A. 50° at 811'.								
832-834.5	Biotite-actinolite tremolite schist (shear zone?). Grading down into biotite garnet hornblende gneiss. Minor chalcopyrite throughout.								

CLAIM NO. _____ # DIAMOND DRILL RECORD PROPERTY Project No. 79 HOLE NO. 79-4

LATITUDE _____ ELEVATION _____ BEARING _____ DEPTH _____ STARTED _____ COMPLETED _____

DEPARTURE _____ SECTION _____ DIP _____ DRILLED BY _____ LOGGED BY P. J. Clarke

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Au	Z
		PA 132	823	833	10	.10	Trace	Nil	Nil
834.5-867	Intermittently mineralized section - coarse biotite hornblende gneiss with	PA 13	833	838	5	.16	.06	Nil	Nil
	bands of coarser biotite garnet-actinolite-quartz alteration. Heavy pyrrho-	PA 14	838	843	5	.36	.18	.02	Nil
	breccia. Minor disseminated pyrrhotite and chalcopyrite throughout.	PA 15	843	848	5	.51	-	-	Nil
	834.5-843 - coarse grained biotite-hornblende gneiss. Minor chalcopyrite disseminated on gneissosity throughout.	PA 16	848	853	5	.30	.12	Trace	Nil
	843-847.5 - siliceous zone with 15% pyrrhotite, 5% pyrite. Accompanied by coarse grained diopside-garnet and biotite	PA 17	853	858	5	.18	Trace	Nil	Nil
	847.5-864 - hornblende garnet biotite gneiss. Some chalcopyrite at 850', 853-855', 855-858' with disseminated pyrrhotite. Chloritic	PA 18	858	863	5	.18	.04	Nil	Nil
	quartz actinolite biotite schist minor chalcopyrite and pyrrho- tite at 858-862'.	PA 19	863	868	5	.72	.70	Nil	Nil
	864-867 - Chloritic sulfide breccia - Quartz and hornblende fragments in massive pyrrhotite and 10% chalcopyrite matrix.								
867-883	Actinolite chlorite schist and greenstone. Very contorted at top of section								
	grading down to a more uniform chloritic greenstone.								
883-893	Hornblende gneiss. Minor silica and biotitic bands parallel schistosity								
893-911	Greenstone - altered, with amphibolite and biotite gneissic bands.	PA 20	910	915	5	.37	Trace	Nil	Nil
911-930	Iron Formation - tuffaceous, siliceous, with biotite and amphibolite bands,	PA 21	915	920	5	.08	Nil	Nil	Nil
	semi massive pyrrhotite - 25%, chalcopyrite 6% and magnetite 911-914. Contorted at 911-912. Narrow magnetite bands with very scattered pyrrhotite	PA 22	920	925	5	.10	Trace	Trace	Nil
	and chalcopyrite to 524'. C.A. 55° at 920'.								
930-963	Biotite quartz gneiss interbanded with amphibolite slight garnets 530-535'.								
	Narrow quartz stringers and narrow bands of pyrite and associated chalcopy-								
	rite in silica rich zones from 948-952. Minor chalcopyrite and pyrite dis-								
	seminated and in blebs throughout biotite quartz gneiss which grades to								
	quartzite near base.								
963-995	Biotite hornblende gneiss, very minor pyrite and chalcopyrite scattered								
	throughout, slight quartz stringers 1" bands of pyrite and chalcopyrite at								
	979' and 985'.								
995	End of Hole								
	Core Recovery 98%								

K.R.L. 53050

CLAIM NO. (KRL 53371) **DIAMOND DRILL RECORD** PROPERTY Project 79 HOLE NO. 79-5

LATITUDE L SE ELEVATION BEARING Grid North DEPTH 702' STARTED July 11th, 1969 COMPLETED July 16th, 1969

DEPARTURE 15+50S SECTION DIP -50° North DRILLED BY Fathom Drilling Ltd. LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag	
	Dip Test 44° at 200', 42° at 400', 36° at 600'.							
0-11	Casing set.							
11-59	Intermediate greenstone fine grained with tuffaceous layers, quartz stringers and cross fractures filled with quartz, quartz breccia zones at 38', 54' and 59'. Cross fractures at 55° and 35° to core. C.A. 65° at 59'.							
59-266	Felsic metasediment, quartzite, biotite quartz gneiss, light felsic band at 95-109'. With narrow felsic bands throughout. C.A. 60° at 200', 55° at 266' boxwork fracture 256-266. Disseminated pyrite scattered throughout.							
266- 450	Greenstone fine grained interbanded with mafic hornblende gneiss, metasediment and biotite gneiss. Metasediment 298-307', 313-316', 350-355', 375-380'. Actinolite gneiss at 290', 293'. Minor pyrite bands 278' along shears. 303-306 in metasediment, 309' in hornblende gneiss, 351-354' in metasediment, 375-381 in metasediment, 421-425' in interbedded greenstone, metasediment and hornblende gneiss. Folded mafic gneiss (contorted) 385-393' with minor pyrite. Numerous quartz-calcite veinlets and stringers - contorted and parallel schistosity. Disseminated pyrite scattered throughout core. C.A. 55° at 350', 50° at 435'. Garnets 318-320'.	PA 137	300	305	5	Trace	.04	
		PA 138	350	355	5	Trace	Trace	
		PA 139	375	380	5	.05	Trace	
450-505	Greenstone, chloritic with minor biotite and hornblende bands 450-452', 469-472'. Quartz-calcite stringers throughout. Minor pyrite in shears and along fractures. C.A. 50° at 470'.	PA 140	420	425	5	Trace	Trace	
505-521	Biotite gneiss interbanded with hornblende gneiss. Minor pyrite along fractures and disseminated slight quartz-calcite stringers parallel schistosity.							
521-526	Quartz-diopside-calcite zone. Semi-massive pyrite and minor chalcopyrite in part (1-2' bands)	PA 141	522	527	5	.05	.22	
526-629	Biotite gneiss interbanded with biotite hornblende gneiss, hornblende gneiss and felsic metasediment. Quartz-diopside band 540-544'. Garnets 531-540', 560-585', 593-594'. Metasediment bands 544-545', 603-605'. Minor pyrite scattered throughout.							
629-670	Hornblende gneiss interbanded with minor biotite bands and altered greenstone in part. Biotite quartz gneiss becoming more predominant at base slight quartz carbonate stringers. Very sparce pyrite throughout.							
670-702	Hornblende gneiss medium grained (mafic) with numerous quartz and calcite filled fracture parallel to core and along shears. Very minor pyrite.							
702	End of Hole							
	Core Recovery 98%							

DIAMOND DRILL RECORD

CLAIM NO. KRL 53373 PROPERTY Project No. 79 HOLE NO. 79-6

LATITUDE 16+00W ELEVATION BEARING Grid North DEPTH 601' STARTED July 9th, 1969 COMPLETED July 13th, 1969

DEPARTURE 11+50S SECTION DIP -50° North DRILLED BY Fathom Drilling Ltd. LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Tests 43° at 200', 36° at 400', 33° at 600'.						
0-20	Casing Set						
20-58	Felsic metasediment interbedded with quartz biotite gneiss. Numerous quartz stringers parallel shearing at 63°. Slight carbonate stringers and minor biotite bands.						
58-131	Hornblende gneiss interbanded with quartz biotite gneiss. Schistosity 68° at 75'. Very minor pyrite band at 88'. Contorted quartz-diopside stringers 111-113'. Quartz calcite diopside band 113-115. Disseminated pyrite and in blebs	PA 142	110	116	6	Trace	Nil
	(10%) throughout the quartz-diopside band. Narrow quartz stringers at 123' and 127'.	PA 143	125	135	10	Trace	Trace
131-168	Hornblende gneiss interbedded with felsic metasediment. Medium grained green-stone band 147-148'. Disseminated pyrite and in blebs. 139-147 10%, 150-167	PA 144	135	147	12	0.03	Trace
	5%. Garnets 154-167.	PA 147	150	160	10	Trace	Nil
168-225	Hornblende gneiss interbedded with biotite quartz gneiss pyrite mineralization						
	187-205' (10%). Disseminated and in narrow bands along shears. Garnets 168-172', 208-221', very minor chalcopyrite noted. C.A. 60° at 200'.	PA 145 PA 146	186 196	196 205	10 9	.06 Trace	Nil Nil
225-348	Mafic hornblende gneiss interbanded with altered greenstone. Slight quartz stringers and biotite gneissic bands. Very minor pyrite scattered along						
	shears and in blebs along fractures. Slight carbonate stringer at 278' (6"). Garnets 235-260', 287', 289'. C.A. 55° at 303'.						
348-383	Chloritic greenstone with quartz carbonate stringer grading to hornblende gneiss near base. C.A. 60° at 380'.						
383-421	Greenstone altered with biotite gneiss bands, quartz-carbonate bands and horn-blende gneiss. Metasediment band 415-417'. Slight pyrite in fractures and						
421-427	along shears throughout. Metasediment, talc sericite schist with quartz stringers. C.A. 55° at 425'.						
427-488	Interbedded garnetifferous biotite gneiss quartz biotite gneiss, altered greenstone and hornblende gneiss. Garnets 427-435', 475-487'. Quartz car-	PA 148	467	477	10	.05	Nil
	bonate bands at 433', 438', 467-471', 487-488' pyrite and minor pyrrhotite along shears and disseminated at 435', 439', 456', 466-467' (semi massive)						
	(trace of Zn); 6" at 471', 474-475.5' (semi massive). Trace 478', 487'.						
488-506	Biotite quartz gneiss with minor carbonate stringers pyrite disseminated and	PA 149	499	509	10	.04	.14
	in bands along shears. 499-501 20% pyrite, pyrrhotite, trace chalcopyrite;						
	502-506 20% pyrrhotite, pyrite.	PA 150	509	519	10	Trace	Nil
506-521	Quartz-carbonate-diopside band with crystals and disseminated pyrite, pyrrho-tite 5-10%. C.A. 50° at 523'.						

CLAIM NO. _____ **DIAMOND DRILL RECORD** PROPERTY Project No. 79 HOLE NO. 79-6

LATITUDE _____ ELEVATION _____ BEARING _____ DEPTH _____ STARTED _____ COMPLETED _____

DEPARTURE _____ SECTION _____ DIP _____ DRILLED BY _____ LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
521-571	Interbanded biotite quartz gneiss and hornblende gneiss. Disseminated pyrite throughout quartz and biotite bands throughout. Silica-calcite=diopside layers 545-548', 533-534'. More mafic gneiss and altered greenstone towards base. Garnets 530-533', 587-588'.					
571-601	Altered greenstone and biotite hornblende gneiss. Biotite gneiss 598-601'.					
601	End of Hole -- Casing pulled					
	Core Recovery 98%					

CLAIM NO. KRL 53369

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-7

LATITUDE 18+00W ELEVATION BEARING Grid South DEPTH 1,008' STARTED July 15th, 1969 COMPLETED July 23rd, 1969

DEPARTURE 3+25N SECTION DIP -65° South DRILLED BY Fathom Drilling Ltd. LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Au
	Dip Tests -- 55° at 200', 53° at 400', 50° at 600', 46° at 800'.							
0-4	Casing							
4-145	Biotite gneiss interbanded with hornblende gneiss and biotite tremolite - actinolite gneiss. Narrow quartz-calcite and minor diopside bands throughout. (Highly contorted in some bands). A couple of blebs of chalcopyrite at 9'. Pyrite band at 44', and minor pyrite scattered throughout. Garnets at 40', 45-50', 85-115', 140-145'. Biotite sericite schist at 80-90', 135-140'. 100-115' small folds noted in quartz stringers.							
145-325	C.A. 65° at 20', 60° at 73', 60° at 120'. Biotite hornblende gneiss interbanded with biotite sericite schist, hornblende gneiss and biotite quartz gneiss. Biotite sericite schist at 215-222', 240-245'. Hornblende gneiss 174-181', 271-282', 285-296', 318-325'. Biotite quartz breccia zone 168-174', pyrite and trace of chalcopyrite. Garnets 198-213', 260-270', 234-245'. Quartz-carbonate zone 248-250'. Numerous quartz-calcite stringers. Diorite dyke 174-176', 177-179', C.A. 65° at 200'.							
325-366	Biotite gneiss interbanded with quartz biotite gneiss and hornblende gneiss. Pyrite in blebs and along shears. Narrow quartz stringers throughout. C.A. 55° at 355'.							
366-481	Biotite hornblende gneiss interbanded with biotite quartz gneiss and hornblende gneiss. Numerous quartz stringers. Andesite fine grained 380-382'.	PA 23	480	485	5	.08	Trace	Nil
481-553	Pyrite scattered throughout. Garnets 442-453', 478-485'. C.A. 55° at 425'. Biotite gneiss interbanded with biotite-actinolite gneiss, hornblende gneiss quartz calcite filled stringers along shears pyrite and chalcopyrite along shears.	PA 24	485	490	5	Trace	Trace	Nil
	480-485 - 8% pyrite, 5% chalcopyrite	PA 25	490	495	5	Trace	Trace	Trace
	487-494 - pyrite and minor chalcopyrite	PA 26	495	500	5	Trace	Nil	Nil
	494-498 - 1-2% chalcopyrite, pyrite, blebs and trace of chalcopyrite at 528' 530', 6" at 533' (5% chalcopyrite), 1" at 534' (5%), 1" at 553'	PA 27	500	505	5	.06	Trace	Nil
	(10%) chalcopyrite associated with quartz and garnets and along shears. Garnets spotty throughout section. 509-520' 2-3% chalcopyrite, 4% pyrite. Minor disseminated and along shears 520-525', 498-503'.	PA 28	505	510	5	Trace	Nil	Nil
		PA 29	510	515	5	.30	[illegible]	Trace
553-606	Biotite gneiss interbanded with hornblende gneiss biotite-actinolite bands 567', 573', 575-581'. Biotite hornblende gneiss 584-594'. Garnets 573'.	PA 30	515	520	5	.32	Trace	Nil
	Quartz biotite bands throughout. Quartz diopside zone 602-605'. Chalcopyrite 2" at 553' (10%), minor bands along shears 555-560' (1%). Trace in blebs	PA 31	520	525	5	.04	.08	Nil
	and along shears 560-575', 585-605'.							

CLAIM NO.

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-7

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Au
606-622	Chloritic greenstone and mafic gneiss. Highly fractured and altered.	PA 32	525	530	5	.09	.06	Nil
622-624.5	Diorite dyke.							
624.5-627	Hornblende gneiss. Trace of chalcopyrite and pyrite.	PA 33	530	535	5	.32	.16	Nil
627-648	Quartz-diopside-carbonate with biotite gneiss and garnetiferrous biotite gneiss. Garnets 636', 639', 642', 643', 645-648'. Pyrite and chalcopyrite	PA 34	535	540	5	.04	Trace	Nil
	disseminated and in blebs 628-633' 2% chalcopyrite, 5% pyrite. 633-637' chalcopyrite 1%, pyrite 3%. Slight pyrrhotite and minor chalcopyrite 6" at	PA 35	540	545	5	Trace	Trace	Nil
648-675	644'. Pyrite 10%, very minor chalcopyrite in blebs throughout rest of core. Hornblende gneiss interbanded with biotite gneiss and chloritic bands. 661-	PA 36	545	550	5	Trace	Trace	Nil
	664', 667-670'. Very minor chalcopyrite in blebs and along shears. C.A. 45° at 670, 55° at 550'.	PA 37	550	555	5	.05	Trace	Nil
675-698	Hornblende gneiss interbanded with biotite gneiss. Quartz-tremolite-diopside zone with garnets 685-698'. Garnets 675-698'. Chalcopyrite and pyrite with	PA 38	555	560	5	.07	Trace	Nil
	minor pyrrhotite mineralization in trace in fine shears 675-676', 686-687' 10% chalcopyrite. 692-693' 5% chalcopyrite. Trace 693-698'.	PA 39	628	633	5	.35	.08	.02
698-750	Hornblende gneiss interbanded with chloritic biotite gneiss, altered green- stone bands 705-713', 723-736', with garnets. Highly fractured and sheared	PA 40	633	638	5	.14	.08	Nil
	tuffaceous diopside transition rock 736-744'. Calcite filled fractures gar- nets, tremolite-actinolite hornblende bands throughout minor chalcopyrite,	PA 41	638	643	5	Trace	.04	Nil
	pyrite in shears and blebs. Light quartz band with talc filled shears 746- 747'.	PA 42	643	648	5	.12	Nil	Nil
750-769.5	Quartz-biotite diopside breccia zone, shearing parallel core. Semi-massive pyrrhotite, pyrite 760.5-762'. Chalcopyrite, pyrrhotite 2" at 764.5-765'.	PA 43	675	680	5	.14	Nil	Nil
	Large crystals of pyrrhotite, chalcopyrite 6" semi-massive pyrrhotite at 765'. 1' at 768.5-769.5'.	PA 44	680	685	5	.04	.04	Nil
769.5-785	Mafic gneiss with medium grained altered greenstone in part slight biotite (1" bands) and narrow quartz stringers.	PA 45	685	690	5	.28	.08	Nil
785-820	Altered greenstone with numerous quartz-calcite filled shears and quartz- diopside filled shears altered to mafic, gneiss 792-797'. Biotite hornblende	PA 46	690	695	5	.19	Trace	Nil
	gneiss 800-820' with cross fractures. C.A. 55° at 820'.	PA 47	695	700	5	.30	.08	Nil
820-825	Biotite hornblende gneiss shear zone. Quartz stringers 8" at 823'. Pyrite	PA 48	760	765	5	.32	.12	Nil
825-850	and pyrrhotite 20% minor blebs of chalcopyrite 2%. Fine grained sheared greenstone with biotite and quartz along shears. Minor	PA 49	765	770	5	.15	Nil	Nil
	folds notch in quartz stringers and quartz diopside zones at 6" at 837', 6" at 842'. C.A. 50° at 830'.	PA 50	820	825	5	.13	.04	Nil
850-869	Quartz-diopside biotite-amphibolite gneiss with slight slickensides at 853'. Minor pyrite and chalcopyrite in shears 853-854'. Hornblende zone 865-867'.							
	Fractured and altered zone 871-873', garnets 855-860'.							

CLAIM NO.

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-7

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		
						Cu	Ag	Au
889-902	Garnetiferrous quartz-diopside zone. Slickensides parallel to core and slight quartz fractures 60-70° to core. Schistosity 70° to core. Trace of chalcopyrite, pyrrhotite 889-895'. 895-900' 5% chalcopyrite, 7% pyrrhotite.	PA 51	890	895	5	.27	Nil	Nil
		PA 52	895	900	5	1.15	.36	Nil
902-928	Amphibolite with fine grained greenstone bands 911-921'. Minor quartz diopside 1' at 913'. Numerous quartz stringers. Minor 1" band of chalcopyrite (5%). Schistosity at 45°.							
928-963	Quartz diopside garnetiferrous gneiss interbanded with amphibolite and altered greenstone. Quartz stringers throughout. Minor chalcopyrite at 932' in garnet-amphibolite.							
963-1004	Greenstone fine-grained with quartz-calcite filled fractures. Slight quartz carbonate garnetiferrous zone.							
1004 - 1008	Quartz-carbonate-diopside. Fractured parallel to core. Slickensides very minor pyrite.							
1008	End of Hole							
	Core Recovery 98%							

CLAIM NO. KRL 53373

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-8

LATITUDE 12+00W ELEVATION BEARING Grid N DEPTH 587' STARTED July 17/69 COMPLETED July 20/69

DEPARTURE 12+00S SECTION DIP -50°N DRILLED BY Fathom Drilling Ltd. LOGGED BY W. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS CU	AG	AU
	Dip Tests: 43° at 200', 40° at 400', 30° at 587'.							
0- 16	Casing							
16- 20	Altered greenstone with biotite bands. Pyrite along shears.							
20- 74	Biotite gneiss, altered greenstone, hornblende gneiss, contorted 46-49.							
74-208	Calcite-quartz bands, minor pyrite and garnets. Biotite gneiss interbanded with hornblende gneiss and altered greenstone							
	bands. Garnets 87-125. Narrow quartz stringers and pyrite along shears throughout. Meta sediment 6" at 171.	PA 53	273	278	5	.07	Nil	Nil
208-290	Meta sediment 208-210, interbanded with quartz-diopside 210-213 (contorted)							
	and biotite quartz gneiss, hornblende gneiss. Contorted 267. Pyrite	PA 54	290	295	5	Tr	Nil	Nil
	and chlorite throughout. Garnets 173-183, 256-258. Altered greenstone 222-226. Quartz stringers parallel schistossity, amphibolite band							
	236-238. 2' semi massive pyrite 274-276 in quartz-diopside chlorite bands. Core Axis 55° at 30', 50° at 150', 55° at 260'.							
290-301	Quartz-biotite hornblende gneiss, garnets throughout. Pyrite band at 292.							
301-306	Altered greenstone with quartz and calcite stringers.							
306-315	Quartz-calcite shear zone in greenstone. Minor talc along shears.							
315-351	Altered greenstone chloritic with quartz-calcite stringers throughout.							
351-362	Tuffaceous calcite-quartz-diopside zone disseminated pyrite. Highly fractured with quartz and calcite filling fractures.							
362-371	Garnetiferous-biotite quartz gneiss. Pyrite disseminated and along shears 369-371. Tuffaceous talc alteration zone to 371.							
371-446	Talc-chloritic altered greenstone and talc sericite tuffaceous schist, highly fractured and sheared. Minor pyrite throughout. Medium grain							
446-460	chloritic mafic gneiss 390-405. Talc chloritic greenstone 432-446. Highly altered talc breccia zone, felsic band, tuffaceous in part.							
460-510	Biotite gneiss interbanded with sericite biotite schist and hornblende biotite schist.							
510-587	Quartz-diopside biotite gneiss, altered greenstone and I.F. Quartz-diopside 510-515, altered greenstone 515-531, 542-549, biotite hornblende gneiss	PA 55	560	565	5	.06	Nil	Nil
	531-542. Biotite hornblende gneiss 549-587. I.F. 560-565, with minor 1" band of chalcopyrite and pyrrhotite at 562. Quartz biotite zone at							
	568-570. Core Axis 45° at 580.							
	END OF HOLE							
	CORE RECOVERY 98%							

RED LAKE MINING DIV. RECEIVED AUG 16 1971 AM 7 8 9 10 11 12 1 2 3 4 PM 5 6

CLAIM NO. KRL 53373

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-9

LATITUDE 10+00W ELEVATION BEARING Grid N DEPTH 501 STARTED July 21/69 COMPLETED July 24/69

DEPARTURE 11+00S SECTION DIP -50°N DRILLED BY Fathom Drilling Ltd. LOGGED BY W. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Au	Z
	Dip Tests: 47° at 100', 41° at 300', 38° at 500'.								
0- 8	Casing								
8-117	Hornblende gneiss interbanded with quartz biotite and biotite gneiss. Garnetiferous zones 20-48. Quartz biotite gneiss 30-44. Pyrite along shears in biotite gneiss. Folding in biotite and quartz stringers at 35-37.								
117-195	Amphibolite interbanded with meta-sediment, biotite hornblende gneiss and quartz-diopside. Meta-sediment 167-170, 172-175. Quartz-carbonate diopside 186-190 pyrite, pyrrhotite 20%. 193-195 minor pyrite, pyrrhotite.	PA 56	185	190	5	.05	.16	Nil	
	Biotite hornblende garnetiferous gneiss 175-186. 190-193, 161-163.	PA 57	261	266	5	.04	.14	Nil	
195-261	Biotite gneiss interbanded with felsic meta-sediment, amphibolite.	PA 58	266	271	5	.04	Tr	Nil	
	Numerous quartz-diopside carbonate bands. Pyrite along shears and disseminated throughout.	PA 59	271	276	5	Tr	Nil	Tr	
261-372	Quartz-diopside-carbonate with quartz stringers. Quartz diopside varies from coarse grain to fine grain. Biotite sericite schistose bands	PA 60	340	345	5	Tr	.10	Nil	
	341-343, 344-346. 328-329 Blebs and disseminated pyrrhotite and pyrite.	PA 61	345	350	5	Tr	.12	Nil	
	263-273, 25% (semi massive) blebs and fracture filled pyrrhotite and pyrite	PA 62	350	355	5	Tr	.10	Tr	
	throughout rest of zone. Pyrrhotite, zinc 345-354. 45° at biotite schist.	PA 63	355	360	5	.04	.03	Tr	
372-501	Biotite gneiss, interbanded with hornblende gneiss, quartz-diopside calcite	PA 64	360	365	5	.03	Tr	-	
	zones. Minor bands of pyrite, pyrrhotite and zinc 378-385. Garnets 385-403. Slickensides 385-390. Core Axis - 40° at 400'.	PA 65	365	372	7	Tr	.08	-	
501	END OF HOLE	PA 66	380	385	5	Tr	.06	.02	
	CORE RECOVERY 99%.								

DIAMOND DRILL RECORD

CLAIM NO. KRL 53049 PROPERTY Project No. 79 HOLE NO. 79-10

LATITUDE 12+00W ELEVATION BEARING Grid S DEPTH 1009' STARTED July 24/69 COMPLETED July 30/69

DEPARTURE 4+50N SECTION DIP -65°S DRILLED BY Fathom Drilling Ltd. LOGGED BY W. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Tests: -60° at 200', -41° at 400', -39° at 600', -36° at 800', -31° at 1000'.						
0- 45	Casing						
45- 60	Biotite hornblende gneiss. Highly sheared and fractured pyrite and pyrrhotite in shears throughout. Core Axis -55° at 50'.						
60-102	Fault zone, sheared quartz-calcite felsic breccia. Highly fractured with slickensides - talc - serpentine along fractures. Highest degree of fracturing 70-92. Minor pyrrhotite and pyrite along shears and in fractures. Lost core 73-76, 77-78, 79-80, 4" at 81, 6" at 86, 6" at 87.						
	Core Axis 70° at 100'.						
102-173	Amphibolite interbanded with biotite gneiss and quartz-biotite gneiss.	PA 95	107	112	5'	.09	.04
	pyrrhotite, pyrite 15%. 107-111, Quartz vein 123-24, pyrite, pyrrhotite 146-147 (minor).						
173-270	Biotite gneiss-meta sediment interbedded with amphibolite gneiss. Garnets 189-193, 208-220, 235-244, 250-256. Pyrite along shearing and associated						
	with quartz 202-210 1%, 216-218 15%, 2" at 238 with minor chalcopyrite, 1/2" at 234. Core Axis -60° at 251.	PA 96	200	210	10	.04	Nil
270-348	Biotite gneiss and smphibolite gneiss (metasediment), breccia zone 275-281. Highly sheared and fractured. Garnets 325-336. Pyrite associated with						
	biotite along shears. 326-349 7% with minor chalcopyrite. Core Axis - 60° at 325, 55° at 348.						
348-380	Amphibolite gneiss with biotite bands, pyrite and chalcopyrite, minor 72% scattered throughout. Garnets along shears in part. Narrow quartz	PA 97	350	360	10	.04	Nil
		PA 98	360	370	10	.10	"
	stringers 8" at 73, 8" at 74.	PA 99	370	375	5	.08	"
380-418	Amphibolite with interbedded biotite gneiss and meta sediment. Chalcopyrite						
	and pyrite in blebs at 381 (trace). Core Axis 50° at 400'.						
418-420	Greenstone bands.						
420-424	Amphibolite gneiss. Trace of chalcopyrite associated with quartz stringer.						
424-429	Altered quartz-diopside with amphibolite in part. Chalcopyrite, pyrite 5%.	PA 100	425	430	5	.14	.06
429-447	Greenstone fine grained-medium grained with minor pryite and chalcopyrite along shears. Quartz stringers throughout.						
447-468	Amphibolite with altered greenstone bands and biotite amphibolite gneiss. Slight chalcopyrite along shears (Trace).						
468-492	Amphibolite grading to fine grained greenstone, chalcopyrite, pyrite along shears 21%. Slight quartz stringers and biotite bands.						

AUG 16 1971
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

CLAIM NO. KRL 53049

DIAMOND DRILL RECORD

PROPERTY Project No. 79

HOLE NO. 79-10

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH 1009' STARTED July 21/69 COMPLETED July 30/69

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY W. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Zn
492-544	Amphibolite with interbanded biotite and quartz-hornblende biotite gneiss chalcopyrite and pyrite associated with quartz and along shears. 492-500 1%, 500-513 Trace, 513 - 3" of 15%, 515-525 slight trace, 525-535 Trace, 536-538 10% chalcopyrite and minor pyrrhotite, 543 - 3" of 5% chalcopyrite.	PA 101	535	545	10	.20	.10	
544-586	Amphibolite interbanded with biotite and meta-sediment. Chalcopyrite 583 - 3" 10%, minor bleb at 586. Biotite chlorite gneiss 553-563. Core Axis - 50° at 575.							
586-660	Biotite gneiss interbanded with biotite hornblende gneiss, quartz diopside and altered greenstone. Chalcopyrite and pyrite associated with shears and quartz stringers throughout. Garnets 601-606, chalcopyrite, pyrite 600-601 5%. 605-610 (5% chalcopyrite), 610-615 (2% chalcopyrite) 615-620 (5% chalcopyrite) Quartz-diopside 621-627. minor chalcopyrite, slight bleb of chalcopyrite at 631. Altered greenstone 647-653 with quartz calcite filled fractures 653-660. Biotite hornblende gneiss with traces of chalcopyrite and pyrite. Core Axis - 45° at 600.	PA 103	600	610	10	.15	Nil	
		PA 102	610	620	10	.14	Trace	
660-668	Garnetifferous biotite-sericite quartz schist, chalcopyrite 7%.	PA 104	660	670	10	.13	.10	
668-700	Biotite amphibolite gneiss with minor quartz stringers and minor chalcopyrite scattered throughout. 680-685 (4%). Core Axis 45° at 680.							
700-719	Interbedded amphibolite and biotite gneiss with minor chalcopyrite and pyrite.	PA 105	680	685	5	.24	Trace	
719-723 723-726	Quartz-diopside biotite gneiss, chalcopyrite and pyrrhotite 20% Biotite amphibolite gneiss.							
726-757	I.F. in biotite quartz gneiss, dirty quartzite, tuffaceous quartz gneiss. Chalcopyrite, pyrrhotite associated with the I.F., large garnets 726-730, 746-747. 526-535 2% chalcopyrite, 3% pyrrhotite, 735-740 30% pyrrhotite, Trace chalcopyrite. 740-743 Chalcopyrite 3%, 750-757 chalcopyrite 2%, pyrrhotite 10%.	PA 74	719	725	6	.45	.06	Nil
		PA 75	725	730	5	.13	Tr	Nil
		PA 76	730	735	5	.13	.08	-
		PA 77	735	740	5	.34	.26	-
		PA78	740	745	5	.27	.14	-
757-770	Amphibolite and biotite gneiss, very minor chalcopyrite.	PA 79	745	750	5	.14	Tr	-
770-782	Biotite hornblende gneiss with minor garnet. Chalcopyrite at 770, 774, 775-777, chalcopyrite 1% over interval.	PA 80	750	755	5	.20	.04	-
		PA 81	755	760	5	.06	Nil	-
782-797	Dirty quartzite, chalcopyrite 3%, pyrite 5%. I.F. associated with chalcopyrite at 758.	PA 82	760	770	10	.04	Tr	-
		PA 83	770	775	5	.13	.10	-
797-824	Biotite gneiss interbedded with amphibolite, chalcopyrite 800-805 3%. Trace throughout rest.	PA 84	775	780	5	.20	Tr	-
		PA 85	780	785	5	.16	Nil	-
		PA 86	785	790	5	.51	.18	-
		PA 87	790	795	5	.14	Tr	-
		PA 88	795	800	5	.58	.12	-

DIAMOND DRILL RECORD

CLAIM NO. KRL 53049 PROPERTY Project No. 79 HOLE NO. 79-10

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH 1009' STARTED July 21/69 COMPLETED July 30/69

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY W. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag	Zn
824-831	Biotite hornblende gneiss, chalcopyrite 2-3%.	PA 89	800	805	5	.39	.06	
831-850	Dirty quartzite- meta-sediment with I.F. bands at top. Chalcopyrite and pyrrhotite 831-835 trace, 840-845 pyrrhotite and very minor chalcopyrite along shears, 2' diorite dike 846-847.	PA 90	805	815	10	.18	Nil	
		PA 91	815	825	10	.25	.10	
		PA 92	825	830	5	.38	.10	
850-864	I.F. in dirty quartzite, minor chalcopyrite and pyrrhotite.	PA 93	830	840	10	.22	Tr	
864-878	Amphibolite and biotite gneiss with quartz stringers	PA 94	840	850	10	.22	Tr	
878-922	I.F. in quartzite with interbedded amphibolite and biotite gneiss bands. 878-880 - pyrrhotite 30%, chalcopyrite 3%, 5" at 888 of 10% chalcopyrite, 892-893 - pyrrhotite 30%, chalcopyrite 10%. 907-913 - pyrrhotite 10%, chalcopyrite 1%, 915-922 - pyrrhotite 15%, chalcopyrite 1%.							
922-990	Amphibolite and biotite gneiss with medium grain to fine grain altered greenstone bands, numerous quartz-calcite stringers, very minor trace of chalcopyrite.	PA106	880	890	10	.08	Nil	
		PA 107	890	900	10	.34	Tr	
		PA 108	879	800)				
990-1006	Greenstone and interbedded meta-sediment. Greenstone highly fractured with quartz-calcite filling stringers. Core Axis - 45° at 1000'.		900	905)	6	..29	.18	
		PA 109	905	915	10	.20	Nil	
1006-1009	Greenstone with minor pyrite.	PA 110	915	925	10	.09	Tr	
1009'	END OF HOLE - CASING PULLED							
	CORE RECOVERY 98%							

RED LAKE RECORDED AUG 16 1971 AM 7 8 9 10 11 12 1 2 3 4 5 PM

CLAIM NO. KRL 53373

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-11

LATITUDE 14+00 W ELEVATION BEARING Grid N DEPTH 403' STARTED July 25/69 COMPLETED July 27/69

DEPARTURE 8+50 S SECTION DIP - 50° DRILLED BY Fathom Drilling Ltd LOGGED BY W. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Test 46° at 200', 43° at 400'						
0- 4	Casing						
4- 23	Hornblende gneiss with slight biotite and quartz-calcite stringers along shears. Core Axis 55°.						
23- 46	Greenstone fine grained with slight narrow quartz stringers along shears. Quartz porphyry stringer 39-41 with trace chalcopyrite.						
46- 75	Amphibolite and biotite gneiss with lighter biotite quartz gneiss.						
75- 80	Meta-sediment with quartz-calcite bands.						
80-142	Biotite gneiss interbanded with hornblende gneiss and garnetitferous biotite gneiss. Contorted biotite bands at 101-103.						
	Garnets 80-95, 101-115, 119-130. quartz stringers throughout. Minor pyrite and pyrrhotite associated with Garnets 119-130. Pyrite in shears						
	associated with biotite and quartz 130-142, 5%. Core Axis 50° at 140.	PA 111	140	150	10'	Trace	.18
142-165	Quartz-diopside carbonate with interbanded biotite sericite schist and	PA 112	150	160	10	Trace	.22
	amphibolitic gneiss. Biotite schist 148-154 with narrow bands throughout.	PA 113	160	165	5	Trace	1.32
	Pyrrhotite and pyrite 142-150, 10%. 150-155, 20%, 155-165, 5%.						
165-183	Biotite hornblende gneiss with minor pyrite along shears. Quartz-diopside 182-183.						
183-218	Biotite gneiss interbanded with meta-sediment and amphibolite. I.F. pyrrhotite 184-186. Quartz-diopside carbonate 215-218. pyrite, pyrrhotite	PA 114	209	215	6'	Trace	.20
	and minor zinc.						
218-255	Biotite hornblende gneiss interbanded with garnetitferous biotite schist						
	and meta-sediment. Garnets 221-226. Biotite sericite schist 226-255. Quartz-calcite stringers throughout. Core Axis - 50° at 225.						
255-375	Biotite sericite schist interbedded with amphibolite and garnetitferous biotite gneiss. Contorted quartz-biotite at 247-28. Amphibolite 295-308						
	and minor bands throughout. Garnets 295-300, 310-320, 332-335. Contorted zones 341, 347, 348. Core Axis - 50° at 300', 45° at 350'.						
375-403	Biotite amphibolite gneiss interbanded with meta-sediment and garnetitferous biotite gneiss. 6" pyrite at 396' associated with garnets, slight						
	disseminated pyrite in shears throughout.						
403	END OF HOLE - CORE RECOVERY 99%.						

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DIAMOND DRILL RECORD

CLAIM NO. KRL 53374 PROPERTY Project No. 79 HOLE NO. 79-12

LATITUDE 26+00W ELEVATION BEARING Grid North DEPTH 398' STARTED July 28th, 1969 COMPLETED July 31st, 1969

DEPARTURE 6+25S SECTION DIP -50° DRILLED BY Fathom Drilling Ltd. LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Tests -- 48° at 200', 46° at 390'						
0-15	Casing.						
15-145	Talc-tremolite-sericite-amphibolite gneiss, highly fractured and sheared in part. Remnant amphibolite inclusions and bands throughout.						
145-170	Biotite amphibolite gneiss interbedded with tremolite-talc-sericite gneiss 155-162. Quartz biotite gneiss 151-153.						
170-237	Amphibolite interbanded with quartz-diopside and biotite hornblende gneiss. Quartz diopside- 170-180 pyrrhotite, pyrite 5%, 180-185. Interbedded with	PA 115	170	180	10	.05	0.68
		PA 116	180	185	5	0.03	.24
	biotite gneiss pyrrhotite, pyrite 10%. 1' at 196', 199-207' 10% pyrrhotite pyrite, 212-214 10% pyrrhotite, pyrite, 221-228 pyrrhotite, pyrite 10%, 231-	PA 117	195	205	10	Trace	.64
	232 10% pyrrhotite, pyrite. Garnetiferrous sections throughout, contorted 231-235. C.A. 30° at 185'.	PA 118	205	210	5	Trace	.28
237-327	Amphibolite and biotite gneiss with light siliceous bands and slight tremolite sericite band,, garnets 238-243, 250 and scattered throughout rest of section.	PA 119	220	230	10	Trace	Trace
	Contorted at 237-240', 243-245'. Slight pyrite along shears and scattered throughout. Contorted 287-289'. C.A. 50° at 250'.						
327-377	Amphibolite with quartz diopside to 334'. I.F. contorted with associated pyrrhotite, pyrite, slight biotite bands, garnets 353-377'. Pyrrhotite and	PA 120	334	340	6	Trace	Trace
	pyrite 334-340' 15%, 350-355 20% pyrrhotite, pyrite, 355-360 30% pyrrhotite, pyrite; 360-370 10% pyrrhotite, pyrite. Contorted magnetite bands throughout.	PA 121	350	360	10	0.04	.20
	C.A. 40° at 365'.	PA 122	365	370	5	.04	.12
377-385	Highly altered biotite-quartz-amphibolite gneiss with large garnets.						
385-398	Biotite amphibolite gneiss, garnets 387-391'. C.A. 45° at 387'.						
398	End of Hole						
	Core Recovery 99%						

CLAIM NO. 53049

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-13

LATITUDE 10+00W ELEVATION BEARING Grid South DEPTH 407' STARTED August 1st, 1969 COMPLETED August 2nd, 1969

DEPARTURE 6+00N SECTION DIP -50° DRILLED BY Fathom Drilling Ltd. LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Tests -- 45° at 200', 37° at 400'						
0-13	Casing.						
13-34	Biotite quartz gneiss metasediment with minor hornblende bands. Pyrite stringers along shears.						
34-80	Quartz-biotite porphyry gneiss with biotite along shears and associated minor pyrite.						
80-169	Biotite gneiss interbedded with biotite-sericite gneiss and amphibolite gneiss Numerous quartz stringers and gneiss sheared to schist in part. Minor pyrite bands throughout. C.A. 45° at 100'.						
169-215	Biotite-quartz gneiss metasediment with coarse grained amphibolite (gabbro?).						
	178-198 - disseminated pyrite and minor traces of chalcopyrite. Interbedded biotite and amphibolite gneiss to 215'.						
215-225	Siliceous band 215-217'. Greenstone fine grained to 225' with disseminated pyrite and in blebs throughout.						
225-252	Biotite gneiss, amphibolite gneiss and latered greenstone.						
252-350	Biotite-quartz metasediment interbedded with amphibolite pyrite and very minor chalcopyrite along shears 292-300'. C.A. 45° at 300'. Tremolite-sericite schist 333-340' with blebs of pyrrhotite and pyrite and minor chalcopyrite.	PA 135	290	300	10	.18	.24
350-407	Amphibolite gneiss interbanded with biotite gneiss metasediment. Biotite sericite gneiss in part. Minor pyrite trace of chalcopyrite, 6" at 364'. Slight blebs and 1/4" bands along shears from there to bottom. 1" at 405'.	PA 136	330	340	10	.05	.12
407	End of Hole						
	Core Recovery 99%						

RED LAKE
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AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

CLAIM NO. 53049

DIAMOND DRILL RECORD

PROPERTY Project No. 79

HOLE NO. 79-14

LATITUDE 6+00W | ELEVATION | BEARING Grid South | DEPTH 402' | STARTED August 4th, 1969 | COMPLETED August 5th, 1969

DEPARTURE 5+95N | SECTION | DIP -50° | DRILLED BY Fathom Drilling Ltd. | LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Tests -- 43° at 200', 37° at 400'.						
0-5	Casing.						
5-50	Biotite granitic gneiss interbedded with biotite-hornblende gneiss. Pyrite along shears throughout. (Surface weathering).						
50-78	Quartz-porphyry gneiss with slight disseminated pyrite highly sheared with biotite bands along shearing. C.A. 55°.						
78-129	Biotite-quartz gneiss interbedded with biotite hornblende gneiss with quartz porphyry band (127-126). Disseminated pyrite and very minor chalcopyrite	PA 151	77	87	10	.06	.08
129-185	78-92'. Quartz-biotite gneiss and biotite hornblende gneiss with numerous siliceous	PA 152	130	140	10	Trace	Nil
	bands. Minor pyrite disseminated and in shears. Garnets 149-154', pyrite and minor chalcopyrite 130-140'. C.A. 50° at 150'.						
185-275	Amphibolite geniss interbedded with biotite gneiss, metasediment. Minor quartz stringers. Minor pyrite and pyrrhotite along shearing and in blebs.	PA 153	270	275	5	0.06	.12
	265-275 (5%). C.A. 45° at 200'.						
275-359	biotite gneiss metasediment and amphibolite gneiss. Numerous quartz string-	PA 154	320	325	5	.13	.20
	ers. Minor pyrite and trace of chalcopyrite along shears. 320-335'. C.A. 50° at 300'.	PA 155	350	360	10	.10	.04
359-402	biotite hornblende gneiss metasediment and hornblende gneiss. Slight 1/4" bands along shears of pyrite and minor chalcopyrite 359', 365', 374', 377',	PA 156	364	374	10	.05	.08
	378', 379', [illegible]' (pyrite), 396'.	PA 157	374	384	10	.04	Nil
		PA 158	390	398	8	.13	.24
402	End of Hole						
	Core Recovery 99%						

RED LAKE MINING DIV.
RECEIVED
AUG 16 1971
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

DIAMOND DRILL RECORD

CLAIM NO. 53049 PROPERTY Project No. 79 HOLE NO. 79-15

LATITUDE 10+00W ELEVATION BEARING Grid South DEPTH 998' STARTED August 7th, 1969 COMPLETED August 12th, 1969

DEPARTURE 4+00N SECTION DIP -65° DRILLED BY Fathom Drilling Ltd. LOGGED BY Lynne [illegible]

RED LAKE ... RECEIVED AUG 16 1971 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag		
	Dip tests 52° at 200', 42° at 400', 31° at 600', 24° at 800', 22° at 998'.								
0-12	Casing								
12-123	Quartz-breccia 12-20. Biotite gneiss interbedded with amphibolite and meta sediment bands. Contorted 12-36. Garnets 30-40. Minor pyrite and chalcopyrite along shears at 21', 23', 36', 38', 46', 49', 53', 56', 58' and 123' with other traces scattered along shears throughout. C.A. -70° at 25', 65° at 50', 60° at 100'.								
123-176	Biotite sericite schist with minor amphibolite and biotite gneiss bands. Highly sheared. Quartz-calcite filled fracture 70° to core at 143'. Vertical or near vertical fractures throughout.								
176-225	Biotite gneiss interbedded with biotite sericite schist and very minor amphibolite bands. Minor quartz stringers with slight chalcopyrite, pyrite along shears. 1/2" at 202'.								
225-277	Biotite sericite schist interbedded with biotite. Slight alteration zone (225-228 pyrrhotite, pyrite and minor chalcopyrite)	PA 159	225	230	5	.05	.10		
277-310	Amphibolite interbanded with biotite gneiss, minor 1/2" bands of pyrite, pyrrhotite at 295'. Numerous quartz stringers.								
...-345	Breccia zone. Felsic breccia-porphyry in part, slickensides, fractured. Minor chalcopyrite and pyrite associated with fractures and quartz-calcite filled fractures - 330-335'.	PA 160	330	335	5	0.23	.12	0.24	25.0
...-400	Biotite sericite gneiss interbedded with biotite gneiss. Chalcopyrite and pyrite along shears. 1" at 353', at 396'. 380-390 less than 1%. 45° at 300'								
400-...	Biotite gneiss, quartz porphyry and biotite sericite schist. Quartz porphyry ...-435'. Highly sheared and fractured. Chalcopyrite and pyrite 402-425'	PA 161	400	410	10	.42	.28	Spec @ 401	
		PA 162	410	420	10	.55	.24		
	...-... Chalcopyrite and pyrite associated with garnets and quartz stringers. ...copyrite and pyrite (438-441' - 3% chalcopyrite). C.A. 40° at 425'.	PA 163	420	425	5	.27	.16	Spec @ 421	
		PA 198	425	437	12	.10	.24		
450-476	Biotite gneiss interbedded with quartz porphyry (460-469). Pyrite and chalcopyrite along shears and associated with quartz. 453-455 (2% chalcopyrite).	PA 164	437	442	5	.35	.18		
	455-459 1-2% chalcopyrite. 473-474 (trace). Garnets 470-475.	PA 165	450	460	10	.20	.12		
476-482	Sheared zone, felsic quartz-breccia. Highly fractured and sheared.								
482-487	Quartz porphyry sheared with biotite along shears.								
487-515	Pegmatite coarse grained with interbanded biotite gneiss and meta sediment ... chalcopyrite at 503'.								
515-542	Biotite and amphibolite gneiss with slight quartz stringers pyrite and chalcopyrite in shears and blebs 515-520 1%, 520-542 1-1.5%. Garnets 515-530'.	PA 166	515	525	10	.44	Trace		
		PA 167	525	535	10	.23	Trace		

DIAMOND DRILL RECORD

CLAIM NO. ..... PROPERTY Project No. 79 ..... HOLE NO. 79-15

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED ..... Page #2.

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag		
542-628	Amphibolite, biotite and quartz biotite gneiss. Numerous quartz stringers	PA 168	535	542	7	.15	.06		
	and minor chalcopyrite bands at 623-628 2%, 599-603 1%, 570-575 1%. Garnets 570-575, 592, 620-628.	PA 169	570	575	5	.15	.06		
628-635.5	Sulfide zone. Semi massive chalcopyrite and pyrrhotite in quartz. Chalcopyrite 12%, pyrrhotite 20%.	PA 173	599	604	5	1.04	.36		
635.5-650	Iron Formation and minor chalcopyrite in dirty sheared quartzite. 635.5-640 2% chalcopyrite, trace 640-645 1% chalcopyrite.	PA 185 PA 186	604 614	614 622.5	10 8.5	.20 .07	.12 .02		
650-667	Iron Formation pyrrhotite, pyrite with minor chalcopyrite in quartzite and quartz breccia (658-659) with biotite sericite gneiss at base.	PA 170 PA 171	622.5 627.5	627.5 635.5	5 8	.12 8.71	Trace 3.60		
667-757	Biotite gneiss interbedded with slight amphibolite gneiss. Bands of chalcopyrite along shears and in blebs throughout. Numerous quartz stringers.	PA 172	635.5	645.5	10	0.21	Trace		
	715-720 1% chalcopyrite, 728-738 1%, 738-748 1%, 748-758 1%. Diorite dyke 749-751.	PA 174	715	720	5	.20	.04		
757-803	Iron Formation in biotite quartz gneiss, dirty quartzite, quartz-sericite schist and amphibolite. Highly fractured. Heavy sulfides associated with	PA 175 PA 176	726 736	736 746	10 10	.13 .16	.02 .04		
	Iron Formation. 758-768, 768-778, 778-788, 788-793.5 - 1% chalcopyrite over interval associated with Iron Formation.	PA 177 PA 178	746 756	756 766	10 10	.28 .17	.06 .06		
803-828	Amphibolite gneiss interbedded with narrow quartz diopside bands and biotite gneiss. Numerous quartz stringers pyrrhotite, pyrite 820-828 (3%). Minor chalcopyrite and pyrite 803-813 - .5-1%.	PA 179 PA 180 PA 181	766 776 786	776 786 796	10 10 10	.22 .17 .08	.04 .06 .04		
828-940	Amphibolite and biotite gneiss with numerous quartz stringers, slight contortions. Minor chalcopyrite and pyrite 6" at 861'. 1-1.5% chalcopyrite 920-925'. Very minor traces throughout rest of core.	PA 182 PA 183	796 806	806 815	10 9	.06 .13	.02 .10		
940-980	Greenstone fine grained, sheared with interbanded biotite gneiss and biotite quartz gneiss at 949-955'. C.A. 25° at 975'.	PA 184	920	925	5	.15	.26		
980-998	Amphibolite and biotite gneiss biotite gneiss (980-985). Pyrite and pyrrhotite in narrow bands along shears. 993-997 with associated garnets. C.A. 25° at 990'.								
998	End of Hole								
	Core Recovery 99%								

RED LAKE MINING DIV. RECEIVED AUG 16 1971 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

DIAMOND DRILL RECORD

CLAIM NO. 53049 PROPERTY Project No. 79 HOLE NO. 79-16

LATITUDE S+00W ELEVATION BEARING Grid South DEPTH 1,025' STARTED August 13th, 1969 COMPLETED August 21st, 1969

DEPARTURE 4+00N SECTION DIP -65° DRILLED BY Fathom Drilling Ltd. LOGGED BY Wm. Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
	Dip Tests -- 55° at 200', 44° at 400', 40° at 600', 36° at 800', 30° at 1000'						
0-21	Casing						
21-87	Biotite gneiss interbedded with biotite sericite schist, chloritic biotite schist and amphibolite. Slight breccia zone 74-76 with 1" offset in quartz stringers. C.A. 65° at 35'.	PA 187	82	89	7	.42	.30
87-173	Biotite gneiss with interbedded biotite chloritic schist, hornblende gneiss and metasediment minor chalcopyrite, pyrrhotite and pyrite blebs and bands along shearing. 87-95 2% chalcopyrite 1' at 103', 6" at 122', 6" at 157', 1/2" at 163' and 1/2" at 164' with narrow bands throughout. 65° at 100'.						
173-271	Biotite gneiss interbedded with biotite sericite schist and hornblende gneiss and metasediment. Numerous quartz stringers with minor pyrite and chalcopyrite along shears and associated with quartz stringer. Garnets 246-257', 265-270'. Minor contortions at 201', 233', 254'. Quartz stringers parallel or near to core. 200-220, C.A. 60° at 200'.						
271-310	Amphibolite and biotite gneiss with interbedded biotite sericite schist. Garnets 271-275'. Minor pyrite and chalcopyrite. Minor 4" band of pyrrhotite at 305'. Biotite chlorite schist 300-310'. C.A. 55° at 300'.						
310-417	Biotite gneiss, biotite quartz gneiss, amphibolite with minor biotite chlorite - sericite schist bands pyrite and pyrrhotite along shearing with associated chalcopyrite. 385-395 (1.5-2% chalcopyrite) in shears and blebs.	PA 188	385	395	10	.76	.22
417-460	Minor blebs of chalcopyrite and pyrite. 395-417 0.5% chalcopyrite. Amphibolite coarse grained with glassy quartz stringers and minor blebs of pyrrhotite, chalcopyrite in quartz and gneiss.						
460-508	Biotite gneiss interbedded with amphibolite, biotite sericite schist, biotite chlorite schist. Numerous quartz filled fractures and stringers. Actinolite-quartz gneiss 463-466 with blebs of pyrrhotite 6" at 477'.						
508-565	Biotite schist interbedded with biotite hornblende gneiss, biotite sericite schist. Numerous quartz stringers chalcopyrite, pyrite in blebs and along shears. 510-531 1-1.5% chalcopyrite. Narrow bands of quartz porphyry	PA 189	510	520	10	.36	.08
565-595	breccia zone, felsic breccia with altered quartz porphyry 572-575. Trace of chalcopyrite. Lost core 477-478', 6" at 481, 8" at 483'.	PA 190	520	531	11	.46	.14
595-615	Highly sheared and fractured amphibolite and biotite gneiss. Numerous quartz stringers. Slightly chalcopyrite along shears, at 504-505'.						
615-649	Biotite gneiss with interbedded biotite hornblende gneiss highly sheared and and fractured quartz-calcite stringers with biotite sericite schist at bottom. C.A. 30° at 625'.						

RED LAKE MINING DIV. RECEIVED AUG 16 1971 AM

CLAIM NO._____

DIAMOND DRILL RECORD

PROPERTY Project No. 79 HOLE NO. 79-16

LATITUDE _____ ELEVATION _____ BEARING _____ DEPTH _____ STARTED _____ COMPLETED _____

DEPARTURE _____ SECTION _____ DIP _____ DRILLED BY _____ LOGGED BY Wayne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
649-697	Biotite schist and gneiss with biotite sericite schist. Garnets 650-655. Minor amphibolite bands throughout.						
697-735	Biotite hornblende tremolite gneiss interbedded with biotite schist and biotite sericite schist. Slight garnets and quarts stringers. C.A. 45° at 700', 35° at 725'. Minor pyrite and chalcopyrite 720-725, 6" at 728' pyrite and trace of chalcopyrite.						
735-780	Biotite gneiss interbedded with biotite hornblende gneiss, biotite chloritic gneiss chalcopyrite in narrow 1" shears at 740', 767', 768', 770', 771', 774' 777', 778'.	PA 199	768	778	10	.33	.06
780-822	Biotite chlorite sericite schist interbedded with biotite schist. Very minor chalcopyrite along shears.						
822-850	Biotite gneiss interbedded with biotite quartz gneiss, amphibolite. Numerous quartz stringers and quartz-calcite filled fractures. 3" chalcopyrite in shear at 818'.						
850-857	Quartz biotite gneiss, highly sheared and fractured.						
857-865	Breccia Zone. Highly fractured quartz-calcite filled fracture. Minor blebs of pyrrhotite and pyrite.						
865-871	Iron Formation in quartzite. Pyrite in blebs throughout.	PA 200	870	880	10	.26	.04
871-374	Breccia Zone. Fractured and sheared quartz calcite stringers. Blebs of chalcopyrite 1%.						
374-887	Iron Formation, pyrrhotite and minor chalcopyrite (74-77 2%) in quartzite. Highly sheared and fractured.						
887-925	Amphibolite brecciated gneiss and biotite gneiss with greenstone band 891-893, pyrite along shears 901-903, 906-908, 900-901. Quartz filled fracture. Very minor chalcopyrite 895-900 1-1.5%.	PA 201	895	900	5	.08	.04
925-963	Garnetiferrous hornblende gneiss, biotite gneiss, actinolite-chlorite gneiss and altered greenstone. C.A. 25° at 950'.						
963-966	Breccia Zone. Quartz calcite inclusion and filling fractures.						
966-1001	Greenstone, altered, biotite gneiss, and amphibolite gneiss quartz stringers with associated calcite throughout. Slight pyrite and very minor chalcopyrite 966-970'.						
1001-1025	Greenstone altered with amphibolite and biotite hornblende gneissic bands with quartz stringers. Chloritic bands throughout. C.A. 40° at 1000'.						
1025	End of Hole						
	Core Recovery 99%						

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CLAIM NO. 53048

DIAMOND DRILL RECORD

PROPERTY Project No. 79

HOLE NO. 79-17

LATITUDE 14+00W ELEVATION BEARING Grid South DEPTH 1005' STARTED August 15th, 1969 COMPLETED August 24th, 1969

DEPARTURE 4+00N SECTION DIP -65° DRILLED BY Fathom Drilling Ltd. LOGGED BY [illegible]tter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag		
	Dip Tests -- 61° at 200', 51° at 400', 48° at 600', 45° at 800', 42° at 1000'								
0-74	Casing								
74-95	Biotite gneiss, hornblende gneiss, and biotite chlorite schist. Slight quartz stringers. Large garnets throughout. Minor pyrite along shears.								
95-195	Biotite chlorite schist, biotite hornblende gneiss and biotite gneiss. Pyrite and associated chalcopyrite 183-189 (1.5-2% chalcopyrite). Garnets 190-195'. C.A. 65° at 100', 60° at 175'.	PA 191	183	189	6	1.48	1.70		
195-199	Breccia Zone. Quartz-calcite filled fractures and shears.								
199-211	Hornblende gneiss interbedded with biotite gneiss, highly sheared and fractured.								
211-286	Biotite gneiss with interbedded biotite quartz gneiss, amphibolite and biotite sericite schist.								
286-300	Biotite gneiss and amphibolite gneiss, sheared pyrrhotite, pyrite 1' at 298' 10%.								
300-366	Biotite sericite schist interbedded with biotite gneiss and minor amphibolite Minor pyrite throughout. Garnets scattered throughout. C.A. 60° at 300'.								
366-380	Hornblende gneiss interbedded with biotite gneiss. Highly fractured. Brecciated Zone 371-372'. C.A. 65° at 375'. Minor blebs of pyrrhotite and pyrite.								
380-404	Biotite gneiss with biotite chlorite schist from 383-404' with very slight traces of chalcopyrite.								
404-448	Biotite sericite schist interbedded with biotite hornblende gneiss and biotite quartz gneiss. Slight blebs and narrow bands of pyrite and associated chalcopyrite at 406', 417', 421', 442'.								
448-525	Biotite sericite schist, biotite gneiss, biotite chlorite gneiss and minor biotite hornblende gneiss, chalcopyrite and pyrite along shears and in	PA 192	452	464	12 6	.62 .10	.18 .05	Est	
	blebs. 452-463 1%, 472-480 1%. 6" at 507', 511-512' 2% in actinolite quartz schist. Garnets 495-505. Greenstone band 506-508'. Breccia Zone 508-511'.	PA 193	470	480	10 20	.33 .10	.20 .05	Est	
	Amphibolite gneiss 519-523'. Minor chalcopyrite 497-500'. Minor chalcopyrite 523-525'.	PA 194 PA 195	500 510	510 520	10 10	.36 .36	.18 .20		
525-575	Biotite gneiss interbedded with medium grained - coarse grained amphibolite and biotite hornblende gneiss. Minor pyrite and chalcopyrite in shears	PA 196	534	544	14 10	.10 .34	.05 16	Est	
	throughout. Coarse grained amphibolite 544-567', chalcopyrite minor 527'. 534-549 1% chalcopyrite. Garnets 568-570'.	PA 197	544	549	5	.30	.12		

RED LAKE MINING DIV. RECEIVED AUG 16 1971 AM PM

CLAIM NO.____ # DIAMOND DRILL RECORD PROPERTY Project No. 79 HOLE NO. 79-17

LATITUDE____ ELEVATION____ BEARING____ DEPTH____ STARTED____ COMPLETED____

DEPARTURE____ SECTION____ DIP____ DRILLED BY____ LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag		
					39	.10	.05	East	
575-675	Biotite gneiss with biotite chloritic schist, amphibolite and biotite seri-	PA 203	588	600	12	.78	.24		
	cite schist. Numerous quartz stringers chalcopyrite 590-596 2%, Garnets	PA 204	600	610	10	.13	.10		
	605-620', chalcopyrite 615-616'. 2% chalcopyrite. 620-630' 1%. Garnets	PA 205	610	620	10	.12	Trace		
	633-648'. Pyrite and minor chalcopyrite 636-647', minor bands chalcopyrite	PA 206	620	630	10	.16	Nil		
	651', 653', 669'.	PA 207	630	640	10	.18	.12		
675-691	Biotite chlorite schist with interbedded biotite quartz gneiss.	PA 208	640	650	10	.09	.12		
691-715	Micaceous-chloritic-sericite schist with numerous quartz stringers. Highly	PA 209	650	655	5	.10	.16		
	sheared. Pyrite and minor chalcopyrite along shears 1% chalcopyrite, 5%				36	.10	.05		
	pyrrhotite.	PA 210	691	700	9	.24	.15		
715-727	Biotite hornblende gneiss with hornblende gneiss. Pyrrhotite and minor chal-	PA 211	700	710	10	.24	.12		
	copyrite. 724-726' pyrrhotite 10%, chalcopyrite 1%.	PA 212	710	715	5	.22	Trace		
727-759	Amphibolite and biotite gneiss with quartzite and biotite sericite schist	PA 213	715	725	10	.07	.12		
	quartzite with pyrrhotite and chalcopyrite 736-742'. Pyrrhotite 5%, chal-	PA 214	725	735	10	.10	.10		
	copyrite 1%. Slight trace of chalcopyrite throughout rest of zone.	PA 215	735	745	10	.12	.06		
759-792	Quartzite with highly sheared biotite sericite schist. Iron Formation chal-	PA 216	745	755	10	.16	.08		
	copyrite, pyrrhotite with quartz gneiss 767-770. Garnets 770-775, 791-792'.	PA 217	755	765	10	.48	.32		
	Chalcopyrite 10% 759-764'. Pyrrhotite 15%, 764-767 chalcopyrite less than	PA 218	765	775	10	.17	.14		
	1%. 770-780 chalcopyrite 1%, pyrrhotite 5%, 770-780 chalcopyrite 1%, pyrrho-	PA 219	775	785	10	.14	Trace		
	tite 8%. 780-792 chalcopyrite 1.5%, pyrrhotite 5%.	PA 220	785	792	7	.24	.16		
792-819	Biotite gneiss interbedded with amphibolite and garnetiferrous biotite				27	.10	.05		
	gneiss. Very minor chalcopyrite along shears.								
819-880	Quartzite interbedded with biotite chlorite hornblende gneiss, Iron Forma-	PA 221	819	830	11	.60	.24	0.4	
	tion, and biotite quartz gneiss. Garnetiferrous throughout. Chalcopyrite	PA 222	830	840	10	.51	.16		
	and pyrrhotite in blebs and along shears throughout. 819-829 (.5-1% chal-	PA 223	840	850	10	.25	.08	0.11	61'
	copyrite), 829-839 4-5% chalcopyrite, 839-850 1-1.5% chalcopyrite, 850-860	PA 224	850	860	10	.27	.12		
	1% chalcopyrite. 860-870 1-1.5% chalcopyrite, 870-880 .5-1% chalcopyrite	PA 225	860	870	10	.44	.04		
880-912	Amphibolite with interbedded biotite gneiss, Iron Formation with numerous	PA 226	870	880	10	.36	Trace		
	quartz stringers. Diorite dike 890-892. Very minor chalcopyrite pyrrhotite					.10	.05		
	associated with Iron Formation. 880-905 5% pyrrhotite. Quartz diopside								
	893-898. Biotite and hornblende gneiss 905-912.	PA 227	910	920	10	.03	Trace		
912-944	Quartzite interbedded with biotite gneiss and narrow bands of amphibolite	PA 228	920	930	10	.18	.08		
	Iron Formation pyrrhotite and minor chalcopyrite.	PA 229	930	940	10	.24	Trace		
	912-920 pyrrhotite 5%, 920-930 chalcopyrite 1%, pyrrhotite 5%, 930-940	PA 230	940	950	10	Trace	Nil		
	pyrrhotite 10%, chalcopyrite 2%, 940-944 trace of chalcopyrite	PA 231	950	960	10	.16	Nil		
944-975	Biotite gneiss interbedded with biotite hornblende gneiss, quartzite and								
	biotite chlorite bands. Very minor chalcopyrite and pyrrhotite throughout.								
	950-960 pyrrhotite 15%, chalcopyrite 1%, 2" of minor chalcopyrite in shears								
	at 968'. Garnets 950-955, 965-975'.								

CLAIM NO. _____ **DIAMOND DRILL RECORD** PROPERTY Project No. 79 HOLE NO. 79-17

LATITUDE _____ ELEVATION _____ BEARING _____ DEPTH _____ STARTED _____ COMPLETED _____

DEPARTURE _____ SECTION _____ DIP _____ DRILLED BY _____ LOGGED BY Wynne Potter

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
975-1005	Biotite gneiss, garnetiferrous biotite hornblende gneiss, biotite quartz gneiss. Very minor chalcopyrite at 795-797'. C.A. 50° at 990'.					
1005	End of Hole					
	Core Recovery 99.5%					

RED LAKE MINING DIV. RECEIVED AUG 16 1971 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

DIAMOND DRILL RECORD

CLAIM NO. 53049 PROPERTY Project No. 79 ✓ HOLE NO. 79-18

LATITUDE 10 + 00 W ELEVATION BEARING South (Grid) DEPTH 1268' STARTED September 9/69 COMPLETED September 19/69

DEPARTURE 6 + 60 N SECTION DIP - 65° DRILLED BY Fathom Drilling LOGGED BY A. Philipp

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	Ag
0 - 2.5'	Casing in bedrock						
	Tests: 200' = 58°, 400' = 48°, 600' = 40°, 800' = 33°, 1000' = 33°, 1200' = 29°.						
2.5 - 36	Fractured, grey quartz-feldspatic biotite gneiss.						
36 - 46	Coarse grained chloritic biotite schist.						
46 - 115	Medium grained, grey quartz-biotite gneiss. Locally sheared and schistose bands. Carbonate-rich, coarse grained fragmental zone. 7" wide at 187'. Discontinuous minor disseminations of chalcopyrite, pyrrhotite or pyrite at 52.5', 81', 88', 93', 102' and at 111'. Barren siliceous zone from 98-99.2'.						
115 - 132	Predominately chloritic, banded biotite-quartz schist. Occasional coarse garnet. Schistosity at 25-30° to Core Axis. Minor blebs of pyrite and chalcopyrite at 117'. Siliceous vuggy stringers in chlorite mica schist containing pyrite and little chalcopyrite at 119.8, and again at 131', where massive chalcopyrite and pyrrhotite cover 1/2" stringer. Sharp conformable contact with gneiss at 132'.						
132 - 137.5	Band of grey quartz-biotite gneiss.						
137.5 - 180	Coarse grain amphibole-quartz gneiss, becoming more altered chlorite-biotite schist below 150'. Short interbedded grey quartz-biotite gneiss between 161' to 164'. Sparse grains of chalcopyrite and pyrite along schist planes near end of intersection.						
180 - 203	Medium to fine grain grey quartz-biotite gneiss and schist. Discontinuous dissemination of chalcopyrite and pyrite near 188'. Chlorite-biotite rich schist band over 7" at 191'.						
203 - 207	Greenish grey amphibole-quartz gneiss. Locally schistose.						
227 - 237	Grey quartz-biotite gneiss. Intermittent narrow bands of chlorite-biotite schist and some quartz.						
237 - 296	Predominately chloritic amphibole-biotite schist, interlayered with grey quartz-biotite gneiss and schist. Occasional large garnet between 264-270'. Semi massive pyrrhotite with little chalcopyrite over 6" at 271'.						
296 - 324	Grey quartz-biotite gneiss, grading to schist where rich in biotite, occasional garnet. Odd narrow band of green chlorite-biotite schist, specks of pyrite in schist.						
324 - 385	Sheared biotite-quartz schist. Frequent replacement by quartz as stringers and large blebs. Occasional chloritic band. Very occasional small bleb of pyrite with minor chalcopyrite. 364-366' tremolite and actinolite.						

Spec. @ 18.5'

RED LAKE MINING DIV.
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CLAIM NO. 53049

DIAMOND DRILL RECORD

PROPERTY Project No. 79

HOLE NO. 79-18

LATITUDE 10 + 00 W ELEVATION BEARING South (Grid) DEPTH 1268' STARTED September 9/69 COMPLETED September 19/69

DEPARTURE 6 + 60 N SECTION DIP - 65° DRILLED BY Fathom Drilling LOGGED BY A. Philipp

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
385 -412	Sheared chloritic amphibole-biotite schist. Less quartz.						
412- 485.5	Sheared biotite-quartz schist, gneissic where richer in quartz. Schistosity at 45° to Core Axis. Tremolite and actinolite occurring over narrow zones to 442'. Dark blue quartz lens, 6" wide, containing blebs of pyrrhotite and chalcopyrite along fractures, is seen imbedded in tremolite and biotite schist at 421'. Poorly disseminated pyrrhotite and chalcopyrite from 430-435', again from 440-442'. Fine grained garnets from 447-485'.	PA 234	430	435	5'	.10	.06
	Odd short amphibole band from 462-475'. Discontinued poorly disseminated chalcopyrite and pyrrhotite in sheared biotite quartz schist from 452.5' - 457.5'. Specks of chalcopyrite and pyrrhotite from 481 - 483'.	PA 235	452.5	457.5	5'	.18	.12
485.5-511	Predominately dark green amphibole gneiss with biotite schist bands. Some tremolite near 493'. Massive 1/2" wide stringer of pyrrhotite, pyrite and chalcopyrite at 501.5'. Elsewhere odd seam of chalcopyrite and pyrrhotite in schist.						
511 -520	Biotite-quartz gneiss at 50° to core axis.						
520 -585	Chloritic amphibolte-biotite schist, less quartz than above. Locally sheared, folding of interbedded biotite-schist bands, 557-565 tremolite schist, poorly disseminated pyrrhotite and chalcopyrite from 521.5'-522', again but somewhat better chalcopyrite and pyrrhotite from 551.5' - 552'.						
585- 656	Same as above but more biotite and quartz, less amphibolite and chlorite, intermittent sections showing more or less, coarse or fine grained garnets from 604-650'. Tremolite and actinolite from 625-631'. Tremolite with biotite-quartz schist from 650-653'. Chloritic bands from 653-656'	PA 236	615	623	8'	.16	Tr
	containing 7" semi massive pyrrhotite, less chalcopyrite. Some dissemination and seams of chalcopyrite and pyrrhotite from 615-623'.						
656 -676	Quartz-biotite schist and gneiss. Gneissosity at 45° and 50° to Core Axis.						
676 -681	Chloritic amphibole-biotite schist, garnets throughout.						
681 -697.5	Quartz-biotite gneiss and schist. Sericite mica from 689-692' (garnetiferous)						
697.5-702	Highly fractured and sheared quartz-diorite. Fractures contain quartz carbonate.						
702 -735	Garnetiferous and chloritic amphibole-biotite schist. Narrow bands of fine grain diopside and quartz. Lower 10' getting fractured and blocky.						
735 -751	Darker green, fine grain meta-andesite. Well fractured and blocky. Stringers of quartz and carbonate. Odd seam of pyrrhotite and chalcopyrite near 736'.						

RED LAKE MINING DIV. RECEIVED AUG 16 1971 AM

DIAMOND DRILL RECORD

CLAIM NO. 53049 PROPERTY Project No. 79 HOLE NO. 79-18

LATITUDE 10 + 00 W ELEVATION BEARING South (Grid) DEPTH 1268' STARTED September 9/69 COMPLETED September 19/69

DEPARTURE 6 + 60 N SECTION DIP - 65° DRILLED BY Fathom Drilling LOGGED BY A. Philipp

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag
751 -799	Coarser grained, chloritic amphibole schist (meta-volcanic). Locally biotite or fine grained diopside schist. Blebs and stringers of quartz and carbonate. All well fractured and sheared. Fair pyrrhotite - less chalcopyrite mineralization, fairly continuous from 753-783'. Better chalcopyrite from 764.5-767.5' approximately 2-3%. Specks of chalcopyrite from 793.5-795'. Schistosity at 50° to Core Axis.	PA 237	753	758	5'	.30	.12
		PA 238	758	763	5'	.56	.03
		PA 239	763	768	5'	.12	.22
		PA 240	768	775	7'	.06	.12
		PA 241	775	783	8'	.26	.12
799-820'	Sheared biotite-quartz schist and gneiss. Occasional large garnet, especially in occasional narrow chloritic band. Some contortion in schist zones. Some tremolite. Sporadic and poor disseminations of chalcopyrite and pyrite, not continuous over sample width.					.26	
820-844.5'	Highly fractured, in part tuffaceous fault zone. (Gneissosity here at 50° to Core Axis. Fracture parallel to core axis displacing thin beds 1/8". (Bottom moved south) Seams or stringers of quartz or calcite. Very blocky ground.						
844.5-915	Grey quartz-biotite gneiss and schist. More siliceous and gneissic to 862.5', in part porphyritic (meta-sediment) 862.5-880' intermittent chloritic amphibolitic bands with poorly disseminated chalcopyrite and pyrrhotite. 880-899' strongly garnetiferous grey biotite-quartz, amphibole-gneiss, at 55° to Core Axis. Odd seam and weak disseminations of chalcopyrite from 904-907'.						
915-938	Predominately fine grain gneissic meta-volcanic, stringers of quartz	PA 243	915	920	5'	.11	Tr
	Fine grain flakes and disseminations of chalcopyrite and pyrrhotite throughout. Bottom 5' coarse grained biotite quartz schist.	PA 244	920	925	5'	.14	.04
		PA 245	925	932	7'	.13	.76
938-973	Grey quartz-biotite gneiss and schist. Numerous siliceous stringers. Minor chloritic amphibole material interlayered. Isolated seams of chalcopyrite and pyrrhotite at 968'.					.18	
973-997	Coarse grained garnets in amphibole-biotite-quartz schist and quartz biotite gneiss intermittent interbedded. Isolated seams of chalcopyrite and pyrrhotite at 982-984.5', 990-992'. Fair pyrrhotite, minor chalcopyrite over 1 foot at 997'.						
997-1029	Biotite-quartz schist and gneiss, at 60 & 65° to Core Axis. Many coarse garnets. Some bands with amphiboles. 1010-1029', weakly disseminated chalcopyrite throughout but fair mineralization of chalcopyrite, some pyrrhotite from 1012-1014' in quartz-rich section.						

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CLAIM NO. 53049

DIAMOND DRILL RECORD

PROPERTY Project No. 79

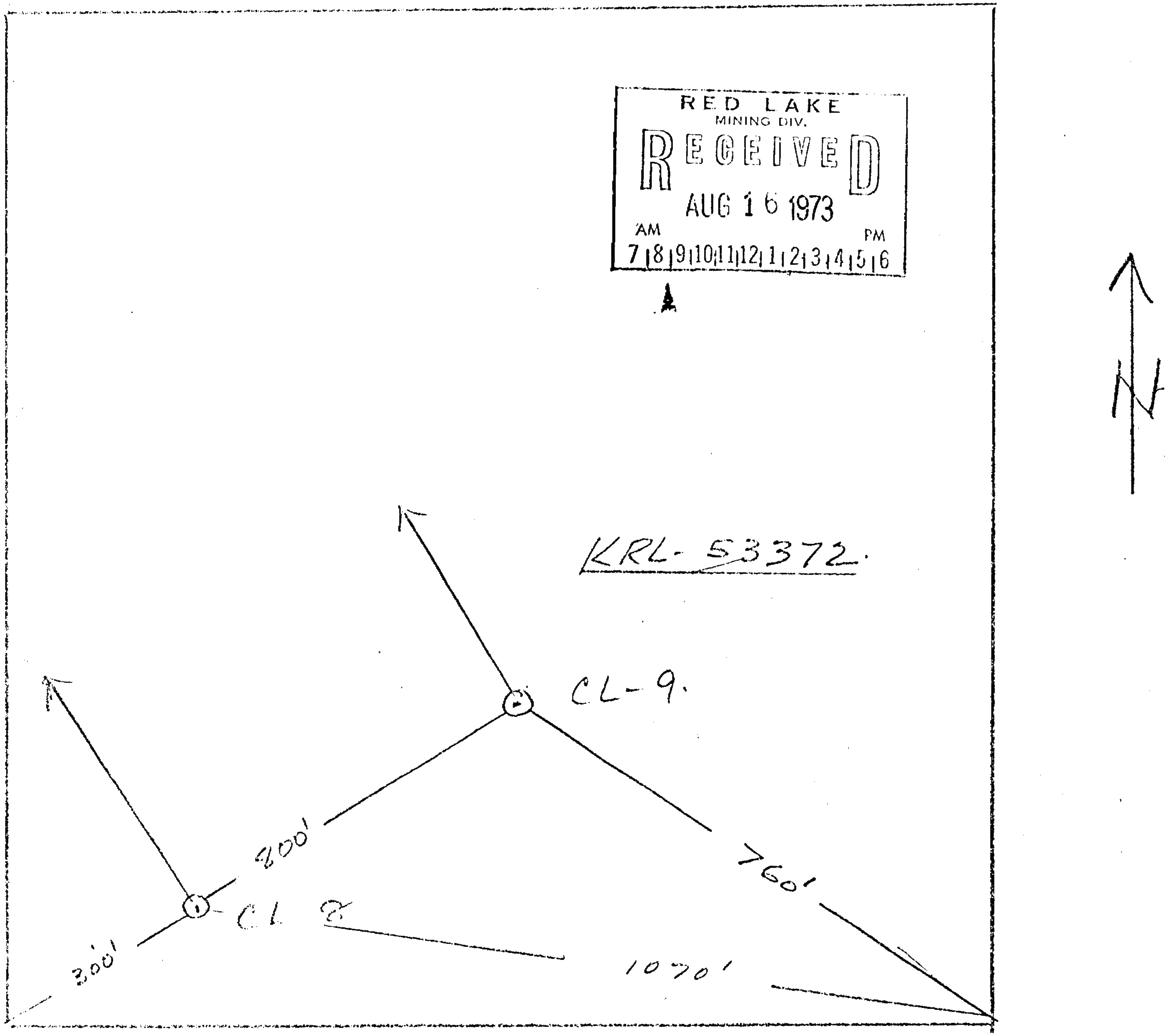
HOLE NO. 79-18

LATITUDE 10 + 00 W ELEVATION BEARING South (Grid) DEPTH 1268' STARTED September 9/69 COMPLETED September 19/69

DEPARTURE 6 + 60 N SECTION DIP - 65° DRILLED BY Fathom Drilling LOGGED BY A. Philipp

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Cu	ASSAYS Ag	
1029-1056	I.F. numerous bands and stringers of magnetite in impure quartzite,	PA 246	1010	1015	5'	.70	.80	.5
	chloritic bands and tremolite. Moderate folding of magnetite bands, dip	PA 247	1015	1020	5'	.24	.10	
	of bands at 45° and 50° to Core Axis. Semi massive chalcopyrite over 4"	PA 248	1020	1030	10'	.14	.04	.2
	in coarse grain amphibole, chlorite-magnetite matrix between 1031.5' -	PA 249	1030	1035	5'	.56	.08	
	1031.8'. Elsewhere, odd seam of chalcopyrite and pyrrhotite, or finely	PA 250	1035	1040	5'	.17	Tr	
	disseminated with magnetite from 1029-1045'.	PA 251	1040	1045	5'	.13	Tr	
1056-1075	Quartz-biotite gneiss at 60° to Core Axis. Occasional band of chloritic							
	amphibole, poorly disseminated chalcopyrite from 1068-1075'.	PA 252	1068	1075	7'	.18	.04	
1075-1082.5	Coarse grain sheared amphibole-quartz-biotite bed, poor, but evenly	PA 253	1075	1082.5	7.5'	.13	Tr	
	desseminations of fine grain chalcopyrite throughout.							
1082.5-1168	Predominately quartz-biotite gneiss, schistose where more biotite. Minor							
	amphibole bands. 1148-1160 medium to fine grain amphibole-quartz gneiss.							
	Occasional band of biotite with coarse garnets. Dip of gneissosity at							
	1167 at 65° to Core Axis. Poorly disseminated chalcopyrite from 1148-	PA 254	1148	1153	5'	.19	.04	
	1162.5'.	PA 255	1153	1158	5'	.33	.06	
1168-1241	I.F. Intermittent bands and stringers of magnetite in chloritic or in	PA 256	1158	1162.5	4.5'	.11	.04	
	siliceous matrix. Tremolite. Numerous stringers of quartz-carbonate.							
	Coarse grain diopside usually with impure quartzite. Average dip of					.3	.03	
	magnetite stringer at 60° to core axis. 1197-1207' predominately fine grain					2'		
	quartz biotite gneiss. 1228.5-1230.5' massive pyrrhotite, some pyrite and							
	minor chalcopyrite in magnetic rich matrix. Coarse angular aggregate of							
	pyrrhotite and chalcopyrite near 1233'.							
1241-1255.7'	Banded quartz-biotite-amphibole gneiss, containing lamprophyre dike from							
	1250.2'-1252.7'. Some buff coloured carbonate stringers in siliceous zones.							
	Schistose where rich in biotite - at 65° to Core Axis.					Appeared @		1013
1255.7-1268'	Gradational contact at 1256' through narrow zone of coarse grained amphibole							1032
	into fine to medium grain andesite. Numerous quartz-carbonate stringers.							1032
								1055
1268'	END OF HOLE							
	CORE RECOVERY APPROXIMATELY 99%							

RED LAKE MINING DIV.
RECEIVED
AUG 16 1971
AM PM
7 8 9 10 11 12 1 2 3 4 5 6



RED LAKE
MINING DIV.
RECEIVED
AUG 16 1973
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

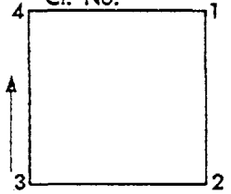
1" = 200'

Fredart Lake
Report #154-73.
Copper-Lode Mines Ltd

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

Cl. No.



HOLE NO. CL8 PROPERTY COPPER LODE - "A" Zone West

SHEET NO 1 BEARING Grid North ELEVATION

LOCATION West Baseline 52+00W 2+00S DIP COLLAR -45° TOTAL DEPTH 414'

CORE SIZE AX

STARTED 3/4/73 COMPLETED 5.4.73

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
0	29.0	CASING :										
29.0	47.0	BANDED CHLORITE SCHIST : Pale green, fine to medium grained, soft, well banded rock with numerous quartz and carbonate veinlets at 60° to the core. Some sections are contorted. Composition is predominantly acicular to platy chlorite with white bands containing paler chlorite, carbonate possibly altered feldspars and quartz. 33' : a 3" band of micro-amphibolite.										
47.0	49.0	MICRO-AMPHIBOLITE : Massive, black to dark green, medium grained rock somewhat harder than above, composed predominantly of amphibole and chlorite.										
49.0	52.0	CHLORITE SCHIST : Rock as above 47'.										
52.0	54.0	MICRO-AMPHIBOLITE : Rock as above 49' with specks of sulphides up to 3% (predominantly pyrrhotite).										
54.0	63.0	BANDED MICRO-AMPHIBOLITE : Rock as before 54', but numerous thin bands of quartz, carbonate amphibole and pale chlorite. At 61' a 2" quartz vein, At 62' a 2" quartz vein.										

RED LAKE MINING DIV.
RECEIVED
AUG 16 1973
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

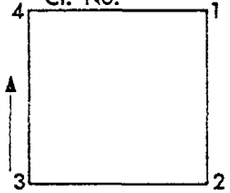
DRILLED BY KENORA DIAMOND DRILLING

SIGNED V. WIERZBICKI

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

Cl. No.



HOLE NO. CL8 PROPERTY

SHEET NO 2

LOCATION

BEARING

DIP COLLAR

ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
		Banding much finer and more regular than before 47'.										
63.0	72.0	CHLORITE SCHIST : Rock as described previously.										
72.0	75.0	MICRO-AMPHIBOLITE : A rock as described previously - no banding.										
75.0	85.0	CHLORITE SCHIST : Rock as described previously.										
85.0	86.0	MICRO-AMPHIBOLITE : Rock as above 75'.										
86.0	88.0	CHLORITE SCHIST : Rock as described previously.										
88.0	89.0	MICRO-AMPHIBOLITE : Rock as described previously - some inter-stitial quartz.										
89.0	91.0	CHLORITE SCHIST : Rock as described previously.										
91.0	111.0	QUARTZ BIOTITE SCHIST : Brown, mottled with white, hard well banded, fine to medium grained rock composed of biotite and quartz in bands of different biotite content. Occasional green chloritic band.										

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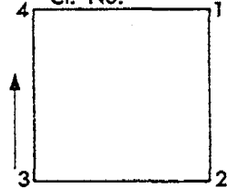
DIAMOND DRILL RECORD

Cl. No.



HOLE NO. CL2 PROPERTY

SHEET NO 3

LOCATION

BEARING

DIP COLLAR

ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
		Some sulphides on contact. Predominantly pyrrhotite with minute specks of chalcopyrite.										
111.0	122.5	PREDOMINANTLY CHLORITE SCHIST : Green, fine grained as before, but much less carbonate, quartz and pale chlorite. Banding much finer.										
122.5	135.5	PREDOMINANTLY QUARTZ BIOTITE SCHIST : Rock as described previously, but with green, chloritic bands with some pink garnets.										
135.5	137.0	SULPHIDE IN QUARTZ CHLORITE SCHIST : Pale grey to greenish, fine grained, well banded rock composed of bands of quartz at 45° to the core axis with two 2" bands of predominantly pyrite besides scattered specks of pyrite and pyrrhotite. Some garnets.										
137.0	144.5	CHLORITE SCHIST : As before 135.5.										
144.5	147.0	SULPHIDES IN QUARTZ SCHIST : Pale grey, hard, fine grained, well banded rock at 45°, composed of quartz grains in fine bands with some specks of sulphides along banding (pyrite and pyrrhotite).										
147.0	147.5	MASSIVE SULPHIDES : Predominantly pyrite in the form of coagulated										

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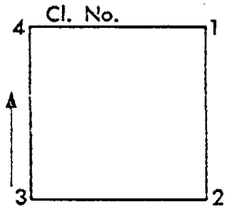
SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

Cl. No.



HOLE NO. CL8 PROPERTY

SHEET NO 4 BEARING ELEVATION

LOCATION DIP COLLAR TOTAL DEPTH

STARTED COMPLETED CORE SIZE

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
		globules, and some pyrrhotite along banding. Sulphides cutting the banding of host rock.										
147.5	151.0	SULPHIDES IN QUARTZ SCHIST : As before 147' but sulphides more abundant - predominantly interstitial pyrrhotite. Some green chloritic bands with pink garnets - banding 40° to the core axis.										
151.0	174.0	INTERBANDED QUARTZ BIOTITE SCHIST & CHLORITE SCHIST : Brownish, well banded rock in sections 1/2" to 1' wide and green chloritic rock often with epidote. Occasional garnet and occasional quartz vein.										
174.0	175.5	SULPHIDES IN QUARTZ CHLORITE SCHIST : Pale greenish gray, hard, massive to indistinctly banded rock composed of bands of quartz and feldspars with blebs of sulphides along banding. Some greenish bands with chlorite and epidote. Bottom half looks fragmental.										
175.5	176.0	MASSIVE SULPHIDES : Predominantly pyrrhotite with some crystals of pyrite in bands.										
176.0	184.5	SULPHIDES IN FRAGMENTED QUARTZ CHLORITE SCHIST: As before 175.5' - sulphides predominantly										

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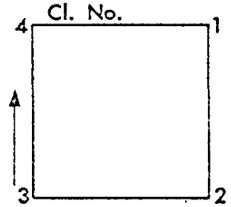
SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

Cl. No.



HOLE NO. CL8 PROPERTY

SHEET NO 5

LOCATION

BEARING

DIP COLLAR

ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
		pyrite interstitial to fragments, also along banding.										
184.5	185.0	MASSIVE SULPHIDES : Banded pyrrhotite with occasional pyrite grain and chalcopyrite speck.										
185.0	194.0	PREDOMINANTLY CHLORITE SCHIST : Interbanded chlorite schist and quartz biotite schist - in parts rock fragmental.										
194.0	222.0	QUARTZ-BIOTITE-CHLORITE-SCHIST : Fine bands (1/16th") of brownish biotite rich rock and greenish chlorite epidote rock. Occasional streak of pyrite. 218 : a 6" band of micro-amphibolite.										
222.0	223.5	AMPHIBOLITE : Top fine grained as micra-amphibolite, but becomes coarser towards bottom.										
223.5	225.0	CHLORITE SCHIST : Rock as described previously.										
225.0	226.5	MICRO-AMPHIBOLITE : Rock as described previously.										
226.5	250.0	INTERBANDED CHLORITE SCHIST AND MICRO-AMPHIBOLITE : Occasional coarse, pale chlorite rock band. Occasional quartz vein. Some specks of sulphide along banding.										

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DIAMOND DRILL RECORD

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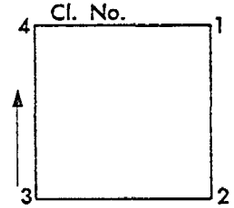

HOLE NO. CL8 PROPERTY

SHEET NO 6

LOCATION

BEARING

DIP COLLAR

ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
250.0	256.0	PREDOMINANTLY QUARTZ SCHIST : Very well banded, very fine grained, grey shaly rock with white siliceous bands. Some pyrite blebs along banding. Concentration of sulphides and quartz at bottom.										
256.0	414.0	INTERBANDED CHLORITE SCHIST, BIOTITE SCHISTS and MICROAMPHIBOLITE To the end of the hole this three rock types are interbanded, chlorite schist contains some soft coarse translucent sections, other rock contains some sections with pink garnets and some specks of sulphides. Occasional section with contorted banding, occasional quartz vein. 256-265.5 : predominantly chlorite schist. 265.5-290 : predominantly quartz biotite schist. 290-298 : predominantly chlorite schist. 2 inch quartz vein at bottom. 313-315 : lost core. 298-408 : finely interbanded mixture of green chloritic and brown biotitic rocks from one eighth inch to two to three inches. Quartz veins more frequent. 408-412 : core missing. 412-414 : contorted quartz biotite schist. Grey, medium grained, well banded but contorted, fairly hard rock; banding in order of 1 - 2 mm generally, serrated edges due to										

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SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

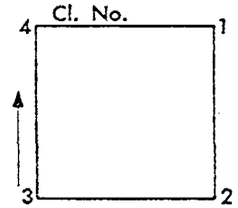
HOLE No. CL8 PROPERTY

SHEET No 7

LOCATION

BEARING

DIP COLLAR



ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
		intermixture of biotite and quartz grains. Some greenish epidote and chlorite.										
	414	END of HOLE.										

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SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

Cl. No. 4 1 3 2

HOLE NO. CL9 PROPERTY COPPER LODE "A" Zone West ELEVATION

SHEET NO 1 BEARING Grid North TOTAL DEPTH 362'

LOCATION West Baseline 48+00W 2+50S DIP COLLAR -45°, 200'-48° 350'-45° CORE SIZE AX

STARTED 9/4/73 COMPLETED 12/4/73

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	23	CASING										
23	73	CHLORITE-BIOTITE-EPIDOTE SCHIST : Inter-fingered green chloritic and brown biotitic bands. Chloritic rock predominates. Sections of coarse gabbroic, massive rock gradually passing into well banded, fine grained. Occasional band with large pink garnets. 58-60 : several quarter inch veins of pyrite, associated with quartz.										
73	89	CHLORITE SCHIST : Very soft, pale green, medium grained rock composed of translucent very pale green chlorite.										
89	98	BIOTITE-CHLORITE-QUARTZ SCHIST : Rock as before 73' but quartz grains coming in.										
98	103	QUARTZ-BIOTITE SCHIST : Medium to fine grained, brownish grey, well banded, fairly hard rock composed predominantly of quartz with some 20% biotite. Occasional quartz veins.										
103	105	CHLORITE SCHIST : Green, soft as before 89' but not as well banded.										
105	115	QUARTZ-BIOTITE SCHIST : As before 103' but somewhat harder.										

RED LAKE MINING DIV.
RECEIVED
AUG 15 1973
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

DRILLED BY KENORA DIAMOND DRILLING

SIGNED V. Wierzbicki

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

Cl. No.

4 1 2 3

HOLE NO. CL9 PROPERTY

SHEET NO 2

LOCATION

BEARING

DIP COLLAR

ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
		107-109 : streaks of sulphides including very minor sphalerite, also some quartz and epidote veinlets.										
115	117	CHLORIST SCHIST : Green-soft as before.										
117	121	PREDOMINANTLY QUARTZ-BIOTITE SCHIST : As before.										
121	122	SULPHIDES IN QUARTZ BIOTITE SCHIST : Some 20% sulphides predominantly pyrrhotite in siliceous banded rock, possibly quartz biotite schist.										
122	129	AMPHIBOLITE : Green, coarse, massive distinct rock at top of section composed of amphibole and biotite passing into finer grained chloritic rock and into dark green chlorite schist below.										
129	154	CHLORITE BIOTITE SCHIST : ROCK as before 73' - some sulphides streaks.										
154	156	QUARTZ CHLORITE SCHIST : Siliceous, well banded, almost shaly rock with streaks of pyrite along banding.										
156	159	CHLORITE SCHIST : Fine grained, green, soft as before.										
159	161	QUARTZ CHLORITE SCHIST : Well banded rock as before 156'.										

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DIAMOND DRILL RECORD

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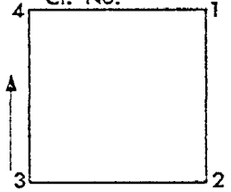

HOLE No. CL9 PROPERTY

SHEET No 3 BEARING ELEVATION

LOCATION DIP COLLAR TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
161	166.5	BANDED QUARTZ CHLORITE SCHIST : Fine grained, very finely banded, in places contorted rock.										
166.5	169	CHLORITE SCHIST : As before 159' but no banding. Occasional almost massive section with some pale chlorite.										
169	173.5	QUARTZ BIOTITE SCHIST : Brownish biotitic and white siliceous sections interbanded at 45-50°. Some sulphides along banding predominantly pyrrhotite. At 172.5 : a 1" pyrite vein.										
173.5	176	MASSIVE SULPHIDES: Predominantly pyrrhotite but some blebs of pyrite, no economic minerals noted.										
176	191	BIOTITE CHLORITE SCHIST : Green bandsof epidote and chlorite intermixed with biotite rich, brownish bands. Occasional quartz lense, occasional section of well banded and contorted rock.										
191	227	COARSE BIOTITE CHLORITE SCHIST : Dark brown and green mottled rock, coarse to fine grained, banded at 50-60°. Aggregates of biotite and chlorite separated by interstitial quartz and carbonate.										

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DIAMOND DRILL RECORD

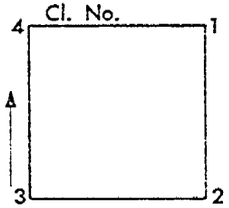
HOLE NO. CL9 PROPERTY

SHEET NO 4

LOCATION

BEARING

DIP COLLAR



ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
		Some small veinlets of quartz and carbonate.										
227	235	CHLORITE SCHIST : Green, fine grained, almost uniform , pale green on top somewhat darker at the bottom.										
235	237	QUARTZ SCHIST : Fine grained, hard, siliceous, very well banded almost shaly rock. Quartz vein in the middle of the section distorts the banding - some quartz vein at bottom.										
237	239	MASSIVE SULPHIDES : Predominantly pyrrhotite with occasional pyrite bleb.										
239	244	PREDOMINANTLY QUARTZ SCHIST : Rock as before 237' but occasional green chloritic streaks with some pink garnets.										
244	246	FELDSPAR PORPHYRY : Grey, fine to coarse, siliceous, hard rock banded at 50° with some phenocrysts offeld-spars and occasional larger quartz. This is equivalent to felsite rather than Quartz-feldspar-porphyry.										
246	254	PREDOMINANTLY CHLORITIC SHALE : Dark green to black, very fine grained, soft shale with siliceous, paler bands and occas-										

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DIAMOND DRILL RECORD

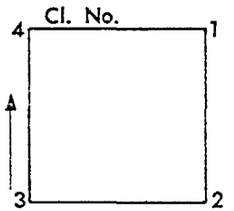
CLE No. CL9 PROPERTY

SHEET No 5

LOCATION

BEARING

DIP COLLAR



ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
		ional more massive dark green fine grained chloritic section. Probably sediments mixed with some tuff.										
254	257	LAMPROPHYRE: Black, medium grained, massive, soft rock composed predominantly of biotite.										
257	259	QUARTZ CHLORITE SCHIST : Rock as described previously.										
259	270	PORPHYRY ? : Rock as before 246' but fairly abundant biotite. Maybe an altered section of coarse acid tuff.										
270	272	PORPHYRY: As above but conspicuous contorted, brown and white bending similar to that in quartz biotite schist, banding appears gradually.										
272	276	SULPHIDES with QUARTZ and CHLORITE : Fine grained pyrrhotite and blebs and globules of pyrite in quartz chlorite rock.										
276	282	PREDOMINANTLY QUARTZ : Abundant quartz with bands of green chloritic schist with pink garnets.										
282	284	CHLORITE QUARTZ SHALE : Very fine grained, very well banded, shaly soft rock with abundant large pink garnets at bottom.										

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DIAMOND DRILL RECORD

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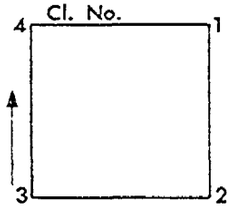

HOLE NO. CL9 PROPERTY

SHEET NO 6 BEARING ELEVATION

LOCATION DIP TOTAL DEPTH

COLLAR CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOV-ERED	ASSAYS				REMARKS
284	289	CHLORITE SCHIST : Coarse, pale green, soft rock as described previously.										
289	297	GARNETIFEROUS CHLORITE SCHIST : Green, chloritic rock, well banded and interspersed with siliceous bands. Garnets scattered all over the section.										
297	323	PREDOMINANTLY QUARTZ BIOTITE SCHIST : Occasional green chloritic band - otherwise rock as described previously. Sulphide streak and coarser chlorite bands at 322'.										
323	333	PREDOMINANTLY MICRO-AMPHIBOLITE : Fine grained, massive, green rock composed predominantly of amphibole and biotite.										
333	334	CORE MISSING										
334	348	BIOTITE-QUARTZ-CHLORITE SCHIST : A mixture of rock, probably due to different alteration; some bands of amphibolite.										
348	352	PREDOMINANTLY CHLORITE SCHIST : Soft, pale, coarse; occasional quartz vein.										
352	362	CHLORITE BIOTITE QUARTZ SCHIST : Interbanded biotite-rich and chlorite-rich rock as described previously.										
	362	END OF HOLE										

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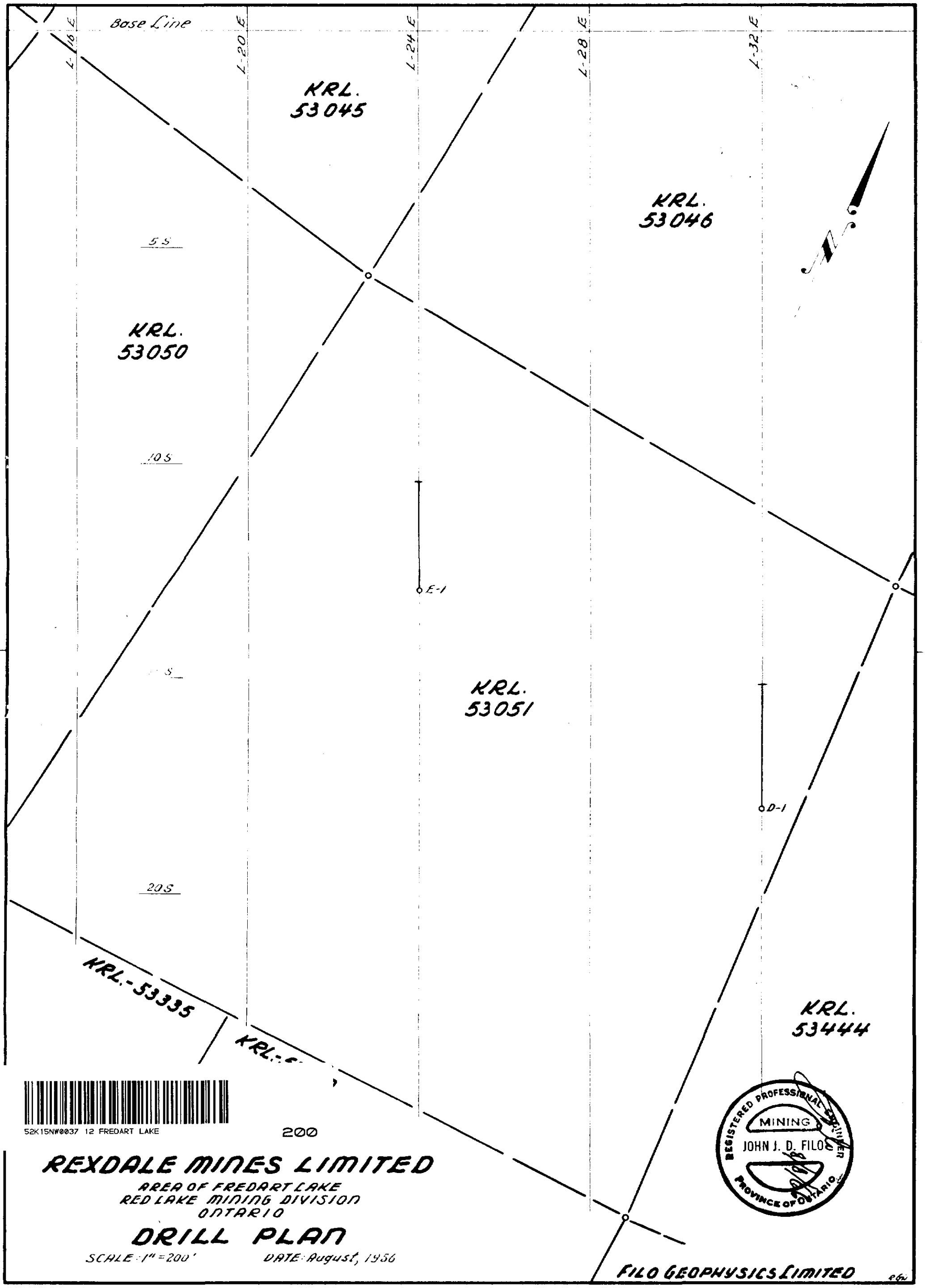


REXDALE MINES LIMITED

AREA OF FREDART LAKE
RED LAKE MINING DIVISION
ONTARIO

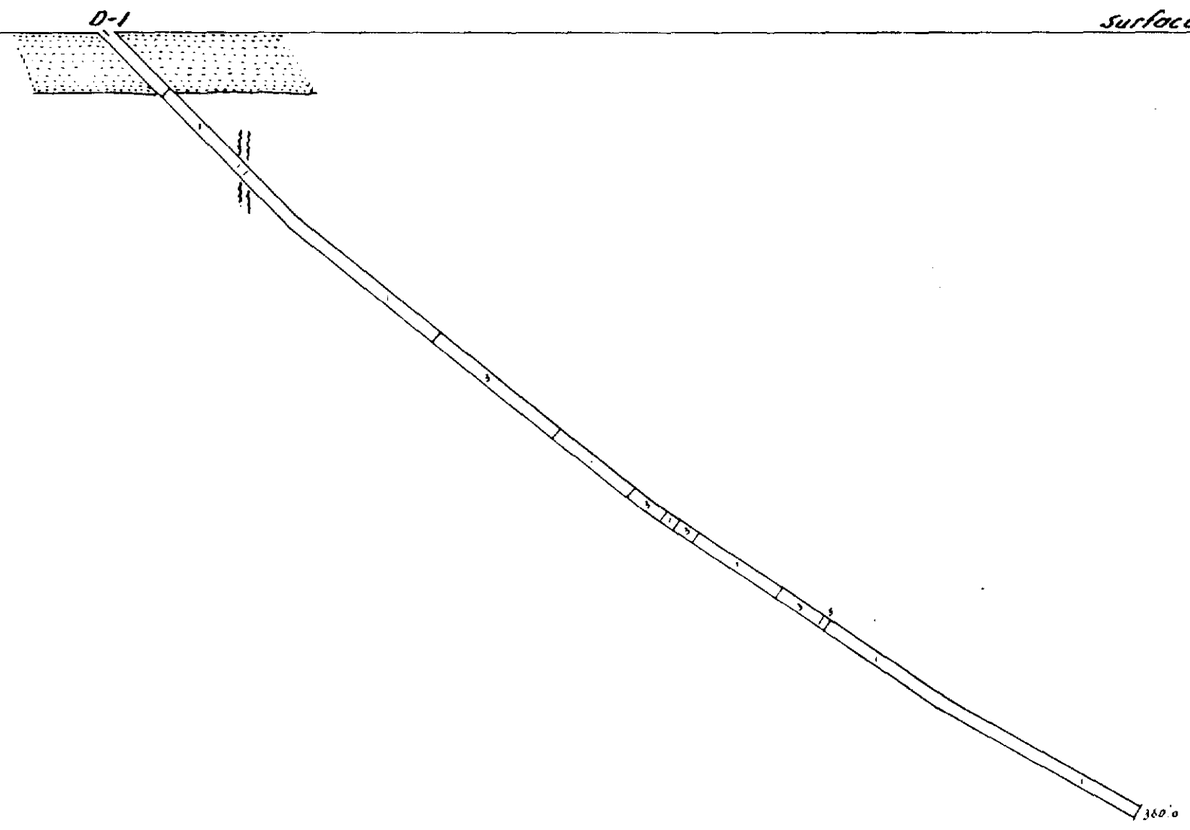
DRILL PLAN

SCALE: 1" = 200' DATE: August, 1956

FILO GEOPHYSICS LIMITED

D-20°-W

LOCATION: L-32E, 1800'S



LEGEND:

5	Gabbro
3	Andesite Dyke
1	Qtz. Bio Chl, Sericite Garnet Schist

REGISTERED PROFESSIONAL ENGINEER
MINING
JOHN D. FILO
8/8/66
PROVINCE OF ONTARIO

REXDALE MINES LIMITED

AREA OF FREDART LAKE
RED LAKE MINING DIVISION
ONTARIO

SECTION DRILL HOLE D-1

SCALE: 1" = 40' DATE: August, 1966

52K15NW0037 12 FREDART LAKE

210

FILO GEOPHYSICS LIMITED

N-20°-W

LOCATION: L-24E, 1298'S

surface

E-1

100'

100'

200'

200'

121'0

LEGEND:

5 Gabbro

1 Qtz Bio-Chl, Sericite, Garnet Schist

52K15NW0037 12 FREDART LAKE

220

REGISTERED PROFESSIONAL ENGINEER
MINING
JOHN J. D. FILO
8/8/66
PROVINCE OF ONTARIO

REXDALE MINES LIMITED

AREA OF FREDART LAKE
REDLAKE MINING DIVISION
ONTARIO

SECTION DRILL HOLE E-1

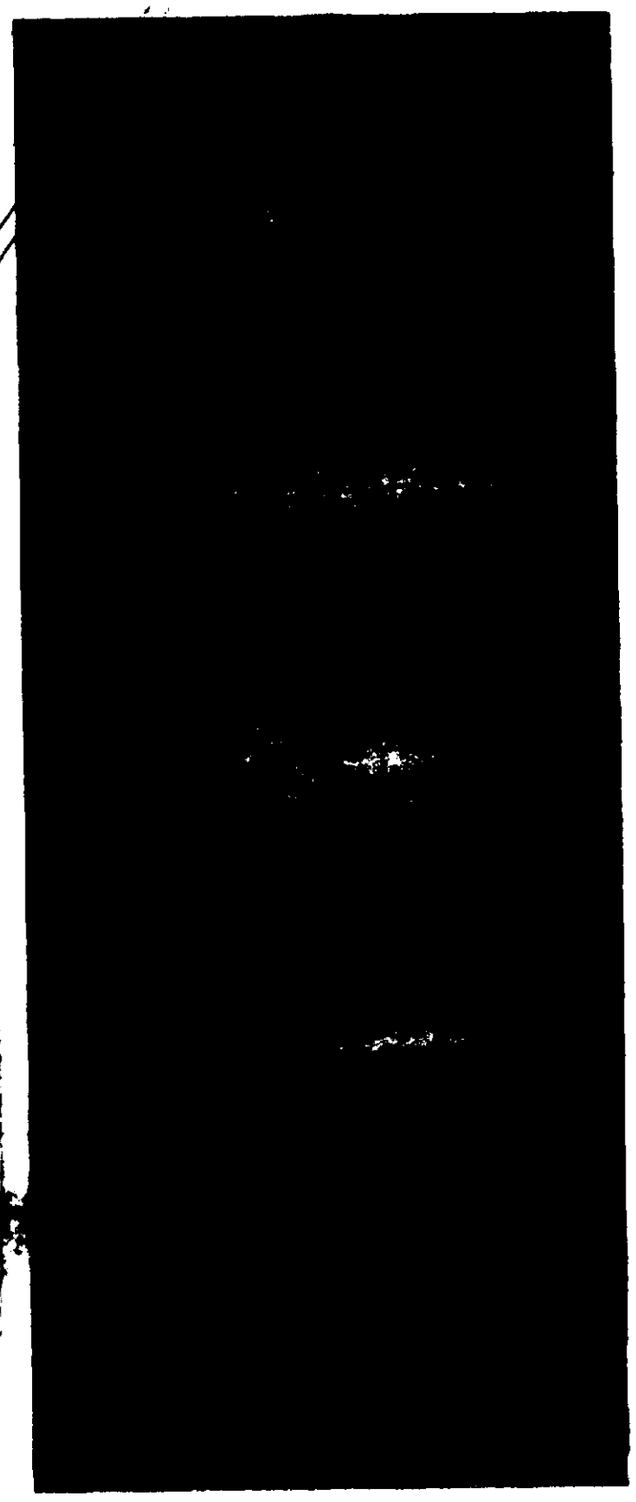
SCALE: 1" = 40' DATE: August, 1966

PGL

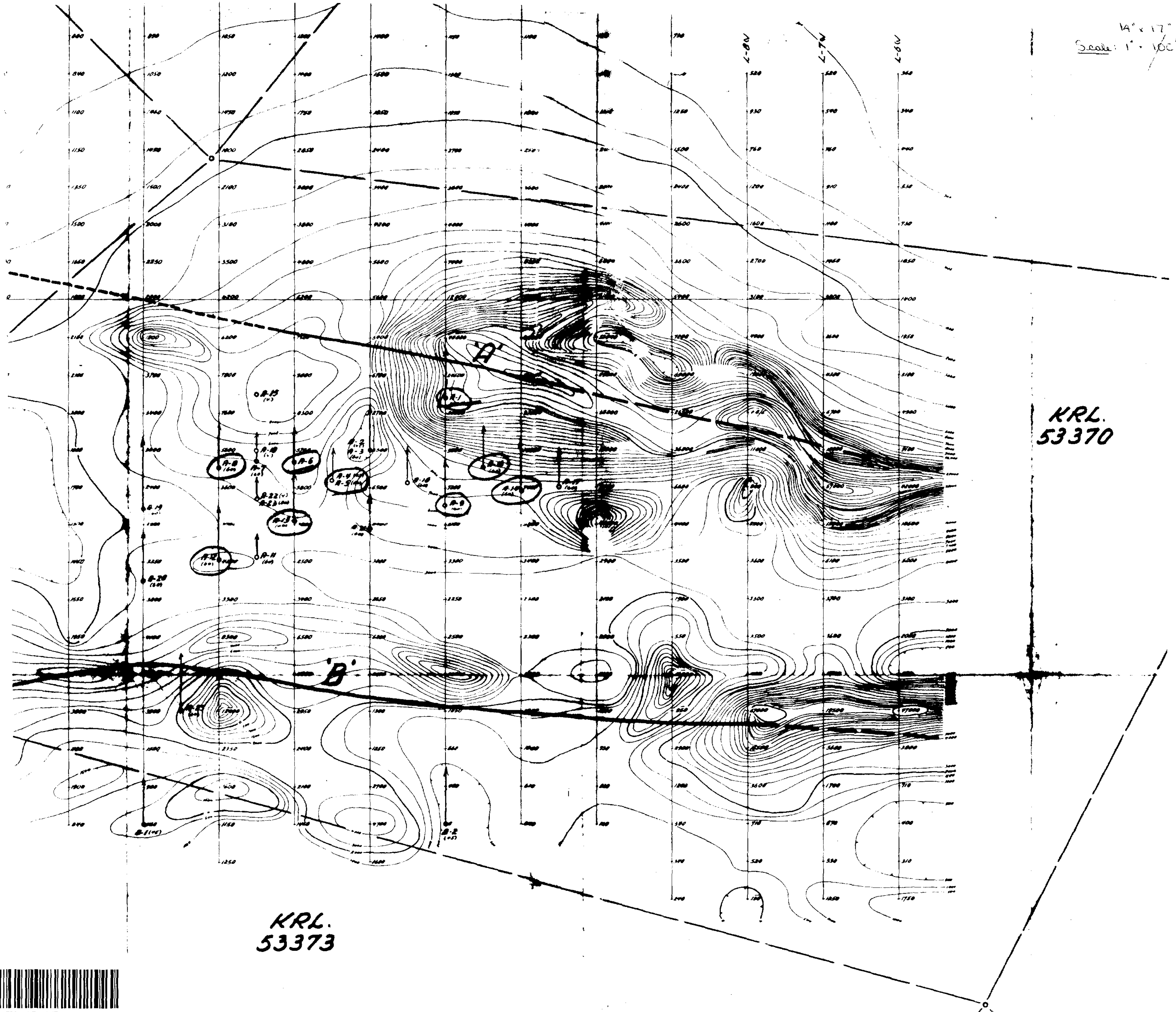
A-44

A-45

526'



52K15NW0037 12 FREDART LAKE



52K15NW0037 12 FREDART LAKE

240