Diamond Drilling

Township of Dundonald

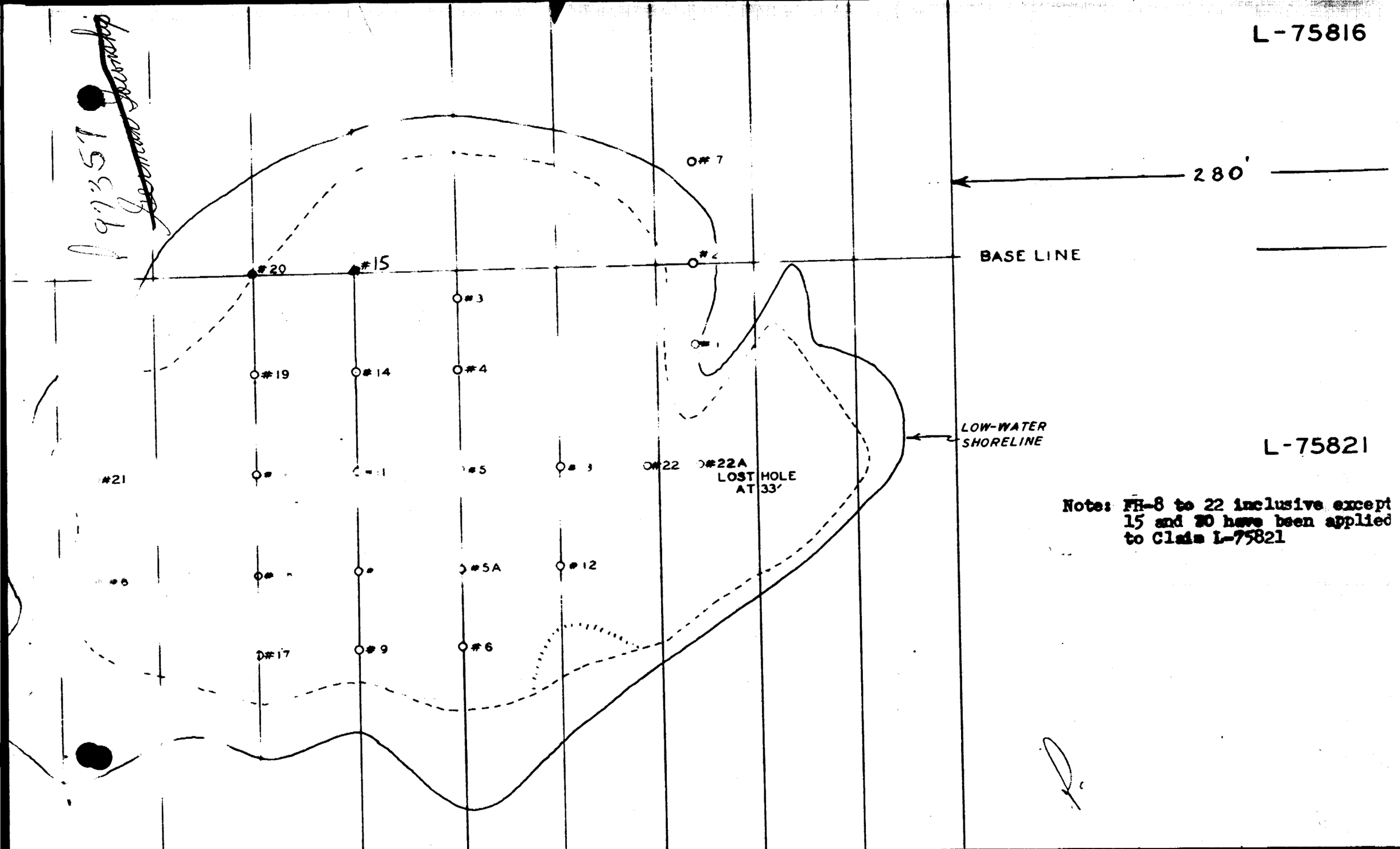
Report Nº: 15

Work performed by: Hollinger Mines Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
L. 75816	FH-15	303'	May 68	(1)
	FH-20	308'	Jun 68	(1)
	1-71	300'	Feb 71	(1) (2)
	2-71	302'	Feb 71	(1) (2)
	3-71	300'	Feb 71	(1) (2)
L. 75824	DU-1-69	636'	Feb 69	(1)
L. 75817	DU-2-69	808'	Mar 69	(1)
L. 75821	4-71	306'	Feb 71	(1) (2)
	5-71	300'	Feb 71	(1) (2)
	6-71	450'	Mar 71	(1)(2)
	7-71	393'	Mar 71	(1)(2)
	8-71	280'	Mar 71	(1) (2)
	9-71	180'	Mar 71	(1) (2)
	104-71	400'	Mar 71	(1) (2)
P. 371371 (formerly L. 75821)	DU-5-74	452'	Mar 74	(1) (3)
	DU-6-74	562'	Mar 74	(1) (4)
P. 371376 (formerly L. 75826)	DU-4-74	275'	Mar 74	(1) (3)

Notes: (.....) date placed on file
(1) (May 74)
(2) 55/71
(3) 49/74
(4) 50/74

L-75816



L-75821

Note: FH-8 to 22 inclusive except 15 and 20 have been applied to Claim L-75821

FORM 522

Location of Collar from #2 Post
E 0'
W 580'

NORTH XL 194
EAST. On Bdy.
ELEV.
AZIM.
DIP Vertical

DIAMOND DRILL REPORT

PROPERTY SUNDSTRAND TOWNSHIP
Claim L-75816

HOLE NO. SD-15
COMMENCED May 16/62
FINISHED May 22/62
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	2	Casing						
2	48	Pillowed dunite spherulitic pillow margins with serpentine. 48 gradational contact						
48	53	Speckled dunite. Gradational contact.						
53	75	Pillowed dunite. Gradational contact.						
75	135	Speckled rock locally mineralized gradational contact.						
135	206	Pillowed dunite spherulitic pillow margins. (200-203) breccia						
206	303	Speckled dunite, serpentine stringers locally brecciated and mineralized. End of Hole @ 303'.						

Location of Collar from #2 Post E 6'
NORTH 2L 19.4 30 W W 630'
EAST 2R Extn.
ELEV.
AZIM.
DIP Vertical

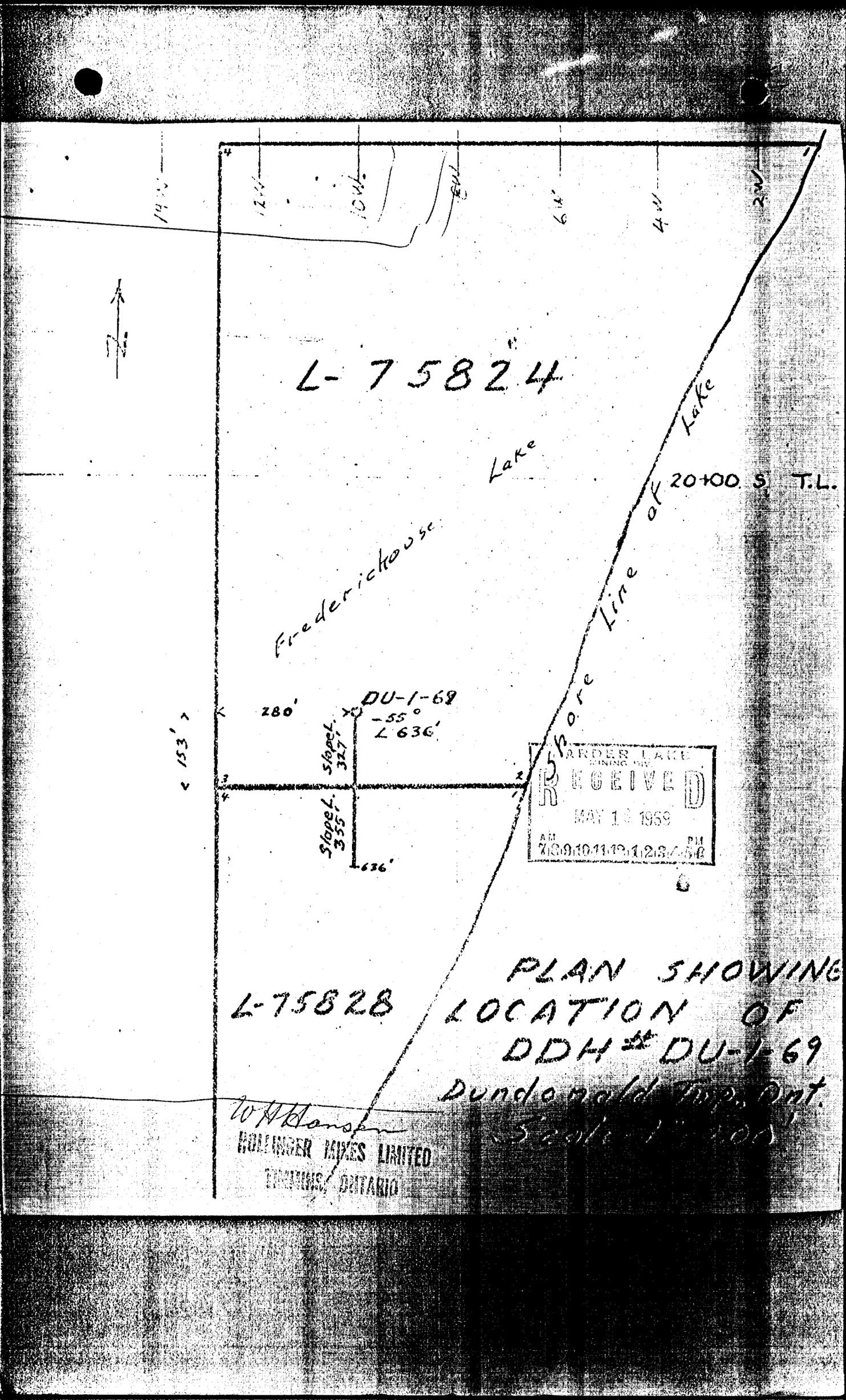
DIAMOND DRILL REPORT

PROPERTY McDONALD TWP. (Frederickhouse Lake) Claim S-77516

HOLE NO. FH-20
COMMENCED June 13/60
FINISHED June 14/60
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	2	Casing						
2	20	Pillowed dacite, spherulitic pillow margins gradational contact @ 20' bluish mineral pillow margins						
20	35	Massive speckled dacite, @ 35' gradational contact						
35	[illegible]	Dacite breccia						
[illegible]	76	Speckled dacite - gradational contact						
76	[illegible]	Pillowed dacite - locally mineralized along spherulitic pillow margins.						
[illegible]	96.2	Massive dacite breccia.						
96.2	107	Brecciated contact, fine grained speckled dacite - lower contact brecciated appears to be small angles to core axis.						
107.1	118.5	Dacite breccia - mixed fragments						
118.5	161	Fine grained speckled dacite locally brecciated - mineralized 125-130'.						
161	187	161 sharp contact @ 65 deg. to core axis, spherulitic pillowed dacite						
187	200	Dacite breccia or fragmental, sharp contact @ 30 deg. to core axis.						
200	219	Speckled dacite - becoming coarse grained @ 205', @ 215.5' heavy brecciated sphalerite						
219	250	Pillowed spherulitic dacite - dark serpentine, a little Niobe mineral, 250' gradational contact.						
250	260	Massive speckled dacite @ 259', gradational contact.						
260	272	Pillowed dacite.						
272	276	Massive speckled dacite.						
276	284	Pillowed dacite (gradational contact)						
284	286	Speckled section gradational contact.						
286	308	Spherulitic pillow lava.						
		End of Hole @ 308'						

C E MacKenzie
HOLLINGER CONS. GOLD MINES, LTD.,
TIMMINS, ONT.


L-75824
Lake
Fredericksburg
Lake
Shore Line of
20+00 S. T.L.
DU-1-68
-55°
L 636'
280'
153'
Slope L.
327'
Slope L.
355'
636'
ARDER LAKE
MINING DIV.
RECEIVED
MAY 1 3 1969
L-75828
PLAN SHOWING
LOCATION OF
DDH # DU-1-69
Dundonald Twp. Ont.
Scale 1" = 100'
W. H. Hansen
ROLLINGER RIKES LIMITED
TIMMINS, ONTARIO

FORM 828

NORTH XL 10W
EAST @ 24+ 75 S
ELEV.
AZIM.
DIP Collar 55°
200' 61°
600' 63° 450 - 60°

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP.

HOLE NO DU - 1
COMMENCED February 27, 1969
FINISHED March 17, 1969
PURPOSE OF HOLE

End 636'

FROM	TO	DESCRIPTION
0	250	Casing
250	636	Massive Serpentinised Peridotite
		(260 - 275) 12 ft. lost core
		(303 - 305) Lost Core
		(307 - 309) " "
		(311 - 312) " "
		(317 - 319) " "
		(326 - 327) " "
		(328.5 - 331.8)" "
		(343 - 344) " "
		(300 - 375) dk. gr. peridotite, badly broken core - numerous strs. of gr. serp. thru-out sect.
		(382 - 383) core Missing
		(387 - 388.5) " "
		(386 - 387) " "
		(395.7 - 398) " "
		(416.5 - 421) " "
		(431 - 432) " "
		(447 - 450) " "
		(452 - 453) " "
		(455 - 456) " "
		(457 - 460) " "
		(463 - 480) " " possib.e Fault Zone ?

CORE SAMPLES FROM	TO	RECOV	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
298'	300'	2'	2'		Dk. gr. strs. serp. & mass. peridotite.
373	375	2	2		Highly serp. peridotite
500	502	2	2		Mass. dk. gr. peridotite considerable serpentive
549	550	1	1		
573	575	2	2		Mass. peridotite w/serp. strs.
598	600	2	2		Mass. peridotite w/serp. strs.
633	635	2	2		Mass. serp.peridotite

FORM 622

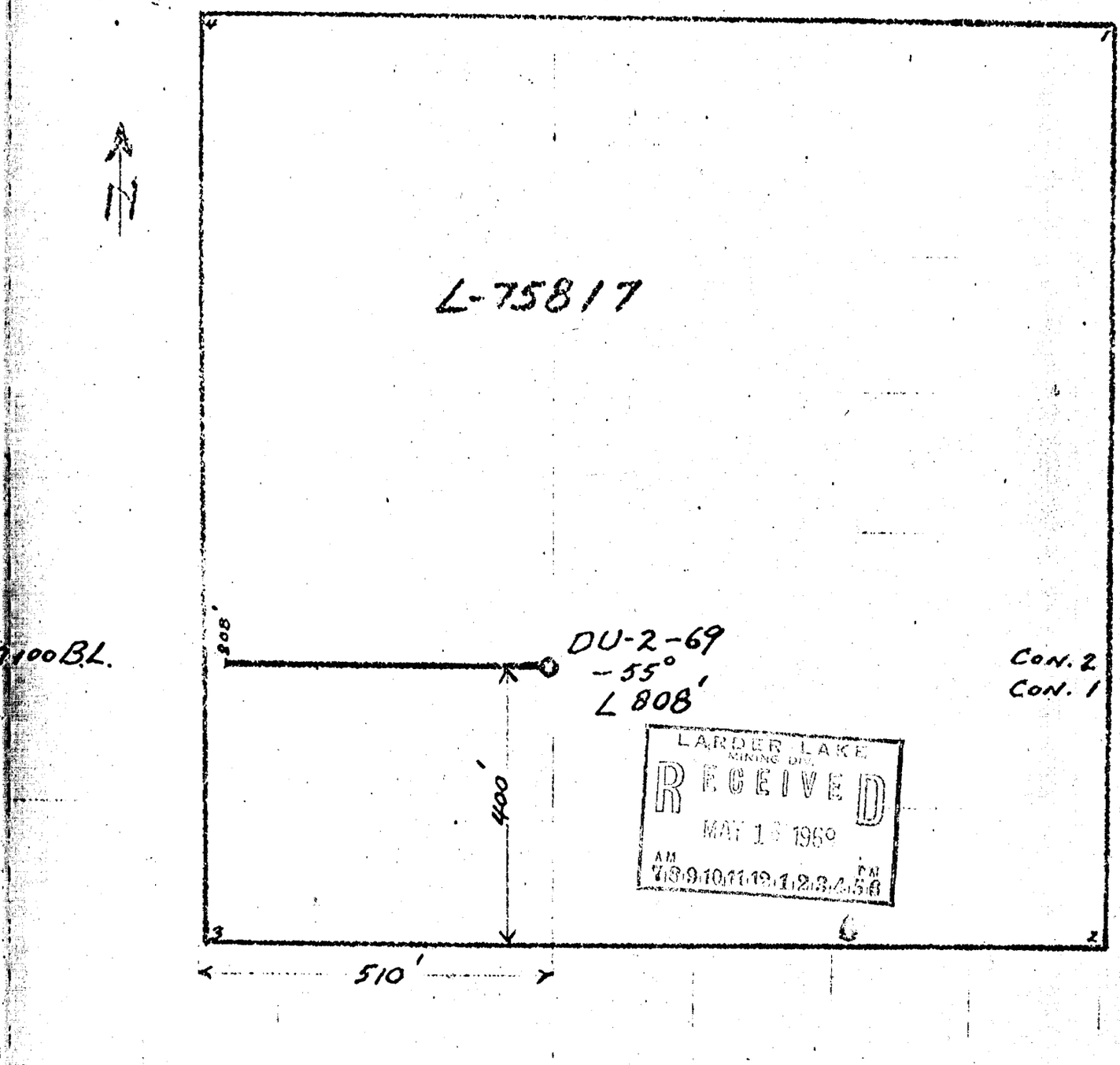
NORTH
EAST
ELEV.
AZIM.
DIP Collar

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP.

HOLE NO. DU #1
COMMENCED February 27, 1969
FINISHED March 17, 1969
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		(480 - 520) Mass. peridote good recovery						
		numerous stks. serp.						
		(525 - 526) Missing						
		(528 - 530) "						
		(539 - 540) "						
		(541 - 542.2) "						
		(545 - 549) "						
		(550 - 575) Mass. peridotite						
		fairly good recovery						
		(575 - 590) good recovery						
		(577 - 578) missing						
		(586.8 - 590) "						
		(590 - 600) good recovery						
		(600 - 636) Mass. serp. peridotite						
		Good recovery						
		636 End of Hole						
		C P Mackenzie						
		HOLLINGER MINES LIMITED						
		TIMMINS, ONTARIO						



PLAN SHOWING LOCATION OF
DOH # DU-2-69
Dundonald Twp.
Scale - 1" = 200'

W. H. Hanson
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO

location of hole from 3+ 5' L 5+0' N400'

FORM 888

NORTH XL 34 W @ 4N of
EAST B.L.
ELEV.
AZIM. 270°
DIP Collar 55°

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP

HOLE NO. DU-2
COMMENCED March 21, 1969
FINISHED March 27, 1969
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	125	Casing						
125	128	Speckled serpentinised dacite lt.green						
		in color lower contact 10° to core axis	135	140	5.0	5.0		Carb. strs. irregular
		along calcite str. fault?	140	145	5.0	5.0		" " "
128	148.5	Massive cherty dacite	145	150	5.0	5.0		Serp. slips + carb. strs.
		Numerous carb. strs.						
		133 - 134 broken speckled core						
			195	200	5.0	5.0		Carb. strs. 45° to core axis
148.5	157	Serpentinised section lt. green	200	205	5.0	5.0		Bk. serp. cal. strs.
157	198	Mass. cherty dacite						
198	208	Dark green serp. dacite	220	225	5.0	5.0		Dk. serp. dacite pillow
								carb. strs.
208	215	Lt. col. cherty pillowed dacite	265	270	5.0	5.0		Reddish sph. + cal. strs.
215	231.5	Dk. serp. fine chicken tract str.	270	273	3.0	3.0		Dacite carb. strs.
		intruding pillowed dacite irregular						
		lower contact @ 80° to core axis	273	274	1.0	1.0	.90Ni	Reddish sph. + Pent. carb.
								strs.
231.5	293	Massive grey green cherty dacite	274	275	1.0	1.0	1.01 Ni	fractures red. sph. + pent.
			275	276	1.0	1.0		Carb. str. min.
293	374	Lt. green speckled dacite highly	280	285	5.0	5.0		Cherty dacite dusty min.
		serpentinised Lower contact along slip	285	285.5	.5	.5	Ni.1.18%	Breccia in cherty dacite
		plane with calcite str.						well min.
		@ 15° to C.A.	310	315	5.0	5.0		Sep. spk. dacite
		310 - 370 Highly serp. section						
374	402	Lt. green cherty dacite contact ground	375	400	5.0	5.0		Qts. carb. strs. spalerite

NORTH
EAST
ELEV.
AZIM
DIP

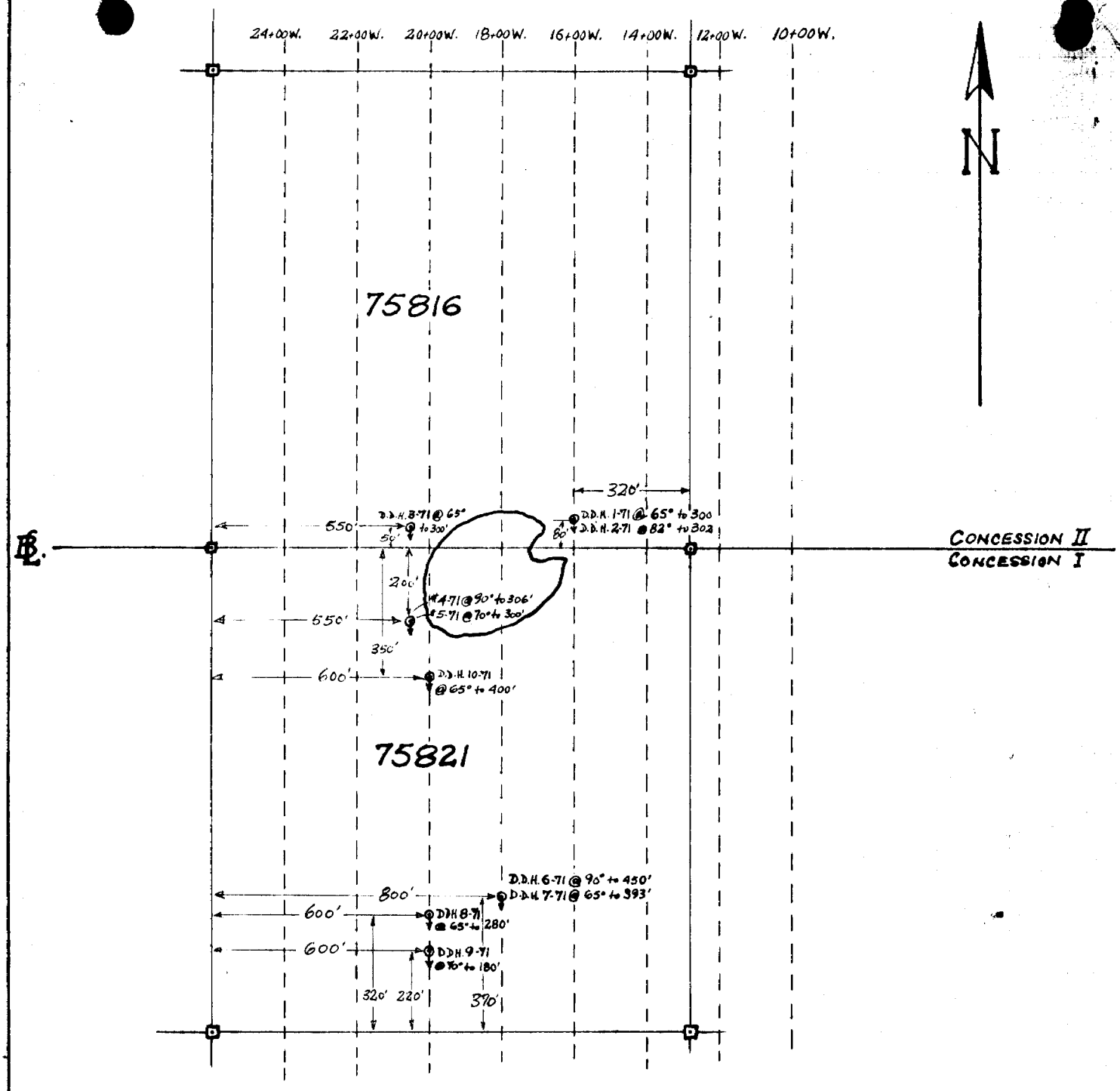
DIAMOND DRILL REPORT

PROPERTY LUNDONALD TWP.

HOLE NO
COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION
402	446	Serpentinised dacite dk. green in color
446	808	Grey gr. speckled dacite:
		Breccia @ 446 - 447
		464.5 - 465.5 serp breccia Highly
		serp section from 446' - 808'
		800 - 803 less serpentine.
		808 END OF HOLE
		HOLLINGER MINES LIMITED
		TIMMINS, ONTARIO

CORE SAMPLES FROM	TO	RECOV	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
470	473	3.0	3.0		2' white qts. @ 85° to C.A. upper contact lower contact brecciated
800	805	5.0	5.0		Serp. Dacite
805	808	3.0	3.0		" "



TOTAL FOOTAGES:

MINERAL CLAIM # 75816 612

" " # 75821 2599

TOTAL FT. DRILLED 3211

55/71, Dundonald Twp.
Hollinger Mines Ltd

FALCONBRIDGE NICKEL MINES LTD.

HOLLINGER OPTION IN
DUNDONALD TWP.

LOCATION OF DIAMOND DRILL HOLES.

SCALE: 1"=400' DATE: MARCH 1971

A.K.

Hole No. 1-71 DIAMOND DRILL LOG

FALCONBRIDGE NICKEL MINES LTD.

Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing S. ON LINE Angle 65° Start Feb. 14th. '71 Finish Feb. 15th. Date _____ By AK.

GRID Sundries 80'N ON LINE 16+00W. Elevation LAKE ICE Casing _____ Tests AT 50', 200'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	34	OVERBURDEN.							
34	46.5	DACITE - massive, med. grained, med. grey, somewhat speckled, occasional calc. stringers. No visible mineralization.							
46.5	72.5	Dacite - as above but weakly brecciated throughout with few zones intensely brecciated. Bx. matrix dark material also some qtz. carb. Abundant qtz. carb. stringers. Finely disseminated sulphide min. occurs predominantly in bx. matrix.			1008	50	55	5	0.15% Ni
72.5	82.0	Dacite - massive, med. grained, med. grey. Occasional and minor sulphides visible.			1009	80	85	5	0.18% Ni
					1010	85	90	5	0.18% Ni
82	97.0	Dacite - as above but weakly brecciated throughout.			1011	90	95	5	0.15% Ni
97	104.5	Dacite - massive, med. to light grey, med. grained. No visible mineralization.							
104.5	131.0	Dacite - as above but weakly brecciated (flow bx.), appears somewhat altered - bx. frags poorly defined. Calc. and dark							

Hole No. 1-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location: _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By A.K.

Cordir[illegible]s N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
104.5 (CONTINUED).	131	serp. stringers abundant. Some graphite observed along fractures. No appreciable sulphide min. visible.							
131	133	Dacite – somewhat darker, brecciated (late) with calc. as bx. matrix and abundant calc. stringers. No. visible min.							
133	135	Dacite – as 104.5-131 above							
135	138	Dacite – as 131-133 above.							
138	170.5	Dacite - Massive flow, light grey, med. grained, speckled in part, also weakly brecciated in part but bx. frags poorly defined due to alteration. No appreciable min. visible.	Qtz. carb. bleach.						
170.5	192	Dacite – flow bx. med. to dark grey, med. grained, somewhat altered (calcite ?) bx. frags. poorly defined. Superimposed (late) bx. – abundant calc. as bx. matrix and as stringers. Occasional visible sulphides, predominantly in bx. matrix.			1012	172.5	176.5	4	0.12% Ni

PROPERTY HOLLINGER OPTION HOLE NO. 1-71.

Hole No. 1-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By A.K.

Cordin[illegible] N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
192	221	Dacite - massive flow, med. grey, med. grained, fractured with qtz. carb. and altered along fractures. No visible min.							
221	227	Dacite - highly altered, broken & crumbly, much calc., and serp → talc.							
127	144.5	Dacite - dark grey, med. grained altered and greatly fractured with calc. and qtz. in fractures. Becoming brecciated (fine) towards bottom of intersection — i.e. ~242-244.5. No appreciable visible min.							
244.5	262	Indefinite! - med. to fine grained grey-green rock showing fine closely spaced parallel sets of laminae — sometimes truncating eachother, sometimes cross-cutting eachother. Looks like serp. alteration following cleavages planes. Becomes brecciated at bottom of intersection — i.e. ~258-262. No visible min. worthy of note.							

PROPERTY HOLLINGER OPTION. HOLE NO. 1-71.

Hole No. 1-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By A.K.

Coordinates N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
262	274.5	Dacite – as 227-244.5 above. Sharp contact at 274.5.							
274.5	286	Dacite – massive, fine-grained, grey-green (qtz. carb. bleach?), speckled in part and fractured with calc. along planes. No vis. min. Gradational into :-							
286	300	Dacite – massive, med. to coarse grained, med. grey, f-spars well defined, approaches aligator texture. No visible mineralization.							
	300	END OF HOLE.							
		Dip Tests: At 50' 67° (Corrected).							
		" 200' 64.5° (Corrected).							

PROPERTY HOLLINGER OPTION. HOLE NO. 1-71.

Hole No. 2-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE. Bearing S. ON LINE Angle 82° Start Feb. 15th '71 Finish Feb. 16th '71 Date _____ By A.K.

Cordinates 80'N on 16+00W. Elevation LAKE ICE Casing _____ Tests AT 30', 200'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	28	CASING.							
28	41	Dacite - light grey, fine grained (qtz. carb. bleaching). Pillowed, with well defined serp. + spherulitic pillow margins. Minor + occasional visible mineral. Gradational into:							
41	54	Dacite - med. grey, med. grained fractured + brecciated, possibly pillowed but more highly altered. Occasional finely dissem. min. visible.							
54	70.5	Dacite - similar to above but more massive. Fractures with calc. and some serp. Occasional min. visible.			1013	56	61	5	0.12% Ni.
70.5	76	Dacite - as above, massive and well mottled.							
76	143	Dacite - Variably brecciated throughout. Med. grained, med. grey-green, appears somewhat altered (qtz-carb.). Towards base of intersection bx. frags hazy with altered rims (qtz. carb. + minor serp.). Occasional but poorly defined spherulitic zones - may represent							

PROPERTY HOLLINGER OPTION. HOLE NO. 2-71

Hole No. 2-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AK.

Cordinates N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
76	143	primary structures (pillow rims).							
(CONTINUED)		Only very minor mineral occasion-							
		ally visible.							
143	152.5	Dacite - massive, light grey,							
		med. to fine grained, (silicified)							
		fractures contain qtz. carb.							
		No appreciable visible mineral.							
152.5	183	Dacite - brecciated, med. grey-							
		green, med. to fine grained. Bx.							
		frags hazy and somewhat altered.							
		Dominantly qtz. carb. as bx. matrix							
		and in fractures. Only minor							
		visible mineral.							
183	211	Dacite bx. as above but darker							
		and more intensely brecciated			1014	183	185	2	0.11% Ni.
		with qtz. carb. and serp. occurring			1015	188	193	5	0.13% Ni.
		in fractures and bx. matrix. Some							
		finely disseм. min. visible.							
211	222.5	Dacite - massive light-med. grey,							
		med. grained granular. Fractures							
		with qtz. carb. along fractures.							
		No appreciable visible sulphides.							
222.5	257.5	Dacite - Variably brecciated							
		throughout, dark grey, med.			1016	223	225	2	0.16% Ni.
		grained with qtz. carb. and serp.							

Hole No. 2-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AKC.

Cording N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
222.5 (CONTINUED)	257.5	occurring along fractures and as bx. matrix — similar to 183-211 above. Very little visible min.							
257.5	272	Dacite, massive, light grey, med. grained, some fractures with qtz. carb., possible qtz. carb. bleaching. Few short brecciated zones. Similar to 143-152.5. No visible min.							
272	302	Dacite, variably bx. throughout. Med. grey, med. grained, essentially qtz. carb. in fractures & bx. matrix. Bx. frags often hazy and show alteration rims. No visible min.							
	302	END OF HOLE							
		DIP TESTS:							
		At 30' - 86° corrected.							
		" 200' - 84° "							

PROPERTY HOLLINGER OPTION. HOLE NO. 2-71

Hole No. 3-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE. Bearing S. ON LINE Angle 65° Start Feb. 23rd. '71 Finish Feb. 24th. '71 Date _____ By AK.

Cordinates 50' N. ON LINE 20+50W Elevation LAKE ICE. Casing _____ Tests At 30' + 300'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	26	CASING.							
26	43	Dacite – 'massive', light grey, med. to coarse grained, partially bx. with serp. + qtz. carb. in matrix and along fractures. No appreciable visible min.							
43	59	Dacite – bx., fine grained, light grey green – qtz. epidote carb. bleach, possibly followed with serp. + qtz. carb. as matrix and occurring along fractures.							
59	62	Dacite – massive. As 26-43.							
62	251	Dacite – Pillowed and brecciated. spherulitic pillow margins.			1017	225	228	3	0.10% Ni.
		Light grey and med. to fine grained – appears rhyolitic but qtz. carb. bleaching. Intense brecciation along pillow margins. dominantly serp. in fractures and bx. matrix. Coarse sulphides occasionally visible. Pyrrhotite associated with late calc. at 125-135. Calc. vein at 242.			1018	230	233	3	0.08% Ni.

PROPERTY HOLLINGER OPTION. HOLE NO. 3-71.

Hole No. 3-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AK.

Cording N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
251	265.5	Dacite - massive, med. grey, med. grained granular. Fractured, with qtz. carb. and serp. occurring along planes. No appreciable vis. min.							
265.5	300	Dacite - pillowed and weakly brecciated. Spherulitic pillow margins, light grey, fine grained. Much qtz. carb. bleaching imparts rhyolitic appearance. Similar to 62-251. Very minor vis. min.							
	300	END OF HOLE.							
		DIP TESTS:							
		At 30' 67° corrected.							
		" 200' 66°45' "							

PROPERTY HOLLINGER OPTION. HOLE NO. 3-71.

Hole No. 4-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing — Angle 90° Start Feb. 25th. '71 Finish Feb. 26th. '71 Date _____ By AK.

Cordi[illegible] 200'S ON LINE 20+50W Elevation LAKE ICE Casing _____ Tests 100' and 250'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	6	CASING.							
6	52	Dacite – brecciated throughout, med. grey, med. grained. Bx. frags. angular in dark matrix. Calc. vein at 27'. Only scant min. visible.							
52	54	Aquagene tuff material? Intensely brecciated, frags small partially altered (serp.), dark serp. matrix. Spherulitic, much finely dissem. mineral visible.			1019	50	52	2	0.08% Ni.
					1020	52	54	2	0.04% Ni.
54	56	Dacite – similar to 6-52 but weakly brecciated and fractured. Trace visible sulphides.							
56	57.5	As 52-54 – mica vis. min.			1021	56	57.5	1.5	0.04% Ni.
57.5	58.5	Dacite – as 54-56 above.							
58.5	59.5	Dacite – slightly darker and finer grained.							
59.5	65	Aquagene tuff material? Intensely brecciated, small angular frags (creamy in colour) in a dark green serp. matrix. Smaller frags completely altered to green serp., larger frags partially altered. No visible sulphides. N.B.-Different from 52-54 intersection.							

PROPERTY HOLLINGER OPTION. HOLE NO. 4-71

Hole No. 4-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AG.

Cordinates N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
65	306	Dacite – variably brecciated							
		throughout and likely pillowed.							
		Some gradational changes in			1022	85	90	5	0.11 % Ni.
		degree of brecciation, colour and			1023	90	95	5	0.18 % Ni.
		grain-size:							
		Dacites med. grey, med. to fine			1024	100	105	5	0.14 % Ni.
		grained, frequently bleached (qtz.							
		carb.) and more intensely bx.			1025	114.5	116	1.5	0.14% Ni.
		Numerous short intensely brecciated			1026	120	125	5	0.16% Ni.
		and altered sections, many							
		spherulitic at margins, probably			1027	133	137	4	0.08% Ni.
		pillow selvages. Finely dissem.							
		sulphides frequently visible pre-			1028	141	146.5	5.5	0.19% Ni.
		dominantly in pillow ~~selvages~~			1029	165	170	5	0.13% Ni.
		selvages and bx. matrix.							
		129-138 - Bx frags light grey-green			1030	185	190	5	0.30 % Ni.
		fine grained (qtz. epidote carb.			1031	195	200	5	0.38 % Ni.
		bleach). Scant min. visible.							
		141-146.5 - Rocks somewhat			1032	212	217	5	0.33 % Ni.
		darker, numerous qtz. carb.			1033	217	226.5	9.5	0.32 % Ni.
		stringers. Finely dissem. min. vis.							
		226.5-257 - As above but more							
		massive, serp. spherulitic zones			1035	235	240	5	0.53 % Ni.
		at 233 + 238, very finely							
		disseminated min. visible.							

Hole No. 4-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AG.

Cordi[illegible] N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
		26B-301 - brecciation more intense,							
		med.-fine grained, light grey -			1036	270	275	5.	0.12% Ni.
		fg. carb. bleach, numerous and			1037	275	280	5.	0.11% Ni.
		well serpentinized 'pillow rims'.							
		Dissem. sulphides frequently			1038	300	306	6.	0.10% Ni.
		visible predom. in bx. matrix							
		and pillow selvages - occasionally							
		~~occupying~~ also in spherulites.							
		301 - 306 - darker and more							
		massive.							
	306	END OF HOLE.							
		DIP TESTS:							
		At 100' 87° corrected.							
		" 250' 88° "							

PROPERTY HOLLINGER OPTION. HOLE NO. 4-71

Hole No. 5-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing S. ON LINE Angle -70° Start Feb. 26th '71 Finish Feb. 27th '71 Date _____ By Atk.

Cordinates 200'S. ON LINE 20+50W Elevation LAKE ICE Casing _____ Tests At 100' and 250'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	8	CASING.							
8	72	Dacite – variably but mostly well brecciated throughout. Spherulitic zone at 10' only. Rocks med. to dark grey, med. grained. Finely dissem. sulphides freq. visible. Coarse pyrite at 20'-30. Calc. vein at 19' and 52.5.			1039	30	35	5	0.38% Ni.
					1040	45	5	5	0.11% Ni.
72	75	Dacite – massive, grey, med. grained. No appreciable vis. min.							
75	94.5	Dacite – Bx – (secondary) med. grey, med. to fine grained. Probably pillowed – some spherulitic zones. Finely disseminated mineral visible.			1041	80	85	5.	0.38
					1042	90	95	5.	0.18
94.5	102	Dacite – massive – as 72-75							
102	150	Dacite – possibly pillowed with numerous short brecciated, serp.-qtz.-carb. zones that are mildly spherulitic at margins and contain finely dissem. min., in otherwise massive grey, med. to fine grained structureless dacite. Becomes coarser at 130-140, and gradational into unit below.							

PROPERTY HOLLINGER OPTION. HOLE NO. 5-71.

Hole No. 5-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AK.

Cordinates N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
150	230	Massive Subserpentinite – Med. grained med. grey-green, mottled. Ropey shear concordant with calc. vein at 173'. Becomes coarser grained with depth ~ 175-200 then finer towards 125'. Becomes bleached (qtz. carb.) at ~125'. No vis. min.							
230	242	'Transition Zone' – Numerous qtz. carb. veins, silicification (bleach) of rock. Serp. becomes more abundant in stringers and fractures. Bx. at 242'. Contact not well defined. No vis. min.							
242	300	Peridotite? Dark grey-green, med. to fine grained & granular where more massive and slightly magnetic. Very much fractured with serp. and talc along fractures, makes rock very breakable & 'blocky'. No appreciable visible mineral.							
	300	END OF HOLE.							
		DIP TESTS:							
		At: 100' – 68° Corrected.							
		" 250' – 69° "							

PROPERTY HOLLINGER OPTION. HOLE NO. 5-71.

Hole No. 6-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE. Bearing — Angle 90° Start Mar. 2nd. '71 Finish Mar. 4th. '71 Date _____ By AK.

Cordinates 950'S. on LINE 18+00W Elevation LAKE ICE Casing _____ Tests At: 100', 300', and 450'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	100	CASING.							
100	188	Subefinite – dark grey, med. to fine grained, two predominant structures:			1046	100	105	5	0.19% Ni
					1034	105	109	4	0.19% Ni, 32 ppm Cu, 57 ppm Zn
		(i) Fine sets of parallel laminae			1047	109	115	6	0.15% Ni.
		often cross-cutting eachother,			1048	115	120	5	0.19% Ni.
		sometimes truncating eachother			1049	120	125	5	0.16% Ni.
		– appears to be serp. alteration			1050	125	130	5	0.16% Ni.
		along joint or cleavage planes.			1051	135	140	5	0.15% Ni.
		(ii) Delicate feru-like structure			1052	145	150	5	0.14% Ni.
		also appears to be alteration			1053	155	160	5	0.07% Ni.
		growth. This structure seems to			1054	165	170	5	0.12% Ni.
		be preferential host for very							
		finely disseminated magnetite.							
		Strongly magnetic.							
		In addition late fractures contain							
		serp. sometimes going to talc.							
188	213	Similar to above, but feru-like							
		structure becomes more dominant			1055	205	210	5	0.20% Ni.
		and also coarser. Strongly							
		magnetic.							
213	226	Breccia zone – strongly developed,							
		frags well rounded, med. grey,							
		med to coarse grained granular,							
		in darker grey-green fine grained							
		matrix. No visible mineral.							

PROPERTY HOLLINGER OPTION. HOLE NO. 6-71

Hole No. 6-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location: _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AK.

Coordinates N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
226	450	Peridotite – serp. Peridotite (?).							
		Grey, med. grained granular,							
		moderate to strongly magnetic							
		throughout. Abundant random			1056	240	245	5	
		and undulating fractures with							
		serp. rock altered along fractures							
		– this sometimes imparts a			1057	260	265	5	
		bx.-like appearance. Numerous							
		short and poorly defined zones							
		finer grained, green and ropey			1058	280	285	5	
		looking – much serp and talc.							
		Chicken track texture occasionally							
		well developed. No appreciable			1059	310	315	5	
		sulphides visible.							
		~ 310 to 315 - becomes finer-grained							
		and dark, more massive here.							
		315 beyond back into med. to dark							
		grey, med. grained granular with							
		abundant serp. fillies fractures.							
		Below 325' some short zones							
		of dark grey-green serpentinite							
		containing flecks and stringers							
		of talc. Ground often very							
		'blocky' due to breaking along							
		fractures.							

PROPERTY HOLLINGER OPTION. HOLE NO. 6-71.

Hole No: 6-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AG.

Cordinat[illegible] _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
226 (CONTINUED)	450	At 445 – a 1" band bounded by talcose serp. mineralized (pyrrhotite, pentlandite?). Otherwise no visible sulphides.							
	450	END OF HOLE.							
		DIP TESTS.							
		At 100' 90° corrected.							
		" 300' 88° "							
		" 450' 90° "							

PROPERTY HOLLINGER OPTION. HOLE NO. 6-71.

Hole No. 7-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing S. ON LINE Angle 65° Start Mar. 5th. '71 Finish Mar. 10th. '71 Date _____ By A.G.

Cordinates 950'S. ON ℄ LINE 18+00W. Elevation LAKE ICE. Casing _____ Tests At 130' AND 300'.

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	125	CASING.							
125	222	Peridotite - med. grey, med. to fine grained, abundant serp. filled fractures, variably magnetic throughout. Some gradational variation in grain size and colour. No visible sulphides. 139-143 fine laminar structure grades into fern-like structure Qtz. carb. vein at 143. 193 - fern-like structure well developed in somewhat lighter and med. to coarse grained rock. 193.5-197.5 - laminar structure well developed in grey-green med. to fine grained rock, and grades again into darker med. grained peridotite with serp. filled fractures Ground very blocky in part.							
222	272	Serp. Peridotite - Dark grey-green, med. grained highly serpentinized and variably talcose ('blocky') and highly fractured. N.B. rock contains abundant							

PROPERTY HOLLINGER OPTION. HOLE NO. 7-71.

Hole No. 7-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AK

Cordinates N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
222	272	variably sized amygdules of							
(CONTINUED).		dark green serp. – many with							
		light (talcose) alteration rims,							
		and some with light (talcose) core.							
		Weakly magnetic, no vis. min.							
272	301	As 222-272 above but amygdules							
		lacking.							
		286-293 somewhat darker and							
		finer grained and more massive.							
		293-301 – becoming coarser							
		and greenish, with much							
		fracturing – serp. + talc. Ground							
		very blocky. No vis. min.							
301	393	Serp. Peridotite – med. to dark grey,							
		med. grained, fairly massive,							
		weak to moderately magnetic.							
		Some short zones highly altered		DIP TESTS:					
		- serp., talc, fericite – occur		At 130' 70° corrected.					
		at 311, 315, 328-331, 333-338 – often		" 300' 68° corrected.					
		as shears at ~30° to core.							
		Otherwise little variation to bottom							
		of hole.							
	393	END OF HOLE – abandoned in							
		'sand' – i.e. very soft + crumbly							
		alteration material.							

PROPERTY HOLLINGER OPTION. HOLE NO. 7-71.

Hole No. B-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing S. ON LINE Angle 65° Start Mar. 12th '71 Finish Mar. 14th '71 Date _____ By AK

Cordinates 1000'S ON E. LINE 20+00W. Elevation LAKE ICE Casing _____ Tests At 130°

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	126	CASING.							
126	128	Boulders.							
128	280	Peridotite - med. to dark grey, med. grained, moderate to strongly magnetic. Abundant serp. filled fractures except where otherwise indicated. Some gradational variation in grain size and colour. No visible sulphides. 158-170 quite massive, but becoming more fractured and coarser (with serp. and talc) below 170. At 190' laminar structure. At 230 much highly altered and crumbly material - makes ground very blocky. Much serp. and talc, and highly fractured. Degree of alteration increases with depth with much alteration to clay minerals at ~260. Rock flour at 265. Alteration persists, particularly along fractures, to end of hole.		DIP TESTS: At 130' 64° corrected					
	280	END OF HOLE - abandoned in uncementable alteration material.							

PROPERTY HOLLINGER OPTION. HOLE NO. B-71.

Hole No. 9-71 DIAMOND DRILL LOG

FALCONBRIDGE NICKEL MINES LTD.

Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing S. ON LINE Angle 70° Start Mar. 17th '71 Finish Mar. 19th '71 Date _____ By AK.

Cordinates 1100'S. ON LINE 20+00W. Elevation ON LAKE ICE Casing _____ Tests At 170 — 68° corrected.

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	156	CASING.							
156	180	Serp. Peridotite — extremely blocky ground and very poor core recovery. Rock dark grey, med. grained and moderate to strongly magnetic. Much alteration material — serp., talc, clay minerals. No visible mineral.							
	180	END OF HOLE - abandoned in soft and crumbly alteration material.							

PROPERTY HOLLINGER OPTION. HOLE NO. 9-71.

Hole No. 10-71 DIAMOND DRILL LOG

FALCONBRIDGE NICKEL MINES LTD.

Property HOLLINGER OPTION.

Location FREDERICK HOUSE LAKE Bearing S. ON LINE Angle 65° Start Mar. 20th '71 Finish Mar. 24th '71 Date _____ By AK.

Cordinates 350'S ON E LINE 20+00W Elevation LAKE ICE. Casing _____ Tests At 100', 400'

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	57	CASING.							
57	61	Peridotite - Serp. Peridotite. Med. grey,							
		med. to dark grey, weakly magnetic.							
		Highly fractured, with occurrence							
		of serp. + some talc. Ground very							
		blocky and core recovery poor.							
		No visible sulphides.							
61	65	Laminar structure very well							
		developed.							
65	306.5	Peridotite - as 57-61. Becomes							
		somewhat coarser and lighter							
		~ 80-100. Much serp. along							
		fractures, ground blocky + recovery							
		poor. Occasional trace sulphides							
		visible.							
		Below 160 becomes less fractured							
		(more massive) but serp. and talc							
		still present. Chick. knack texture							
		occasionally developed over short							
		zones.							
		At 222 light and finer grained.							
		At 254-267 become light and							
		finer grained, much serp. and							
		looks ropey.							
		At 282-283.5 grey serpentinite							

PROPERTY HOLLINGER OPTION. HOLE NO. 10-71.

Hole No. 10-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AK.

Cordina[illegible] N. _____ E. _____ Elevation _____ Casing _____ Tests _____

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
65	306.5	as vein, and very fine sulphides							
(continues.)		visible along slips in the serp.							
		294-295 dark and strongly magnetic.							
		Calc. vein at 306.5							
306.5	314.	Laminar structure well developed							
		and grades into calcit. tracks.							
314	400	As 65-306.5 above. Much fracturing							
		and serp.							
		Calc. vein at 322.5.							
		326-338 calcit. tracks grading							
		into very well developed laminar							
		structure.							
		At 338 Fine grained, light grey							
		appears like well rounded 6x.							
		frags. in dark green matrix —							
		may be manifestation of alteration.							
		341-343 - calcit. tracks.							
		345-350 - Med. grey, med. to fine							
		grained, undulating serp. filled							
		fractures - impart 6x. appearance.							
		365-374 Somewhat darker &							
		strongly magnetic, sinuous texture.							
		Grades into serpentinite at 374-377							
		dark grey-green with flecks of							
		talc, weakly magnetic.							

PROPERTY HOLLINGER OPTION. HOLE NO. 10-71.

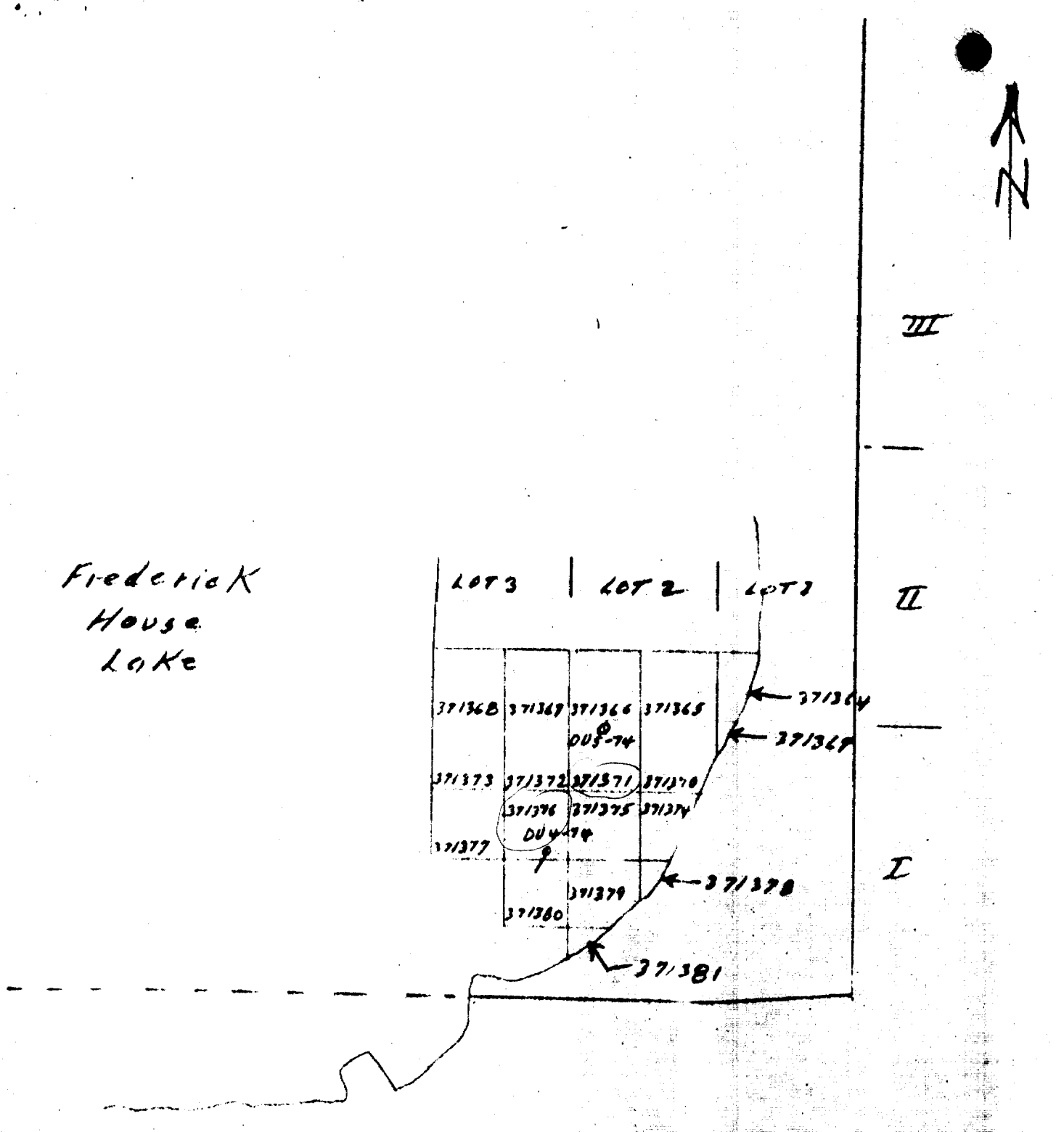
Hole No. 10-71 DIAMOND DRILL LOG **FALCONBRIDGE NICKEL MINES LTD.** Property HOLLINGER OPTION.

Location _____ Bearing _____ Angle _____ Start _____ Finish _____ Date _____ By AG.

Cording N. _____ E. _____ Elevation _____ Casing _____ Tests _____

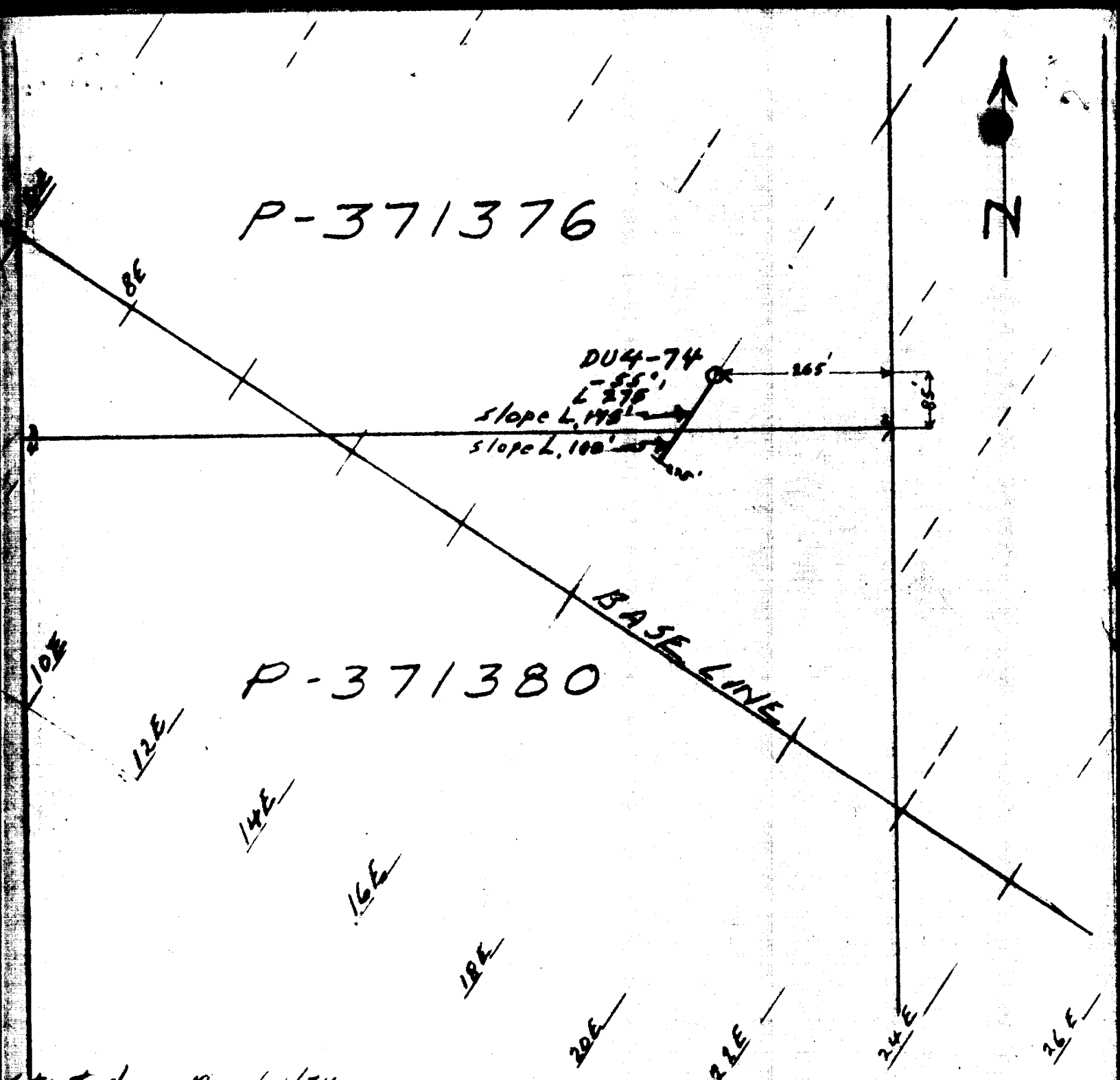
From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
314 (continued)	400	378-391 laminar and chick. track structure well developed. Below 391 becoming darker and more strongly magnetic (as 365-374 above) to end of hole.							
	400	END OF HOLE.							
		DIP TESTS.							
		At 100' 66° corrected							
		" 400' 64°31' "							

PROPERTY HOLLINGER OPTION. HOLE NO. 10-71



GROUP SKETCH- 18 CLAIMS
Dundonald TWP.
Scale- 1 = ½ mi.

W. H. Hansen
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO



Started - March 1/74
Finished - March 10/74
Bradley Bros. Ltd.
Wire Line A-Q Core

PLAN OF DDH # DU4-74

CLAIM P-371376 & 371380
Dundonald TWP.
Scale-1"=200'

W. H. Hansen
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO

Location of Collar from N 26 Blk of P 371376 North 65', West 265'

FORM S22

DIAMOND DRILL REPORT

NORTH 4+00 N (South Grid)
EAST XL 16+00 E
ELEV.
AZIM. Grid South (214° True)
DIP Collar: -55°

PROPERTY DUNDONALD TWP. GROUP #1
AQ Core Claim P 371376 & 371377

HOLE NO. DU-4-74
COMMENCED March 1, 1974
FINISHED March 10, 1974
PURPOSE OF HOLE Test EM anomaly

Drilled by Bradley Bros.

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0'	244'	Casing - Overburden.	244'	250'	2.4'	6'		
244		SERPENTINIZED(?) DACITE - fine-grained, dark green to dark grey; fine spinifex (or 'chicken track') texture apparent under lens - consisting of narrow black blades (up to 1/8" long) of olivine(?) oriented in radiating aggregates and random crude wob-like patterns in a matrix composed largely of pale green very fine-grained dacite; olivine blades dissect dacite in places yielding a tuffaceous 'look'; medium soft; non-magnetic; non-carbonated; well-broken with considerable ground and lost core; some very fine disseminated sulphides (mostly pyrite).						
250	265	Lost Core - a handful of chips here from 260 to 261 which still seems to be the serpentinized dacite but it is difficult to say exactly where they come from.						
265	275	Core very strongly broken and ground, to a serpentinite. The rock is very fine grained, dark green to blackish in colour. A couple of specks of magnetite						

FORM S22

NORTH
EAST
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP. GROUP #1

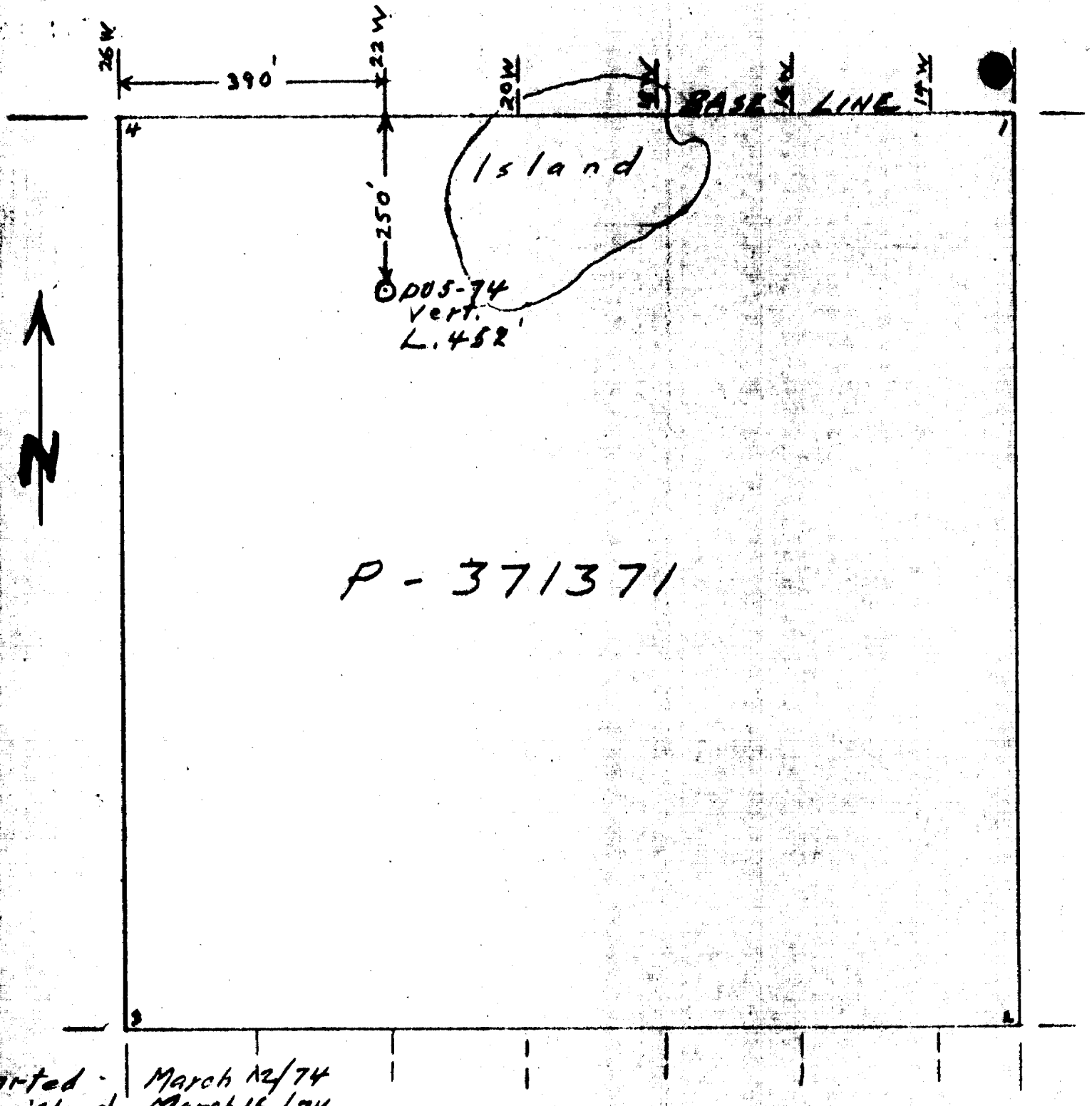
HOLE NO. DU-4-74

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	CORE SAMPLES TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		were noted here which pull the magnet						Grab Samples
		but generally the core does not seem						
		to be too strongly magnetic. The rock		@ 265				Serpentinite.
		is so fine grained that no compositional		@ 270				Serpentinite.
		minerals can be megascopically deter-		@ 275				Serpentinite.
		mined.						
		Some lost core - 266.9 to 268.7, 270.3 to						
		270.9 and 273.7 to 274.2.						
		After several attempts at cementing plus						
		very blocky ground, the hole was						
		abandoned at 275.						
	275	END OF HOLE.						
	@ 271.2	Sample for Peter Price - ultrabasic -						
		serpentinite.						

Dave R Alexander

[illegible] MINES LIMITED
TIMMINS, ONTARIO



Started - March 12/74
Finished - March 16/74
Bradley Bros Ltd.
Wire Line A-Q Core

PLAN OF DDH DUS-74

CLAIM P371371
Dundonald TWP.,
Scale 1" = 200'

W H Hansen
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO

Location of Collar from #4 post of P 371371 East 390' South 250'

FORM 522

NORTH XL 221 @ 2+50
EAST South of B.L.
ELEV.
AZIM.
DIP 90° @ 200' - 87.5°

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP. GROUP #1
Claim P-371371

HOLE NO. DU1-5-74
COMMENCED March 12, 1974
FINISHED March 16, 1974
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0'	15'	Overburden and Lake (20' casing).						
15'	20'	Large Casing Core. Grey dacite.	15	20		5		Minor sulfides.
20	176	Massive grey dacite - tension fractures	20	21		1		Dacite + fractures with fine pentlandite.
		with green serpentine, bluish alteration	21	23		2		Fractures blue grey app. with serp. strs.
		fine dusty pentlandite. Locally a few	23	25		2		Dacite bx - fine blue grey alt. with fine pentlandite.
		breccia fragments.						
		25-50 - massive fract. dacite.	25	30		5		A little bluish alt. in massive dacite.
		Locally minor breccia.	30	35		5		Minor sulfides V.L. alt.
		50-75 - weakly brecciated.	35	40		5		" " " "
			40	45		5		" " " "
		75-115 - Incr. in grain size -	45	50		5		" " " "
		speckled appearance. Incr. in bluish	50	55		5		" " " "
		alt. and strongly brecciated and	55	60		5		" " " "
		fractured.	60	65		5		" " " "
			65	70		5		" " " "
		100-115 - fragmental dacite bx?	70	75		5		" " " "
		Fragments up to ½" in dia. Cut by white	75	77		2		Incr. in bluish alt. fine sulph
		calcite strs. at 80° to C.A. V.L.	77	80		3		" " " "
		pentlandite.	80	82		2		" " " "
			82	85		3		" " " "

FORM 522

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP. GROUP #1

HOLE NO. DU1-5-74

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
			85	87		2		Bluish alt. fine sulfides
			87	90		3		" " " "
		115-175 - speckled mass. fract.	90	92		2		" " " "
		dacite. Local breccia.	92	95		3		" " " "
			95	97		2		V.L alt. less sulfides
			97	100		3		" " " "
176	331	Speckled dacite, very white pheno-	100	105		5		" " " "
		crysts of feldspar up to 1/20" in length.	105	110		5		" " " "
		Green serp. strs. Locally cut by white	110	115		5		" " " "
		calcite strs. Local breccia.	115	120		5		" " " "
			120	125		5		" " " "
		From 275 to 300 - green in color -	125	130		5		" " " "
		incr. in serp. Feldspar phenocrysts	130	135		5		" " " "
		becoming indistinct in appearance.	135	140		5		" " " "
			140	145		5		" " " "
			145	150		5		" " " "
			150	155		5		" " " "
			155	160		5		" " " "
			160	165		5		" " " "
			165	170		5		" " " "
			170	175		5		" " " "
			210	215		5		White cal. vein at sm angle to C.A.
			280	282		2		White cal. str. diss sph. str at sm angle to C.A.

FORM 522

NORTH
EAST.
ELEV.
AZIM.
DIP

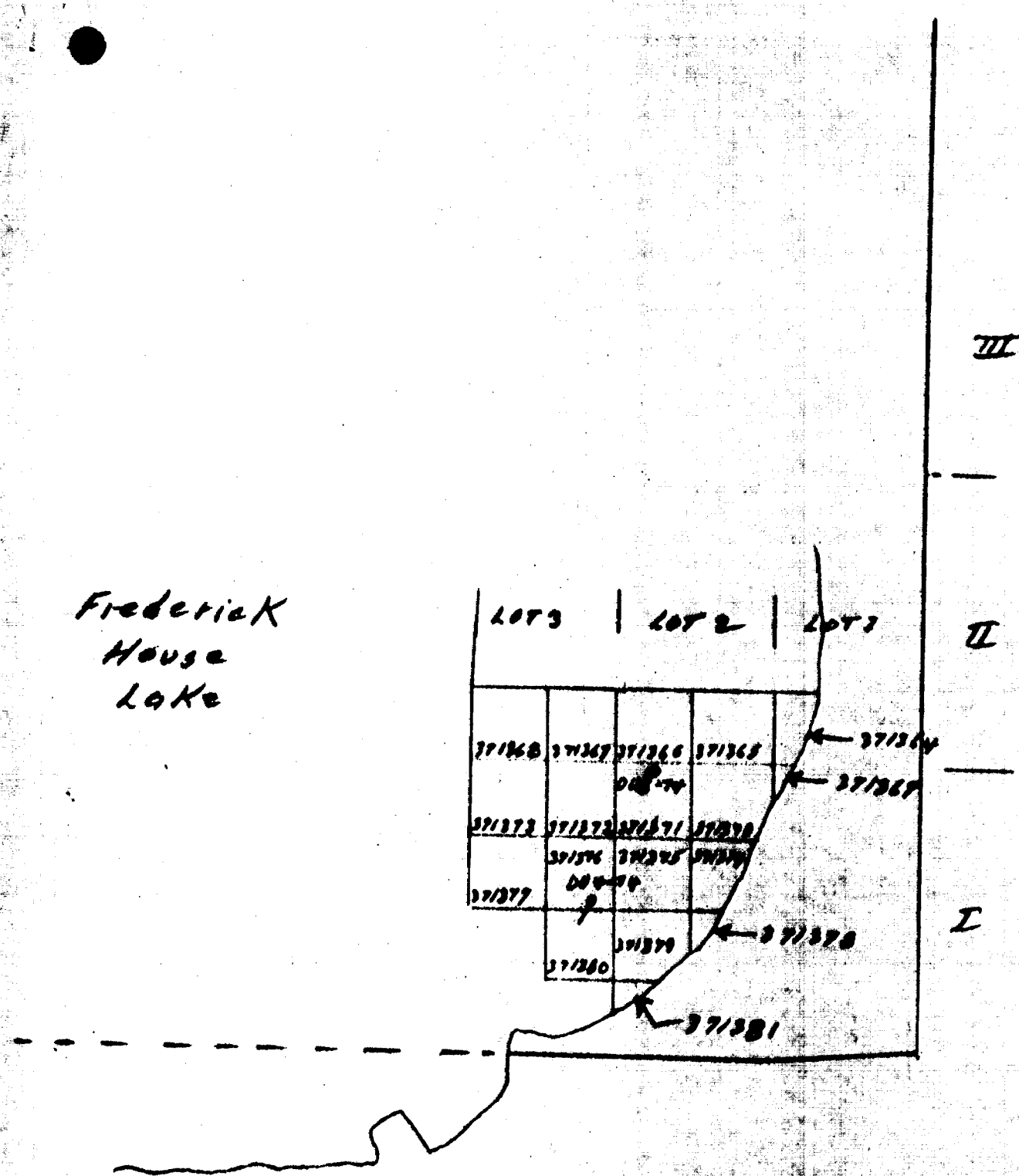
DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP. GROUP #1

HOLE NO. DU1-5-74

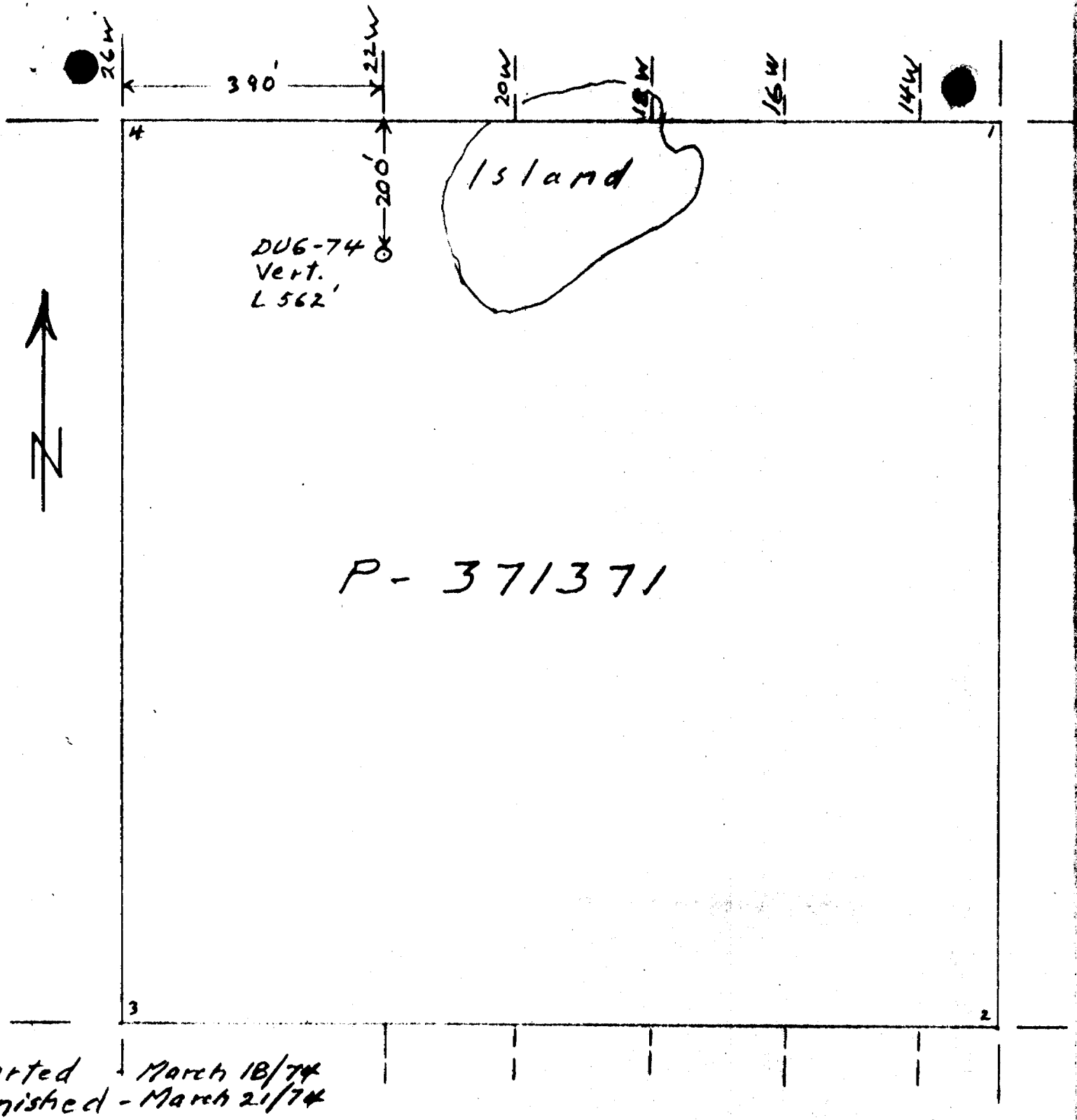
COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
331	375	Gradational change to carb. rosettes in mass. green dacite? Fault zone with bluish qtz-cal. stringers from (350 - 375).	299	300		1		White cal. vein cut by sm blue qtz str.
			350	355		5		20% strs.
			355	360		5		Strs. breccia, 60% at sm angle to C.A.
375	452	Serpentinized Serpentinite with spinaflex str. and rosettes of carb. strs of carb. and green serp. strs.	360	365		5		Strs. breccia, 60% at sm angle to C.A.
			365	370		5		20% qtz-cal. strs.
			370	375		5		30% bluish qtz-cal. strs.
		452' - End of Hole.						



GROUP SKETCH- 18 CLAIMS
Dundonald TWP.
Scale- 1" = ½ mi.

W. H. Hansen
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO



Started - March 18/74
Finished - March 21/74
Bradley Bros. Ltd.,
Wire Line - AQ Core

PLAN OF DDH DU6-74

CLAIM P.371371
Dundonald TWP.
Scale-1" = 200'

W H Hansen
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO

Location of collar from 41ost of P-371311 South 200'

FORM S22

DIAMOND DRILL REPORT

NORTH XL 22W @ 2+00S
EAST
ELEV.
AZIM.
DIP Vertical

PROPERTY DUNDONALD TWP. GROUP #1
Claim P-371311

HOLE NO. DU-6-74
COMMENCED March 18, 1974
FINISHED March 21, 1974
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	22	Casing.						
22	31.3	Spherulitic dacite, highly fractured - no visible mineral.						
31.3	42.4	Speckled dacite, gradational contact.						
42.4	68	Mass. dacite with short speckled section to 68'.						
68	80	Massive speckled dacite, gradational contact at 80' with 4 ft. of chilled contact.						
80	385	Massive light green dacite with spherulitic pillow margins.	175	180		5		Fractured dacite bx
			180	185		5		" " "
		From 100 to 125 - white calcite strs @ 80° to C.A. At 115' pillow margin @ 20° to C.A. No mineral in section except for minor grains of pentlandite in the occasional pillow margin.	185	190		5		Pillow margins (sm angle to C.A
			190	195		5		Sph. Pillow Margins.
			195	200		5		" " "
		From 175 to 275 - spherulitic serpentinized pillow margins throughout section. Spherules up to ½" in dia. @ 15° to C.A.	215	220		5		Fractured dacite bx.
			250	251		1		1' serp. pillow margin.
		275-375 - still in pillowed dacite, occasional spherulitic pillow margin.	295	300		5		Bluish alt. 1 pillow margin.
		Local 2' breccia sections with adjoining weakly brecciated zones throughout section.						

FORM S22

NORTH
EAST
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY DUNDONALD TWP. GROUP #1

HOLE NO. DU-6-74 2.

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
385	440	Mass. Spk. dacite.	480	482		2		Qtz cal strs with sph.
			482	485		3		30% irregular strs
440	460	Mass. fractured dacite, gradational	485	487		2		20% " "
		contacts.	487	490		3		5% " "
			490	492		2		Fault zone strs at sm angle to C.A.
460	480	Spk. massive dacite.	492	495		3		" " " " " " "
			495	497		2		5% strs.
480	538	Incr. in serp. and qtz-cal strs	497	500		3		30% qtz-cal strs.
		in massive dacite; strs on contact.	500	502		2		6" qtz breccia spk. carb. Serp.
538	562	Serpentinized Serpentinite with						
		chicken track structure - bluish colour	525	530		5		2' qtz-cal bx 3' cal. strs.
		to core with small carb. rosettes.	530	532.5		2.5		80% qtz-cal bx.
			532.5	535		2.5		5% sm strs.
			535	540		5.0		Cal. strs. + qtz-cal strs.
		562' - END OF HOLE.						2' maybe serpentinite?
			560	562		2.0		Serp. with strs for Ni
								background.

HOLLINGER MINES LIMITED
TIMMINS, ONTARIO