

09152

DIAMOND DRILL RECORD

PROPERTY Bruce Lake Mines, Y.T.
 LOCATION: LAT. Line 24 W - 93' South of base line
 DEP. _____
 ELEVATION OF COLLAR 3' approx. above lake
 DATUM _____
 DIRECTION AT START: BEARING N 15 E
 DIP 43 deg.
 LOGGED BY N.H.C. Fraser HOR. COMP. _____
 PURPOSE OF HOLE _____ VER. COMP. _____

TESTS

Ft.	Dip.	Ast. Bearing	Ft.	Dip.	Ast. Bearing	Core	
						Ft. Received	p.c. Recovery

HOLE NUMBER D.D.H. 1
 SHEET NO. 1
 SECTION FROM _____ TO _____
 STARTED May 10, 1966
 COMPLETED May 13, 1966
 ULTIMATE DEPTH 297'
 PROPOSED DEPTH _____

DRILLED BY Arsenault Diamond Drilling Limited

HONEY PRINTING SERVICE, TORONTO-4804

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS					
From	To					Au.	Ag. Oz/ton	Pb. %	Zn. %	Cu.	Ave.
0	45	Overburden	Casing in Overburden								
45	62	Gabbro - Pyroxenite	Brecciated and altered basic intrusive; mica, chlorite and serpentine developed; scattered patches of pyrite								
62	92	Sediments	Strongly brecciated siliceous sediments 63.5' to 66'; banding 45 deg. to core axis at 68'; muddy broken core 82.5 - 87.5 - Lost core 69 - 80'								
		6	80 - 82.5 sample covers 2' of core before 82' mark and 6" beyond it; highly fractured, locally brecciated siliceous rock with seams and patches of pyrite	27	2.5	Tr.	Tr.				
			88 - 92 Similar above sample but with white quartz veining dark grey siliceous sediments; pyrite in seams and patches with some disseminated	28	4.0	nil	Tr.				
92	96	Basic intrusive (?)	Highly fractured dark rock probably a basic intrusive; Lost core 2.5' in section								
96	103	Sediments	Grey siliceous sediments; fractured with greenish slip surfaces; banding less than 45 deg. to core axis; at 103' banding is at 30 deg.								
103	143	Pyroxenite	Altered pyroxenite; two sections 1.3' at 124.7' and .75' at 131.3' are relatively fresh in appearance; some fine pyrrhotite								
143	147	Sediments	Brecciated siliceous sediments with some pyrite and graphite <u>143 - 147</u> as above	29	4.0	Tr.	Tr.				
147	196	Pyroxenite	Brecciated altered pyroxenite; several small patches of green fluorite (?) at 176 - 177; gauge sections at 185' and 195' in soft dark green to black chloritic (?) rock.								

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PROPERTY Bruce Lake Mines, Y.T.

DIAMOND DRILL RECORD

SHEET NO. 2 HOLE NUMBER 1

HONEY PRINTING SERVICE, TORONTO-4604-2

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS					
From	To					Au.	Ag.	Pb.	Zn.	Cu.	Ave.
196	266	Sediments	Grey siliceous sediments, brecciated; some quartz veinlets and 203 - 204 may be vein quartz. <u>Lost core:</u> 204 - 224 No core and bit lost 220 - 224 224 - 232 only 1' piece of cherty rock 232 - 266 only a few small fragments of dark siliceous sediments recovered <u>Sludge Samples:</u> 232 - 246 246 - 256 256 - 262 262 - 266 197 - 203 Brecciated siliceous rock dark grey to black with some pyrite and graphite								
				18	14	nil	Tr.				
				19	10	nil	Tr.				
				20	6	nil	0.20	nil	0.11		
				21	4	nil	0.22	nil	0.10		
				30	6	Tr.	Tr.				
266	268	Basic Intrusive(?)	Soft greenish section possibly altered basic intrusive								
268	297	Sediments	From a few pieces of core this section appears to be dark grey siliceous sediments with graphitic sections. <u>Lost core:</u> 268 - 276 no core 276 - 290 a few small pieces of core recovered 290 - 292 siliceous rock with sugary texture in 3 small pieces 292 - 297 no core <u>Sludge Samples</u> 266 - 276 276 - 286 286 - 290 290 - 292 292 - 297								
				22	10	nil	Tr.				
				23	10	Tr.	Tr.				
				24	4	nil	Tr.				
				25	2	nil	Tr.				
				26	5	nil	Tr.				
			END OF HOLE								

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PROPERTY Bruce Lake Mines, Y.T.
 LOCATION: LAT. Line 26 W - 41' S of base line
 DEP. and 5' east
 ELEVATION OF COLLAR 25' approx. above lake
 DATUM _____
 DIRECTION AT START: BEARING N 15 E
 DIP 43°
 LOGGED BY N.H.C. Fraser HOR. COMP. _____
 PURPOSE OF HOLE _____ VER. COMP. _____

DIAMOND DRILL RECORD

TESTS

Ft.	Dip.	Ast. Bearing	Ft.	Dip.	Ast. Bearing	Core	
						Ft. Received	p.c. Recovery
400'		43 deg. measured on tube very weak acid used hence little or no correction necessary					

HOLE NUMBER 2
 SHEET NO. 1
 SECTION FROM _____ TO _____
 STARTED May 14/66
 COMPLETED May 18/66
 ULTIMATE DEPTH 403'
 PROPOSED DEPTH _____

DRILLED BY Arsenault Diamond Drilling Ltd.

HONEY PRINTING SERVICE, TORONTO—4604

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS								
From	To					Au.	Ag.	Pb.	Zn.	Cu.		Ave.		
0	84	Overburden	Casing - overburden to 80' and 4' in broken bedrock				oz/ton		%					
84	96.5	Diorite or gabbro	Commences with 1' fine grained dark green rock grading to coarser greenish rock showing lath shaped hornblende crystals; at 95' grades to fine grained dark green rock; contact at 30 - 35 deg. to core axis; appears to be dike or sill with chilled margins.											
96.5	143	Sediments	Light to dark grey siliceous sediments with pyrite in thin seams or patchy locally and very finely disseminated generally; graphite on slip surfaces and also finely disseminated in places; from 108.5' to 120' sediments very light grey to nearly white; from 120' sediments dark grey with some dark amphibole crystals; at 99' and 107' banding at very low angle to core axis; at 108.5' banding 30 deg. to core axis and between 138 and 142 at about 70 degrees.											
			<u>Lost Core</u>											
			110.5 - 112 at least 1.0'	127 - 128	At least 0.5									
			112 - 114 " "	128 - 130	" 1.5									
			118 - 119 " "	130 - 133	" 2.5									
			120 - 122 " "	133 - 134	" 0.5									
			122 - 124 " "	135 - 127	" 0.5									
			124 - 127 " "		2.5'									
			<u>Sludge Samples</u>											
			110 - 115	1	5	nil	0.36	nil	0.02					
			115 - 120	2	5	nil	Tr.	-	-					
			120 - 125	3	5	nil	0.26	Tr.	0.10					
			125 - 130	4	5	nil	Tr.	-	-					
			130 - 135	5	5	nil	0.20	nil	0.13					
			135 - 140	6	5	nil	Tr.	-	-					

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DIAMOND DRILL RECORD

PROPERTY Bruce Lake Mines, Y.T.
 LOCATION: LAT. Line 24 W - 263 North of base line
 DEP. _____
 ELEVATION OF COLLAR 75' approx. above lake
 DATUM _____
 DIRECTION AT START: BEARING S15W
 DIP 63 deg.
 LOGGED BY N.H.C. Fraser HOR. COMP. _____
 PURPOSE OF HOLE _____ VER. COMP. _____

HOLE NUMBER D.D.H. 3
 SHEET NO. 1
 SECTION FROM _____ TO _____
 STARTED May 19, 1966
 COMPLETED May 22, 1966
 ULTIMATE DEPTH 127'
 PROPOSED DEPTH 300' plus

TESTS

Ft.	Dip.	Ast. Bearing	Ft.	Dip.	Ast. Bearing	Core	
						Ft. Received	p.c. Recovery

DRILLED BY A. Arsenault Diamond Drilling Ltd.

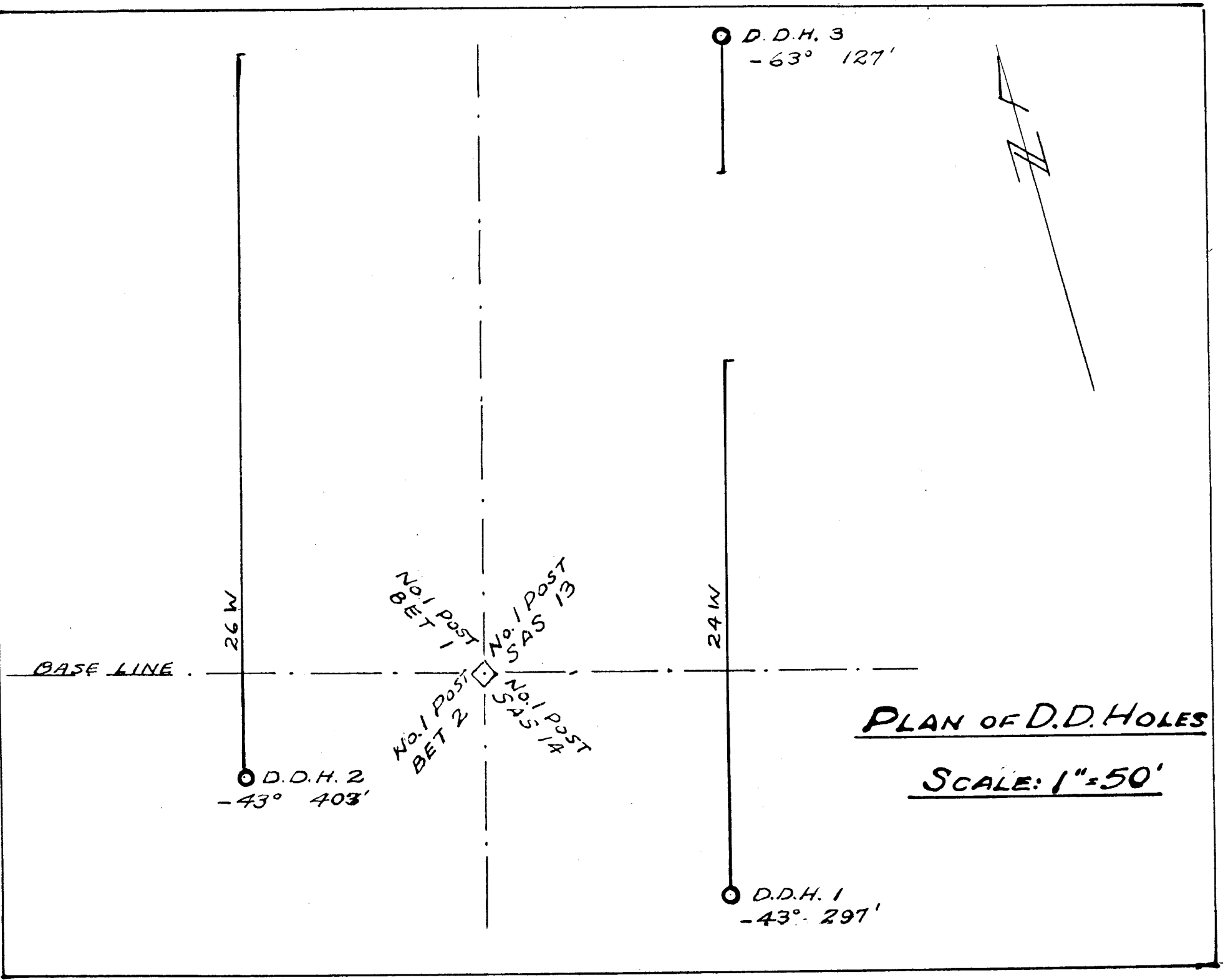
HONEY PRINTING SERVICE, TORONTO—4604

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS					
From	To					Au.	Ag.	Pb.	Zn.	Cu.	Ave.
0	99	Overburden	Due to wearing out of the casing shoe and binding of the casing in several large boulders through which it passed the hole could be cased to 56' only. Drilling continued ahead of the casing to bedrock at 99'. The hole was then cemented to prevent caving of the overburden and enabled it to be drilled to 127 where bad caving ultimately forced its abandonment.								
99	127	Pyroxenite	Commences with rock having brecciated appearance - grey angular fragemtns in a dense black matrix; gradation into dark grey to nearly black medium grained crystalline basic rock which probably is a phase of the pyroxenite								
			END OF HOLE								

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D.D.H. 3
- 63° 127'

D.D.H. 2
- 43° 403'

D.D.H. 1
- 43° 297'

No. 1 Post
BET 1
No. 1 Post
BET 2
No. 1 Post
BET 3
No. 1 Post
BET 4

PLAN OF D.D. HOLES

SCALE: 1" = 50'