Diamond Drilling

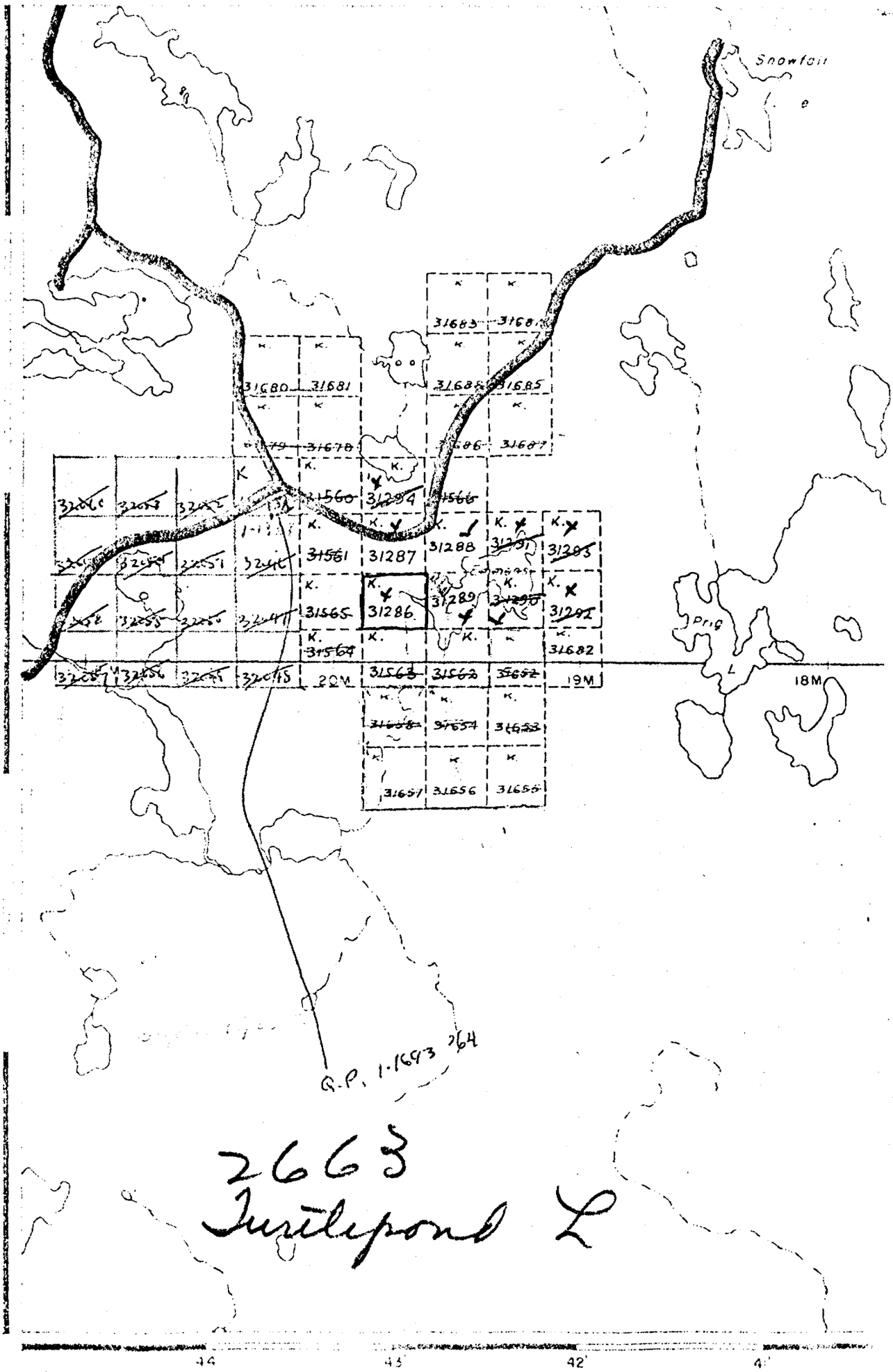
Area of TURTLEPOND LAKE

Report Nº 10

Work performed by: P.A. Lantz

Claim Nº	Hole Nº	Footage	Date	Note
K 31286	1	48.0'	Aug/60	
	2	32.0'	Aug/60	
	3	25.0'	Aug/60	
	4	21.0'	Aug/60	
	5	40.0'	Aug/60	
	6	44.0'	Aug/60	
	7	38.0'	Aug/60	
	8	46.0'	Aug/60	
	9	48.0'	Aug/60	
	10	27.0'	Aug/60	

Notes: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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 1

SHEET NUMBER 1 SECTION FROM 0 TO 25' STARTED Aug. 2/60

LATITUDE 6W DATUM COMPLETED Aug. 3/60

DEPARTURE 0 BEARING ULTIMATE DEPTH 25'

ELEVATION 9½' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $ Cu	SLUDGE GOLD $ Ni			
0 - 10 "	Diorite with some qtz eyes. Sparse diss. ch & Po							
10'-1'9½"	Diorite, slightly finer grained. 15-20% Po. with some ch.							
1'9½"-2'½"	Qtz. diorite with sparse fine diss. ch.							
2'½" -3'	Diorite with 10-15% sulphide, Po. with some coarse streaks of ch.							
3' - 3'8"	Qtz. diorite with sparse fine diss. ch.							
3'8" -5'0"	Diorite with 10-15% sulphides, Po. & Ch. 50-50	54	0-5'	.66	.93			
5'0" -5'8"	Quartz-eye fine grained dyke? with fine diss. dube pyrite					Cu. 1.02		Ni. 1.34
5'8" -9'2½"	Diorite with 18-23% Po with ch. Heavy at 7'10"-8'1"							
9'2½" -13'½"	Diorite slightly finer grained, 10% Po and ch.	55	5'-10'	.81	1.76	17.2'		
13½ -17'2½"	Diorite 20-25% Po with ch. 1" massive	56	10-17.2'	1.41	1.34			
17'2½"-17'11"	Porphyry dyke, feldspar phenocrysts Sparse diss. pyrite							
17'11" -19'4"	Greenstone or fine grained diorite -Sparse pyrite							
19'4"-25'0"	Porphyry as above. - Slightly coarser							

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY P.A. Lantz SIGNED S.V. Burr

DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 1

SHEET NUMBER 2 SECTION FROM 25 TO 48 STARTED Aug. 18/60

LATITUDE _____ DATUM _____ COMPLETED Aug. 19/60

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 48

ELEVATION _____ DIP Vertical PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	Cu.	Ni.		
25 - 26.3	Granite Porphyry								
26.3 - 31.0	Quartz diorite, med. to coarse grained								
	Numberous coarse chalco. patches. Some Po. -								
	Averaging about 15%							Cu.	Ni.
310-36.3	Diorite, med. to fine grained. Variable	58	26'3"-32.0"	1.01	0.96			.80	.85
	diss. mineral, averaging 15-20%	59	32'.0"-37'9"	0.58	0.73			11½'	
36.3 - 48.0	Qtz. diorite, coarse grained								
	36.3 - 37.7 - splashes of chalco. 7%-10%								
	37.7 - 48.0 - sparse to negligible mineral								
	43.5 - two 2" -3" dark dykes, approx. 45° to core								
	Similar to fine grained gabbro of other holes.								

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 2

SHEET NUMBER 1 SECTION FROM 0 TO 32' STARTED Aug. 3/60

LATITUDE 18' W DATUM COMPLETED Aug. 4/60

DEPARTURE 24' N BEARING ULTIMATE DEPTH 32'

ELEVATION 7½' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	%Cu.	SLUDGE Au oz.
0 - 5"	Granite Porphyry. Contact at 35° to core				
5" - 1'0"	Diorite, med. grained 5% sulphides. Contact irregular				
1'0 - 1'6"	Coarse diorite. Coarser sulphides, 5%				
1'6" - 2'6"	Diorite, med. gr. Sparse sulphide grading into coarser diorite at 2'				
2'6" - 10'0"	Diorite, fine to med. gr. or gabbro variable diss. mineral, averaging 7%	67	2.6-10.0	0.35	0.22
10'0" -11'0	Coarse diorite, variable coarse sulphides				
11'0" -14'6"	Diorite, fine to med. grained (some gabbro?) increasing sulphides, 10% in last 1½'	68	10.0-14.5	0.73	0.34
14'6"-20'2"	Mixture of fine & coarse diorite, with some heavy streaks of sulphides at various intersections Average, about 5%	69	14.5-20.2	0.33	0.24
20'2"-24'4"	Coarse diorite, with some cream coloured feldspar Sparse mineral.				
24'4"-26'1"	Andesite, with some sparse fine mineral, mainly pyrite.				
26'1" - 32'	Coarse quartz diorite with some greenstone inclusions				
30'7"	Granite porphyry, 2", barren dyke, Contacts 45° to core.				

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 3

SHEET NUMBER 1 SECTION FROM 0 TO 25' STARTED Aug 4/60

LATITUDE 36 E DATUM COMPLETED Aug. 6/60

DEPARTURE 2' S BEARING ULTIMATE DEPTH 25'

ELEVATION 16' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
0 - 3'7"	Diorite, fine grained. 1'7"-3'7", 10% diss. sulphides. ¼" qtz., 40° to core, at 1'				
3'7" - 4'6"	Andesite. sparse fine mineral				
4'6" -10'6½"	Diorite, fine grained. Some fragments of Andesite in first 8"				
	5'8" - 6'8" - 10% diss. sulphides				
	9'4" - 9'8" - coarse diorite with 10% sulphides in streaks, Contacts at 40° - 45° to core.				
	10'0" - 10'6½" - 7% diss. sulphides				
10'6½"-11'5"	Andesite, sparse fine mineral				
11'5" -16'0"	Diorite, fine grained. Variable mineral in streaks and disseminated. Heaviest dissemination, 20%, at 14'-10½" -15'1½"				
	13'3" - 1" coarse diorite, 45° to core.				
	13'5½" -1" qtz. stringer, 45° to core.				
16'0" -25'0"	Quartz diorite grading into diorite in last two feet. Course grained. Sparse mineral				
	23' -25' - Core dropped. Lost.				

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 4

SHEET NUMBER _____ SECTION FROM 0 TO 21 STARTED Aug. 6/60

LATITUDE 73' E DATUM _____ COMPLETED Aug. 7/60

DEPARTURE 5'5 BEARING _____ ULTIMATE DEPTH 21'

ELEVATION 13' DIP Vertical PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0 - 21'	Quartz diorite porphyry. Negligible mineral. Some suggestion of vertical contact with diorite between 2' - 3'						
	16'11" - 17'8" - Cream coloured aplite? dykes with upper contact about 40° to core. Some sparse diss. chalco.						
	19'10" - 20'7" - Similar dykes with contacts 45° to vertical.						

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DRILLED BY P. A. Canty SIGNED S. V. Bacon

DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 1

SHEET NUMBER 1 SECTION FROM 0 TO 40' STARTED Aug. 7/60

LATITUDE 65½' E DATUM COMPLETED Aug. 8/60

DEPARTURE 13' N BEARING ULTIMATE DEPTH 40'

ELEVATION 9 3/4' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD Cu.	SLUDGE GOLD		
0 - 5' 6"	Diorite, fine fr. sparse fine diss. min.						
5'6" -6'6"	Qtz. Diorite, coarse grained. Contacts 40° and 80° respect. Some fine mineral						
6'6" - 7'4½"	Diorite, coarse grained. Well mineralized 15 - 20%. Contacts 80° to core	57	6.5-16.5	0.38	0.17		
7'4½" -8'0"	Qtz. diorite, coarse grained, sparse min. Contacts 80° to core.						
8'0" -19'5"	Diorite, fine gr. erratic diss. mineral averaging, 10% up to 16'6", less mineral to bottom						
19'5"-20'8"	Aplite dyke, cream coloured. Some copper mineral 45° & 65° respectively						
20'8" -30'7"	Diorite, fine to med. with patches of coarser diorite. Sparse diss. mineral to 24' 10"	62	24'10"-30'5½"	0.37	0.40		
	22'2" - ½" qtz. stringer, 45° to core, with chalco, 24'10" - 30'7" - variable Po. & Chalco averaging 15%. 28'6" - 3" massive sylphude						
30'7" - 40'	Coarse diorite, with some gabbroic phases. Negligable mineral. Upper contact 20° to core.						

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 6

SHEET NUMBER 1 SECTION FROM 0 TO 44 STARTED Aug. 8/60

LATITUDE 86' E DATUM COMPLETED Aug. 9/60

DEPARTURE 40' N BEARING ULTIMATE DEPTH 44'

ELEVATION 1 ½ ' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $ Cu.	SLUDGE GOLD $ Ni.
0 - 17' 6"	Andesite, sparse to negligible, fine diss. sulphides				
	14'4" - 15'5" - Aplite dyke, cream coloured.				
	Lower contact 50° to core.				
17'6" - 17'11"	Porphyry dyke, silicious. Contacts 50° -60° to core.				
17'11"-23'6"	Diorite, generally med. grained. Negligible mineral				
	20'2" - 20'7" - coarse diorite 55° to core.				
23'6" -24'7"	Andesite. Sparse fine diss. mineral				
24'7" -31'0"	Diorite, med. grained. Well mineralized, 15-20% average. Heavy mineral around 29 feet.	63	24'7"-31'0"	0.45	0.28
31'0" - 33'2"	Granite, fine grained. Contacts 40° to irregularly parallel to core.				
33'2" - 33'5"	Diorite, med. grained, 5% diss. mineral				
33'5" - 35'8"	Andesite, fine fracturing 3-5% fine diss. mineral. Qtz.-biotite stringer down core at 34'				
35'8" - 39'0"	Diorite, med. grained 5-7% diss. mineral.				
39'0" - 40'0"	Andesite, negl. mineral. Contacts about 90°				
40'0" - 43'11"	Qtz. diorite, coarse. Negl. mineral				
43'11" -44'	Aplite cream coloured.				

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 7

SHEET NUMBER 1 SECTION FROM 0 TO 38 STARTED Aug. 9/60

LATITUDE 144 ' E DATUM COMPLETED Aug. 15/60

DEPARTURE 0 BEARING ULTIMATE DEPTH 38 '

ELEVATION 8 ½ ' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0 - 4' 4"	Diorite or andesite. Fine grained, fine fracturing. Negligible mineral, lower contact 75° to core.						
4.4' - 6.7'	Andesite. Fine fracturing. Neg. mineral						
6.7' - 7.2	Diorite. Coarse grained. Contact lower core						
7.2 - 8.1	Andesite as above.						
8.1 - 12.5	Diorite and quartz diorite. Coarse grained Upper contact down core. One or two small concentrations of sulphides. Lower contact 35°						
12.5 - 13.4	Mixed fine & coarse diorite as above.						
13.4 - 14.1	Aplite dyke. Contacts 35°. Heavy mineral in siliceous upper section.						
14.1 - 29.4	Diorite to gabbro. Fine grained. Scattered low percentage diss. mineral. 17.5 - 3/4" aplite dyke, 40° to core. 28.8 - coarse diorite 40° to core.						
29.4 - 35.5	Andesite. Fine fracturing with alteration at various angles. Most contacts and much fracturing at around 75° to core. Some recrystallization to diorite suggested.						
35.5 - 38.0	Ground core with 1 " aplite at bottom.						

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DRILLED BY P. A. Lant

DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 8

SHEET NUMBER 1 SECTION FROM 0 TO 46 STARTED Aug. 15/60

LATITUDE 36' W DATUM COMPLETED Aug. 17/60

DEPARTURE 0 BEARING ULTIMATE DEPTH 46 '

ELEVATION 6.5 ' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0 - 5.6	Qtz. diorite to diorite, coarse grained. Lower contact irregular.						
5.6 - 8.2	Diorite, fine grained. Patches of coarse diorite. Lower contact 75° sharp.						
8.2 - 12.5	Diorite, med.-coarse gr. Lower contact vague, about 50° - 70°						
12.5 - 22.7	Granite porphyry. Lower contact 45° . 13.0 - 18.0 - ground core * 18.0 - 18.3 - fine grained diorite to gabbro * Ground core probably the diorite-gabbro.						
22.7 - 25.6	Diorite, coarse grained						
25.6 - 30.6	Andesite. Scattered fine fracturing, often near 90°. Lower contact about 75° - 80°						
30.6 - 42.3	Qtz. diorite, coarse grained.						
42.3 - 43.8	Andesite, contacts irregular.						
43.8 - 46.0	Qtz. diorite, coarse grained.						

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 9

SHEET NUMBER 1 SECTION FROM 0 TO 48 STARTED Aug. 16/60

LATITUDE 36 ' W DATUM COMPLETED Aug. 17/60

DEPARTURE 0 BEARING S 31° E ULTIMATE DEPTH 48'

ELEVATION 6.5 ' DIP 45° PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD & Cu.	SLUDGE Ni. &			
0 - 10.9	Qtz. diorite to diorite. Coarse grained. Lower contact about 70°							
	5.4' - 3" fine grained altered diorite about 45° to core.							
	10.5' - 3" granite porphyry dyke 35° to core.							
10.9 - 13.9	Diorite, fine grained. Some small patches of coarse diorite.							
13.9 - 24.6	Granite porphyry. Upper & lower contact 50°							
	16.0' - 18.3 - gabbro fine grained. Upper contact 50°. Appears chilled against porphyry.							
24.6 - 26.8	Diorite, coarse grained.							
	26.0 - 26.8 - Good chalco. mineralization	60	26-36	0.59	0.16			
26.8 - 31.7	Diorite, med. to fine grained. Variable fine diss. mineral - 10%							
31.7 - 36.0	Diorite, med. to coarse grained. Variable fine mineral 10% - 15%.					Cu.		Ni.
36.0 - 42.6	Diorite, fine grained. 15% - 20% mineral					.63		.28
42.6 - 43.6	Granite porphyry dyke. Contacts 25° to core						20	'
43.6 - 45.8	Diorite, fine to med. grained. 10% -15% mineral	61	36-46	0.68	0.41			
45.8 - 48.0	Qtz. Diorite, Negl. mineral after first few inches							

N.M.P., TORONTO—STOCK FORM NO. 501 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY EMMONS LAKE HOLE NO. 10

SHEET NUMBER 1 SECTION FROM 0 TO 27 STARTED Aug. 19/60

LATITUDE 8 ' W DATUM COMPLETED Aug. 21/60

DEPARTURE 29' N BEARING ULTIMATE DEPTH 27 '

ELEVATION 6' DIP Vertical PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD & Cu.	SLUDGE GOLD & Ni.	
0 - 6.7'	Qtz. diorite, coarse grained, almost pegmatitic for first foot. Scattered small finer grained diorite to gabbro dykelets? with contacts at various angles 5% sulphide					
		64	1.3-9.9	0.30	0.19	
6.7' - 23.7	Diorite, fine to med. grained with patches of coarse diorite and qtz. diorite. About 15% 12.6 - 14.0 Granite porphyry. Contacts down core. Some chalco. 19.1 - Qtz. stringers 40° - 45° to core					
		65	9.9-18.5	0.81	0.64	
23.7 - 25.5	Gabbro? dyke, chilled edge 60° to core. Fine scattered mineral					Cu. .65 Ni. .54
25.5 - 27.0	Diorite, medium & fine grained. Some heavy mineral.	66	18.5-27	0.50	0.44	17.1'
	Note: This hole ended when packsack clutch broke. No core left in hole.					

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