

GM 12656

15 DIAMOND DRILL HOLE LOGS WITH ASSAYS

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Énergie et Ressources
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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines, Scott Lake, P.Q.

HOLE NO. 1

Twp. 1215

SHEET NUMBER 1 SECTION FROM _____ TO _____

STARTED Feb. 23/62

LATITUDE Line 1050' West DATUM _____

COMPLETED Feb. 28

DEPARTURE 100' north BEARING S. 36° E

ULTIMATE DEPTH 277

ELEVATION E.M. Survey Grid Lines DIP 45

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0-11	Casing				
11-32	Greywacke, coarse grained, amphibolitic				
32-34	Granitic dyke, biotite, gray				
34-39	Greywacke. Finer grained. Amphibolitic.				
39-46	Greywacke. Moderate to heavy pyrrhotite				
46-57	Granitic dyke. Few specks of chalco.				
57-57.5	Greywacke. Fine. Fine pyrrhotite.				
57.5-61.5	Granite dyke				
61.5-63.5	Greywacke. Siliceous bands. Fine pyrrhotite.				
63.5-68.5	Granite dyke. Weak pyrrhotite.				
68.5-125	Greywacke. Fine Amphibolitic. Massive streaks and heavily disseminated pyrrhotite. 68.5-				
	70.5- fair chalco. 70.5-125: few grains chalco. and patches of pyrite with the pyrrhotite	1	2.0	1.30%	copper
	(Specimen at footage 91)				
125-150	Greywacke. As above - fairly well disseminated pyrrhotite. Few grains chalco.				
150-175	Greywacke. Weak pyrrhotite in general, but few 2 inch wide strong sections.				
175-217	Greywacke, as above.				

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 No GM- 12656

DIAMOND DRILL RECORD

PROPERTY Osesko Lake Mines Scott Lake HOLE NO. 1

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 277

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
217-223	Lost core- faulted breccia zone.						
223-227	Verggy greywacke & granite						
227-230	Lost core						
230-255	Mainly granite. Greywacke inclusions. Fractured and blocky. Few inches with strong pyrrhotite. At 254 six inches glossy vein quartz.						
255-277	Greywacke. Coarse amphibolites.						
	End Hole 277.						

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

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake, P.Q. HOLE NO. 2

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Feb. 28/62
 LATITUDE 1050 West DATUM _____ COMPLETED March 1/62
 DEPARTURE 100' north BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP 60° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0-12	Casing				
12-39	Greywacke. Coarse, amphibolitic, biotite.				
39-42	Granitic dyke.				
42-49	Greywacke - coarse to fine. Amphibolitic				
	Greywacke. Moderate to heavy pyrrhotite with some sparse chalcopyrite.				
	55-58. Best copper section.	2	3.0	0.57%	Copper
58-80.5	Granitic dyke.				
80.5-100	Greywacke. Fine amphibolitic. Strong pyrrhotite.				
	80.5-85.5; fair to sparse chalcopyrite	3	5.0	1.10%	Copper
	85.5-100; Heavy pyrrhotite. Few grains chalcopyrite.				
100.0-120.0	Greywacke sparse pyrrhotite.				
120.0-122.0	Greywacke - fair pyrrhotite cu. specks.				
122.0-127.0	Greywacke amphibolitic, sparse pyrite & pyrrhotite.				
127.0-140.0	Amphibolitic greywacke-streaks of pyrite				
	and pyrrhotite some cu.				
140.0-163.0	Coarse to fine grained amphibolitic greywacke sparse mineralization.				
163.0-164.0	Greywacke - streaks of pyrrhotite, very sparse cu.				
164.0-165	Greywacke.				

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines, Scott Lake P.Q. **HOLE NO.** 3

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 1, 1962
 LATITUDE Line 1150' West DATUM _____ COMPLETED Mar. 3/62
 DEPARTURE 115 north BEARING S.36°W ULTIMATE DEPTH 241
 ELEVATION _____ DIP 60° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD-COPPER	SLUDGE GOLD \$
0-16	Casing				
16-60	Greywacke amphibolite. Biotite. 50-54; Heavy pyrrhotite. 59-60 Heavy pyrrhotite.				
60-64.5	Granitic dyke.				
64.5-89.5	Greywacke amphibolite. (16.0)64.5-80.5 Massive to heavily disseminated pyrrhotite. Fair to sparse chalcopyrite.	4 5	8.0 8.0	0.17% 1.21%	
89.5-112.5	Granite. Porphyrite, dioritic.				
112.5-142	Greywacke. Amphibolitic, banded. Fair pyrrhotite and sparse chalcopyrite.				
142-144	Pigmatite				
144-222	Greywacke amphibolitic 144-184; fair to sparse pyrrhotite. Few splashes of chalcopyrite. 184-222 - sparse pyrrhotite.				
222-241	Diorite.				
	End hole 241				

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines, Scott Lake P.Q. **HOLE NO.** 4

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 6/62
 LATITUDE Line 1150W DATUM _____ COMPLETED March 6/62
 DEPARTURE 165 N. BEARING S.36°W ULTIMATE DEPTH 204
 ELEVATION _____ DIP 60 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-11	Casing				
11-13	Granite		No samples assayed		
13-92	Greywacke amphibolitic				
92-97	Granite dyke				
97-133	Greywacke.				
	97-110; sparse pyrrhotite				
	110-133; heavy pyrrhotite. Sparse chalcopryrite.				
	Less chalco then 64.5 to 80.5 in hole #3				
133-155	Granite				
155-171	Greywacke, amphibolitic sparse to fair pyrrhotite.				
171-174	Pigmatite dyke				
174-180	Greywacke amphibolite. Fair pyrrhotite few grains of chalcopryrite.				
180-182	Pigmatite dyke				
182-188	Greywacke amphibolite Sparse to fair pyrrhotite. Little chalco				
188-204	Greywacke.				
	End hole 204.				

DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake, P.Q. **HOLE NO.** 5

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED March 7/62
 LATITUDE Line 550 W DATUM _____ COMPLETED March 9/62
 DEPARTURE 100' N. BEARING S.36° W ULTIMATE DEPTH 203
 ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0-24	Casing						
24-106	Greywacke amphibolite, Much mica						
106-109	Granite						
109-121	Greywacke						
	109-112; fair pyrrhotite. Little Chalco						
121-136	Granite. Greywacke inclusions. Little chalcopryrite at 127 and 132						
136-194	Greywacke.						
	136-139.5; fair pyrrhotite. Sparse to fair chalcopryrite.	6	3.5	107%			
	139.5-154 - sparse pyrrhotite						
194-203	154-194; very sparse pyrrhotite. Pigmatite.						
	End hole 203.						

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake P.Q. HOLE NO. 6

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 10/62
 LATITUDE Line 0 DATUM _____ COMPLETED March 11/62
 DEPARTURE 150 W BEARING S.36° W ULTIMATE DEPTH 217
 ELEVATION _____ DIP 45 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD % copper	SLUDGE GOLD %	silv
0-4	Casing					
4-81	Greywacke. Quartz and mica					
81-108	Pigmatite, gamet					
108-146	Greywacke					
	145-146; heavy pyrrhotite. sparse chalco	7	1.0	0.17		
146-174	Granite dyke					
174-217	Greywacke. Siliceous					
	174-180; heavy pyrrhotite	8	6.0	1.82%		0.49
	Fair to sparse chalco					
	180-188.5: ditto	9	8.5	1.41%	trace	0.14
	185.5-207: Fair to sparse pyrrhotite.					
	End hole 217					

DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake, P.Q. **HOLE NO.** 7

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 12, 1962
 LATITUDE 100E DATUM _____ COMPLETED March 12.62
 DEPARTURE 30N BEARING S. 36⁰ E ULTIMATE DEPTH 100
 ELEVATION _____ DIP 45 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$	
0-13	Casing					
13-46	Greywacke, biotite, gneissic, amphibolitic					
46-71	Mainly granite and pigmatite		No samples assayed.			
71-100	Greywacke. Few stringers of pyrrhotite.					
	End hole 100.					

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PROPERTY Osisko Lake Mines Scott Lake, P.Q. HOLE NO. 8

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 13/62

LATITUDE Line 400E DATUM _____ COMPLETED March 14/62

DEPARTURE 100N BEARING S.36⁰E ULTIMATE DEPTH 175

ELEVATION _____ DIP 45 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-66	Casing				
66-163	Greywacke. Biotitic, amphibolitic				
	75-100; sparse pyrite	No samples assayed.			
163-175	Granite				
	End hole 175				

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake, P.Q. HOLE NO. 9

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 15, 1962
 LATITUDE 1200E DATUM _____ COMPLETED March 16/62
 DEPARTURE 200S BEARING S.36°E ULTIMATE DEPTH 207
 ELEVATION _____ DIP 45 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-46	Casing				
46-114	Greywacke. Amphibolitic, biotite.				
	82-83; Massive pyrite-pyrrhotite and a little chalcopyrite.				
	99-114; Heavy pyrrhotite. Very sparse chalco.				
114-207	Greywacke, as above. -darker colour.				
	114-137; few splashes of pyrrhotite.				
	137-158; sparse to fair pyrrhotite and few grains chalcopyrite.				
	158-177; sparse pyrrhotite.				
	177-195; sparse to fair pyrr. py. chalco.				
	177-182	10	5.0	trace copper, trace nickel	
	182-188	11	6.0	0.07% copper, 0.04% nickel	
	188-195- looks same as sample 10.				
	195-207 - Very sparse nilphides.				
	End hole 207				

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines

Scott Lake, P.Q.

HOLE NO. 10

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED March 16/62

LATITUDE 1200E

DATUM _____

COMPLETED March 17.62

DEPARTURE 200S

BEARING S.36^o E

ULTIMATE DEPTH 209

ELEVATION _____

DIP 65

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0-35	Casing						
35-109	Greywacke		No samples assayed.				
	102-103; Heavy pyrr. pyrite and a little chalcopyrite.						
109-113	Pigmatite						
113-209	Greywacke						
	113-143; Strong to fair pyrrhotite and few grains chalcopyrite.						
	176-197; sparse pyrrhotite.						
	End hole 209						

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mine, Scott Lake, P.Q. **HOLE NO.** 11

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 18, 1962
 LATITUDE 2400W DATUM _____ COMPLETED March 21
 DEPARTURE 1025 S BEARING S.36 E ULTIMATE DEPTH 82
 ELEVATION Lake DIP 45 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-82	Casing. Hole abandoned in overburden when casing broke.				

DIAMOND DRILL RECORD

PROPERTY

Osisko Lake Mines

Scott Lake, P.Q.

HOLE NO. 12

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED March 21, 1962

LATITUDE 2400W

DATUM _____

COMPLETED Mar. 22/62

DEPARTURE 600 N.

BEARING S.36 E

ULTIMATE DEPTH 267

ELEVATION _____

DIP 45

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %		
0-17	Casing						
17-22	Granite						
22-27	Amphibolite (Greywacke)						
27-42	Granite						
42-48	Amphibolite						
48-76	Granite- 72-73 :lost core						
76-84	Pignatite and aplite. 77-79-lost core						
84-114	Granite- porphyritic.						
114-163	Greywacke. Amphibolitic to siliceous, sulphides						
	114-117: Weak to fair pyrrhotite						
	117-122; Heavy pyrrhotite-sparse chalco	12	5.0	0.18% Cu.	nil	nickel	
	122-128; Fair pyrrhotite	" "					
	128-133 Heavy pyrrhotite	13	5.0	0.15% Cu.			
	133-138 Heavy pyrrhotite	14	5.0	0.17% Cu.			
	138-143 " "	15	5.0	0.20% Cu.			
	143-153 " "	16	10.0	0.12% Cu.			
	153-163 " "	17	10.0	0.28% Cu.			
163-173	Granite						
173-192	Greywacke. Sparse pyrrhotite.						
192-231	Granite						
231-259	Greywacke						
259-267	Granite.						

N.M.P. PROPERTY STOCK FORM NO. 5911 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake HOLE NO. 13

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 22, /62
 LATITUDE 2400 W DATUM _____ COMPLETED March 24, /62
 DEPARTURE 600 N. BEARING S.36 E. ULTIMATE DEPTH 283
 ELEVATION _____ DIP 65 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0-15	Casing				
15-28	Granite				
28-32	Amphibolite				
32-168	Granite				
168-237	Greywacke. Amphib. to Sil. Sulphides				
	168-171: sparse pyrrhotite.				
	171-174: Fair pyrrhotite.				
	174-206: Fair pyrrhotite, little chalco.				
	206-215: Fair pyrrhotite, little chalco.	18	9.0	0.10%	Copper
	215-220: Heavy pyrrhotite, Fairle-chalco	19	5.0	0.30%	Copper
	220-225: Heavy pyrrhotite, sparse chalco	20	5.0	0.15%	Copper
	225-237: Heavy pyrrhotite, sparse chalco	21	12.0	0.17%	Copper
237-265	Greywacke				
	Few splashes of pyrrhotite and chalco.				
265-283	Pigmatite				
	End hole 283.				

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines Scott Lake HOLE NO. 14

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 25/62
 LATITUDE 2500 W DATUM _____ COMPLETED March 27/62
 DEPARTURE 600 N. BEARING S.36 E ULTIMATE DEPTH 215.
 ELEVATION _____ DIP 60 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-21	Casing				
21-148	Granite				
148-181	Greywacke. Sulphides.				
	148-152- sparse to fair pyrrhotite. Little chalcopryite.				
	152-162- Sparse pyrrhotite. - Little chalcopryite.				
	162-169- Heavy pyrrhotite Little chalcopryite.				
	163-176- Heavy pyrrhotite - and short				
	sections with fair chalcopryite	22	13.0	0.32%	copper
	176-181: Heavy to fair pyrrhotite. Little chalcopryite.				
181-215	Granite				
	End Hole 215.				

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DIAMOND DRILL RECORD

PROPERTY Osisko Lake Mines, Scott Lake

HOLE NO. 15

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED March 27/62

LATITUDE 2900 W

DATUM _____

COMPLETED March 28/62

DEPARTURE 375

BEARING S.36 E

ULTIMATE DEPTH 229

ELEVATION _____

DIP 60°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0-13	Casing				
13-28	Granite				
28-31	Greywacke				
31-49	Granite				
49-53	Greywacke				
53-131	Granite				
131-134	Greywacke				
134-154	Granite				
154-158	Greywacke				
158-182	Granite				
182-218	Greywacke. Sulphides				
	186-205: Heavy pyrrhotite. Little Chalco	23	19.0	0.10%	Copper
	205-214: Heavy pyrrhotite. Fair chalco	24	9.0	0.37%	Copper
218-229	Granite mainly.				
	End Hole 229				
	End drilling program.				

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