



42D14NW0051 12 PAYS PLAT LAKE

010

Diamond Drilling

Area of Pays Plat Lake

Report NO 12

Work performed by: Stratmat Ltd.

Claim NO	Hole NO	Footage	Date	Note
TB 51478	16-1	751'	Mar/55	
TB 51474	16-4	813'	Apr/55	
	16-5	420'	May/55	
	16-6	492'	May/55	
	16-7	299'	May/55	
	16-8	373'	May/55	
	16-9	338'	June/55	
	16-10	325'	June/55	
	16-11	235'	June/55	
	16-12	221'	June/55	
	16-13	184'	June/55	
	16-14	243'	June/55	
	16-15	212'	June/55	

Notes:

STRATMAT LTD

4-16-376

DIAMOND DRILL RECORD

Hole No. 16-1

Sheet No. 1

Property Project C-18
 Location Big Duck Lake, T.B. District Ont.

Collar
 200' 55000'
 400' 52000'
 600' 47000'
 751' 45030'
 43000'

Elev. Collar 1001.40
 Datum Lake Level
 Date Started Mar. 15/55
 Date Completed Mar. 18/55
 Drilled by Mar. 30/55
 Logged by Boyles Bros.
 C. Authier

Latitude Line 14 1225.00' South
 Departure Line 14 85.00' East
 Bearing S 15°00' W Magnetic

Total Footage 751'

Footage		Formation	Sample Number	Sample Width			Remarks
From	To						
0.0	132.0	Casing					130.0' in water 2.0' bedrock & overburden
132.0	137.0	Hornblende schist with some dioritic phases.					
137.0	137.7	Lost core.					
137.7	153.4	Same as before but with some qtz. fels. injections					Some magnetite & iron pyrites. Copper pyrite stringer at 138.0'
153.4	155.6	Lost core					
155.6	171.4	Same as before but with some epidote.					Same as above with copper. Pyrite narrow width at 159.8'
171.4	176.0	Mineralized qtz. Zone					
176.0	178.7	Hornblende schist					
178.7	181.2	Lost core					
181.2	185.8	Hornblende schist with some qtz. fels. injections					Some light magnetite & iron pyrite mineralization.
185.8	187.3	Lost core.					
187.3	190.8	Same as before					
190.8	191.9	Lost core					

Date of Examination Mar 30/55

Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-1

Sheet No. 2

Dip

 Property Project 0-16
 Location Big Duck Lake, T.B. District Ont.

 Collar 55°00'
 200' 52°00'
 400' 47°00'
 600' 45°30'
 751' 43°00'

 Elev. Collar 1001.40
 Datum Lake level Mar 15/55
 Date Started Mar. 18/55
 Date Completed Mar. 30/55
 Drilled by Boyles Bros.
 Logged by C. Authier

 Latitude Line 14 1225.00' South
 Departure Line 14 85.00' East
 Bearing S 15°00' W Magnetic

Total Footage 751'

Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
191.9	194.0	Same as before						
194.0	195.0	Lost core.						
195.0	196.0	Hornblende schist.						Same as before.
196.0	197.5	Mineralized qtz. zone						
197.5	258.1	Hornblende schist in part silicified & with many qtz. fels. injections & also some epidote.						Some magnetite & light iron pyrite & with some pyrite over narrow widths at 242.5' & 247.0'
258.1	258.1	Qtz. filled breccia zone. <u>Fault?</u>						Light iron pyrite & few crystals fluorite in fault breccia.
259.1	263.6	same as before.						Some light mineralization.
263.6	272.5	Qtz. fels. Por. in part sheared. Dyke.						Some magnetite in por.
272.5	282.7	Same as before.						Light magnetite & iron pyrite mineralization.

Date of Examination Mar. 30/55

Charles Authier

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DIAMOND DRILL RECORD

Hole No. 13-1 Sheet No. 3

Property Project 0-15
 Location Big Duck Lake, T.R. District Ont.

Collar	Dip
200'	55°00'
400'	52°00'
600'	47°00'
751'	45°30'
	43°00'

Elev. Collar	1001.40	
Datum	Lake level	Mar. 15/55
Date Started	Mar. 13/55	
Date Completed	Mar. 30/55	
Drilled by	Boyles Bros.	
Logged by	C. Authier	

Latitude Line 14 1225.00' South
 Departure Line 14 85.00' East
 Bearing S 15°00' W Magnetic

Total Footage 751'

Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
282.7	283.3	Lost core.						
283.3	288.5	Hornblende schist with a few qtz. fels. injections						Light magnetite mineralization.
288.5	289.5	Lost core.						
289.5	291.4	Same as before but with some epidote.						
291.4	292.6	Lost core.						
292.6	397.4	Hornblende schist with many qtz. fels. injections & epidote & some narrow granitic inclusions.						Some magnetite, hematite & iron pyrite mineralization. Narrow hematite rich section at 351-0'
397.4	381.7	Mineralized qtz. carbonate zone.						
381.7	381.9	Lamporphyre dyke.						
381.9	415.0	Same as before.						
415.0	417.0	Mineralized qtz. carbonate zone.						Some copper pyrites

Date of Examination Mar. 30/55

Charles Authier

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DIAMOND DRILL RECORD

Hole No. 16-1

Sheet No. 4

 Property Project C-16
 Location Big Duck Lake, T.B. District Ont.

	Dip
Collar	55°00'
200'	52°00'
400'	47°00'
600'	45°30'
751'	43°00'

Elev. Collar	1001.40	
Datum	Lake level	Mar. 15/55
Date Started	Mar. 18/55	
Date Completed	Mar. 30/55	
Drilled by	Boyles bros.	
Logged by	C. Authier	

 Latitude Line 14 1225.00' South
 Departure Line 14 35.00' East
 Bearing S 15°00' W Magnetic

Total Footage 751'

Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
417.0	423.5	Qtz. fels. por. dyke.						
423.5	434.3	Hornblende schist with some Qtz. fels. injections & epidote.						Some magnetic mineralization.
434.3	435.0	Lost core.						
435.0	493.2	Same as before.						
493.2	494.0	Lost core.						
494.0	496.8	Same as before.						
496.8	498.3	Lost core.						
498.3	499.8	Qtz. fels. por. dyke.						
499.8	503.0	Hornblende schist with some Qtz. fels. injections & epidote						Light mineralization of magnetite & iron pyrite.
503.0	504.3	Qtz. fels. por. dyke.						
504.3	594.3	Same as before but with more epidote.						

 Date of Examination Mar. 30/55
C. Authier

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DIAMOND DRILL RECORD

Hole No. 10-1

Sheet No. 5

Property Project C-16
 Location Big Duck Lake, T.E. District Ont.

	Dip
Collar	55°00'
200'	52°00'
400'	47°00'
600'	45°30'
751'	43°00'

Elev. Collar 1001.40
 Datum Lake Level Mar. 15/55
 Date Started Mar. 12/55
 Date Completed Mar. 30/55
 Drilled by Boyles Bros.
 Logged by C. Authier

Latitude Line 14 1225.00' South
 Departure Line 14 85.00' East
 Bearing S 15°00' W Magnetic

Total Footage 751'

Footage		Formation	Sample Number	Sample Width			Remarks
From	To						
594.3	595.9	Fels. por. dyke.					Some magnetite
595.9	751.0	Same as before. End of Hole Lost core = 14.8' or 2%					Fine magnetite & some light iron pyrite mineralization.

Date of Examination Mar. 30/55

C. Authier

M. A. Laidlaw

TB51474

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DIAMOND DRILL RECORD

Hole No. 16-4 Sheet No. 1

Property Project 0-16
 Location Big Duck Lake, T.M. District Ont.

Collar	Dip	45°00'
200'		48°30'
400'		46°00'
600'		46°00'
813'		46°00'

Elev. Collar 10009.50
 Datum Lake Level Mar. 15/55
 Date Started April 29/55
 Date Completed May 9/55
 Drilled by Boyles Bros.
 Logged by C. Authier

Latitude Line 9 1798.00' South
 Departure Line 9 45.00' East
 Bearing S 37°00' W Magnetic

Total Footage 813'

Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
0.0	7.0	Casing (casing left in hole)						
7.0	11.4	Qtz. fels. por. dyke						
11.4	12.4	Lost core						
12.4	18.9	Same as before plus some qtz. injections						
18.9	19.7	Lost core						
19.7	22.2	Same as before						
22.2	23.1	Lost core						
23.1	27.1	Same as before						
27.1	28.2	Lost core						
28.2	30.9	Sheared qtz. fels por.						Molybdenite in qtz. stringer at 30.1' & 30.8'
30.9	32.2	Lost core						
32.2	35.0	Same as before						

Date of Examination May 10/55

Charles Authier

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DIAMOND DRILL RECORD

Hole No. 16-4 Sheet No. 2

Property Project C-16
 Location Big Duck Lake, T.B. District Ont.

Collar	Dip	45°00'
200'		48°30'
400'		46°00'
600'		46°00'
813'		46°00'

Elev. Collar 10009.50
 Datum Lake Level Mar. 15/55
 Date Started April 29/55
 Date Completed May 2/55
 Drilled by
 Logged by Boyles Bros.

Latitude Line 9 1798.00' South
 Departure Line 9 45.00' East
 Bearing S 37°00' W Magnetic

Total Footage 813'

Footage		Formation	Sample Number	Sample Width	Gold sample	Cu%	Mo%	Remarks
From	To							
35.0	39.5	Hornblende schist with some qtz. injections						Some magnetite & molybdenite in qtz. stringers.
39.5	41.1	Qtz. vein zone well mineralized with molybdenite	1258	1.6	0.01	ND	0.20	
41.1	44.0	Same as before						Fair pyrite & some molybdenite
44.0	46.5	Qtz. vein zone mineralized with copper, molybdenite, and magnetite.	1259	2.5	0.04	.49	0.16	% bismuth 0.001
46.5	48.0	Same as before						Some molybdenite in qtz. at 47.9
48.0	48.7	Lost core						
48.7	65.3	Mostly hornblende schist with qtz. fels. injections.						Some molybdenite in qtz. at 48.8 Much epidote
65.3	66.4	Lost core						
66.4	70.0	Hornblende schist with qtz. fels. injections.						
70.0	70.8	Lost core.						

Date of Examination May 10/55

Charles Authier

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DIAMOND DRILL RECORD

Hole No. 16-4

Sheet No. 3

 Property Project 0-16
 Location Big Duck Lake, T.B. District, Ont.

 Latitude Line 9 1798.00' South
 Departure Line 9 45.00' East
 Bearing S 37°00' W Magnetic

	Dip
Collar	45°00'
200'	48°30'
400'	46°00'
600'	46°00'
813'	46°00'
Total Footage	813'

Elev. Collar	10009.50
Datum	Lake Level Mar. 15/55
Date Started	April 29/55
Date Completed	May 9/55
Drilled by	Boyles Bros.
Logged by	C. Authier

Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
70.8	76.2	Same as before						Some Molybdenite at 76.0'
76.2	77.3	Lost core						
77.3	131.7	Same as before						Good Molybdenite at 79.1 & with copper over .3' at 81.0'
131.7	132.7	Lost core						
132.7	365.5	Same as before but with some andesite & diorite phases						Good molybdenite over .1' at 152.0', 161.6', 171.4' 228.0.
365.5	371.2	Sheared quartz zone. Some copper & Molybdenite Vein "C"	1260	5.7'	0.01	0.25	0.03	
371.2	413.6	Same as before.						Good Molybdenite at 393.3'
413.6	416.0	Silicified fels. por. dyke						
416.0	422.9	Same as before						Much magnetite.
422.9	423.9	Lost core						
423.9	459.5	Same as before plus some mica schist inclusions						Fair pyrite & magnetite. Much epidote from 445' to 450'

 Date of Examination May 10/55

 Signed- Charles Authier.

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DIAMOND DRILL RECORD

Hole No. 16-4

Sheet No. 4

 Property Project 0-16
 Location Big Duck Lake, T.R. District, Ont.

Collar	Dip	45° 00'
200'		48° 30'
400'		46° 00'
600'		46° 00'
813'		46° 00'

Elev. Collar	10009.50
Datum	Lake Level Mar. 15/55
Date Started	April 29/55
Date Completed	May 9/55
Drilled by	Boyles Bros.
Logged by	C. Authier

 Latitude Line 9 1798.00' South
 Departure Line 9 45.00' East
 Bearing S 37°00' W Magnetic

Total Footage 813'

Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
459.5	462.2	Sheared quartz zone - Good Copper, Molybdenite (Vein "D")	1261	2.7'	0.06	1.19	0.03	%Bismuth - ND
462.2	472.9	Same as before - heavy magnetite in places.						
472.9	473.5	Qtz. vein zone. Some molybdenite	1262	0.6	Tr.	ND	0.15	
473.5	474.5	Same as before						
474.5	475.2	Qtz. vein zone. Some molybdenite	1263	0.7	Tr.	ND	0.08	(places.)
475.2	487.6	Hornblende schist with some andesite & diorite phases						Much magnetite in -
487.6	490.1	Qtz. vein zone lightly mineralized with molybdenite - Good copper in stringer at 521.5'	1264	2.5	0.01	ND	Tr.	Magnetite throughout
490.1	532.9	Calcite vein.						Barren
532.9	586.2	Same as before - Good pyrite from 570.5-571.8' and from 577.0-578.0'						
586.2	594.5	Series of quartz veins of milky Qtz. Mostly barren						Few blobs pyrite&Cu.
594.5	595.7	Lost core						
595.7	641.0	Hornblende schist with some andesite & diorite phases						
641.0	642.5	Qtz. zone lightly mineralized						Light pyrite
642.5	659.3	Same as before						
659.3	660.0	Lost core						
660.0	702.5	Same as before						
702.5	704.0	Strong shearing						Light pyrite & Cu.
704.0	706.2	Qtz. vein of milky Qtz.						Light pyrite
706.2	710.6	Lost core						
710.6	711.8	Qtz. vein of milky Qtz. barren						
711.8	713.4	Lost core						
713.4	714.8	Qtz. vein of milky Qtz. Light pyrite - Few specks molybdenite.						
714.8	717.0	Mostly hornblende schist with many Qtz. injections						Light pyrite and some copper

 Date of Examination May 10th, 1955.

 Signed- Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-4

Sheet No. 5

 Property Project 0-16
 Location Big Duck Lake, T.B. District, Ont.

 Collar
 200' 45° 00'
 400' 48° 30'
 600' 46° 00'
 813' 46° 00'

 Elev. Collar 10009.50
 Datum Lake Level Mar. 15/55
 Date Started April 29/55
 Date Completed May 9/55
 Drilled by Boyles Bros.
 Logged by C. Authier

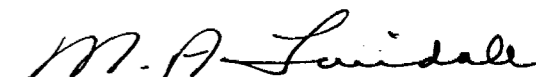
 Latitude Line 9 1798.00' South
 Departure Line 9 45.00' East
 Bearing S 37° 00' W Magnetic

Total Footage

Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
717.0	721.3	Hornblende schist						
721.3	722.3	Lost core						
722.3	729.4	Same as before						Some epidote
729.4	730.0	Lost core						
730.0	738.6	Same as before						
738.6	740.0	Lost core						
740.0	748.1	Same as before with some adnesite phases						
748.1	749.4	Lost core						
749.4	753.9	Same as before						
753.9	755.0	Lost core						
755.0	759.4	Same as Before						
759.4	760.0	Lost core						
760.0	761.7	Same as before						
761.7	762.3	Lost core						
762.3	793.8	Same as before plus some well sheared sections						
793.8	794.0	Calcite breccia zone - Fault? Light pyrite in shearing. Nearly massive epidote from 785-790' Fault well mineralized with hematite & copper.						
794.0	810.3	Same as before but with very little shearing						Some copper & molybdenite in qtz. stringer at 805.2'
810.3	811.5	Lost core						
811.5	813.0	Same as before. <u>End of Hole</u> Lost core equals 26.4' or 3%						

 Date of Examination May 10/55

Signed- "Charles Authier"



STRATMAT LTD

TB 51474

DIAMOND DRILL RECORD

Hole No. 16-5

Sheet No. 1

Property Project 0-16
Location Big Duck Lake, T.B. District, Ontario.

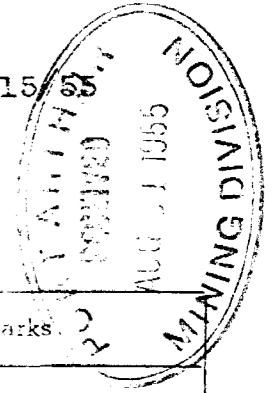
Dip

Collar	45° 00'
200'	46° 00'
400'	49° 00'

Elev. Collar	10,015.15
Datum	Lake Level Mar. 15/55
Date Started	May 11/55
Date Completed	May 15/55
Drilled by	Boyles Bros.
Logged by	C. Authier

Latitude Line 12 1900.00' South
Departure Line 12 68.00' East
Bearing S 40° W Magnetic

Total Footage 420'



Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
0.0	8.5	Casing (Casing left in hole)						
8.5	41.1	Hornblende schist with some andesite phases & Qtz. injections						
41.1	41.8	Sheared Qtz. zone. Some molybdenite	1265	0.7	Tr.	ND	0.10	Light pyrite in a few places.
41.8	46.5	Hornblende schist with some Qtz. injections						
46.5	47.3	Lost core.						
47.3	50.8	Same as before						
50.8	53.2	Qtz. zone with molybdenite & some copper "A" vein	1266	2.4	Tr.	0.10	0.08	
53.2	54.5	Same as before with many quartz. injections.						Light pyrite & some copper
54.5	58.5	Qtz. zone with good molybdenite & Copper "A" vein	1267	4.0	.02	0.42	0.12	Bismuth % - ND
58.5	59.7	Same as before						
59.7	60.0	Lost core						
60.0	61.7	Same as before						
61.7	64.2	Qtz. zone with some molybdenite & Copper "A" vein	1268	2.5	.01	0.06	0.03	
64.2	75.8	Hornblende schist with some andesite phases						
75.8	90.8	Qtz. Fels. por. dyke in part sheared						Some molybdenite in stringer at 86.3'
90.8	159.7	Same as before						
159.7	162.7	Qtz. fels. por. dyke - seam of calcite & hematite at 121.0'.						
162.7	164.9	Hornblende schist with some quartz injections						
164.9	197.0	Qtz. fels. por. dyke						
197.0	213.5	Hornblende schist with some andesite & diorite phases						
- see sheet No. 2 -								

Date of Examination May 15/55.

Signed- Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-5

Sheet No. 2

 Property Location Project C-16
 Big Duck Lake, T.B. District, Ontario.

Dip

 Elev. Collar
 Datum
 Date Started
 Date Completed
 Drilled by
 Logged by

 Latitude
 Departure
 Bearing

Total Footage 420'



Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
213.5	214.8	Quartz vein of milky quartz						Barren
214.8	226.4	Hornblende schist with some andesite & diorite phases						
226.4	227.0	Sheared qtz. zone some copper & molybdenite	1269	0.6	Tr.	0.17	0.08	
227.0	299.6	Same as before - Good molybdenite & copper narrow stringer at 276.0' Some shearing at 297.0'						
299.6	360.2	qtz. por. dyke in part sheared - some copper and molybdenite in sheared por.						
360.2	360.8	Hornblende schist with some quartz injections						
360.8	364.7	Sheared qtz. zone some molybdenite & copper "B" vein	1270	3.9	Tr.	0.22	0.02	
364.7	369.5	Same as before - Some Mo & Cu in qtz. stringers						
369.5	370.5	Sheared qtz. zone. Good copper & some molybdenite	1271	1.0	.01	0.45	Tr.	
370.5	404.0	Same as before						
404.0	405.0	Sheared qtz. zone. Good molybdenite & some Cu.	1272	1.0	.01	0.22	0.06	
405.0	420.0	Same as before plus some narrow sheared tongues of porphyry.						
		End of Hole						
		Lost core equals 1.1' or .25%						

 Date of Examination May 15/55.

 Signed- Charles Authier *M.A. Lindale*

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-6

Sheet No. 1

Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

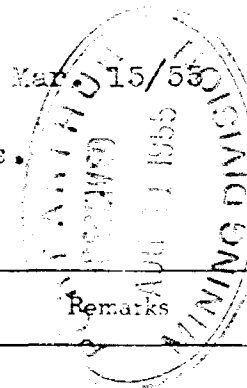
Collar
200' 45° 00'
400' 44° 00'
400' 45° 00'

Dip

Elev. Collar 10,017.25
Datum Lake Level Mar 15/55
Date Started May 16/55
Date Completed May 20/55
Drilled by Boyles Bros.
Logged by C. Authier

Latitude Line 13 1922.50' South
Departure Line 13 54.00' East
Bearing S 40°00' Magnetic

Total Footage 492'



Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
0.0	7.0	Casing (casing left in hole)						
7.0	10.5	Hornblende schist						
10.5	13.0	Lost core						
13.0	19.3	Same as before						
19.3	20.0	Lost core						
20.0	23.5	Shearing with some qtz. injections						Light pyrite
23.5	24.5	Lost core						
24.5	28.5	Mostly shearing with some qtz. injections						Light pyrite
28.5	29.4	Lost core						
29.4	31.3	Hornblende schist with qtz. injections						
31.3	31.8	Lost core						
31.8	68.2	Same as before						
68.2	68.5	Shearing with some qtz. injections, molybdenite & copper "A" vein	1273	2.3'	Nil	0.17	0.01	
68.5	73.7	Sheared qtz. zone, fair molybdenite & copper "A" vein	1274	5.2'	Tr.	0.21	0.09	
73.7	78.8	Shearing with much qtz. injections, some molybdenite and copper "A" vein	1275	5.1'	Tr.	0.16	0.03	
78.8	82.4	Shearing with some qtz. injections. Light molybdenite & copper "A" vein	1276	3.6'	Tr.	0.16	0.01	
82.4	83.7	Sheared qtz. zone. Fair molybdenite & copper "A" vein	1277	1.3'	0.005	0.26	0.04	
83.7	123.8	Hornblende schist with andesite phases						Massive epidote at 103.7'

- see page 2 -

Date of Examination May 21/55

Signed- Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 13-6

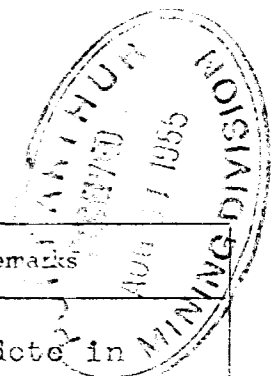
Sheet No. 2

 Property Project O-16
 Location Big Duck Lake, T.E. District, Ont.

 Elev. Collar
 Datum
 Date Started
 Date Completed
 Drilled by
 Logged by

 Latitude
 Departure
 Bearing

Total Footage



Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
123.3	125.0	Sheared qtz. zone. Fair molybdenite & copper Hornblende schist with andesite and diorite phases & qtz. carbonate injections.	1278	1.2	Tr.	0.09	0.18	Much epidote in places. Light pyrite, some Cu. & Mo.
125.0	280.1							
280.1	281.3							
281.3	282.0	Sheared qtz. zone. Good molybdenite & fair Cu. Hornblende schist with andesite & diorite phases and qtz. fels. injections. Good molybdenite over 0.3' at 370.0' & 372.5'	1279	0.7	Tr.	0.12	0.07	
282.0	380.3							
380.3	383.5							
383.5	401.1	Well sheared qtz. porphyry Hornblende schist Lost core Same as before. Some molybdenite & copper over 2.0' at 411.0'. Sheared qtz. zone. Fair molybdenite Hornblende schist with some andesite phases						
401.1	404.2							
404.2	405.0							
405.0	411.7							
411.7	413.9							
413.9	444.5	Sheared qtz. zone. Good molybdenite & some Cu. Hornblende schist in part well sheared & with much fels.	1280	2.2'	Nil	0.18	0.16	Some epidote
444.5	446.7							
446.7	452.1	Sheared qtz. zone. Good molybdenite & some Cu. Hornblende schist in part well sheared & with much fels. Shearing with much fels. & pyrite. Light molybdenite & Cu. "B" vein Sheared qtz. calcite zone. Some molybdenite & Cu. "B" vein Hornblende schist with some andesite phases & qtz. carbonate injections.	1281	2.2'	Tr.	0.48	0.06	Much epidote & some good pyrite.
452.1	458.5							
458.5	461.2							
461.2	492.0	Hornblende schist with some andesite phases & qtz. carbonate injections. End of Hole. Lost core equals 5.9' or 1.2%	1282	6.4'	Tr.	0.48	0.005	
461.2	492.0							
			1283	2.7	.01	0.18	0.005	

Note: Sludge water lost at 38.0' depth

 Date of Examination May 21/55.

Signed: Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 10-7

Sheet No. 1

 Property Project C-16
 Location Big Duck Lake, T.B. District, Ont.

 Collar 45°00'
 200' 48°00'

 Elev. Collar 10,007.40
 Datum Lake Level Mar. 25/55
 Date Started May 22nd, 1955
 Date Completed May 24th, 1955
 Drilled by Boyles Bros.
 Logged by C. Authier

 Latitude Line 14 1896.00 South
 Departure Line 14 92.00 East
 Bearing S 40°00' W Magnetic

Total Footage 299'

Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
0.0	0.0	Casing (casing left in hole)						
0.0	34.1	Sheared qtz. porphyry dyke - Good molybdenite over this length						
34.1	38.4	Sheared qtz. zone. Some copper & molybdenite	1284	2.3'	0.01	0.21	0.02	Light pyrite in places.
38.4	59.3	Hornblende schist with some andesite phases & qtz. injections						
59.3	60.4	Lost core						
60.4	64.2	Same as before						
64.2	65.7	Lost core						
65.7	73.5	Same as before						
73.5	76.2	Sheared qtz. zone. Some copper & molybdenite	1285	1.5'	0.01	0.32	Nil	
76.2	100.0	Same as before						
100.0	103.6	Shearing with some qtz. carbonate injections - Good molybdenite & copper from 103.5'-103.6						
103.6	105.0	Lost core						
105.0	106.6	Sheared qtz. zone. Good molybdenite & copper "A" vein	1286	1.6'	0.05	0.32	0.21	
106.6	107.9	Lost core						
107.9	109.3	Shearing with qtz. carbonate injections						
109.3	110.4	Lost core						
110.4	112.3	Shearing with qtz. carbonate injections. Some molybdenite "A" vein	1287	1.9'	Tr.	0.10	Tr.	
112.3	113.0	Lost core						
113.0	113.7	Sheared qtz. zone. Fair molybdenite & copper "A" vein	1288	0.7'	Tr.	0.13	0.01	
		Note: Sludge from 100-110 (because of lost core)	1289	10.0'	Tr.	0.18	0.03	

- see page 2 -

 Date of Examination May 31/55.

 Signed- Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 18-7

Sheet No. 2

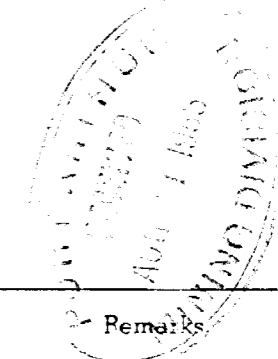
Project
 0-16
 Property Location
 Big Duck Lake, T.E. District, Ont.

Dip

Elev. Collar
 Datum
 Date Started
 Date Completed
 Drilled by
 Logged by

Latitude
 Departure
 Bearing

Total Footage



Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
113.7	131.7	Hornblende schist in part well sheared						Light pyrite & Cu. in places.
131.7	139.0	qtz. vein, light molybdenite & copper "A" vein	1290	4.3'	Tr.	0.13	0.02	
139.0	152.5	Hornblende schist with some andesite & diorite phases.						Some Cu. over narrow widths.
152.5	153.0	Sheared qtz. zone. Good copper & some molybdenite "A" vein	1291	1.1'	0.01	0.61	0.01	
153.6	154.3	Same as before						
154.8	159.5	Shearing with much qtz. Good copper & some Mo. "A" vein	1292	4.7'	Nil	0.27	0.01	
159.5	162.0	Sheared qtz. zone. Good copper & Mo. "A" vein	1293	2.5'	Tr.	0.70	0.03	
162.0	163.0	Hornblende schist						
163.0	163.8	Sheared qtz. zone. Fair copper & molybdenite "A" vein	1294	0.8'	Nil	0.25	0.04	
163.8	195.6	Hornblende schist with some andesite & diorite phases.						Carbonate vein with hematite from 169.3 to 170.0. Much epidote.
195.6	219.8	Qtz. fels. por. dyke.						
219.8	223.5	Hornblende schist						
223.5	225.8	Qtz. fels. por. dyke						
225.8	299.0	Hornblende schist with some andesite & diorite phases.						Molybdenite in qtz. stringers at 250.5 & 256.5'.
		End of Hole						
		Lost core equals 7.1' or 2.3%						

Date of Examination

May 31/55

Signed- Charles Authier

TB 51474
~~TB 51474~~

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-3

Sheet No. 1

Property Project 0-16
 Location Big Duck Lake, T.N. District, Ont.

Collar Dip 90°00

Elev. Collar 10,005.95
 Datum Lake Level Mar. 15/55
 Date Started May 26/55
 Date Completed May 31/55
 Drilled by Boyles Bros.
 Logged by C. Authier

Latitude Line 14 1893.00 South
 Departure Line 14 94.50
 Bearing Vertical Hole

Total Footage 373'

Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
0.0	9.0	Casing (casing left in hole)						
8.0	96.9	Sheared qtz. por. dyke - Some Mo at 60.0'						
96.9	99.6	Sheared qtz. por. with much qtz. Some Mo & Cu.	1295	2.7'	Tr.	0.13	0.05	
99.6	102.2	Sheared qtz. carbonate zone. Fair molybdenite & some copper	1296	2.6'	0.01	0.36	0.03	
102.2	106.1	Shearing with much qtz. Fair molybdenite & some copper	1297	3.9'	Tr.	0.32	0.01	
106.1	113.7	Hornblende schist with some andesite phases						
113.7	116.1	Lost core						
116.1	121.6	Same as before						
121.6	123.8	Qtz. fels. por. dyke						
123.8	193.1	Same as before - some Cu in narrow seams and massive epidote in places						
193.1	194.8	Brecciated qtz. zone. Light molybdenite & Cu. "A" vein	1298	1.7'	Tr.	0.26	0.01	
194.8	197.4	Sheared qtz. zone. Good molybdenite & some Cu. "A" vein	1299	2.6'	Tr.	0.32	0.13	
197.4	198.1	Lost core						
198.1	203.2	Sheared qtz. zone. Good molybdenite & Cu. "A" vein	1300	5.1'	Tr.	0.49	0.07	
203.2	247.7	Hornblende schist with some andesite phases						Some Mo. at 232.0'
247.7	256.0	Qtz. carbonate breccia zone. Very light Cu. & Mo. "A" vein	1301	8.3	Nil	0.13	0.01	Some specular hematite
256.0	261.0	Same as before						
261.0	265.0	Qtz. carbonate breccia zone. Very light molybdenite and copper "A" vein	1302	4.0	Tr.	0.12	0.07	
265.0	281.7	Same as before						

Date of Examination May 31/55

Signed- Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-3

Sheet No. 2

Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Dip

Elev. Collar
Datum
Date Started
Date Completed
Drilled by
Logged by

Latitude
Departure
Bearing

Total Footage



Footage		Formation	Sample Number	Sample Width	GOLD ozs/T	Cu%	Mo%	Remarks
From	To							
281.7	285.3	Sheared qtz. zone. Fair molybdenite & light Copper - "A" vein	1303	3.6'	Tr.	0.12	0.07	Fair Mo. & Cu. in qtz. stringers.
285.3	309.0	Mostly shearing with much qtz. injections						
309.0	326.0	Hornblende schist						Fair Mo. & Cu. in qtz. stringers from 336.0 to 339.0'.
326.0	342.0	Qtz. fels. por. dyke, well sheared in places						
342.0	348.4	Same as before						Light pyrite & some hematite
348.4	354.2	Qtz. carbonate breccia zone						
354.2	373.0	Hornblende schist						
		End of Hole						
		Lost core equals 3.1' or .8%						
		Note: Brecciated zones could be result of cross faulting as there are indications of this in the topography.						

Date of Examination May 31/55.

Signed- Charles Authier *M.A. Lindale*

STRATMAT LTD

TB 51474

DIAMOND DRILL RECORD

Hole No. 16-9

Sheet No. 1

Property Location Project C-16
Big Duck Lake, T.P. District, Ont.

Collar

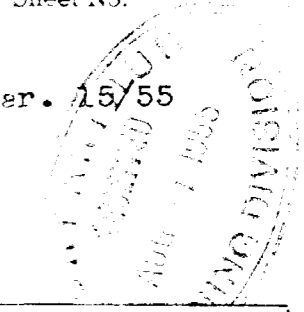
Dip

90°00'

Elev. Collar 10,006.15
Datum Lake Level Mar. 15/55
Date Started June 2/55
Date Completed June 6/55
Drilled by Boyles Bros.
Logged by C. Authier

Latitude Line 15 1900.00 South
Departure Line 15 48.00 East
Bearing Vertical

Total Footage 338'



Footage		Formation	Sample Number	Sample Width	Gold ozs/T	Cu%	Mo%	Remarks
From	To							
0.0	9.0	Casing (casing left in hole)						Hole reamed from 9.0 because of caving. casing driven to 19.0'.
9.0	56.8	Hornblende schist with andesite phases						Much epidote from 43.0 to 45.0'.
56.8	58.4	Lost core						
58.4	82.5	Same as before plus some quartz injections.						Light pyrite at 69 + some epidote at 61.0 & 81.0.
82.5	83.9	Lost core						
83.9	92.2	Same as before						
92.2	93.4	Lost core						
93.4	96.2	Same as before						Light Cu. at 96.0'
96.2	96.7	Lost core						
96.7	105.0	Same as before						
105.0	105.9	Lost core						
105.9	111.8	Same as before but well sheared near end.						Light Pyrite in shearing.
111.8	112.6	Lost core						
112.6	123.5	Mostly well sheared with quartz carbonate injections Light pyrite throughout most of this section and Cu. & Mo. at 120.0'.						
123.5	125.3	Sheared quartz zone. Good pyrite, light Cu. & Mo.	1304	1.8'	0.015	0.49	0.05	
125.3	182.5	Hornblende schist with andesite phases - Narrow stringers from 179.0 to 182.5.						
182.5	184.5	Sheared qtz. carbonate zone. Very good Cu. "A" vein	1305	2.0'	0.055	2.25	0.02	

- See page 2 -

Date of Examination June 7/55.

Signed- Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-9 Sheet No. 2

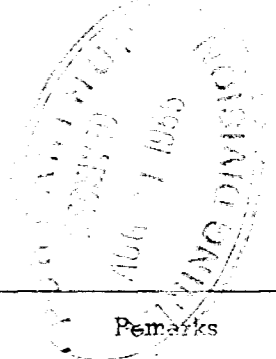
Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Elev. Collar
Datum
Date Started
Date Completed
Drilled by
Logged by

Latitude
Departure
Bearing

Dip

Total Footage



Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton	Cu%	Mo%	Remarks
From	To							
184.5	208.5	Same as before (Section 184.5 to 190.0 sampled)	1341	5.5	.01	.05		
		(" 190.0 to 195.0 ")	1342	5.0	.01	trace		
208.5	211.6	Shearing with qtz, carbonate, lt. cu. & mo. "A" vein	1306	3.1	.01	.35	.02	
		(Section 195.0 to 200.0 sampled)	1343	5.0	.01	.02		
211.6	213.8	Qtz, feldspar porphyry dyke						
		(Section 200.0 to 205.0 sampled)	1344		.01	.07		
213.8	215.0	Sheared qtz. zone. Lt. cu. & mo. "A" vein	1307	1.2	trace	.14	.06	
		(Section 205.0 to 208.5 sampled)	1345	3.5	.01	.10		
215.0	227.0	Hornblende schist with andesite phases						
227.0	227.6	Lost core						
227.6	230.0	Shearing with qtz. Fair copper & light mo.	1308	2.4	.01	.19	.07	
230.0	231.5	Hornblende schist with andesite phases						
231.5	232.0	Lost core						
232.0	285.7	Same as before plus some narrow shear zones						Good copper & some mo. in narrow shear zones
285.7	286.8	Lost core						
286.8	338.0	Hornblende schist with andesite phases						Copper over .3' at 311.0 & mo. in narrow section at 317.0
		End of hole.						
		Lost core = 8.6' or 2.5%						
		<u>NOTE:</u> This hole is 50 ft. west from East border of claim T.B. 51474						

Date of Examination June 7/55

Signed - Charles Authier *M. A. Lunde*

TB 51474

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16.10 Sheet No. 1

Property Project 0-16
 Location Big Duck Lake, T.B. District, Ont.

Collar Dip 90°00'

Elev. Collar 10,015.20
 Datum Lake Level Mar. 15/55
 Date Started June 9/55
 Date Completed " 11/55
 Drilled by Boyles Bros.
 Logged by C. Authier

Latitude Line 13 1887.00' South
 Departure Line 13 89.00' East
 Bearing Vertical

Total Footage 325'

Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
0.0	6.0	Casing. (casing left in hole)						/18.0'
6.0	8.8	Mostly mica schist						Sludge water lost at
8.8	22.0	Quartz feldspar porphyry dyke						
22.0	23.0	Lost core						
23.0	49.0	Same as before plus some mica schist inclusions						
49.0	50.9	Mica schist						
50.9	53.7	Quartz feldspar porphyry dyke						
53.7	57.0	Hornblende schist with some mica schist						
57.0	58.1	Same as before						
58.1	63.2	Hornblende schist						Some copper & magnetite at 60.7
63.2	65.3	Same as before						
65.3	87.9	Hornblende schist with some qtz. carbonate injections						
87.9	88.8	Same as before						Good mo. in stringer at 88.7
88.8	95.6	Hornblende schist with some narrow well sheared sections						Pyrite in shearing from 93.0 to 94.2
95.6	98.6	Same as before						
98.6	114.7	Hornblende schist with shearing from 108.5-110.8						Good copper & mo. from 99.5 to 99.7
114.7	115.4	Lost core						Fair pyrite from 108.5 to 110.8
115.4	126.9	Hornblende schist with andesite phases						

Date of Examination June 13/55

Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16.10 Sheet No. 2

Property Project O-16
Location Big Duck Lake, T.B. District, Ont.

Elev. Collar
Datum
Date Started
Date Completed
Drilled by
Logged by

Latitude
Departure
Bearing

Dip

Total Footage

Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton	Cu%	Mo%	Remarks
From	To							
126.9	127.8	Lost core			2000 lbs			
127.8	143.5	Hornblende schist with andesite phases						
143.5	152.1	Sheared with quartz carbonate injections						Some light cu. & mo. in shearing
152.1	154.6	Sheared quartz zone, light mo. & cu.	1309	2.5	0.015			
154.6	160.5	Sheared with some quartz carbonate injections						Some mo.&cu. in shearing
160.5	161.2	Lost core						
161.2	165.7	Mostly sheared quartz zone, light mo. & cu.	1310	4.5	0.01			
165.7	173.5	Sheared & silicified porphyry. fair mo. & lt. cu.	1311	7.8	0.015		0.03	
173.5	179.0	Mostly barren quartz vein						Light pyrite in qtz vein
179.0	181.5	Sheared with much qtz injections. lt. mo. & cu.	1312	2.5	0.03			
181.5	186.8	Sheared & silicified por. some mo.	1313	5.3	0.01			
186.8	189.0	Sheared with some quartz carbonate injections						Lt. pyrite in shearing
189.0	193.5	" qtz zone. fair mo. & some copper	1314	4.5	trace			
193.5	216.2	Hornblende schist in part well sheared						
216.2	218.5	Mostly sheared qtz zone. fair copper & mo.	1315	2.3	0.02	0.57		
218.5	222.4	Hornblende schist						
222.4	222.9	Lost core						
222.9	238.6	Same as before						Some epidote in places

Date of Examination June 13/55

Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16.10

Sheet No. 3

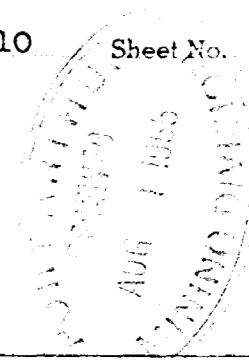
Property Project 0-16
 Location Big Duck Lake, T.B. District, Ont.

Dip

Elev. Collar
 Datum
 Date Started
 Date Completed
 Drilled by
 Logged by

Latitude
 Departure
 Bearing

Total Footage



Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton		Remarks
From	To						
238.6	240.0	Lost core			2000 lbs		
240.0	291.7	Hornblende schist with andesite phases					Some epidote in places
291.7	292.6	Sheared quartz zone. Good copper & fair mo.	1316	0.9	0.015		
292.6	307.3	Mostly andesite with some hornblende schist					
307.3	308.4	Lost core					
308.4	325.0	Same as before					
		End of hole.					
		Lost core = 6.3' or 2%					

Date of Examination June 13/55

Charles Authier M.A. Leindale

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-11 Sheet No. 1

Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Dip
Collar 45°00'

Elev. Collar 10,014.55
Datum Lake Level Mar. 15/55
Date Started June 13/55
Date Completed " 16/55
Drilled by Boyles Bros.
Logged by C. Authier

Latitude Line 12 ¹⁹⁰⁰ ~~190~~.00 South
Departure Line 12 67.00 East
Bearing South 80°00' West Magnetic

Total Footage 235'

Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton	Cu%	Mo%	Remarks
From	To							
0.0	10.0	Casing. (casing & shoe bit left in hole)			2000 lbs			Hole reamed to 21.0 & casing driven to that depth on account of caving
10.0	21.7	Hornblende schist with andesite phases & quartz injections						
21.7	22.8	Lost core						
22.8	53.0	Same as before						Light pyrite at 46.5
53.0	53.7	Sheared qtz zone. Good molybdenite	1317	0.7	0.01			
53.7	54.3	Lost core						
54.3	56.6	Hornblende schist with some qtz carbonate injections						
56.6	58.4	Sheared qtz carbonate zone. Fair molybdenite	1318	1.7	0.015		0.12	
58.4	61.4	Same as before						
61.4	62.7	Lost core						
62.7	66.7	Mostly well sheared with qtz carb. injections						
66.7	67.4	Sheared quartz zone. Good mo.	1319	0.7	0.025		0.30	Lt. mo & cu in shearing
67.4	70.7	Sheared with quartz carbonate injections						
70.7	72.8	Sheared qtz carb. zone. Light mo. & copper	1320	2.1	0.03			
72.8	75.0	Same as before						
75.0	79.1	Sheared qtz. zone. Fair mo. & light copper	1321	4.1	0.015			
79.1	96.1	Hornblende schist with andesite phases						
96.1	97.4	Lost core						

Date of Examination June 17/55

Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-11 Sheet No. 2

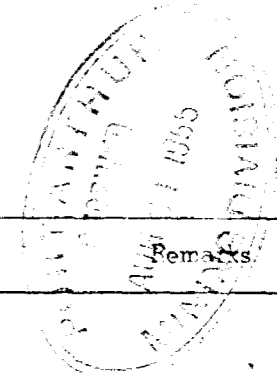
Property Project 0-16
 Location Big Duck Lake, T.B. District, Ont.

Dip

Elev. Collar
 Datum
 Date Started
 Date Completed
 Drilled by
 Logged by

Latitude
 Departure
 Bearing

Total Footage



Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
97.4	110.4	Hornblende schist with andesite phases						
110.4	111.9	Lost core						
111.9	235.0	Same as before						
		End of hole.						
		Lost core = 5.8' or 2.4%						

Date of Examination June 17/55

Charles Authier *M.A. Laidale*

STRATMAT LTD

DIAMOND DRILL RECORD

TB 51474

Hole No. 16-12 Sheet No. 1

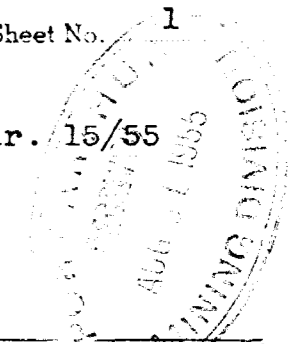
Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Dip
Collar 45°00'

Elev. Collar 10,015.10
Datum Lake Level Mar. 15/55
Date Started June 17/55
Date Completed " 19/55
Drilled by Boyles Bros.
Logged by C. Authier

Latitude Line 10 2133.00' South
Departure Line 10 172.00' East
Bearing S. 63°00' E. Magnetic

Total Footage 221'



Footage		Formation	Sample Number	Sample Width				Remarks
From	To							
0.0	9.0	Casing. (casing left in hole)						
9.0	16.0	Quartz porphyry dyke						
16.0	17.9	Lost core						
17.9	20.9	Same as before						
20.9	21.9	Lost core						
21.9	28.2	Same as before						
28.2	29.1	Lost core						
29.1	55.0	Same as before & sheared last few feet						
55.0	56.6	Hornblende schist						
56.6	57.6	Lost core						
57.6	60.3	Mostly sheared with some qtz, carb. injections						
60.3	62.6	quartz porphyry dyke						
62.6	64.1	Lost core						
64.1	65.5	Same as before						
65.5	66.5	Hornblende schist						
66.5	67.7	Lost core						
67.7	110.7	Same as before plus some andesite phases						Narrow dacite dyke at 80.7
110.7	118.2	Dacite & in part porphyritic						

Date of Examination June 20/55

Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-12 Sheet No. 2

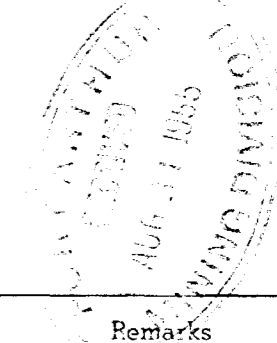
Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Elev. Collar
Datum
Date Started
Date Completed
Drilled by
Logged by

Latitude
Departure
Bearing

Dip

Total Footage



Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton	cu%	mo%	Remarks
From	To							
118.2	151.5	Hornblende schist with andesite phases			2000 lbs			Mostly narrow & barren qtz, carbonates veins at 125.0, 131.0, 139.0 copper over narrow width at 133.0
151.5	152.2	Sheared quartz zone. Good copper	1322	0.7	0.03	0.75		
152.2	155.5	Mostly hornblende schist						
155.5	156.8	Lost core						
156.8	162.4	Sheared with qtz, carb. injections. Lt. copper & molybdenite (Vein "B")	1323	5.6	0.035			
162.4	166.6	Sheared quartz porphyry						Some copper in porphyry Mo. & cu. over narrow widths at 174.0, 176.5 & 177.5
166.6	168.5	Mostly sheared zone. Light copper (Vein "B")	1324	1.8	0.02			
168.4	185.6	Sheared quartz porphyry						
185.6	188.0	Sheared qtz. carbonate zone. Light copper (Vein B)	1325	2.4	0.15			
188.0	198.8	Hornblende schist						
198.8	199.8	Mostly sheared qtz zone. Lt cu & mo. (Vein "B")	1326	1.0	0.57			
199.8	207.1	Hornblende schist with andesite & diorite phases						
207.1	209.0	Sheared zone with some qtz, carbonates. Lt. cu.	1327	1.9	0.015			
209.0	221.0	Same as before						
		End of hole. Lost core = 8.8' or 4%						

Date of Examination June 20/55

Charles Authier *M. A. Laidale*

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-13

Sheet No. 1

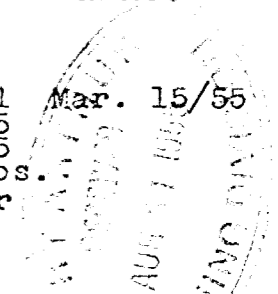
 Property Project 0-16
 Location Big Duck Lake, T.B. District, Ont.

Collar Dip 90°00'

 Elev. Collar 10,005.60
 Datum Lake Level
 Date Started June 20/55
 Date Completed June 22/55
 Drilled by Boyles Bros.
 Logged by C. Authier

 Latitude Line 11 1840.00' South
 Departure Line 11 170.00' East
 Bearing Vertical

Total Footage 184'



Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton	cu%	mo%	Remarks
From	To							
0.0	6.0	Casing. (casing left in hole)			2000 lbs			
6.0	20.0	Mostly hornblende schist						
20.6	29.0	Sheared qtz zone. fair cu. & light mo.	1328	8.4	0.05	0.25		Pyrite & lt. copper in shearing
29.0	35.8	Sheared with quartz. carbonate injections						"
35.8	36.7	Lost core						
36.7	40.3	Same as before						
40.3	41.0	Lost core						
41.0	44.4	Same as before but with more qtz. fair cu & lt.mo.	1329	3.1	0.025	0.55	0.05	Pyrite & some copper in shearing
44.4	49.9	Same as above but with less quartz injections						Some mo. in qtz vein
49.9	52.5	Partly sheared quartz vein						
52.5	53.5	Hornblende schist						
53.5	54.5	Lost core						
54.5	95.0	Mostly hornblende schist with some qtz.injections						Massive epidote at 77.0
95.0	99.1	Sheared qtz. zone. fair mo. & light copper	1330	4.1	0.01	0.02	0.09	
99.1	100.0	Quartz feldspar porphyry dyke						
100.0	102.3	Hornblende schist						
102.3	103.2	Quartz vein						Lt. mo. in qtz. vein
103.2	110.7	Same as before with some qtz., carb. injections						
110.7	111.6	Sheared qtz. zone. fair mo. & light copper	1331	0.9	trace		0.11	

Date of Examination June 23/55

Charles Authier

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-13 Sheet No. 2

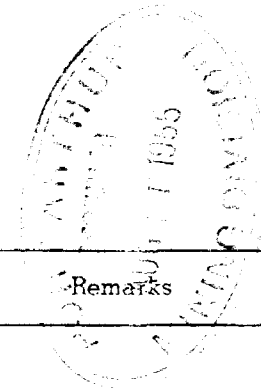
Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Dip

Elev. Collar
Datum
Date Started
Date Completed
Drilled by
Logged by

Latitude
Departure
Bearing

Total Footage



Footage		Formation	Sample Number	Sample Width	Gold ozs/Ton	cu%	mo%	Remarks
From	To							
111.6	112.7	Hornblende schist			2000 lbs			
112.7	115.3	Sheared quartz, carbonate zone. fair mo& lt. cu.	1332	2.6	0.035	0.07	0.04	
115.3	120.4	Same as before						
120.4	121.3	Mostly sheared Qtz. zone. fair cu. & lt. mo.	1333	0.9	0.015	0.35		
121.3	135.4	Hornblende schist with many quartz, carbonate injections						
135.4	144.1	Sheared quartz zone. Fair molybdenite & light copper (Vein "A")	1334	8.7	0.015	0.17		
144.1	145.5	Same as before						
145.5	146.5	Lost core						
146.5	184.0	Hornblende schist with andesite & diorite phases & some quartz, carbonate injections						
		End of hole.						
		Lost core = 3.6' or 2%						

Date of Examination June 23/55

Charles Authier

M.A. Swindle

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-14 Sheet No. 1

Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Dip
Collar 90°00'

Elev. Collar 10,008.05
Datum Lake Level Mar. 15/55
Date Started June 22/55
Date Completed " 25/55
Drilled by Boyles Bros.
Logged by C. Authier

Latitude Line 11 1780.00 South
Departure Line 11 60.00 East
Bearing Vertical

Total Footage 243'

Footage		Formation	Sample Number	Sample Width	cu%	mo%	Remarks
From	To						
0.0	3.0	Casing. (casing left in hole)					
3.0	9.5	Mostly andesite with some dioritic phases					
9.5	11.1	Lost core					
11.1	59.3	Same as before & in part altered to hornblende sch.					
59.3	62.8	Partly sheared quartz zone					Lt. cu. & some mo. & magnetite in qtz zone
62.8	123.7	Same as before plus some qtz. carbonate injections					
123.7	126.0	Sheared qtz. zone. Good mo. & fair copper	1335	2.3	0.25	0.13	
126.0	145.9	Hornblende schist with qtz. carbonate injections					
145.9	146.8	Sheared qtz. carbonate zone. Lt. mo. & cu.	1336	0.9	0.05	0.03	
146.8	243.0	Same as before					
		End of hole.					
		Lost core = 1.6' or 7%					
		There is indication of a northly displacement of the zones in this hole. The north trending fault could be between 16-13 & 16-14 drill holes as there is a depression which traverses the point of land at that locality. See enclosed map.					

Date of Examination June 26-55

Charles Authier

M.A. Lindell

STRATMAT LTD

DIAMOND DRILL RECORD

Hole No. 16-15 Sheet No. 1

Property Project 0-16
Location Big Duck Lake, T.B. District, Ont.

Dip
Collar 90°00'

Elev. Collar 10,008.95
Datum Lake Level Mar. 15/55
Date Started June 27/55
Date Completed " 27/55
Drilled by Boyles Bros.
Logged by C. Authier

Latitude Line 10 1750.00' South
Departure Line 10 140.00' East
Bearing Vertical

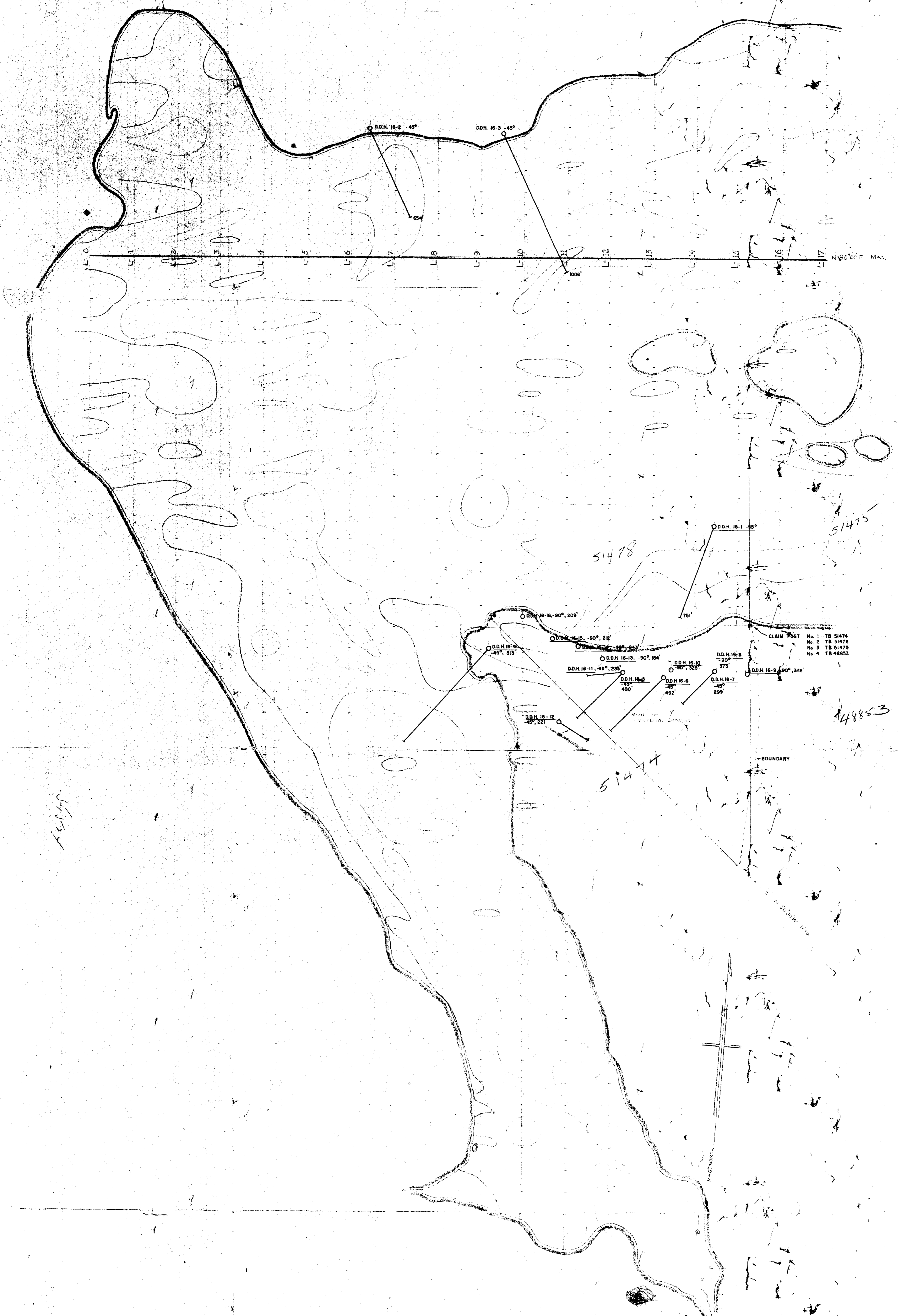
Total Footage 212'

Footage		Formation	Sample Number	Sample Width	cu%	mo%	Remarks
From	To						
0.0	6.0	Casing. (casing left in hold)					Reamed from 3.0 to 6.0 & lowered casing to 6.0. Broken ground. Very good mo. over .1' at 44.5
6.0	45.6	Mostly andesite & diorite in part altered to hornblende (schist)					
45.6	46.2	Lost core					
46.2	56.8	Same as before					
56.8	57.4	Lost core					
57.4	68.7	Same as before					
68.7	69.7	Lost core					
69.7	79.0	Hornblende schist with much carbonate & quartz injections					
79.0	82.1	Sheared quartz zone. Light copper	1337	3.1	0.07	0.08	
82.1	142.7	Hornblende schist with andesite & diorite phases					Good mo. over .2' at 122.0
142.7	150.0	Mostly precciated calcite zone					No mineral noted in breccia zone
150.0	186.0	Same as before					
186.0	189.0	Mostly well sheared					Pyrite with some cu. in shearing
189.0	212.0	Same as before plus some qtz. carb. injections					Barren qtz. vein at 205.0
		End of hole.					
		Lost core = 2.2' or 1%					

Date of Examination June 28/55

Charles Authier

M.A. Laidale



LEGEND

- 100 x 10⁶ OHMS CMS.
- 200
- 500
- MINZ VEHZ * PITS

STRATMAT LTD.
BIG DUCK LAKE GROUP
RESISTIVITY SURVEY PLAN
 OF
WEST HALF OF LAKE
Diamond drilling

DATE: 2-10-55 SCALE: 1"=200'
 FEB 14 1955

