



31M04SW0031 14 STRATHCONA

010

# Diamond Drilling

Township OF STRATHCONA

Report N<sup>o</sup>: 14

Work performed by: New Minda-Scotia Mines Ltd.

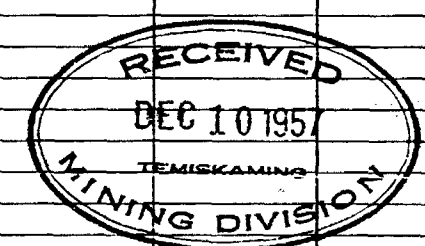
Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
T 38254	A-1	1,536'	Mar--Apr/57	
T 38245	A-2	946'	Apr--May/57	
	A-3	366'	May/57	
		<u>2848'</u>		

Notes:

## DIAMOND DRILL RECORD — NEW MINDA-SCOTIA MINES LIMITED

Started March 9, 1956 Purpose To explore for metadiorite sill ; cross section Hole No. A-1  
 Completed April 13, 1957. Depth 1536 Feet Sheet No. 1 of A-1  
 Twp. Strathcona Claim T 38254 Group Plaskett Zone \_\_\_\_\_  
 Lat. 10000.00 N Dep. 10000.66 E Az. 148 degrees Elev. 9000 (Lake El. Dips Collar -35 ,

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION					
From	To					% Cu.	ozs. Au				Cu x W	Au x W	x W	x W
0.0	10.0	Casing - bedrock at three feet .												
10.0	10.1	Diorite - fine grain ,andesitic , contacts 50 degrees to core ,light green in colour .												
10.1	20.2	Rhyolite -siliceous , probably an inclusion in the chilled edge of the above dyke .												
10.2	26.5	Diorite - as above at contact becoming medium grain , finely speckled with flecks of leucoxene . Lower contact chilled as upper 50 degrees to the core . Few scattered quartz-carbonate veinlets 20 degrees to the core @ 14.0 hematized slip 40 degrees to the core @ 24.5 Quartz- carbonate veinlet with minor chalcopyrite 55 degrees to the core .												
26.5	45.0	Rhyolite - much shearing and carbonation 50 degrees to the core especially from 29.0 to 32.0 @ 29.0 slip 50 degrees to core ,minor chalcopyrite associated with carbonation												
45.0	46.0	Diorite -pale green , contacts 50 degrees to core -rhyolite brecciated along its contacts												
46.0	49.5	rhyolite -siliceous ,some fragmental material.												
49.5	50.0	Diorite -as above .												
50.0	78.0	Rhyolite												
50.0	55.0	breccia ,prominent fragments ,lination 50 degrees to core , ,some pyrite-chalcopyrite replacement of the contacts of these fragments . Minor quartz- carbonate veinlets 50 degrees to the core .												
55.0	78.0	mainly typical with prominent fragments at 73.5 -lination on these 55 degrees to core .												
78.0	81.0	Diorite -pale green , fine grain chilled contacts 50 degrees to the core .												
81.0	129.2	Rhyolite -												
81.0	100.0	brecciated with light pyrite and possibly some chalcopyrite associated with chloritization @ 97.8 one half inch stringer of pyrite in calcite veinlet 45 degrees to the core												
100.0	109.0	typical with diorite dyklets 50 degrees to core at 104.0,105.5 ,106.0-106.5.												
109.0	129.2	brecciated as above .												
129.2	131.5	Diorite - pale green,contacts chilled and 50 degrees to core -some inclusions of rhyolite .												
131.5	157.0	Rhyolite -												
131.5	134.0	Typical												
134.0	140.0	brecciated ,barren to sparse pyritization												
140.0	160.6	typical												
160.6	195.0	fault zone ,much fault breccia cemented with hematized material and calcite ,numerous slips and pink calcite veinlets 50 degrees to core . Some vuggy veins .												
195.0	198.0	as above but with minor fracturing , rock is dioritic appearing ,minor leucoxene noted .												
198.0	202.0	as above but fractured 45 degrees to the core .												
202.0	214.5	as 195.0- 198.0 with some rounded "quartz eyes "												



Drilled by Bradville Drilling & Exploration Ltd .

Logged by Ben W. Chechak  
*Ben W. Chechak*

## DIAMOND DRILL RECORD —

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. A-1  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 2 of A-1  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu.	ozs. Au		Cu x W	Au x W	x W	x W	
214.5	222.5	brecciated with up to 5 % pyrite replacement along the edges of the fragments, scattered hematized slips 45 degrees to the core.											
222.5	226.0	prominent mottled appearance due to selective alteration of the matrix by chloritization and other portions by carbonation. scattered one quarter inch quartz-carbonate veinlets 45 degrees to the core.											
226.0	263.0	brecciated with some pink calcite veinlets ten and 45 degrees to the core, pyritized as above.											
228.0	230.0	sheared 65 degrees to the core.											
263.0	277.0	fault zone similar to 160.5 to 195.0 consisting of shattered recrystallized rhyolite much carbonation and cut by many hematized slips 50 degrees to the core.											
		@ 275.0 ankeritic deposition in calcite veinlet 60 degrees to core.											
277.0	297.0	sugary textured rhyolite, porphyritic in places, rock is mylonitized, contact with below 70 degrees to core.											
297.0	322.0	brecciated, pale green with many pink calcite veinlets 10 and 45 degrees to core.											
299.0	300.0	strong shearing 90 degrees to core.											
322.0	340.0	massive pale green flow with flow lineation 55 degrees to core, irregular patches of quartz-carbonate.											
334.0	336.0	brecciated along shear 70 degrees to core.											
340.0	354.0	brecciated some fragmental material, light grey green.											
354.0	375.0	as above but darker and generally shattered.											
		@ 354.0 1/4 inch bleb of chalcopyrite associated with epidote, many quartz-carbonate veinlets 50 to 70 degrees to core.											
376.0	401.0	pale green with veinlets as above.											
401.0	435.0	sheared 80 degrees to core, abundant sericite and free carbonate.											
414.0	424.0	mainly carbonate with inclusions of highly sheared and carbonated rhyolite cutting the core at 45 degrees, about 5% disseminated pyrite and some chalcopyrite.											
414.0	419.0		1	5.0	5.0								
419.0	421.0		2	2.0	7.0								
421.0	424.0		3	3.0	10.0								
424.0	428.0	pale green rhyolite as above.											
428.0	435.0	Lost											
435.0	437.0	highly carbonated and sheared 60 degrees to core.											
437.0	442.0	carbonated as from 414.0 to 424.0, much mylonitized rock included, less mineralized.											
442.0	457.0	carbonated with some fragments up to one inch in diameter with peripheral replacement with minor pyrite and possibly some chalcopyrite.											
457.0	460.0	Tuff - bedded and sheared 70 degrees to core some quartz-carbonate veinlets.											

Drilled by \_\_\_\_\_

Logged by Ben . W. Chechak

**DIAMOND DRILL RECORD — NEW MINDA SCOTIA MINES LIMITED**

*Timagami*

Started \_\_\_\_\_

Purpose \_\_\_\_\_

Hole No. A-1

Completed \_\_\_\_\_

Depth \_\_\_\_\_

Sheet No. 3 of A-1

Twp. \_\_\_\_\_

Claim \_\_\_\_\_

Group \_\_\_\_\_

Zone \_\_\_\_\_

Lat. \_\_\_\_\_

Dep. \_\_\_\_\_

Az. \_\_\_\_\_

Elev. \_\_\_\_\_

Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu.	ozs. Au					Cu x W	Au x W
660.0	601.5	Rhyolite - tuffaceous to 653.0 - scattered fragments											
653.0	673.0	rather massive with fragments either very small or absent.											
673.0	772.0	fragmental rhyolite, considerable mylonitization from 681.0 to 731.0.											
681.0	681.5	diorite dyket with contacts 70 degrees to core.											
692.0	692.3	Lamprophyre dyket 60 degrees to core											
697.0	697.2	" " 30 "	" "										
712.0	712.3	" " 70 "	" "										
712.5	712.8	" " 60 "	" "										
716.0	716.2	" " 60 "	" "										
718.0	718.3	" " 60 "	" "										
729.5	729.6	" " 60 "	" "										
731.0	731.2	" " 60 "	" "										
		@ 766.0 mafic segregation 70 degrees to the core with notable chalcopryite flecks.											
772.0	777.0	prominent fragments with lineation of these 70 degrees to the core.											
777.0	827.0	much material of tuffaceous origin, pale grey to greenish, generally sheared 70 degrees to the core.											
		@ 801.0 small fleck of what appeared to be tourmaline with which is associated chalcopryite mineralization.											
827.0	847.0	light chloritization, prominent fragments and much tuffaceous material most of the core sheared 70 to core.											
847.0	850.0	as 777.0 - 827.0.											
850.0	858.0	chloritic as above.											
		@ 858.0 1/2 inch quartz vein 70 degrees to core minor chalcopryite.											
858.0	874.0	much fine tuffaceous material throughout, lineation of larger fragments 50 degrees to core, shearing 70 degrees to core. Yellowish - green color.											
874.0	894.0	prominent fragments up to 2 inches in diameter, lineation 60 degrees to core, grey color.											
894.0	913.5	as 858.0 to 874.0.											
913.5	940.0	fragments medium sized, chloritized throughout, lineation 60 degrees to core.											
940.0	941.0	Diorite - pale green, fine grain, carbonated, contacts 65 degrees to core.											
941.0	981.0	Rhyolite -											
941.0	962.0	light chloritization, some tuff and scattered fragments, contacts with below gradational.											
962.0	981.0	much included tuff, sericitized and sheared along linear direction of 70 degrees to core:											
		@ 977.5 1/2 inch vuggy quartz vein 45 degrees to core.											
981.0	984.5	Diorite - as above											
984.5	1013.0	Rhyolite - silicified and leached, prominent fragments.											

Drilled by Bradville Drilling & Exploration Ltd.

Logged by B.W. Chechak

# DIAMOND DRILL RECORD —

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. 44  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 4 of 1  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips Collar 35, 200 35, 400 35, 600 25, 800 22.  
1000 19, 1200 14, 1400 14.

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION					
From	To					% Cu	ozs. Au		Cu x W	Au x W	x W	x W		
1013.0	1018.5	Diorite												
		as above with fine flecks of leucopene												
1018.5	1258.5	Rhyolite												
		highly silicified with numerous silicified fragments												
1025.0	1027.0	granitized & highly silicified												
1042.0	1046.0	intense sericitization, leached, sheared 70 degrees to core												
1046.0	1074.0	brown ankeritic carbonation, sheared as above but fading out near the lower contact												
1074.0	1092.5	highly tuffaceous, sheared 70 degrees to core, chloritized, upper contact 60 degrees to core lower contact 45 degrees to core												
1092.5	1118.0	leached & carbonated, sheared 60 degrees to core, 3 inch quartz carbonate stringers at 1103.5; 1104.5												
1118.0	1134.0	rock intensely sheared 70 degrees to core, contacts blended, prominent rectangular shaped metacrysts - noted absence of fragmental material												
1134.0	1158.0	highly sericitized and carbonated, whitish yellow colour, free carbonate patches throughout, @ 1287.0 1/2 inch lamprophyre dyke 70 degrees to core												
1158.0	1167.0	prominent fragments, pale green colour												
1167.0	1174.0	dark green intermediate type chloritized flow with lamination 50 to 60 degrees to core												
1174.0	1251.0	pale green grey with abundant medium sized fragments												
1251.0	1258.5	highly sericitized as from 1092.5 to 1118.0												
1258.5	1259.0	Lamprophyre												
		dark with some biotite, contacts 70 degrees to the core												
<del>1259.0</del>	<del>1265.5</del>	<del>Diorite</del>												
1259.0	1265.5	Diorite - fine grain, granular texture some inclusions of rhyolite near the upper contact												
1265.5	1406.0	Rhyolite												
		breccia with lamination of the fragments 65 to 70 degrees to the core, generally green to somewhat leached												
1280.0	1334.0	brown ankeritic carbonation, fragments throughout some of these rectangular in outline, other smaller phenocrysts also rectangular similar to 1118.0 to 1134.0												
1334.0	1336.0	pale green, tuffaceous, scattered fragments, lightly sheared 80 degrees to core @ 1316.0 slip 45 degrees to the core												
1336.0	1337.0	dioritic inclusion, contacts 75 degrees to the core, enclosing rhyolite is brecciated near its own tests												

Drilled by Bradville Diamond Drilling

Logged by B.W. Chechak

DIAMOND DRILL RECORD —

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. A-1  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 5 of A-1  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu	ozs. Au		Cu x W	Au x W	x W	x W	
1398.0	1398.0	@ 1336.0 slip 70 degrees to the core .											
1396.0	1396.4	lineation 75 degrees to core , fragments less prominent . @ 1355.0 minor pyrite .											
1396.4	1398.5	chloritized and carbonated dioritic phase , could be small altered dyke of diorite , contacts 65 degrees to the core . 1 to 2 % disseminated chalcopyrite											
1398.5	1400.0	typical											
1400.0	1406.0	as above											
1406.0	1409.5	typical											
	1410.0	Diorite fine grain , contacts 65 degrees to the core fine specks of leucoxene , carbonated with irregular calcite veinlets , fine disseminated chalcopyrite .											
1409.5	1410.0	Rhyolite - inclusion											
1410.0	1425.0	Diorite as above with fine specks of leucoxene , minor rare chalcopyrite associated with quartz carbonate veinlets ( see 1426.0 ) , Many other veinlets 30 & 45 degrees to the core .											
1425.0	1490.0	Rhyolite siliceous fragmental , lineation 60 degrees to the core .											
1441.0	1444.0	Lost											
1444.0	1463.0	much tuff , lineation 55 degrees to core , sheared 60 degrees to core , scattered small quartz carbonate veinlets . 1447.0 to 1451.0 lost .											
1463.0	1490.0	fine grain , intense silicification , scattered fragments											
1484.5	1488.0	Lost											
1490.0	1495.0	Diorite fine grain andesitic , contacts 80 degrees to the core .											
1495.0	1536.0	Rhyolite scattered fragments throughout with silicified and sericitized sections , from 1498.0 1501.0 carbonate veinlets 60 degrees to core shearing 60 degrees to core .											
1535.0	1536.0	sheared 80 degrees to core											
	1536.0	END OF HOLE .											

B.W. Chechak

Drilled by \_\_\_\_\_

Logged by \_\_\_\_\_

**DIAMOND DRILL RECORD — New Minda - Scotia Mines Limited**

Started April 18, 1957

Purpose To explore rhyolite andesite contact, structural information .

Hole No. A- 2

Completed May 1, 1957

Depth 946.0 feet

Sheet No. 1 of A-2

Twp. Strathcona

Claim T 38245

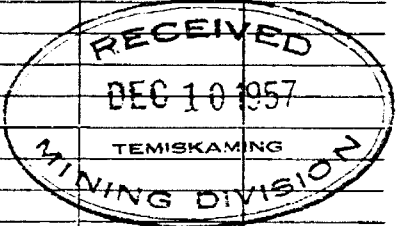
Group Plaskett

Zone \_\_\_\_\_

Lat. 11254 (Approx) Dep. 9316 (Approx) Az. 148 degrees Elev. 9000

Dips collar 45, 400' 49 degrees, 800' 33 degree

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu.	ozs. Au				Cu x W	Au x W	x W
0.0	10.0	Casing											
10.0	29.5	Rhyolite											
		sheared 50 degrees to the core, chloritized, sericitized and carbonated. Andesitic phases.											
18.0	18.5	carbonate veinlet 30 degrees to the core											
19.0	29.5	intense carbonation in lattice work of fractures - much free calcite, from 26.0 to 27.0 minor chalcopyrite blebs.											
29.5	32.0	Diorite											
		contacts 50 degrees to the core, chloritized, carbonated, medium grain.											
32.0	401.0	Rhyolite											
32.0	52.5	sheared 50 degrees to the core, chloritized, carbonated - scattered pyrite, pyrrhotite and sparse chalcopyrite as cubes and light dissemination. @ 37.0 narrow dyklet of diorite highly chloritized and flecks of leucoxene.											
52.5	70.5	as above with dyklets of leucoxene rich chloritized diorite from 53.0-53.5, 54.0-55.0, 61.0-62.5, 69.0-70.5, lamination throughout the rock 40 degrees to the core.											
70.5	86.0	much carbonated, narrow sections of leucoxene rich dioritic rock ( injected phase of the metadiorite ) pyrite and pyrrhotite mineralization throughout. @ 71.0 1" of 10% pyrite, pyrrhotite and some chalcopyrite. @ 78.0 " " " "											
86.0	104.0	light grey, tuffaceous, barren, lamination 45 degrees to the core.											
104.0	127.0	fine grain banded 55 degrees to the core.											
104.0	106.0	2% disseminated chalcopyrite	No 4	2.0	2.0								
106.0	108.0	barren	5	2.0	4.0								
108.0	112.5	scattered blebs of chalcopyrite											
108.0	109.0	blebs of chalcopyrite up to 1/2 inch across.	6	1.0	5.0								
109.0	112.5		7	3.5	8.5								
112.5	118.0	scattered cube pyrite and chalcopyrite see 1/2 inch bleb at 112.5 1/2 inch cubes at 113.5.	8	5.5	14.0								



Drilled by Bradville Drilling & Exploration Ltd .

Logged by B.W. Chechak

*B. W. Chechak*

**DIAMOND DRILL RECORD — New Minda -Sootia Mines Limited**

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. \_\_\_\_\_  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 2 of A-2  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu	ozs. Au			Cu x W	Au x W	x W	x W
118.0	120.5	carbonate masses contorted scattered chalcopyrite	9	2.5	16.5								
120.5	123.0	slatty and barren	10	2.5	19.0								
123.0	127.0	granular, could be sedimentary in part barren to sparse mineralization	11	4.0	23.0								
127.0	128.3	ash like band with lower contact 25 degrees to core upper 60 degrees to core @ 27.9 1" of cube pyrite & chalcopyrite @ 132.0 1/2 " @ 135.5 1" "											
128.3	131.0	scattered sulphides	12	1.3	24.3								
			13	2.7	27.0								
131.0	135.5	"	14.0	4.5	31.5								
135.5	140.5	much tuffaceous material, lination 50 degrees to the core, sparse to barren,	15.0	5.0	36.5								
140.5	149.5	slaty, some graphite, sheared 50 degrees to the core, minor cube pyrite.	16	5.0	41.5								
140.5	145.5		17	4.0	45.5								
145.5	149.5		18	5.5	51.0								
149.5	162.0	grey granular, lination 50 degrees to the core.	19	7.0	58.0								
149.5	155.0		20	5.0	63.0								
155.0	162.0		21.0	5.0	68.0								
162.0	182.0	intense sericitization, contorted and generally sheared 45 degrees to the core scattered pyrrhotite and pyrite @ 177.0 1" of massive pyrite chalcopyrite	22	5.0	73.0								
162.0	167.0		23	5.0	78.0								
167.0	172.0												
172.0	177.0												
177.0	182.0												
182.0	199.0	as above but not contorted and barren											

Drilled by Bradville

Logged by B.W. Chechak



**DIAMOND DRILL RECORD — New Minda - Scotia Mines Limited**

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. \_\_\_\_\_  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 3 of A-2  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu	ozs. Au			Cu x W	Au x W	x W	x W
199.0	219.0	contorted and barren											
219.0	224.0	more massive with stockworks of calcite veinlets											
224.0	234.0	sericitized, yellowish, contorted											
234.0	250.0	granular, some tuffaceous material, lamination fifty degrees to the core											
250.0	277.0	as above but scattered small fragments											
277.0	346.0	grey to yellowish green, carbonated, prominent lamination 55 degrees to core parallel to shearing											
346.0	358.0	zone of intense leaching and sericitization											
358.0	401.0	grey green											
401.0	412.0	Diorite fine grain with leucoxene alteration, contacts 60 degrees to the core											
412.0	425.0	Rhyolite grey with lamination 50 degrees to core becoming massive after 425.0 @ 424.0 1" of disseminated pyrite @ 424.0 1' of irregular pink calcite veinlets											
425.0	430.5	Diorite pink calcite and minor chalcopyrite mineralization near the upper contact. Lower contact chilled and 67 degrees to the core											
430.5	589.0	Rhyolite granular grey, some small fragmental material becoming larger with depth. @ 475.0 1" dyklet of diorite 60 degrees to the core some free quartz @ 565.0 lamination 70 degrees to the core											
530.0	565.0												
565.0	576.0	grey, fine grain, fragments obscure or absent											
576.0	589.0	intense silicification											
589.0	590.1	Diorite fine grain, contacts 60 degrees to the core											
590.0	665.0	Rhyolite lamination 60 degrees to the core, grey, fine fragments											
590.0	618.0												
618.0	665.0	carbonated, silicified, whitish, barren											
665.0	682.0	Diorite contacts 60 degrees to the core, fine grain, leucoxene alteration, carbonated along fractures fleck of chalcopyrite at 670.0											

Drilled by \_\_\_\_\_  
 Bradville

Logged by \_\_\_\_\_  
 B.W. Chechak

**DIAMOND DRILL RECORD — New Mine - Scotia Mines Limited**

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. \_\_\_\_\_  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 4 of A-2  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS			ACCUMULATIVE EXTENSION				
From	To					% Cu.	ozs. Au		Cu x W	Au x W	x W	x W	
682.0	751.0	Rhyolite											
682.0	746.0	sheared fine fragmental near contact fading after 700.0 , barren											
746.0	751.0	some tuffaceous fragments .											
751.0	752.0	Diorite											
752.0	765.0	contacts 60 degrees to the core , fine grain , carbonate veinlets throughout . fine grain , scattered small fragments , barren .											
765.0	766.0	Diorite as above											
766.0	946.0	Rhyolite											
766.0	784.0	- fine disseminated pyrite throughout ( 1% ) sericitized and sheared 70 degrees to the core											
784.0	809.0	fine grain massive rhyolite , small fragments											
804.0	805.0	minor disseminated pyrite and chalcopyrite .											
809.0	853.0	lineation 60 degrees to core fragments obscure . @ 833.5 minor disseminated pyrite .											
853.0	871.0	prominent fragments , lineation 60 degrees to the core , barren .											
871.0	877.0	highly silicified .											
877.0	881.0	lost core , probably some disseminated sulphides ground ??..											
881.0	882.0	6% disseminated chalcopyrite with 10% magnetite 24 1.0 79.0											
882.0	946.0	fine grain , fragments small and not prominent											
923.0	930.0	much carbonation , gradational with above .											
930.0	933.0	chloritized , minor pyrite and probably some chalcopyrite .											
933.0	946.0	sericitized , minor disseminated pyrite , pyrrhotite and probably some chalcopyrite . Hole normally would be continued somewhat further but in the time allotted another hole to intersect the material near the collar most urgent . Casing will be left in .											
	946.0	END OF HOLE											

Drilled by Bradville Drilling & Exploration Limited

Logged by B.W. Chechak

DIAMOND DRILL RECORD — NEW MINDA-SCOTIA MINES LIMITED

May 2, 1957

Started \_\_\_\_\_

Purpose Depth intersection of sulphide zone  
cut in hole A-2.

Hole No. A-3

Completed May 4, 1957

Depth 366 feet

Sheet No. 1 of A-3

Twp. Strathcona

Claim T-38248

Group Axe Narrows

Zone Sulphide

Lat. 11,256 N

Dep. 9,315 E

Az. 148 degrees

Elev. 9,000

Dips Collar - -75 degrees

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS				ACCUMULATIVE EXTENSION			
From	To					% Cu.	ozs. Au	NI	CO	Cu x W	Au x W	x W	x W
0.0	8.0	Casing											
8.0	210.5	Rhyolite											
57.0	109.0	barren, chloritized and carbonated throughout, sheared 25 degrees to core, some calcite veinlets. zone of heavy chloritization, many narrow dyklets of diorite showing leucoxene alteration											
57.0	75.0	large rectangular crystals of calcite, 2-5% disseminated pyrite and minor chalcopyrite (Carbonate-diorite porphyry type). @ 75.0 slip 10 degrees to the core, some associated pink calcite.											
109.0	178.0	barren, gray, massive rhyolite flow, ribboned with irregular calcite veinlets and patches. Phases of this rock resemble contact phase of meta-diorite. @ 119.0 slip 25 degrees to the core.											
116.0	119.0	minor pyrite and chalcopyrite.											
178.0	210.5	dark color, well banded, sheared slaty rhyolite, graphite deposition along dip slips, much dissemination and cubes of pyrite and chalcopyrite, scattered carbonate stringers especially in zones of sulphidization.											
178.0	179.5	5% sulphides											
179.5	184.5	minor to barren sulphides	25	5.0	5.0	.03		N.I.					
184.5	187.0	5% to barren sulphides	26	2.5	7.5	.03		N.I.					
187.0	190.0	barren, well banded 25 degrees to core	27	3.0	10.5	.03		N.I.					
190.0	194.0	"	28	4.0	14.5	.03		N.I.					
194.0	195.5	10% pyrite & chalcopyrite heavy carbonation.	29	1.5	16.0	.06		N.I.	None				
195.5	200.5	minor to light sulphides	30	5.0	21.0	.02		N.I.					
200.5	205.5	"	31	5.0	26.0	.01		N.I.					
205.5	210.5	"	32	5.0	31.0	.02		N.I.					
210.5	213.5	Diorite	33	3.5	34.5	.03		N.I.					
		grey, carbonated, fine grain, minor chalcopyrite and light leucoxene alteration.											
213.5	228.0	Rhyolite											
		barren to minor sulphidization, heavy shearing 20 degrees to core, some graphite.											
213.5	218.5	graphitic	34	5.0	39.5	.02		N.I.					
218.5	221.5	typical, minor chalco.	35	3.0	42.5	.02		N.I.					
221.5	225.5	graphitic	36	4.0	46.5	.02		N.I.					

Drilled by Bradville Drilling & Exploration

Logged by B.W. Chechak

*B. W. Chechak*

**DIAMOND DRILL RECORD - NEW MINDA - SCOTIA MINES LIMITED**

Started \_\_\_\_\_ Purpose \_\_\_\_\_ Hole No. A-3  
 Completed \_\_\_\_\_ Depth \_\_\_\_\_ Sheet No. 2 of A-3  
 Twp. \_\_\_\_\_ Claim \_\_\_\_\_ Group \_\_\_\_\_ Zone \_\_\_\_\_  
 Lat. \_\_\_\_\_ Dep. \_\_\_\_\_ Az. \_\_\_\_\_ Elev. \_\_\_\_\_ Dips \_\_\_\_\_

FOOTAGE		DESCRIPTION	Sample No.	Width	Accum. Width	ASSAYS				ACCUMULATIVE EXTENSION			
From	To					% Cu.	ozs. Au	Ni	Co	Cu x W	Au x W	x W	x W
225.5	228.0	lineation 30 degrees to the core	37	2.5	49.0	.02		Nil	60				
228.0	242.0	Diorite fine grain, later, gray color, carbonated and cut by quartz veinlets 60 degrees and irregular to core minor disseminated and cubes of pyrite and chalcoppyrite.											
228.0	236.0		44	8.0	57.0	.02		Nil					
236.0	245.0		45	9.0	66.0	.02		Nil					
242.0	366.0	Rhyolite black, slaty, pyritized, graphitic.											
245.0	250.0	heavy shearing, some pyrite and chalcoppyrite, @ 247.5 feet of gouge, 30 degrees to the core.	38	5.0	71.0	.02		Nil					
250.0	252.0	barren	39	2.0	73.0	Nil		Nil					
252.0	255.0	gray fragmental, lineation 25 degrees to the core.	40	3.0	76.0	.02		Nil					
255.0	259.0	minor chalcoppyrite & pyrite	41	4.0	80.0	.02		Nil					
259.0	263.0	gray, barren	42	4.0	84.0	.02		Nil					
263.0	270.5	lineation 25 degrees to, scattered cubes and disseminations of pyrite and chalcoppyrite, numerous faults parallel to the shear direction.											
270.5	285.0	more massive, dioritic appearing flow, ribboned with calcite veinlets & patches, some cube pyrite along vuggy tension fractures.											
285.0	290.0	intensely sheared, prominent change to sericitic alteration, erratic cube pyrite - see 319.5, 335.0 to 335.5.											
290.0	366.0	much contortion - indicative of folded structure, general shearing 10 degrees to core.											
306.0	366.0	intense shearing.											
339.0	342.0												
	366.0	<u>END OF HOLE</u>											
179.5	263.0		Comp					Nil					

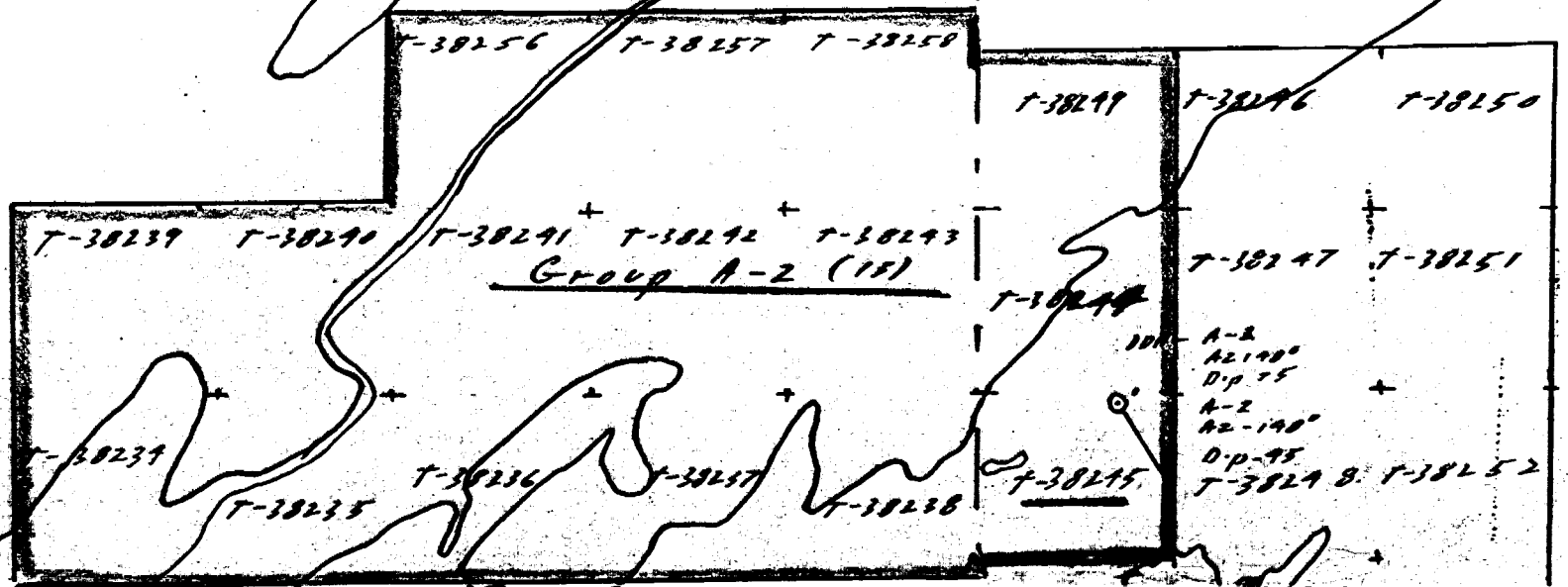
Drilled by Bradville Drilling & Exploration

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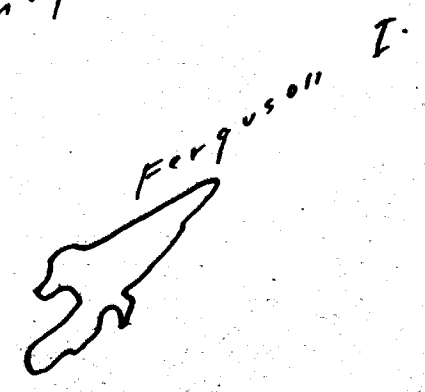
Brigg's top.

St. Catharines top.

Temp. Lane



North East Arm  
Lake Temagami



T-39937-93 incl  
90090 + 90091  
to Be Dropped.

New Minda-Scotia Mines  
 Limited  
 Axe Narrows Group  
 Lake Temagami Area, Ontario  
 Claims and Diamond Drill Plan  
 Scale 1" = 1320'  
 Dec 9, 1957 B.W. checkat.