



42A07NE0166 11 BOND

010

Diamond Drilling

Township of Bond

Report N^o: 11

Work performed by: Moreaw Woodard & Co.

Claim N ^o	Hole N ^o	Footage	Date	Note
L 95589	1	732'	Mar/66	
	3	396'	May/66	
	10	500'	July/66	
L 9588	2	554'	Apr/66	

Notes:

MOREAU WOODARD & COMPANY LTD.

GEOPHYSICAL SURVEYS

FOUR TOWNSHIPS PROJECT

DIAMOND DRILL HOLE #1

CLAIM - 195589

DIRECTION - N28° W

TOWNSHIP - Bond

DEPTH - 732

COORDINATES - 2+00S 12+00W

DRILLED - March, 1966.

ANGLE - Collar - 50°
300' - 50°
600' - 34°

- 0 - 108 Casing in overburden (clay, sand, gravel)
- 108 - 114 Alternating thin - bedded Greywack and dark Argillite, bedding at 40° to core axis.
- 114 - 147.5 Grey Argillite, thin bedded, occasional lenses Pyrite, traces Pyrrhotite.
- 147.5 - 263 Thin- bedded graphitic slate with occasional Pyrite layers - average 5 - 10% sulfides.
- 148.5 - 150, 152-3, 158.7 - 160, 162 - 5, 170 - 3, 177 - 8, 183 - 4, 186 - 7, core lost.
- 200' - bedding at 45° to core axis
- 223 - 235 - Increased brecciation with quartz, rare splashes sphalerite, chalcopyrite with pyrite increasing with depth.
- 245 - 263 - 10 - 15% sulfides, increased chalcopyrite and sphalerite, estimate less than 3% combined.
- 263 - 275 Quartz - Feldspar Porphyry, fine grained at contacts.
- 275 - 312 Graphitic slate, increasing cp/py ratio, rare small blebs sphalerite.
- 300' - bedding at 50° to core axis.
- 312 - 361 Quartz - feldspars porphyry - fair content of pyrite, mostly in fractures - minor traces of sphalerite.

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- 361 - 447.5 Graphitic slate as above with notable sphalerite and galena content, both parallel to bedding and in cross-fractures, minor chalcopyrite to 386, decreased sphalerite from 400'.
- 400' - bedding at 55° core axis
440' - bedding at 70° core axis
- 447.5 - 448 Rhyolite or silicified andesite with pyrite.
- 448 - 530 Andesite, slight brecciation and carbonation.
525 - 530 veins with quartz and pyrite.
- 530 - 542 Coarse grained diorite, may be alteration or phase of andesite flow.
- 542 - 572 Carbonated dacite (?) tuff, bedding at 70°.
542-550 minor pyrite some chalcopyrite in quartz breccia.
- 572 - 590 Fine-grained andesite, some quartz veined brecciation.
- 590 - 598 Banded dacitic tuff.
- 598 - 609 Banded, brecciated, silicified rhyolite tuff. Fair pyrite, minor galena and chalcopyrite.
- 609 - 670 Andesite, brecciated at lower contact. 2% disseminated crystalline pyrite.
- 670 - 676 Rhyolite tuff, with 10% lenses of pyrite, minor pyrrhotite, bedding at 65° to core axis.
- 676 - 690 Quartz feldspar porphyry, slight pyrite.
- 790 - 700 Fine grained diorite dyke, traces sulphides.
- 700 - 725 Chloritic andesite tuff.
- 725 - 732 Rhyolite tuff, slight pyrite, trace chalcopyrite.
- 732 END OF HOLE..

MOREAU WOODARD & COMPANY LTD.
GEOPHYSICAL SURVEYS

FOUR TOWNSHIPS PROJECT

Diamond Drill Hole #2

0 - 112 - Line W- 2+25 S
on - True North
- 50'

Dip 0° - 50°
250' - 47° ETC
500' - 37° ETC

- 0 - 112
- 112 - 143 - uncracked diabasic gabbro
- 143 - 148 - fine grained felsic porphyry
- 148 - 340 - silty argillite or tuff - slight to fair crystalline pyrite
intercalated as naceous layers. - Bedding at 50° to core axis
250 - 35 - trace sphalerite layers
35 - 4 - fair sphalerite layers
4 - 255 - core lost
255 - 272 - core lost
- 340 - 372 - silty with notable sphalerite content.
340 - 347 - noticeable chalcopyrite
347 - 350 - core lost
350.2 - 357.5 - core lost
- 372 - 394 - argillite tuff - 10 - 15% streaked and disseminated pyrite
394 - 4 trace galena
- 394 - 473 - silty, fractured, sheared and altered andesite - frequent quartz
veins, traces sulphides
- 473 - 482 - brecciated massive andesite
- 482 - 501 - silty andesite tuff - bedding at 60° to core axis
- 501 - 515 - silty, sheared,
- 515 - 554 - silty associated to massive andesite, quartzose layers and veins
at 60° to core axis - hematite stain on quartz.
- 554 - hole - casing pulled April 5, 1966

Ant W. Scott

MOREAU WOODARD & COMPANY LTD.
GEOPHYSICAL SURVEYS

ACTION			
TYPE			
NUMBER			
MAY 10 1966			FILE
MIN. INF.	TP	JAG	
	PLM		
	NEW		

April 20th, 1966.

FOUR TOWNSHIPS PROJECT

DRILL HOLE #3

(Conductor 4A)

Coordinates: 3+00S, 8+00W Dip 0 - 50°
Direction: S 28 E 200' -
Depth: 396 380' -

- 0 - 112 Casing
- 113 Fine grained diabase (boulder?)
- 172 Black Tuff - 3% pyrite
Bedding at 150 at 25° to core axis
- 182 Silicious tuff - 10% sulphides
182 - 3" Q - F porphyry
Bedding at 10° to core axis
- 208 Graphite, pyrite tuff - 25% sulphides
Bedding at 35° to core axis
- 219 Fine grained diabase
- 225 Quartz - Feldspar porphyry, brecciated,
fair pyrite.
- 247 Rhyolite and graphitic tuff - Bedding at
37° to core axis - 10-20% pyrite.
Minor pyrrhotite
225 - 226.5 core lost.
- 249 Quartz - feldspar porphyry.
- 266 Silicious Tuff as above, fair pyrite, bedding
at 45° to core axis.
- 280 Fine grained porphyry, slight pyrite, may be
phase of Rhyolite.
- 335 Pyrite, graphite, silicious tuff, thin bedded,
at 20° to 30° to core axis, excellent conductor,
10-20% pyrite or marcasite.
- 339.5 Quartz feldspar Porphyry
- 342.5 Black Silicious Tuff as above.
- 346 Quartz Feldspar Porphyry

- 365 Black Silicious Tuff as above, some narrow sections massive pyrite
360 - 362.5 - core lost.
- 396 Medium grained banded Porphyritic Rhyolite - 3 - 10% sulphides, pyrite and minor pyrrhotite.

End of Hole.

Just as well

Four Townships Project

Diamond Drill Hole #10

Anomaly 4A

Co-ordinates 15 + 00W and 2 + 00S

Direction - Grid North (N 30° W)

Dip 50° collar

44° at 200 feet

40° at 500 feet

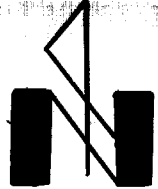
Depth 500 feet

Drilled July/August, 1966.

0	- 114	Casing	
114	- 126.5	Tuff. Grey, banded, locally silicified. Foliation 55° to core length. Trace Py.	
126.5	- 136	Rhyolite porphyry. Medium grain. Py - po. 2 - 5%	
136	- 185	Slate. Dark grey banded. Foliation 50°.	<u>Sample 4T-10-1</u>
	145.5	Sphalerite in 1/8" quartz veinlet.	150 - 155.5 0.11% Zn.
	154.5	2" breccia. Galena slug 1" - 1/2"	0.70% Pb.
	150 - 155.5	Trace galena and sphalerite in narrow quartz veinlets.	
	155 - 185	Less silicification. Minor Py. Occasional trace sphalerite and galena.	
185	- 232	Graphite slate. Trace sphalerite in quartz 189.5 Bleb chalco. 220.2. Lost core 190 - 191, 192-3. 195 - 7.5 200 - 232, 8 feet lost in small sections. Py. local veinlets. Overall 2 - 3%.	
232	- 236	Quartzite. Fine grain. Trace py.	
236	- 265.5	Strongly graphitic schist. Contorted. Narrow sections impure, quartzite 247 - 8, 256 - 7.5 Py. locally. Overall 4 - 5%.	
265.5	- 325.5	Feldspar - (Quartz) - poyphyry. Trace py.	
325.5	- 458	Slate. Dark, carbonaceous. 325.5 - 350 Fairly heavily graphitic. 3 - 4% py. Foliation 55 - 70°. 350 - 430 Less graphitic. Includes much finely banded grey/dark siliceous. 430 - 458 Darker, more graphitic 5 - 7% py.	
458	- 467	Rhyolitic tuff. 465 - 467.5 Siliceous contact zone 10% py.	
467	- 500	Andesite: 488 - 490.5 Rhyolite Py. 5% 499 - 500 Rhyolite Py. 8%.	

END OF HOLE.

John Scott



L-95589

L-95588

DDH #10

DDH #1

DDH #3

DDH #2

1250'

1000'

520'

660'

560'

500'

830'

SCALE 1"=200'

