

Diamond Drilling

010

Township OF BALDWIN

Report NQ: 18

Work performed by: CADAMET/ BRISMIL MINES

Claim NQ	Hole NQ	Footage	Date	Note
S 89406	# 30	161'	Oct/62	
	# 31	179'	Oct/62	
	# 32	171'	Oct/62	
S 89405	# 34	233'	Oct/62	
	# 34B	179'	Oct/62	
	# 35	108'	Oct/62	
S 113219	# 36	<u>1625'</u>	Nov/62	

TOTAL: 7DH 2656 FT

Notes:

BRISMIL MINES LTD.

~~VANIER TOWNSHIP~~

*gms*

DIAMOND DRILL LOG RECORD

Property Brisnil Mines Limited, Baldwin Township Hole No. 30 Copper  
Property

Started October 11, 1962

Completed October 12, 1962

Co-ordinates of Collar Along baseline "A"  
6 + 80'W; 0 + 73.5'N

Elevation - 21.5 Ft.

Ultimate Depth 161 Ft.

Bearing and Dip Collar - S 21°E astronomic; 46°S  
100' - 31.5°S  
160' - 28°S

Claim - S-89406

<u>Depth (Ft.)</u>	<u>Formation</u>
0.0 - 35.0	Casing
35.0 - 35.5	Greywacke - dark grey - green, argillaceous sericitic, chloritic.
35.5 - 76.0	Quartzite - blue-grey, impure, chloritic. Slightly sheared at 55° to core. 35.5 - 45.0' - medium grained, sericitic, irregular schistosity. 45.0' - 47.5' - schistose, fine grained, slightly talcose. 47.5' - 76.0' - medium to fine grained, with a few narrow blue quartz stringers parallel to shearing. Minor disseminated sulphides.
76.0 - 102.5	Quartzite - blue-grey; sheared at 55° to core. Numerous bluish-grey quartz stringers parallel to shearing. Chalcopyrite and pyrrhotite mineralization associated with quartz stringers.
102.5 - 103.0	Chlorite Schist - greenish, argillaceous greywacke, with occasional bluish-grey quartz stringers parallel to shearing. Minor disseminated sulphides.
103.0-161.0	Quartzite - Light grey to dark blue-grey, coarse to fine grained. Shearing at 75° to core; extensive silicification. 157' - One glassy quartz stringer.
161' End of Hole	

*J. Bragg*

BRISAIL MINES LTD.  
~~CAPACIT MINES LIMITED~~

773

DIAMOND DRILL LOG RECORD

Property Brisail Mines Limited, Baldwin Township Copper Property Hole No. 31

Started October 15, 1962 Completed October 16, 1962

Co-ordinates of Collar W. R. T. baseline "A"  
7 + 80W; 0+77N. Elevation - 42.5 Ft.

Ultimate Depth 179 Ft.

Bearing and Dip Collar - Collar - S21°E astronomic; 45.2°S  
100' - 36.5°S  
179' 28.5°S

*Claim*  
5-89406

Depth (Ft.)

Formation

0.0 - 22.0  
22.0 - 58.8

Casing  
Chlorite Schist - dark grey-green, argillaceous, talcose, sericitic; well sheared at 55° to core; few quartz veins with no mineralization.  
49.2' - 58.8' - Extensive disseminated pyrrhotite.

58.8 - 63.3

Quartz vein - massive, glassy, white; parallel to shearing; minor sulphides.

63.3 - 73.5

Chlorite Schist - dark grey-green, slightly silicified, talcose; well sheared and highly altered. Minor Sulphides, pyrrhotite and pyrite present.

73.5 - 115.5

Quartzite - blue-grey, medium grained; sheared at 53° to core. Numerous blue-quartz stringers parallel to shearing; associated with irregular splashes and disseminated grains of chalcopyrite and pyrrhotite. Slight sericitization.

115.5 - 159.0

Chlorite Schist - dark grey-green; highly sheared at 45° to core; talcose. Many narrow quartz stringers parallel to schistosity; minor disseminated sulphides.

159.0 - 179.0

Quartzite - fine medium grained, impure; well sheared. Quite silicified in places and sericitic.  
162.5' - Massive glassy quartz vein 7" wide.  
165.0-166 Massive quartz vein, with minor sulphides.

179' End of Hole

*J. P. Brown*

BRISMIL MINES LTD

~~PROPERTY RECORD~~

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DIAMOND DRILL LOG RECORD

Property Brisml Mines Limited, Dolwin  
Township Copper Property

Hole No. 32

Started October 17, 1962

Completed October 17, 1962

Co-ordinates of Collar W. R. T. baseline "A"  
8+80W; 0+75N

Ultimate Depth 171 Ft.

*Claim*

Bearing and Dip Collar - Collar - 8 21°E astronomic; 45°S  
100' 40.5°S  
171' 37°S

S-89406

Depth (Ft.)

Formation

0.0 - 32.0  
32.0 - 76.5  
76.5 - 108.7

Casing  
Chlorite Schist - dark grey-green, talcose, highly altered. Schistosity at 52° to core. Several massive blue quartz veins containing minor sulphides.  
48.0 - 51.5 - Massive, glassy quartz vein with siliceous grey wacke inclusions; good copper staining.

108.7 - 161.7

Mineralized Zone-  
Quartzite light grey to blue-grey, sericitized and slightly sheared at 50° to core. Extensive blue quartz veining associated with splashes and disseminated grains of chalcopyrite and pyrrhotite.

161.7 - 171.0

Chlorite Schist- dark grey-green; localized sericitization; talcose in places; somewhat argillaceous. Schistosity is at 37° to core. Minor pyrrhotization.

171.0 End

Quartzite- Slightly, sheared, dark grey to blue-grey, impure. One massive glassy quartz stringer parallel to shearing.

*J. B. ...*

BRISAIL MINES LTD  
~~DIAMOND DRILL LOG RECORD~~  
DIAMOND DRILL LOG RECORD

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Property Brisail Mines Limited, Baldwin Township Copper Property.

Hole No. 34

Started October 25, 1962

Completed October 26, 1962

Co-ordinates of Collar W. R. T. Baseline "A"  
4 + 100' W; 7 + 52' S

Elevation 26.5 Ft.

Ultimate Depth 233.0 Ft.

Bearing and Dip Collar - N 20.7°W / 60°N  
132' - N 21.8°W; 47°N  
220' - N 22.8°W; 29°N

*Claim*  
S-89405

<u>Depth</u>	<u>Formation</u>
0.0 - 10.0	Casing
10.0 - 19.6	Grey wacke - blue-grey, highly sheared, fine to medium grained, argillaceous; shearing at 40° to core. Highly altered, chloritic and siliceous throughout.
19.6 - 176.0	Grey wacke - argillaceous and non argillaceous, fine to medium grained, highly sheared and altered. Much of the section is highly schistose, talcy, crumpled and dragfolded; occasional interbeds of medium grained, sheared and sericitized quartzite; few minor green and blue quartz stringers with some pyrrhotite.
176.0 - 228.0	Chlorite Schist - grey-green to siliceous blue-grey; highly talcose in places. 206' shearing at 54° to core. Occasional siliceous greywacke, and sheared quartzite interbeds; minor disseminated pyrrhotite.
228 - 233	Last core.
233	End Hole abandoned due to excessive flattening.

*J. M. ...*

973

DIAMOND DRILL RECORD

Property Brisail Mines Limited, Baldwin  
Township Copper Property

Hole No. 3AB

Started October 26, 1962

Completed October 27, 1962

Co-ordinates of Collar W. R. T. baseline  
"A", 4+00 W; 7+53' S

Elevation 26.57t

Ultimate Depth 179.0 Ft.

*Claim 5-89405*

Bearing and Dip Collar - N 21°W astronomic; 70° N  
150' - N 32.5°W; 52°N

Depth(Ft.)

Formation

0.0 - 10.0  
10.0 - 162.0

Casing  
Greywacke - chiefly fine to medium grained, grey to blue-grey to light grey-green, well sheared, highly altered, argillaceous and non argillaceous; varying degrees of chloritization and silicification; some massive quartzite in terbeds, dragfolding and cusppling; few narrow blue quartz stringers parallel to shearing; minor disseminated pyrrhotite throughout.  
162.0-179.0 - Lost core.

179.0 End of Hole - abandoned due to excessive flattening and swing to northwest.

*J. H. ...*

MB

DIAMOND DRILL RECORDProperty Brisail Mines Limited, Baldwin  
Township Copper PropertyHole No. 35Started October 31, 1962Completed October 31, 1962Co-ordinates of Collar W. R. T. Baseline "A"  
3+00'W, 7+53'SElevation 19.5 Ft.Ultimate Depth 108.0 Ft.Bearing and Dip Collar - N 21°W astronomic/ 81°N  
50' - N 34.5°W; 75°N  
108' - N 40.0°W; 61°N

Claim S-89405

<u>Depth(Ft.)</u>	<u>Formation</u>
0.0 - 10.0	Casing
10.0 - 23.0	Greywacke - grey to grey-blue to grey-green fine grained, highly sheared, somewhat schistose, highly altered - chloritic and sericitic, argillaceous and non-argillaceous; some sections quite silicified (blue-grey); slightly crumpled and dragfolded in places. Shearing varies from 0° to 16° to core; numerous blue-quartz stringers parallel to shearing.
23.0 - 103.0	Greywacke- grey-blue to dark grey-green, fine grained, schistose, highly chloritic, talcose; minor silicification, and very few quartz veins. 59.6' - Schistosity at 31° to core. Minor disseminated sulphides 85.0 - 103.0 Greywacke becomes more massive coarser grained and highly silicified.
103.0 - 108.0	Chlorite Schist-dark green, talcose; some crumpling and dragfolding. Schistosity at 20° - 40° to core. Many blue quartz veins parallel to and cross cut schistosity; minor disseminated sulphides.
108'	End Hole abandoned due to excessive Flattening and swing to northwest.

J. H. H. H.

BREMIL MINES LTD.  
~~GRAND TRUNK RAILWAY~~ *gms*  
 DIAMOND DRILL RECORD

Property Bremil Mines Limited,  
 Baldwin Township Copper Property

Hole No. 36

Started November 2, 1962

Completed November 29, 1962

Coordinates of Collar W. R. T. baseline  
 "A", 3+00'W; 6+75'N.

Elevation + 36.0 ft.

*Collared on Claim S-113219,  
 extends onto S-89405*

Ultimate Depth 1625.0 ft.

<u>Bearing astronomic and Dip</u>	400'	500'	540'	570'	600'	640'	659'	709'	760'	900'	1000'	1100'	1300'	1400'	1500'	1600'	19.25°S	16.25°S	15°53'S	20°50'S	?	
Collar -	820.7°E; 75.5°S	820.7°E; 75.5°S	823.2°E; 72.5°S	813.5°E; 70.0°S	870°E; 67°S	86.5°E; 65°S	-S14°E; 63°S	-S7.5°E; 61°S	-S8.5°E; 59°S	-S14.5°E; 58°S	-S17°E; 59°S	-S9.5°E; 56°S	-S20°E; 49°S	-S22°E; 41.5°S	-S24.5°E; 32.5°S	-S24°E; 24°S	-S25°E; 21.5°S					

Depth Ft

0.0 - 8.0  
 8.0 - 189.0

Formation

Casing  
 Quartzite-medium to coarse grained, grey to blue-grey.  
 20' - shearing at 15° to core.  
 Variable sericitization; highly fractured with pyrrhotite veining in places. Few quartz stringers and pyrrhotite stringers in fractures and along shear, planes throughout.  
 47.0'-48.5' Massive white quartz vein.  
 60.0'-61.3' Lost core  
 94.0'-99.0' Lost core.  
 Slippage at 55° to direction of hole towards southwest. Some shear surfaces quite chloritic and talcy.  
 145.0' -189.0' - Quartzite becomes greenish in colour, with minor fracturing; becomes more massive, finer, grained, argillaceous, little or ~~no~~ no veining.  
 Greywacke- argillaceous and non argillaceous, grey medium grey-green, to dark grey green, sheared quite siliceous and massive in places with minor quartzite interbeds; quite chloritic in places; uniform sericitization throughout; some talcy surfaces.  
 220'-shearing at 20° to core.  
 Disseminated pyrrhotite throughout; very few narrow blue quartz veins; some sections quite schistose.

189.0 -256.5



256.5-430.0		Chlorite Schist-dark grey to grey-green (arg. greywacke) with some narrow sheared quartzite bands. 300' - schistosity at 30° to core. 292'-293.5' - massive glassy quartz vein strikes at 18° to core; minor pyrrhotite. Some sections quite talcy, and others quite siliceous. 366' - massive blue quartz vein 2" wide with minor disseminated sulphides. 373.5' -379.0' - Massive bluish quartz vein with chlorite schist inclusions. 400' - Schistosity at 55° to core.
430.0-442.6	Greywacke-	grey to dark grey, to light blue-grey, fine to medium grained, sheared; extensive chloritization, minor blue and white quartz stringers at 50° to core.
442.6-499.4	Diabase-	Grey to grey-green, fine to medium grained. Diabase becomes progressively coarser grained away from contacts. Several blue and white quartz stringers at 52° to core.
499.4-511.0	Greywacke-	Grey to grey-green, sheared and altered. 500' - shearing at 52° to core. Few quartz stringers, pyrrhotite stringers, and narrow quartzite interbeds.
511.0-539.0	Chlorite Schist-	Dark grey-green; few narrow sericitic quartzite interbeds.
539.0-601.0	No Core-	Bullnose bit employed.
601.0-641.0	Chlorite Schist-	Grey-green, and slightly siliceous. Schistosity at 46° to core. 604.5'-605.3' - lost core. 607.3' -612.5' - lost core.
641.0-642.0	Greywacke-	Sheared, greenish, fine grained.
642.0-659.5	No Core-	are cutter used.
659.5-692.0	Chlorite Schist-	highly altered, light grey-green, talcose. Schistosity at 60° to core. Several blue quartz stringers parallel to schistosity.
692.0-709.0-	No Core	are cutter used
709.0 - 737.5	Chlorite Schist-	Grey-green, talcose. 725' - schistosity at 65° to core. A few pyrrhotite stringers and disseminated pyrrhotite appear in varying concentrations throughout.
737.5-771.0	Quartzite-	Impure, grey to blue-grey, medium to coarse grained; slightly sheared. 740' - slight shearing at 65° to core,
771.0 -774.0	Pebbly Quartzite-	bluish, medium to coarse grained, slightly sheared; variable sericitization; few quartz stringers.
774.0-780.0	No Core -	are cutting used.

7800 - 792.0	Quartzite -	medium to coarse grained, sheared, dark grey to blue-grey; very little mineralization and only a few narrow blue quartz stringers.
792.0 - 800.2	Quartzite -	bluish, fine to medium grained, sheared, sericitic
800.2 - 858.5	Quartzite - Greywacke	fine to medium grained, grey to light grey-green, siliceous, sheared; variable sericitisation and extensive chloritisation. 810' - shearing at 61° to core. Minor quartzite interbeds; many blue and white quartz stringers. 855' - massive white quartz vein 2" wide, with some disseminated sulphides.
858.5 - 879.3	Quartzite -	grey to blue-grey, medium grained, slightly sheared; variable sericitisation. 866' - 867' - massive white quartz vein striking at 16° to core. Some interbedding with siliceous greywacke.
879.3 - 880.5	Greywacke-	argillaceous, siliceous, fine to medium grained, grey-green; very minor quartz veining.
880.5 - 894.8	Quartzite-	slightly sheared and altered, fine to medium grained, impure, grey + blue-grey.
894.8 - 895.2	Greywacke-	grey-green, siliceous, sheared.
895.2 - 897.0	Quartzite -	impure, medium grained, blue-grey; slightly sheared.
897.0 - 901.7	Greywacke-	some silicification; high sericitic alteration; chloritic, talcy; well sheared.
901.7 - 902.5	Quartzite-	bluish, medium grained.
902.5 - 965.7	Greywacke-	fine to medium grained, grey-green, siliceous; some quartz stringers and minor quartzite interbeds. Shearing is at 65° to core. 964' - brecciated greywacke approximately, 4" wide.
965.7 - 996.0	Conglomerate -	fine grained, sheared ground mass, with varying sizes of quartz and quartz diorite boulders up to several inches in diameter. Shearing is at 55° to core. Colour is dark grey to grey-blue, with occasional blue quartz stringers.
996.0 - 1008.0	Greywacke-	fine to medium grained, sheared, siliceous; silicification decreases with depth.
1008.0 - 1012.5	Greywacke-	highly sheared, blue-green, chloritic; silica content decreasing.

1012.5 - 1625.0

Chlorite Schist- grey to blue-grey, to dark grey-green; some sections slightly siliceous due to quartzite interbedding.

1039.6' - massive, white quartz vein 2" wide.

1080' - 1080.4' - massive, white quartz vein.

Some talcy sections.

1100' - schistosity lies at 83° to core.

1089' - white quartz vein 3" wide.

1109'-1110.1 - white quartz vein.

1120'-1121' - lost core.

1129'-1130' - lost core.

1134'-1136' - lost core.

1151'-1152' - lost core.

Very few narrow blue quartz stringers throughout.

1182'-1183' - lost core.

1184.6'-119.8' - several massive, white and blue minor disseminated sulphides.

1221'-1230' - numerous narrow blue quartz stringers paralleling schistosity.

After 1242' - blue quartz stringers become more numerous and schist becomes more siliceous in places.

1254.8'-1255.8' - white quartz vein.

After 1267' - Schist becomes more intensely sheared, talcose; more numerous blue and white quartz stringers appear.

1275' - schistosity at 73° to core.

More interbeds of quartzite appearing and some crumpling.

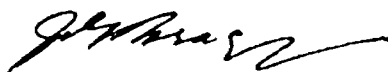
1420' - schistosity at 83° to core.

After 1400' - schist becomes quite argillaceous.

Slight pyrrhotite mineralization

1625' - schistosity at 83° to core.

1625' End of Hole



OFFICE OF MINING RECORDER



SUDBURY MINING DIVISION  
SUDBURY, ONTARIO

ONTARIO  
DEPARTMENT OF MINES

*Handwritten:* (ACKNOWLEDGE)

*Handwritten:* (MAR. 8/63)



411055W0029 0017C1 BALDWIN

900

DEPT. OF MINES  
Mar 6/63  
MAR 7 1963

Dr. M.E. Hurst,  
Director, Geological Branch,  
Parliament Buildings,  
TORONTO, Ontario.

Dear Dr. Hurst:

Enclosed herewith are drill logs and sketches  
for work performed on claims S.113219; S.89405; S.89406 in Baldwin  
Twp., in the name of Brismil Mines Ltd.

Yours very truly,

K.M. Hallock,  
Mining Recorder.

/r

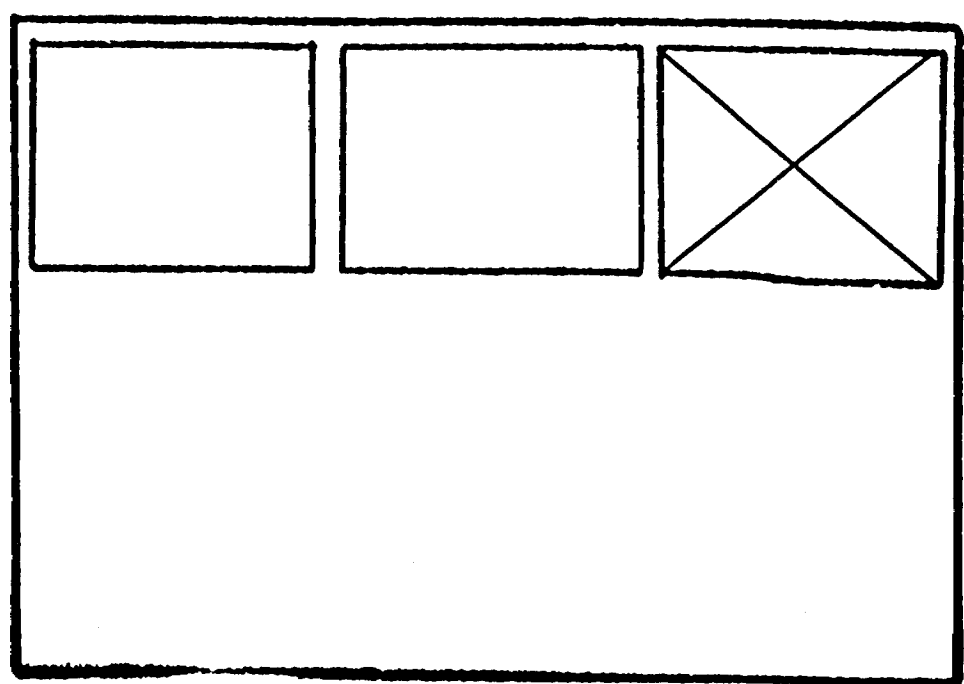
encl- logs & sketches.



SEE ACCOMPANYING  
MAP(S) IDENTIFIED AS

\_\_\_\_\_  
\_\_\_\_\_  
BALDWIN 0017-C1, #1

LOCATED IN THE MAP  
CHANNEL IN THE FOLLOWING  
SEQUENCE (X)



PORTER TWP  
BALDWIN TWP.  
LOT 8

LOT 10

LOT 9

LOT 7

S-115892

S-113219

S-118240

S-89407

S-89406

S-89405

S-118465

S-118461

S-118241

S-118239

S-89409

S-89408

S-118463

AGNEW

S-118462

S-118466

S-118467

S-118468

S-118464

CONCESSION VI  
CONCESSION V

PLAN of DIAMOND DRILLING  
BALDWIN TWP.  
CADAMET MINES LTD. - BRISMIL MINES LTD.  
OCTOBER-DECEMBER 1962 SCALE 1" = 500'

BALDWIN 0017-C1, #1



411055W0029 0017C1 BALDWIN