

Diamond Drilling

010

Township of BOON
(Formerly Twp.123)

Report NO: 10

Work performed by: Silcross Copper Mines Ltd.

Claim N	· 1	Hole No	Footage	Date	Note
53829		3 .	308.0'	Nov/52	
		4	309.0'	Nov/52	
		5	274.0'	Nov/52	
		6	99.0'	Nov/52	
53837		7	500.01	Nov/52	
		8	503.0'	Dec/52	
		9	326.0'	Dec/52	
53830		1	303.01	Oct/52	
		2	389.0'	Nov/52	
	TOTAL:	1 DH .	3011.0 FT		

Notes:

SILCROSS COPPER MINES LTD. TOWNSHIP 123 - DIST. OF ALGOMA LOG OF DIAMOND DRILL HOLE No. 1

. . . .

Location - 202' South and 260' West from No. 1 Post of Claim \$53830

Bearing - South 15° East

Started - October 27, 1952

Dip - 60°

Completed - October 30, 1952

Length - 303 Feet

Logged by - R. MacDonald

Timmins, Ontario

Footage

Description

4 - 4 Casing

4.0 - 21.9 Mixed zone of greenstone and gabbro, brecciated

4-11 - core in 1" - 3" lengths
17.3-19.1 - grey feldspathic core

21.9 -123.0 Andesite, dark grey, sheared at 65° to core and having a few seams of white carbonate, rock is chloritized

22.5-23.7 - blocky core

54.5-56.0 - some pyrite, chalcopyrite and pyrrhotite

88.2- - slight oxidation over 6" of brocken core

88.7-90.5 - scattered and very sparse pyrite, core is weakly magnetic in places due to some fine pyrrhotite

97-100 - frequent bands of dark material up to 1/8"

103.1 - seam of pyrite

109-115.4 - black schist

123.0-131.7 Red Granite, coarse and with sharp contacts above and below 123.2 - I" 25% pyrite and pyrrhotite

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- 131.7-302.6 Gabbro, fine textured to 143.5, then becomes coarser and continues uniformly so to about 296' and from there on becomes dense without prominent feldspar crystals
- 302.6-303.0 Red Granite, contact sharp 303 End of Hole

POOR QUALITY ORIGINAL TO FOLLOW

TOWNSHIP ISS - DIST. OF ALGOMA

LOG OF DIRECTO D. ILL HOLE NO. 1

553830

Location - 2021 South and 2501 west from wo. I Post of Claim Ebecook

Bearing - South I50 East

Started - October 27, 1952

Din - 600

Completed - " 30 "

Length - 303 Feet

hogged by - h. hacbonald finding, ont.

Footage

Description _____

0 - 4 Casing

4.0 - 2I.9 Mixed zone of greenstone and gabbro, brecciated 4-II - core in 1"-o" lengths
17.2-Is.1 - grey feldspathic core

21.9 - 123.0 Andesite, dark grey, sheared at 35° to core and having a few seams of white carbonate, rock is chloritized 22.5-23.7 - blocky core

54.5-56.0 - some pyrite, chalco pyrite and pyrrhotite 88.2 - slight exidation over 5" of broken core 88.7-90.5 - scattered and very sparse pyrite, core is weakly magnetic in places due to some

fine pyrrhotite

97-IUU - frequent bands of dark material up to pride

103.I - seam of pyrite

109-II5.4 - black schist

123.0 - I31.7 Red Granite, coarse and with sharp contacts above and below 123.2 - In 25% pyrite and pyrrhotite

131.7 - 302.6 Gabbro, fine textured to 145.5, then becomes coarser and continues uniformly so to about 296 and from those on becomes dense without prominent feldspar crystals

302.6 - 303.0 Red Granite, contact sharp 303 - End of Riole

Cose Port Source 12 12 18 119

		\$538	0 7,616
H-1	~:· N		
53830	538-15		9 53873
0	(b) SCALE:	· = 500'	
		(3)	
53839	53840	53841	53842
3	9	4	

CLAIM GROUPING POR DOBH. MEI SILCROSS COPPER MINES LTD. TWP. 123 - DIST. or ALGOMA

900010

TOWNSHIP 123 - DIST. OF ALGUMA

LUG OF DIAMOND DAILL HOLE No. 2

Location - 202 South; thence 260 est; thence 81 Nov Trom No. I Post

of Claim 553830

- Hovember I. 1952 - South tarted Bearing

- 60° Dip

Completed -

Length - 389 Feet Logged by - n. MacDonald Timmins, Unt.

Footage

一方の日本本 大学 大大

Description

8 Casing

23.4 Grey Granite

23.4 - 64.4 Mixture of granite and greenstone with white and red feldspars locally prominent 18-19 - inclusions of dark fragmental material 22.3 - some leached slips over 8"

64.4 - 143.0 Greenstone, basic, dark grey to greyish black, senerally dense

> 74.0 - 2" quartz and feldspar 83.4-85.8 - some pyrite and pyrrnotite 85.6 - pyrrhotite and chalcopyrite over 2" of core 101-143 - rock is sheared with seams of quartz and feldspar alternating with seams of mark green material, odd seam of pyrite & pyrrh. 189.6 - I" syenite

135-140 - sparse pyrrhotite

141.5 - 4" white feldspar in bands

Gabbro; fine textured to 1491, then becomes coarse and 143.0 - 250.0 continues uniformly so to about 3451 252-242 - some blocky core

Mixed lone of gabbro, greenstone and granite; Very basic 250.0 - 297.0 to 260.6 and having very narrow bands and seams of dark material calong with threads of same, bands 60° to core 250.8 - 3" band of pyrrhotite and chalcopyrite

ned Granite 297.0 - 305.7

mixed wone of granite and gabbro; contact gradational 303.7 - 3II.1 above and sharp below

ned Granite; contacts sharp above and below 315.9 - 2" quartz 311.1 - 318.1

Similar to 303.7-311.1 318.1 - 319.6

Red Granite, very course **319.6 - 389.**0 353-354.6 - syenite with some dark threads 357.3 - I" quartz stringer 75° to core, epidote at 389 - End of Hole

TOWNSHIP 123 - DIST. OF ALGOMA

LOG OF DIAMOND DRILL HOLE NO. 3

.

Location - 220' East from Collar of Hole No. 5 CL. 53827

Bearing - South 7° East Started - November 9, 1902

- 75⁰ Dip Completed -II

Logged by - R. MacDonald Length - 308 Feet Timmins. Ont.

Footage

Description

8 Casing

8.0 - 85.0 Fine grained Gabbro

8-I4 - some blocky core

28.3-47.5 - rock is coarser, lighter in color, contains some orthoclase, plagioclase and quartz

28.5-54.9 - granitoid core with sparse fine pyrite

46.6 - 3" epidote

48.5 - spotty pyrite and chalcopyrite over 4" of core

52.2 - 3" pyrrhotite and chalcopyrite

64.2 - 3" irregular massive pyrite

85.0 - 260.0 Basic lava, contact gradational, greenish-grey color, rock is much sufter than above section, chlorite developed

9I.4 - 8" broken core

IU2.0 - 7"

107.0 - schisted over 198

IIO.4 - 3" irregular quartz and plagioclase

II3.7 - some blue quartz

II5.6 - oblique seams of blue quartz over 5" of core

139/140 - 8" massive pyrite, pyrrhotite also present

140.5 - a little chalcopyrite

I4I.4 ditto

I4I.6 - 7" massive pyrite, I45.5-I47.0 - some pyrrhotite with a little chalcopyrite

192.0 - I" irregular blue quartz

223.5-246.0 - slightly silicified in sections,

228.0 - 2" quartz-feldspar 200 to core

235-240 - some fine pyrite and pyrrhotite

246.7 - pyrite in slip

247.6 - some blue quartz over 2"; core becomes a little harder to end of section

260.0 - 308.0 Fine grained gabbro, very hard; very sparse pyrite and fine pyrrhotite; core very weakly magnetic locally

272 - pyrrhotite in slip

305 - some plue quartz eyes over 12" of core

308.I - blob of pyrite

308 % End of Hole

TOWNSHIP I23 - DIST. OF ALGOMA

LOG OF DIAMOND DRILL HOLE No. 4

Location - 570 North and 345 East from No. 3 Post of Claim 53829

Bearing - North I5° West

Started - November Iż, 1952

- 45° Dip

Completed

14

Length - 309 Feet

Logged by - H. MacDonald Timmins, Ont.

Footage

Description

8 Casing

8.0 - 10.8 Basic lava, dark greyish-green color

10.8 - 31.5 Mostly grey granite, some inclusions of greenstone

20.3 - 2" barren white quartz

30.2 - 2" quartz and orthoclase 31.5 - 198.3 Basic lava, dark green, indications of dark pillow rims

57.7 - granitoid over I2ⁿ 58.7 - I2ⁿ broken core

75-93 - some sections of blocky core

96.2 - 2" blue quartz

97.1 - a few seams of blue quartz over 6" of core

IIo.9 - pyrite in blue quartz over 4", irregular quartz

133.1 - 2" quartz and orthoclase I36.0 - 27 irregular blue quartz

137.7-138.9 - some disseminated blue quartz -

152.5-155.0 ditto

I58-I8I - rock is lighter in color and contains some

amygdules

I7I - seam of pyrite

191.7 - streaks of orthoclase feldspar

195-196 - very slight oxidation

198.3 - 215.3 Mixture, grey granitoid core with seams of light greyism

material

215.3 - 293.0 Dark green lave having numerous black streaks

217 - sheared over 6"

224.3-231.7 - considerable disseminated blue quartz

293.0 - 300.0 Fine grained Diabase, indefinite contacts

300.0 - 309.0 Basic lava, dark green, somewhat chloritized

30I-309 - locally sheared

307 - 2" oblique quartz

307.6 - pyrite in quartz

309 - End of hole

TOWNSHIP 123 - DIST. OF ALGORA

LOG OF DIAMOND DRILL HOLE NO. 5

Location - 2001 N400W from Collar of Hole No. 4 CL 53827

Bearing - South 25° East

Started - November 16, 1952

- 40° Dip

Completed -18

Length - 274 Feet

Logged by - R. MacDonald Timmins, Ont.

Footage

Description

6 Casing

6.0 - 43.6 Dark green basic lava with some short lighter colored sections

43.6 - 51.6 Dense fine grained gabbro, veryhard, very sparse pyrite

51.6 - 81.3 Mixture of greenstone and granite, red and grey, the granitoid character predominating 78.7 - blob of pyrite

81.3 - 274.0 Greenish-grey lava, some blue quartz eyes, soft and mostly without grain, heavily chloritized locally

82-106 - sheared

89-I26.6 - some disseminated blue quartz

148.8 - seam of pyrite

165.3 - 2" dense dark band, easily scratched

172.0 - Ž"

ditto 172.8 - 2"

I9I-I99 - a few i" quartz veinlets 230.2 - 2" white quartz 60 to core

.......

256.7 - 3" irregular quartz

267.5 - 3" irregular quartz and grey feldspar

274 - End of Hole

CLAIM GROUPING FOR D. D.HE 3. SILCROSS COPPER MINES LTD.

TOWNSHIP 123 - DIST. OF ALGOMA

LOG OF DIAMOND DRILL HOLE No. 6

Location - 735! North and 305! Easttfrom No. 3 Post of Claim 53829

Bearing - South I50 East

Started - Nov. 20. 1952

- 50° Dip

Completed - " 19

Length - 99 Feet

Logged by - R. macDonald Timpins, Unt.

Footage

Description

Casing

4.0 - 47.0 Basic Lava, generally dense, dark green color $4.5 - I^{\pi}$ orthoclase 31-33 - grains of blue quartz present

72.2 Granite-greenstone mixture with the granitoid character predominating, red and grey feldspars with more of the latter

55-74 - some blocky sections of cure 64.8 - I' epidote 66.6 - seam of pyrite

99.0 Basico Lava, dense, dark and hard

85.7 - granitoid over 6" of core

87.0 - a few seams of quarth over 5"

91.0 - seam of pyrite and sparse pyrite over o" 95.3 - quartz in slip

96.0 - in quartz stringer parallel to core for 7"

99.0 - End of Hole

53632	53833	<i>5</i> 3834
305' EAST \$ H-6 53829	53830	53835 \
53638		> 538+0

CLAIM GROUPING FOR DAN, MES SILCROSS COPPER MINES LTD:

1 /" : \$00"

TOWNSHIP 123 - DIST. OF ALGOMA

LOG OF DIAMOND DRILL HOLE No. 7

Location - 780' S85008'W from No. I Post of Claim 53837 Bearing - South 350 West - November 25, 1952 Started Completed - # 30 - 60° Dip Logged by - R. MacDonald Length - 500 Feet Timmins, Ont.

Footage

Description

Casing 5 5.0 - 369.0 Gabbro, grading from coarse at start to fine around 951, very hard but with some softer and lighter colored sections 20.5 - 8" red granite 22.4 - fine chalcopyrite 26.I - 2" red granite 44.0-46.2 - " " 62-66 - gabbro-granite mixture with fine pyrite and chalcopyrite disseminated throughout 82.6-87.6 - disseminated fine pyrite and chalcopyrite with predominating pyrrhotite 85.2 - 4" massive pyrrhotite 86.3 - 2" concentrated chalcopyrite 95 - rock is finer textured 105.3 - broken core I.4 III.6 - I" massive pyrrhotite 129.6 - 4" irregular quartz
182.5 - ½" oblique quartz stringer 200.0 - 4" red granite 2II.0 - 3" irregular quartz 213-216 - fair amount of pyrite and pyrrhotite with much lesser percentage of chalcopyrite 226.3 - 2" massive chalcopyrite 227.2 - 5" 228.0 - I" 11 pyrrhotite 298.9 - seam of chalcopyrite 299.4 - 2" irregular 323.2-333 - highly silicified 330-344 - some short sections of broken core 339-369 - highly silicified

369.0 - 500.0 Basic lava or may be highly altered gabbro, rock is much softer than above, chloritized to varying degrees, exterior of core much lighter colored

431.2-433.1 - rock is dark grey to black with very numerous specks of white carbonate, frequent black crystals of variable size in finer groundmass, reacts strongly to 5% HCL solution. " DAK

477.7 - 3" irregular quartz 500.0 - End of Hole

TOWNSHIP 123 - DIST. OF ALGUMA

LOG OF DIAMOND DRILL HOLE No. 8

Location - 780' S85°08'W; thence 45' S35°W; thence 5' N58°E from No. I

Post of Claim 53837.

- South 58 West

- 45 Bearing

Dip

Length - 503 Feet Started - Dec. 2, 1952 PT

Completed -Logged by - R. MacDonald

Timmins, Ontario.

Footage

Description

Casing

7.0 - 503.0 Gabbro; coarse grained at start but quickly changing to finer grain; very dark color to about 245' at which point exterior of core becomes lighter colored and rock becomes softer due to development of chlorite.

7.2 - 6" gabbro-granite mixture with some fine pyrite

8-I2 - blocky core

19.6 - 5" gabbro-granite mixture

36-4I ditto

52.5-56.5 - total of 3' of fairly massive pyrrhotite, some disseminated pyrite and chalcopyrite

60-65 - total of 2.61 of heavy pyrrnotite with 5" of massive pyrrh. at 63.4; small amount of pyrite and chalcopyrite

68.5-69.I - massive pyrrhotite

77.5 - patch of fine pyrite

84.5-I08 - gabbro-granite mixture with frequent streaks and short lengths of epidotized core

89.7 - I" red granite

122.4-134.6 - 90, barren quartz-carbonate

I26.6-I28.2 - quartz-carbonate with 6" of irregular massive chalcopyrite with very small proportion of pyrrhotite at 127'

129.8 - 6" heavy pyrite

I34.4 - patch of pyrite

139.8 - seam

14I-I42 - 90%, barren quartz-carbonate vein

I43.5-I46.5 - some reddish streaks of axionite

I47 - 6" granitized core

238.5 - I" quartz 30° to core

239.3-253 - very numerous grains of blue quartz

245-403 - rock is softer due to presence of chlorite; , NORK

heavily chloritized 295-370

288-290 - silicified

36I - slightly granitized over 6"

363.8 - 6" of 70% quartz-carbonate

406-407.5 - silicified

416-419 - 90% grey feldspar

427 - lost core 2'

435-444.8 - gabbro-granite mixture

453-482.6 - some short sections predominantly red grarite

482.6-496.6 - epidotized locally in streaks and patches

503.0 -- End of Hole

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TOWNSHIP 123 - DIST. OF ALGOMA

LOG OF DIAMOND DRILL HOLE NO. 9

- Dec. 6, 1952

Location - 32' NI2°W from No. 2 Post of Claim 53846
Bearing - South I2° East Started - I
Dip - 30° Completed Completed - " II'

- 326 Feet Logged by - R. MacDonald Length

Timmins, Ont.

Footage

Description

- 16 Casing

I6.0 - 27I.8 Gabbro, generally altered, varies from fine to medium

18.6 - 5" red granite

62-65 - darker and very dense

69.4 - epidotized 2"

70.7 - granitized IO*

II5-223 - rock is darker in color and carries some disseminated grains of magnetite

· I28.2 - sparse pyrite

I43.6 over 3" of core

I54 - epidotized slip

156 - 8" Of 50% quartz

I78.5 - epidotized slip parallel to core for 6*

186.7 - I" Of 50% quartz with sparse pyrite

187 - I" 50% quartz

187.2 - 2" ditto

I88.I - I" odd pyrite

200.3 - a few amygdules over IOm of core

223 - rock becomes greenish and sorter, chloritized

246.8 - 3" of 75% quartz with odd pyrite

266.6 - patch of chalcopyrite and pyrchotite

271.8 - 319.4 Gneiss; has regular and irregular narrow dark banding alding with narrow bands and streaks of quartz 288.8-302 - some grey feldspathic core 299.8 - seam of chalcopyrite

319.4 - 326.0 Gabbro; fine grained

324-326 - some streaks of grey feldspar

326 - End of Hole

MOST TO UE BLICKLID GOM THE OFFICE SOUND NOTE THAT

GEOLOGIST, C. T. S. J. A. G. R. INES

SAULT SUD, HAMDE, ONT.

R. C. . - and the Health

Gleboran - No F WORK

CORE	ED IN SORES PROPERTY	53847	53846	1 1 N 1 S N S S S O S 'W		
CO PART OF	53849	5°38 5 0	.5385 ⁻ /	53837		
SOME CONTRACTOR OF THE STATE OF	53852	53953	5-3854	100 mm m		
HOLES 7-8-9 CLAIM GROUPING SILCROSS COPPER MINES LTD. I"-600' TWP. 123 - DIST. of ALGOMA SCALS LIKES 600 FT.						

				53831 53831 A 168	\$38300 160 160	5 3 8 33 160	A 53834 30	B 5 3835	5-136
53848	6.38-74 5⁻³547	53846 53846	Ž	160	53529 A 53821 168	8 3 3 3 6 8 3 3 6 3 0	B 53845	B 53844 2001 2 51	B 5-3843
5 38 27 9 5 38 47	53850	5 3851 53851	53837	Ĺ	52828 A 5388 160	5" 30 5 1 B 53839 160	8 53840 51	8 53341	5-38+2 5-38+2 out.
67152	5-385-3	53854	•	•					.

Geour 1: A Group 2: B



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DECEIVED

MEMBERT GEBLOGIST WALLT STE MARIE

Feby.21,1952

Silcross Copper Mines Ltd., 3 Pine St. North, Timmins, Ontario.

Dear Sirs:

I am preparing a report on copper properties in Ontario and would like to get some information about your copper-nickel prospect in township 123, Algoma district.

Could you tell me if this property was once worked by Mr. Belanger of Timmins and Mr. R.M. Ritchie of Massey? Could you tell me the location of the main showings by claim numbers? Do you have any maps, plans, engineer's reports, or drilling logs covering the work done to date? Could you send me a prospectus of your company?

Any maps or reports you could mail me would be returned shortly.

Any information you can provide on developments to date would be much appreciated.

Yours very truly,

and the control of th

J.E. Thomson Asst.Provincial Geologist

OFFICEOF MINING RECORDER



SUDBURY MINING DIVISION SUDBURY, ONTARIO

November 28, 1952.

Dr. M. E. Hurst,
Provincial Geologist,
Ont. Dept. of Mines,
Parliament Buildings,
TORONTO, Ontario.

Dear Sir:-

Enclosed please find logs of diamond drilling submitted by Silcross Copper Mines Ltd., on their mining claims in Township 123.

Yours very truly,

JRM: GA Encls. J. R. Metinn, Mining Recorder.

31

Dear Sir:

This will acknowledge receipt of your letter of November 28 and enclosed logs of diamond drilling submitted by Silcross Copper Mines Ltd. on their mining claims in Township 123.

Yours very truly,

M.E. Hurst Provincial Geologist

T

Mr. J.R. McGinn, Mining Recorder, Ontario Department of Mines, Sudbury. Ontario Dr. M. E. Hurst,
Provincial Geologist,
Ont. Dept. of Mines,
Parliament Buildings,
TORONTO, Ontario.

Please find enclosed herewith diamond dr

SUDBURY MINING DIVISION SUDBURY, ONTARIO

December 15, 1952.



Please find enclosed herewith diamond drill logs and locational plan of drilling done in Twp. 123 and submitted by Silcross Copper Mines Ltd.

Yours truly,

DAJ.

Encl.

J. R. MeGinn, Mining Recorder.

ABOUT THE WORK

Dear Sir:

This will acknowledge receipt of your letter of December 15 and enclosed diamond drill logs and locational plan of drilling done in Township 123, submitted by Silcross Copper Mines.

Yours very truly,

13-1/2

M.E. Hurst

'3**:5T**

Mr. J.R. McGinn, Mining Recorder. Ontario Department of Mines, Sudbury. Ontario GKW I JOHK

DOME EXPLORATION (CANADA) LIMITED

SUITE 804 -- BANK OF MONTREAL BUILDING 50 KING STREET WEST

TELEPHONE TORONTO 1, ONT. EM, 3-8417

CABLE ADDRESS DOMEXPLOR

November 14th, 1957

Dr. M. E. Hurst, Provincial Geologist, Parliament Buildings, TORONTO, Ontario.

Dear Dr. Hurst:

I would appreciate it if I could obtain information pertaining to a diamond drill, hole program on claims S53828 - 30 inclusive, - \(\tau \) - S53838-39-51 recorded November 26th, 1952.

If I could have the information for a few days I could have it photostated or if you do not wish to release it, I could go up to the Parliament Buildings and copy it.

Yours very truly,

PWR:mc

P. W. Richardson.

W Richardson.

RECEIVED

NOV 15 1957

GEOLOGICAL BRANCH DEPARTMENT OF MINES

Dangue Comment

Jeward John Nov 26/37

Mr. P.W. Richardson,
Dome Exploration (Canada) Limited
904, 50 King Street West,
Toronto 1.

Dear Mr.Richardson:

In reply to your inquiry of November 14 I may say that we have copies of logs of Holes 1 to 9 inclusive submitted by Silcross Copper Mines Limited on its property in Township 123, District of Algoma. It would appear to include claims S53828 - 30 inclusive, S53838-39-51.

These records cannot be released for photostating but will be available for copying at Room 1402, East Block, Parliament Buildings.

Yours very truly,

M.E. Hurst Provincial Geologist

