

FALCONBRIDGE NICKEL MINES LIMITED

Date: February 20, 1951 Location: 225' E. of TB 6A Hole No: G. T. # 9
 Logged by: W. B. Dip: -45° at collar Property: Gull Pond, Nfld.

Dip Tests Taken

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected Angle</u>
0.0	Hole collared at -45°	
150.0	51 degrees	121 degrees
300.0	48 "	39 1/2 "

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	36.0	Overburden: Mostly boulders with some sand; Casing 38 ft. Vertical depth of water 7 feet.	
36.0	79.5	f.g., greenish-grey, altered, siliceous and sericitic rock with occasional feldspar crystals throughout, possibly rhyolite. Strongly fractured with numerous quartz and epidote f.f. Locally slightly schistose at 40° with minor hematite developed. 78.0 - Minor breccia zone.	
79.5	112.7	f.g., dk. green, altered and silicified andesite with considerable anthophyllite developed as well as chlorite, cordierite, magnetite and pyrite. 81.5 - 85.0 - Lost core 81.0 - Hole making sand 106.7 - 108.5 - Lost core.	
112.7	248.0	"Sulphide Zone", mostly f.g., dk. green, altered andesite with varying degrees of silicification and chlorite anthophyllite, cordierite and magnetite developed. Varying amounts of pyrite, pyrrhotite and chalcopyrite mineralization. 157.0 - 159.0 - Band of f.g., grey siliceous tuff or chert with minor pyrite and magnetite.	890
248.0	250.5	Ground core	
250.5	264.8	f.g., dk. green trap dyke with scattered feldspar laths, locally epidotized and cut by numerous fine fractures.	
264.8	275.0	Mostly f.g., cherty siliceous brownish-grey slightly banded tuff (?) with some intercalated anthophyllite andesite and cut by occasional quartz f.f.	
275.0	296.3	Mostly f.g., dk. green, altered, highly chloritic andesite with minor intercalated tuff (?) 286.0 - 292.6 - Siliceous, brownish-grey banded tuff. 290.5 - 291.5 - Lost core.	
296.3	307.0	Mostly f.g., brownish grey, siliceous and banded and crenulated tuff (?).	
307.0	310.0	f.g., greyish-green silicified, anthophyllite andesite.	
	310.0	HOLE FINISHED.	

Hole started February 17, 1951.
 Hole finished February 24, 1951.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
877	112.7	117.0	4.3	0.34		Fine grained, dark green, altered, silicified and chloritic andesite with minor disseminated pyrrhotite and traces chalcopyrite.
878	117.0	120.0	3.0	0.83	2.49	Similar, locally slightly schistose at 55°, and with minor chalcopyrite.
879	120.0	121.3	1.3	2.42	3.14	Similar, somewhat more chloritic and with 10% pyrrhotite and 5% chalcopyrite.
	121.3	124.0	2.7	L O S T C O R E (G R O U N D)		
880	124.0	126.0	2.0	1.75	3.50	Similar to 117.0-120.0, with 6 to 7% pyrrhotite and 3% chalcopyrite.
881	126.0	130.0	4.0	0.71	2.84	Similar, with some cordierite and anthophyllite development, and with 6% disseminated pyrrhotite, and 1 to 2% chalcopyrite.
882	130.0	134.5	4.5	3.01	13.50	Similar, considerably more chloritic and locally schistose at 50°, and with 7 to 8% each of pyrrhotite and chalcopyrite.
883	134.5	137.0	2.5	1.88	4.70	Similar, with 2% chalcopyrite.
884	137.0	140.0	3.0	1.03	3.09	Similar, with 5 to 6% pyrrhotite and 2 to 3% chalcopyrite.
885	140.0	144.0	4.0	1.43	5.72	Similar, somewhat more chloritic and with considerable anthophyllite development, and with disseminated blebs pyrrhotite and 3 to 5% chalcopyrite.
886	144.0	147.0	3.0	1.22	3.66	Similar, with 3% chalcopyrite.
887	147.0	150.0	3.0	2.52	7.56	Similar with 6 to 8% dissemination, and fracture-filling chalcopyrite.
888	150.0	155.0	5.0	1.79	8.95	Similar, with 5% disseminated chalcopyrite.
889	155.0	157.0	2.0	0.74	1.48	Similar, with very minor pyrrhotite and chalcopyrite.
890	157.0	159.0	2.0	0.23		Very fine grained, grey, siliceous tuff or chert with minor pyrite and magnetite.
894	159.0	162.5	3.5	0.71		Highly altered, dark green, schistose andesite with minor pyrrhotite and chalcopyrite.
895	162.5	166.5	4.0	0.38		Silicified altered andesite with considerable magnetite, and cut by numerous quartz fracture-filling with minor pyrrhotite and chalcopyrite.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
896	166.5	171.0	4.5	0.34		Fine grained, dark green, altered andesite with some anthophyllite development and minor disseminated pyrite and pyrrhotite, locally slightly schistose.
897	171.0	174.5	3.5	0.13		Fine grained, dark green, altered andesite with chlorite and cordierite development and cut by occasional quartz fracture-fill ^{ing} minor pyrite.
898	174.5	181.2	6.7	0.73		Fine grained, dark green, altered chlorite-cordierite andesite, with magnetite and 15% disseminated pyrrhotite and pyrite and minor chalcopyrite.
899	181.2	186.0	4.8	0.51		Similar.
900	186.0	191.0	5.0	0.68		Similar, with 5% disseminated pyrrhotite and 2% chalcopyrite.
1051	191.0	194.0	3.0	0.53		Similar, slightly schistose at 40°, with minor pyrite, pyrrhotite and chalcopyrite.
1052	194.0	199.0	5.0	0.46		Fine grained, dark green, andesite with some chlorite and anthophyllite development and with traces pyrite and chalcopyrite.
1053	199.0	202.5	3.5	0.12		Fine grained, greenish-grey, cherty-looking, quartz-anthophyllite phase of altered andesite.
1054	202.5	208.0	5.5	0.78		Fine grained, dark green, altered, chloritic andesite, with 3% fracture-fill ^{ing} chalcopyrite.
1055	208.0	211.8	3.8	0.42		Fine grained, dark green, altered, chloritic andesite with minor chalcopyrite.
1056	211.8	220.0	8.2	0.81		Fine grained, dark green, altered silicified and chloritic andesite, with 3% fracture-fill ^{ing} chalcopyrite and some anthophyllite development.
1057	220.0	229.5	9.5	0.36		Similar, with minor chalcopyrite.
1058	229.5	234.7	5.2	1.05		Similar, locally slightly schistose and with occasional quartz fracture-fill ^{ing} and 1 to 2% chalcopyrite.
1064	234.7	240.0	5.3	.30		Similar, with occasional specks pyrite, pyrrhotite and chalcopyrite.
	240.0	242.0	2.0		GROUND CORE	

ASSAY RECORD SHEET

Hole No. GB-9.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1065	242.0	284.5	6.5	.39		Similar to 234.7-240.0 with occasional blebs chalcopyrite.

Summary:

112.7	120.0	7.3	0.54
120.0	155.0	35.0	1.62
155.0	171.0	16.0	0.47
171.0	174.5	3.5	0.13
174.5	234.7	60.2	0.56
234.7	240.5	13.8	0.35