

Date: Jan. 6, 1951.

Logged by: G.S.W.B.

Recorded by: H.M.

Hole No. GB-1

Dip: -45° at collar

Property: Gull Pond, Nfld.

FROM	TO	DESCRIPTION	SAMPLE NO.
0.0	15.0	Overburden: sand, gravel, boulders, casing 16'.	
15.0	24.3	Fine grained, light grey to pink, sugary-textured chert, cut by numerous quartz, fracture-fillings.	
24.3	30.0	Fine grained, greenish grey, banded and locally crenulated sericitic chert; banding at 65° to length of core.	
30.0	33.0	Similar to 15 to 24.3.	
33.0	41.4	Fine grained, dark grey, sugary, banded and locally crenulated chert; locally fractured and brecciated.	
41.4	47.0	Fine grained, light grey to greenish grey, sugary chert, cut by occasional quartz fracture-fillings.	
47.0	53.5	Fine grained, dark green andesite, local <u>slight</u> 65° foliation.	
53.5	62.5	Fine grained, grey sugary chert, locally banded and crenulated, considerable fracturing throughout; 60.5 to 61.5 altered biotitic (?) material.	
62.5	96.5	Fine grained, dark green andesite, highly altered from 62.5 to 63.5: local slight foliation at 50°.	
96.5	107.0	Similar, with abundant dark green matacrysts. (Hornblende?).	
107.0	128.0	Fine grained, dark green andesite with occasional dark green matacrysts, and with occasional epidote-zoisite clusters, andesite somewhat recrystallized.	
128.0	133.0	Fine grained, glassy, greenish-black banded chert with scattered interlamellar pyrite and pyrrhotite; 128.0 to 129.0 biotite alteration and minor pyrite spotting.	
133.0	147.0	Fine grained, dark greenish-black, cherty-looking rock with fine chlorite and biotite and with scattered grains and aggregates of pyrite and pyrrhotite.	
147.0	153.5	Fine grained, dark green altered andesite with scattered pyrrhotite and pyrite grains: locally cherty-looking.	
153.5	156.4	Similar, silicified and with considerable biotite, and with about 30% heavily disseminated pyrite and pyrrhotite.	
156.4	161.0	Fine grained, light grey, crenulated chert with irregular greyish green blotches, and with scattered grains and aggregates of pyrite and pyrrhotite.	
161.0	167.5	Similar to 133.0 to 147.0 but considerably more altered.	
167.5	172.0	Fine grained dark grey to greenish black, banded and locally crenulated chert with occasional blebs and aggregates of pyrite and pyrrhotite, banding at 40°.	

FALCONBRIDGE NICKEL MINES LIMITED

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Dip: -45° at collar

Property: Gull Pond, Nfld.

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FROM	TO	DESCRIPTION	SAMPLE NO.
172.0	176.0	Fine grained, dark greyish, cherty-looking rock: Considerable biotite development and numerous 1/4" to 1/2" dark greyish-green porphyroblasts: Rock shows slight foliation.	
176.0	225.0	Medium fine-grained dark green altered andesite with considerable anthophyllite and chlorite development throughout: also some silicification: from 205 to 209 considerable quartz fracture-filling.	
225.0	256.5	Fine grained, medium grey chert quartz-anthophyllite rock: Anthophyllite occurs as small green radiating clusters in a cherty-looking matrix, which also contains scattered tiny magnetite crystals and occasional pyrite and pyrrhotite grains.	
256.5	262.7	Similar to 133.0-147.0. Appears to be altered silicified (?) andesite with considerable anthophyllite and large scattered chlorite masses: Scattered grains and blebs of pyrite and pyrrhotite, minor grains of Fe ₃ O ₄ .	
402.0	442.5	Fine grained, dark green, highly altered, chloritic and silicified andesite with considerable anthophyllite throughout, (also cordierite?) minor fine pyrite and pyrrhotite apparently replacing anthophyllite. Minor epidote. 55° shear at 442 - 442.5.	
442.5	463.5	Medium fine grained, quartz - chlorite - biotite - sericite - cordierite (?), rock locally cherty-looking with minor disseminated pyrite and pyrrhotite: (May be derived from andesite).	
463.5	486.0	Fine grained, dark green altered chloritic andesite with numerous cordierite (?) crystals throughout, minor disseminated pyrite and pyrrhotite.	
486.0	537.5	Fine grained, dark green altered andesite with occasional magnetite grains: Locally slightly schistose at 45°: Local epidote and zoisite: Occasional quartz, fracture-fillings.	
537.5	554.0	Fine grained, greyish green altered silicified andesite, some anthophyllite development: Weakly developed schistosity at 45°.	
	554.0	END OF HOLE.	

DIP TESTS:

Footage	Angle etched	Corrected Angle
0.0	Hole collared at 45 degrees	
100.0	53 degrees	45 degrees
200.0	52 "	43 1/2 "
300.0	52 "	43 1/2 "
400.0	51 "	42 1/2 "
500.0	50 "	41 1/2 "

Hole started December 28, 1950.
Hole finished January 5, 1951.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	DESCRIPTION
501	153.5	156.4	2.9	0.13	Fine grained, dark green altered Andesite with 30% heavily disseminated pyrite and pyrrhotite.
502	256.5	262.7	6.2	0.15	Altered silicified andesite, considerable anthophyllite and chlorite, scattered grains and blebs of pyrite and pyrrhotite.
503	262.7	267.5	4.8	0.03	Fine grained, greenish gray, cherty quartz-anthophyllite-magnetite rock, with minor disseminated pyrrhotite.
504	267.5	272.3	4.8	0.05	Similar; cut by occasional quartz, fracture-fillings
505	272.3	278.7	6.4	0.10	Fine grained, dark green altered andesite, considerable chlorite, biotite and quartz, with 20% disseminated pyrite and pyrrhotite.
506	278.7	279.6	.9	0.03	Massive pyrite.
507	279.6	285.7	6.1	0.10	Fine grained, dark green, altered andesite, with 15% disseminated pyrite and pyrrhotite, and minor Fe_3O_4 .
508	285.7	290.6	4.9	0.13	Similar, with 10% pyrite and pyrrhotite.
509	290.6	295.6	5.0	0.10	Similar, with 15% disseminated pyrite and pyrrhotite.
510	295.6	303.5	7.9	0.10	Similar, with 20% disseminated pyrite and pyrrhotite.
511	303.5	306	2.5	0.05	Similar with 10-15% disseminated pyrite and pyrrhotite.
512	306	311	5.	0.03	Similar with 15 to 20% disseminated pyrite and pyrrhotite.
513	311	321	10.	0.05	Similar with 25% sulphides; mostly pyrite, some fine pyrrhotite.
514	321	326	5.	0.10	Similar with 10 to 15% disseminated pyrite and pyrrhotite
515	326	331	5.	0.14	Similar with 10% pyrite and pyrrhotite.

ASSAY RECORD SHEET

Hole No. GB-1

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Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	%CU	DESCRIPTION
516	331	336	5.	0.08	Similar with 15 to 20% disseminated pyrite and pyrrhotite.
517	336	341	5.	0.04	Fine grained, dark green altered chloritic andesite, with blotchy cordierite ? masses, occasional magnetite grains and with 15 to 20% disseminated pyrite and pyrrhotite.
518	341	347	6.	0.11	Similar.
51	347	354	7.	0.15	Fine grained, grayish-green chert (?) with scattered magnetite grains and minor disseminated pyrite.
520	354	360	6.	Trace	Similar, local concentrations of mafic minerals, with 8 to 10% disseminated pyrite.
521	360	370	10.	0.08	Similar with 6 to 8% disseminated pyrite.
522	370	375	5.	0.15	Fine grained, dark green altered chloritic and silicified andesite ? very slight banding at 45° with 8 to 10% disseminated pyrite and pyrrhotite.
523	375	384.3	9.3	0.25	375-378 - fine grained, dark green chloritic andesite, (cordierite ?), with 10% pyrite and pyrrhotite. 15° slip at 375 feet. 378-384.3 - fine grained, gray cherty quartz, rock with minor biotite, magnetite and anthophyllite ? : 8% disseminated pyrite and pyrrhotite.
524	384.3	393	8.7	0.25	Fine grained, dark greyish-green, highly altered chloritic and silicified andesite, with minor anthophyllite and magnetite, and with 6 to 7% disseminated pyrite and pyrrhotite.
525	393	398.5	5.5	0.33	Similar, (cordierite ?), with 5% disseminated pyrite and pyrrhotite.
526	398.5	402	3.5	0.13	Similar, increasing anthophyllite, rare pyrite specks.