

FALCONBRIDGE NICKEL MINES LIMITED

Date: January 20, 1951.

Hole No: G. B. #4

Logged by: W.B. & H.M.

Property: Gull Pond, Nfld.

DIP TESTS:

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected Angle</u>
0.0	Hole collared at 45 degrees	
100.0	54 degrees	45 degrees
200.0	54 "	45 "
300.0	53 1/2 "	44 1/2 "
400.0	52 1/2 "	44 "
500.0	51 "	42 1/2 "

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	24.0	Overburden: sand, gravel & boulders 25' casing.	
24.0	47.2	f.g., dk. green altered, chloritic & talcose andesite.	
47.2	51.5	f.g., brownish-grey, chert or felsite, cons. fracturing and occasional biotite concentrations minor py.	
51.5	63.0	f.g., dk. brownish-black, qtz.-biotite-anthophyllite rock with minor disseminated pyrite and pyrrhotite. (probably altered andesite).	
63.0	86.0	f.g., dk. green, altered andesite, locally biotitic and with disseminated and f.f. pyrite and pyrrhotite.	
86.0	90.0	f.g., dk. grayish-green, banded chert with minor fine disseminated pyrite.	
90.0	96.0	Very f.g., white to lt. gray, sl. crenulated chert (?) with disseminated euhedral pyrite.	
96.0	105.0	Very f.g., gray chert (?) with fine biotite bands, with minor fine disseminated magnetite and scattered euhedral pyrite crystals.	
105.0	106.5	f.g., dk. green, altered chloritic andesite with scattered cordierite and minor disseminated pyrite and pyrrhotite.	
106.5	108.5	f.g., lt. gray, qtz.-anthophyllite rock (chert ?): Similar to GB-1 at 233.5.	
108.5	112.5	f.g., to medium f.g., dk. green, altered chloritic andesite with scattered cordierite and abundant anthophyllite development.	
112.5	120.0	Very f.g., banded, cherty-looking, grey silicified tuffs (?) with scattered anthophyllite, magnetite and pyrite.	
120.0	132.5	Medium f.g., dk. green, altered andesite with some chlorite and cordierite development and cut by numerous qtz. f.f.: Minor disseminated and blade-like pyrite and pyrrhotite.	

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Hole No: G. P. - #4

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FROM	TO	DESCRIPTION	SAMPLE NOS.
132.5	141.0	f.g., gray, banded, and slightly crenulated cherty-looking, siliceous tuff (?), with irregular greyish-green blotches: banding cuts core at about 60°. Similar to G.P. #1 156.4 to 161.0.	
141.0	143.0	Altered andesite, 60% heavily disseminated pyrite.	675
143.0	144.7	Similar to 132.5 - 141.0, with minor pyrite.	
144.7	169.0	Altered andesite complex: varying from chlorite-cordierite phase to quartz-anthophyllite phase and with considerable biotite throughout.	
169.0	171.8	Very f.g., dk. greyish-green, cherty-looking qtz.-chlorite-magnetite rock, possibly altered andesite, cut by qtz. f.f.	
171.8	241.0	Altered andesite complex: varying from anthophyllite to chlorite-cordierite phase, sl. 45 degree shear at 188.4, sl. 55 degree shear at 190.7, narrow, fairly strong, 25 degree shear with qtz. and carbonates at 209.4.	
241.0	432.5	"Sulphide Zone", mostly f.g., dk. green, altered andesite with considerable chlorite and cordierite development and disseminated pyrite and pyrrhotite, and local chalcopyrite (see sample record sheets).	
432.5	437.0	Very f.g., greyish-green, trap (?) dyke cut by numerous pyrite and epidote f.f.	
437.0	505.0	Altered andesite complex: alteration varies from chlorite-cordierite phase to anthophyllite phase with local biotite and some silicification, very minor pyrite and pyrrhotite.	
505.0	549.5	f.g., dk. green, altered, chloritic andesite with minor local cordierite development, minor pyrite and pyrrhotite blebs, and occasional qtz. f.f., minor 50 degree shear at 512.0, narrow 20 degree shear at 522.	
549.5	557.0	f.g., dk. greyish-green, banded, cherty tuff (?)	
	557.0	END OF HOLE.	

Hole Started January 19, 1951.

Hole finished January 28, 1951.

ASSAY RECORD SHEET

Hole No. GB-4

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
675	111	113	2.0	0.09	.18	Altered andesite, 60% heavily disseminated pyrite.
677	211	214.8	3.8	0.66	2.50	Fine grained, dark green, altered, chloritic andesite, with scattered cordierite development, with minor disseminated pyrite, pyrrhotite and trace chalcopyrite.
678	214.8	219.8	5.0	0.74	3.70	Similar.
679	219.8	253.3	3.5	1.69	5.92	Similar, with 10% disseminated pyrite and pyrrhotite and 1-2% chalcopyrite, increasing cordierite.
680	253.3	256.6	3.3	.28	.92	Similar, with 5-7% disseminated pyrite and pyrrhotite.
681	256.6	258.3	1.7	1.18	2.00	Similar, with 10% disseminated pyrite and pyrrhotite and trace chalcopyrite.
682	258.3	263.3	5.0	0.56	2.80	Fine grained, greenish-black, altered andesite, with some cordierite and chlorite development and cut by numerous quartz fracture-filling, with 5% diss. pyrite, pyrrhotite, and trace chalcopyrite.
683	263.3	270	6.7	0.13	.87	Similar, with 10% disseminated pyrite and pyrrhotite, minor 15° shear at 263.3 feet.
	270	275	5	0.07	.35	Similar, locally schistose at 30°.
685	275	283	8	.33	2.64	Similar, somewhat less chloritic, with minor disseminated pyrite and pyrrhotite.
686	283	287	4	.20	.80	Similar, with minor disseminated pyrite and pyrrhotite, narrow 20° shear at 284.
687	287	293.5	6.5	0.15	.97	Similar, with minor disseminated pyrite and pyrrhotite.
688	293.5	298	4.5	0.05	.225	Fine grained, dark green, altered chloritic andesite with cordierite development, with minor disseminated pyrite and pyrrhotite.
689	298	303.5	5.5	0.16	.88	Similar, with 15% disseminated pyrite and pyrrhotite.

ASSAY RECORD SHEET

Hole No. GB-4

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Page 2.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
690	303.5	310.5	7	0.62	4.34	Similar, with considerable quartz, injection and with 15-20% disseminated pyrite and pyrr.
691	310.5	316	5.5	0.28	1.54	Similar, with 10% disseminated pyrite and pyrrhotite.
692	316	321	5	0.53	2.65	Similar, with 5-10% disseminated pyrite and pyrrhotite.
693	321	324	3	3.22	9.66	Similar, some injected quartz, with 15% disseminated pyrite and pyrrhotite, and 5% chalcopyrite, slightly schistose at 60°.
694	324	327	3	2.57	7.71	Similar, with 3% chalcopyrite.
695	327	332	5	2.44	12.20	Similar, with 20% disseminated pyrite and pyrrhotite, and 2-3% chalcopyrite.
696	332	334.6	2.6	4.53	11.20	Similar, somewhat schistose and with 8% chalcopyrite.
697	334.6	337	2.4	1.67	4.01	Similar, with 20% disseminated pyrite and pyrrhotite.
698	337	341	4	4.25	17.00	Similar, with 15% pyrite and pyrrhotite, and 4% chalcopyrite.
699	341	344.8	3.8	2.74	10.40	Similar, with 10% pyrite and pyrrhotite and 3 to 4% chalcopyrite.
700	344.8	350	5.2	3.11	16.20	Similar, with 7 to 4% chalcopyrite.
	350	354	4	0.68	2.72	Fine grained, dark green altered andesite, considerable quartz and anthophyllite, minor disseminated pyrite and pyrrhotite.
702	354	361	7	0.56	3.92	Similar to 350-354.
703	361	368	7	0.20	1.40	Fine grained, dark green altered andesite with chlorite, anthophyllite, cordierite and quartz, with minor disseminated pyrite and pyrrhotite: chloritic slips at 363 feet.
704	368	375	7	0.14	.98	Similar, with 7 to 8% disseminated pyrite and pyrrhotite.
705	375	379	4	0.01	.04	Similar, with minor disseminated pyrite and pyrrhotite.
714	379	387	8	0.11	.88	Similar, with minor disseminated pyrite and pyrrhotite, considerable biotite development and slight 45° lineation.

ASSAY RECORD SHEET

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
715	387	395	8	0.23	1.84	Similar with 6 to 7% disseminated pyrite and pyrrhotite, and some quartz injection.
716	395	402	7	0.07	.49	Similar, with minor disseminated pyrite and pyrrhotite, and considerable injected quartz.
717	402	408	6	0.20	1.20	Similar to 387-395, with minor disseminated pyrite and pyrrhotite.
718	408	412	4	0.01	.04	Similar to 402-408.
719	412	422	10	0.04	.40	Fine grained, dark green, altered, andesite with chlorite and cordierite development and minor disseminated and fracture-fill _{ing} pyrite and pyrrhotite.
720	422	432.5	10.5	0.15	1.57	Similar to 412-422.

Summary:

241.0	249.8	8.8	0.70
249.8	258.3	8.5	1.04
258.3	263.3	5.0	0.56
303.5	321.0	17.5	0.49
321.0	350.0	29.0	3.06
350.0	361.0	11.0	0.60