

SAINT JOHN'S ROCKS MINES LIMITED.5400 W. 506'Date: June 25, 1951. Location: W. of W.L. Bearing: East Hole No: C.B.13.Logged by: L.R. Halladay. Dip: -40° at collar. Property: Gullford, Newfoundland.DIP TESTS:

<u>Footage.</u>	<u>Angle etched on tube.</u>	<u>Corrected angle.</u>
0.0	45° at collar.	
300.0	53°	45°
600.0	50°	42°

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
0.0	29.7	Overburden: sand with numerous large boulders.
29.7	30.3	Fine grained to very fine grained, medium grey rhyolite porphyry (?)
30.3	165.8	Very fine grained, light to medium grey rhyolite with occasional feldspar phenocrysts, considerable quartz injection and epidote fracture filling, and some intercalated rhyolite tuff (?) Ground core: 49.6 - 51.0; 149.3 - 150.0; 152.5 - 153.0.
165.8	168.3	Fine grained, dark green andesite dyke.
168.3	199.0	Similar to 30.3 - 165.8.
199.0	294.6	Very fine grained, medium grey rhyolite with occasional phenocrysts and amygdulæ, quartz injections, and epidote and carbonate fracture fillings. Shows local banding and contains some intercalated rhyolite tuff.
294.6	296.8	Fine grained, dark green, chloritic andesite dyke.
296.8	308.7	Similar to 199.0 - 294.6. From 296.8 - 297.3: rhyolite breccia.
308.7	310.7	Fine grained, dark green andesite dyke.
310.7	387.0	Similar to 199.0 - 294.6.
387.0	397.9	Fine grained to very fine grained, medium grey rhyolite tuff with minor disseminated pyrites.
397.9	402.3	Fine grained, dark green - grey andesite dyke.
402.3	408.3	"Sulphide zone" Fine grained, dark green altered tuff, with chlorite, occasional quartz injections and disseminations of pyrites and minor chalcopyrite.
408.3	411.9	Fine grained to very fine grained, dark grey, altered tuff with chlorite and varying amounts of disseminated chalcopyrite and pyrites.
411.9	421.6	Fine grained to very fine grained, medium grey, finely banded siliceous tuff with occasional quartz injections and minor pyrites, chalcopyrite and magnetite. Some intercalated altered andesite with varying amounts of chalcopyrite, pyrites and pyrrhotite.
421.6	434.1	Fine grained, dark blue - grey altered andesite with numerous quartz injections, and chlorite, and anthophyllite and corianderite (?) development. Contains varying amounts of chalcopyrite, pyrites and pyrrhotite.

FALCONBRIDGE NICKEL MINES LIMITED.

5400.N. 506'

Date: June 25, 1951. Location: N. of D.E.L. Bearing East. Hole No: 2.P. 43.Logged by: L.R. Halliday. Dip: -40° at collar. Property: Gull Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
434.1	464.1	Fine grained, dark green - grey dolerite dyke with occasional epidote fracture-fillings and very minor disseminated sulphides. Very fine grained near both contacts.
464.1	478.2	Fine grained, dark green - grey altered andesite tuff (?) with local biotite, chlorite and anthophyllite development and varying amounts of chalcopyrite, pyrrhotite and pyrites.
478.2	478.6	Very fine grained, black trap dyke.
478.6	540.5	Similar to 464.1 & 478.2, with local chlorite, biotite, & anthophyllite and sericite (?) development, numerous quartz injections and varying amounts of pyrites, chalcopyrites, and pyrrhotite.
540.5	551.3	Fine grained, dark green - grey dolerite, slightly altered. Finer grained from: 540.5 - 542.5; 543.0 - 543.8; 550.6 - 551.3.
551.3	554.6	Fine grained to very fine grained, dark grey andesite, flow breccia (?) from 551.3 - 551.7.
554.6	564.9	Similar to 540.5 - 551.3 with considerable epidote development. Finer grained from 563.0 to 564.9. Contains some intercalated quartz felspar porphyry.
564.9	582.4	Fine grained, dark grey, quartz felspar porphyry.
582.4	588.4	Fine grained, dark blue - grey altered chloritic andesite with local cordierite development and minor disseminated pyrites, pyrrhotite and chalcopyrite.
588.4	603.4	Fine grained to very fine grained, medium grey siliceous tuff, locally crumulated, with occasional quartz injections and some intercalated andesitic material.
603.4	606.0	Fine grained, dark grey altered andesite with chlorite and cordierite development, considerable injected quartz and minor disseminated pyrites, pyrrhotite and chalcopyrite.
606.0	612.0	Fine grained to very fine grained, medium grey siliceous tuff, locally crumulated, with numerous quartz injections and minor disseminated pyrites and pyrrhotite.

NOTE FINISHED.

Hole started: June 20, 1951.

Hole finished July 6, 1951.

Bad ground at 90', 138' and 160'. Hole cemented four times. Tried to pull casing but unable to recover 24 feet of AX, 40 feet of BX and 20 feet of CX.
 Top 150 feet cemented under pressure.
 AX Core 29.7 @ 33.0.

ASSAY RECORD SHEET

Hole No. GB-43

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3016	402.3	405.7	3.4	0.18		Fine grained, dark green altered tuff with chlorite, occasional quartz injections and disseminated minor chalcopyrite. 10 to 12% pyrite.
3017	405.7	408.3	2.6	0.57		Similar to #3016.
3018	408.3	409.7	1.4	5.88		Fine grained to very fine grained, dark grey altered tuff with chlorite. 8 to 10 % chalcopyrite, 8 to 10% pyrite.
3019	409.7	413.5	3.8	0.46		Similar to #3018. Minor disseminated chalcopyrite, pyrite and pyrrhotite.
3020	413.5	418.5	5.0	0.40		Fine grained to very fine grained, medium grey, finely banded siliceous tuff with occasional quartz injections and minor disseminated pyrite, chalcopyrite and magnetite.
3021	418.5	419.2	0.7	1.01		Intercalated altered andesite. 3 to 4% pyrite and pyrrhotite, 2 to 3% chalcopyrite.
3022	419.2	421.4	2.2	0.46		Same as #3020.
3023	421.4	422.7	1.3	2.26		Fine grained, dark blue-grey altered andesite with numerous quartz injections and chlorite, anthophyllite and cordierite (?) development. 4 to 6% chalcopyrite, 2 to 3% pyrite and pyrrhotite.
3024	422.7	424.7	2.0	2.66		Similar to #3023. 5 to 7% chalcopyrite, 2 to 3% pyrite and pyrrhotite.
3025	424.7	425.8	1.1	2.77		Similar to #3023. 5 to 7% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3026	425.8	427.5	1.7	1.70		Similar to #3023. 3 to 4% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3027	427.5	429.8	2.3	1.72		Similar to #3023. 7 to 9% chalcopyrite, 3 to 4% pyrite and pyrrhotite.
3028	429.8	432.5	2.7	1.64		Similar to #3023. 4 to 6% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3029	432.5	434.1	1.6	1.57		Similar to #3023. 4 to 6% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3030	434.1	437.6	3.5	0.24		Fine grained, dark green-grey dolerite dyke.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
	437.6	461.9	N O T	S A M P L E D		Dolerite dyke.
3031	461.9	464.1	2.2	0.15		Similar to #3030.
3032	464.1	465.7	1.6	1.26		Fine grained, dark green-grey altered andesite tuff (?) with biotite, chlorite and anthophyllite. 1 to 2% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3033	465.7	467.9	2.2	0.42		Similar to #3032. 1 to 2% pyrite and pyrrhotite, minor chalcopyrite.
3034	467.9	471.4	3.5	0.13		Similar to #3032. Minor disseminated pyrite, pyrrhotite and chalcopyrite.
3035	471.4	473.4	2.0	0.19		Similar to #3032. Minor disseminated pyrite, pyrrhotite and chalcopyrite.
3036	473.4	474.1	0.7	0.70		Similar to #3032. 1 to 2% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3037	474.1	478.2	4.1	0.05		Similar to #3032. Minor disseminated pyrite, pyrrhotite and chalcopyrite.
	478.2	478.6	0.4	N O T	S A M P L E D	Very fine grained, black trap dyke.
3038	478.6	482.1	3.5	0.34		Similar to #3032. Core badly broken. Minor disseminated pyrite, pyrrhotite, and chalcopyrite.
3039	482.1	484.6	2.5	0.37		Similar to #3032. Minor disseminated pyrite, pyrrhotite and chalcopyrite.
3040	484.6	487.1	2.5	0.52		Similar to #3032. 1 to 2% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3041	487.1	489.0	1.9	1.15		Similar to #3032. 2 to 3% chalcopyrite, 1 to 2% pyrite and pyrrhotite.
3042	489.0	491.1	2.1	1.21		Similar to #3032. 4 to 5% chalcopyrite, 3 to 5% pyrite and pyrrhotite.
3043	491.1	493.1	2.0	2.05		Similar to #3032. 7 to 9% pyrite and pyrrhotite, 6 to 8% chalcopyrite.
3044	493.1	497.1	4.0	1.11		Similar to #3032. 3 to 5% pyrite and pyrrhotite, and 2 to 4% chalcopyrite.
3045	497.1	500.0	2.9	1.78		Similar to #3032. 5 to 6% pyrite and pyrrhotite, 3 to 4% chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-43

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Page 3.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3046	500.0	501.8	1.8	2.32		Similar to #3032. 7 to 9% chalcoppyrite, 4 to 6% pyrite and pyrrhotite.
3047	501.8	503.2	1.4	2.74		Similar to #3032. 10 to 12% chalcoppyrite, 3 to 5% pyrite and pyrrhotite.
3048	503.2	505.0	1.8	3.19		Similar to #3032. 12 to 14% chalcoppyrite, 4 to 6% pyrite and pyrrhotite.
3049	505.0	506.4	1.4	1.37		Similar to #3032. 6 to 8% chalcoppyrite, 3 to 5% pyrite and pyrrhotite.
3050	506.4	508.6	2.2	1.21		Similar to #3032. 4 to 6% chalcoppyrite, 3 to 4% pyrite and pyrrhotite.
3051	508.6	512.1	3.5	0.56		Similar to #3032. 1 to 2% chalcoppyrite, minor pyrite and pyrrhotite.
3052	512.1	515.6	3.5	0.99		Fine grained, dark green-grey altered andesite tuff (?) with local chlorite, biotite, anthophyllite and sericite (?) development and occasional quartz injections. Minor disseminated chalcoppyrite, pyrite and pyrrhotite.
3053	515.6	518.5	2.9	0.73		Similar to #3052. 2 to 3% pyrite and pyrrhotite, 1 to 2% chalcoppyrite.
3054	518.5	520.1	1.6	2.62		Similar to #3052. 4 to 6% pyrite and pyrrhotite, 3 to 4% chalcoppyrite.
3055	520.1	522.5	2.4	0.84		Similar to #3052. 1 to 2% chalcoppyrite, 1 to 2% pyrite and pyrrhotite.
3056	522.5	524.7	2.2	1.55		Similar to #3052. 2 to 4% chalcoppyrite, 1 to 2% pyrite and pyrrhotite.
3057	524.7	527.0	2.3	2.28		Similar to #3052. 2 to 4% pyrite and pyrrhotite, 1 to 3% chalcoppyrite.
3058	527.0	529.4	2.4	3.55		Similar to #3052. 4 to 6% chalcoppyrite, 3 to 5% pyrite and pyrrhotite.
3059	529.4	532.2	2.8	4.87		Similar to #3052. 12 to 14% pyrite and pyrrhotite, 10 to 12% chalcoppyrite.
3060	532.2	533.7	1.5	2.89		Similar to #3052. 6 to 8% chalcoppyrite, 6 to 8% pyrite and pyrrhotite.
3061	533.7	534.9	1.2	5.42		Similar to #3052. 10 to 12% chalcoppyrite, 8 to 10% pyrite and pyrrhotite.
3062	534.9	536.2	1.3	6.20		Similar to #3052. 12 to 14% chalcoppyrite, 10 to 12% pyrite and pyrrhotite.

ASSAY RECORD SHEET

Hole No. GB-43

GULBRIDGE MINES LIMITED
Badger, Newfoundland

Page 41.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3063	535.2	538.6	2.4	1.31		Similar to #3052. 6 to 8% pyrite and pyrrhotite, 3 to 5% chalcopryrite.
3064	538.6	539.4	0.8	1.83		Similar to #3052. 10 to 12% chalcopryrite, 8 to 10% pyrite and pyrrhotite.
3065	539.4	540.5	1.1	0.71		Similar to #3052. 2 to 4% chalcopryrite, 1 to 2% pyrite and pyrrhotite.
3066	540.5	541.7	1.2	0.14		Fine grained, dark green-gray dolerite slightly altered.
3067	551.3	552.9	1.6	0.10		Fine grained to very fine grained, dark grey andesite with minor disseminated chalcopryrite and pyrite.
3068	578.6	582.4	3.8	0.10		Fine grained, dark grey quartz feldspar porphyry.
3069	582.4	585.8	3.4	0.07		Fine grained, dark blue-grey altered chloritic andesite with local anthophyllite (?) and cordierite development and minor disseminated pyrite, pyrrhotite and chalcopryrite.
3070	585.8	588.4	2.6	0.09		Similar to #3069.
3071	588.4	593.4	5.0	0.09		Fine grained to very fine grained, medium grey siliceous tuff, locally crenulated, with occasional quartz injections and some intercalated andesitic material. Minor disseminated pyrite and pyrrhotite.
3072	593.4	596.9	3.5	Trace		Similar to #3071.
3073	596.9	600.5	3.6	0.04		Similar to #3071.
3074	600.5	603.4	2.9	0.09		Similar to #3071.
3075	603.4	606.0	2.6	0.10		Fine grained, dark grey altered andesite with chlorite, cordierite considerable injected quartz and minor disseminated pyrite, pyrrhotite and chalcopryrite.
3076	606.0	608.9	2.9	0.10		Fine grained, to very fine grained, medium grey siliceous tuff locally crenulated with numerous quartz injections and minor dissem. py. & pyrr.

ASSAY RECORD SHEET

Hole No. GB-43

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Page 5.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3077	608.9	612.0	3.1	0.05		Similar to #3076.

Summary:

421.4	434.1	12.7	1.83	
487.1	539.4	52.3	1.97	

FALCONBRIDGE NICKEL MINES LIMITED.

GULLBRIDGE MINES LIMITED.

GULL POND

NEWFOUNDLAND.

ASSAY VALUES.

HOLE NO. G.B. 43, continued.

<u>SAMPLE NO.</u>	<u>FROM</u>	<u>TO</u>	<u>LENGTH</u>	<u>%Cu.</u>
3040	484.8	487.1	2.3	0.52
3041	487.1	489.0	1.9	1.15
3042	489.0	491.1	2.1	1.21
3043	491.1	493.1	2.0	2.05
3044	493.1	497.1	4.0	1.11
3045	497.1	500.0	2.9	1.78
3046	500.0	501.8	1.8	2.32
3047	501.8	503.2	1.4	2.74
3048	503.2	505.0	1.8	3.19
3049	505.0	506.4	1.4	1.37
3050	506.4	508.6	2.2	1.21
3051	508.6	512.1	3.5	0.56
3052	512.1	515.6	3.5	0.99
3053	515.6	518.5	2.9	0.73
3054	518.5	520.1	1.6	2.52
3055	520.1	522.5	2.4	0.54
3056	522.5	524.7	2.2	1.55
3057	524.7	527.0	2.3	2.28
3058	527.0	529.4	2.4	3.55
3059	529.4	532.2	2.8	4.67
3060	532.2	533.7	1.5	2.88
3061	533.7	534.9	1.2	5.42
3062	534.9	535.2	1.3	6.20
3063	535.2	538.6	2.4	1.31
3064	538.6	539.4	0.8	1.83
3065	539.4	540.5	1.1	0.71
	484.8	540.5	55.9	1.91 % Cu.

FALCONBRIDGE NICKEL MINES LIMITED

GULLBRIDGE MINES LIMITED

GULL POND

NEWFOUNDLAND

ASSAY VALUES

HOLE NO. G.B. 43. continued.

<u>FROM</u>	<u>TO</u>	<u>LENGTH</u>	<u>% Cu.</u>
497.1	506.4	9.3	2.24 % Cu.
500.0	505.0	5.0	3.78 % Cu.
522.6	539.4	16.9	3.22 % Cu.
527.0	536.2	9.2	4.46 % Cu.
529.4	536.2	6.8	4.78 % Cu.