

F. (NEWFOUNDLAND) NICKEL MINES LIMITED

Date: July 10, 51. Location: 6400 N. - 5461 N. Bearing: Sect. Holo: N. 3. 44
 Logged by: L. P. Halladay. Dip: -45° at collar. Property: Gull Pond, Newfoundland.

DIP TESTS:

<u>Footage</u>	<u>Angle etched on tube</u>	<u>Corrected angle</u>
0.0	45° at collar	
500.0	48½°	40°
1000.0	46°	37½°

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0.0	22.0	Overburden: large boulders, sand and gravel.
22.0	28.8	Very fine grained, medium grey-green rhyolite with occasional subhedral feldspar phenocrysts.
28.8	35.6	Fine grained, dark green to black intermediate dyke with occasional feldspar phenocrysts. Finer grained near both contacts.
35.6	136.3	Very fine grained, medium gray to dark gray rhyolite with occasional phenocrysts and amygdulæ, locally abundant quartz injections and epidote fracture-fillings and some intercalated rhyolite tuff.
136.3	161.4	Medium grained, medium gray cordierite porphyry dyke with feldspar phenocrysts and minor magnetite.
161.4	439.9	Very fine grained, medium green-gray to dark gray rhyolite with occasional phenocrysts and amygdulæ, local sericite development, numerous quartz injections and epidote fracture-fillings and some intercalated rhyolite tuff. Rhyolite breccia: 161.0; 334.3; 338.0.
439.9	453.2	Fine grained to very fine grained, medium to dark gray altered tuff, locally siliceous, with biotite and chlorite development, occasional quartz injections and minor disseminated pyrites. Core ground: 441.0 - 442.5; 443.0 - 445.0; and 446.8 - 449.0.
453.2	461.3	Fine grained, dark gray altered andesite with chlorite, biotite, cordierite and local anthophyllite development and minor disseminated pyrites, pyrrhotite and chalcopyrite. Shows slight lineation of minerals.
461.3	466.6	Very fine grained, medium gray siliceous tuff with local biotite and chlorite development, occasional quartz injections, 4 - 6 % pyrites and pyrrhotite and minor chalcopyrite.
466.6	483.0	Fine grained, dark blue-gray altered andesite with chlorite, biotite, cordierite and anthophyllite development, occasional quartz injections, minor magnetite and varying amounts of pyrrhotite, chalcopyrite and pyrites. Some intercalated siliceous tuff, slight mineralization.
483.0	505.0	Fine grained to very fine grained dark green-black trap dyke with very minor pyrites.
505.0	533.3	Fine grained, dark blue-gray altered andesite with chlorite, cordierite and anthophyllite development, numerous quartz injections and varying amounts of chalcopyrite, pyrite and pyrrhotite. Local serpentine? development commonly in chloritic zones.

FALCONBRIDGE NICKEL MINES LIMITED6400 N. - 5165 W.Date: July 10, 51. Location: of O baseline. Bearing: East. Hole No: O.P. 44.Logged by: L.B.H. Dip: -45° at collar. Property: Gull Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
533.3	534.1	Very fine grained, dark green-black trap dyke.
534.1	535.5	Similar to 505.0 - 533.3
535.5	537.2	Very fine grained, dark green-black trap dyke.
537.2	560.5	Fine grained, dark green altered chloritic andesite with cordierite and local anthophyllite development and minor pyrrhotite, pyrites and chalcopyrite.
560.5	594.5	Fine grained, dark blue grey, altered chlorite, cordierite, anthophyllite, sericite andesite with highly chloritized zones, occasional quartz injections and varying amounts of chalcopyrite, pyrrhotite and pyrites.
594.5	608.4	Fine grained to very fine grained, dark grey altered tuff with cordierite, chlorite and biotite development and minor magnetite and varying amounts of pyrites.
608.4	635.0	Fine grained to very fine grained, medium grey, siliceous tuff with local chlorite and biotite development and minor pyrites, pyrrhotite and chalcopyrite.
635.0	685.7	Fine grained, dark green andesite (?) dyke with considerable chlorite development, occasional quartz injections and epidote and carbonate fracture-fillings and minor pyrites. Some intercalated siliceous tuff similar to 608.4 - 635.0.
685.7	691.7	Fine grained, dark blue - grey altered andesite with cordierite, chlorite and sericite development and minor disseminated pyrites.
691.7	703.7	Fine grained to very fine grained, medium grey crenulated tuff, in part siliceous and with chlorite and biotite development and minor disseminated pyrites and magnetite. Cut by numerous quartz injections.
703.7	740.1	Medium to fine grained, dark grey - green dolerite dyke with occasional feldspar phenocrysts, considerable epidote development and few carbonate fracture-fillings. Probably consists of several dykes.
740.1	754.2	Fine grained to very fine grained, medium grey crenulated tuff similar to 691.7 - 703.7.
754.2	757.5	Fine grained, dark blue - grey altered andesite with chlorite, cordierite, anthophyllite and sericite development and minor disseminated pyrites and pyrrhotite.
757.5	770.6	Fine grained, dark green andesite (?) dyke with considerable chlorite development, occasional quartz injections and epidote fracture-fillings.
770.6	774.1	Similar to 754.2 - 757.5.
774.1	789.7	Fine grained to very fine grained, medium to dark grey siliceous tuff, locally crenulated, with bands of chlorite and biotite, numerous quartz injections and minor disseminated pyrites. Contains some crystals of quartz, carbonate and chlorite that tend to lie parallel.

FALCONBURN NICKEL MINES LIMITED.

64° 00' N. - 51° 05' W.

Date: 10 July, 51. Location: on O baseline. Bearings: East. Hole No: G.N.44

Logged by: L.R.H. Dip: -15° at collar. Property: Gull Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
769.7	794.9	Similar to 757.5 - 770.6
794.9	819.0	Similar to 774.1 - 789.7.
819.0	833.0	Fine grained, dark green altered chloritic andesite with local biotite and cordierite development and 3 - 4 % coarsely crystalline pyrites and pyrrhotite.
833.0	847.2	Fine grained to very fine grained, medium to dark grey siliceous tuff, locally crenulated with fine bands of chlorite and biotite, numerous quartz injections and minor disseminated pyrites.
847.2	855.0	Fine grained, dark green altered chloritic andesite with biotite and blebs of cordierite, 3 - 4 % coarsely crystalline pyrites and pyrrhotite and minor magnetite.
855.0	864.3	Fine grained to very fine grained, medium green dacite (?) dyke with occasional epidote fracture-fillings.
864.3	883.2	Fine grained to very fine grained, medium grey siliceous tuff with fine bands of chlorite and biotite, numerous quartz injections and minor disseminated pyrrhotite and magnetite. From 874.5 - 880.2: -- 75% pyrites.
883.2	900.0	Fine grained, dark green altered chloritic andesite with biotite and blebs of cordierite, quartz amygdulae, 1 - 2 % pyrites and pyrrhotite and minor magnetite. Core ground: 896.5 - 900.0.
900.0	902.1	Fine grained, medium green dacite dyke with occasional carbonate fracture-fillings.
902.1	925.0	Fine grained, medium green - grey, slightly altered andesite, locally banded, occasionally siliceous, with chlorite, biotite development, numerous quartz injections and carbonate fracture-fillings, minor disseminated pyrites, chalcopyrite, (sphalerite and galena ?)
925.0	930.2	Fine grained, dark green - grey dolerite (?) porphyry dyke with quartz and feldspar phenocrysts.
930.2	960.0	Similar to 902.1 - 925.0 with very minor pyrites.
960.0	972.3	Similar to 925.0 - 930.2.
972.3	984.4	Similar to 902.1 - 925.0 with local pyroxene (?) development and very minor pyrites.
984.4	986.5	Similar to 925.0 - 930.2.
986.5	1009.0	Fine grained, dark grey slightly altered andesite with chlorite, biotite and local minor cordierite development, numerous quartz injections, minor carbonate fracture-fillings and minor pyrites. Locally banded and slightly schistose. Cut by several small dykes similar to 925.0 - 930.2.

HOLE FINISHED.

Hole started July 8th, 1951.

Hole finished July 26th, 1951.

Bad ground at 236'. Hole cemented twice. Top 150' cemented under pressure. Tried to pull casing but unable to recover 20' of A.X. casing. A.X.T. core: 22.0 - 36.0.

ASSAY RECORD SHEET

Hole No. GB-44

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3122	453.2	458.0	4.8	0.12		Fine grained, dark grey altered andesite with chlorite, biotite, cordierite and local anthophyllite development and minor disseminated pyrite, pyrrhotite chalcopyrite and ZnS (?)
3123	458.0	461.3	3.3	0.22		Similar to #3122.
3124	461.3	466.6	5.3	1.01		Very fine grained, medium grey siliceous tuff with local biotite and chlorite development. 4 to 6% pyrite and pyrrhotite. Minor chalcopyrite.
3125	466.6	469.8	3.2	0.64		Fine grained, dark blue-grey altered andesite with chlorite cordierite and anthophyllite, quartz injections and minor magnetite. 1 to 2% pyrite and pyrrhotite. Minor chalcopyrite.
3126	469.8	473.8	4.0	0.37		Similar to #3125. Minor chalcopyrite, pyrite and pyrrhotite.
3127	473.8	475.2	1.4	0.40		Fine grained to very fine grained, medium grey siliceous tuff with minor disseminated sulphides.
3128	475.2	479.1	3.9	0.50		Similar to #3125 with considerable anthophyllite and minor pyrite, pyrrhotite and chalcopyrite.
3129	479.1	481.0	1.9	0.25		Similar to #3125. Minor chalcopyrite, pyrrhotite and pyrite.
3130	481.0	483.0	2.0	0.43		Fine grained, to very fine grained, medium grey siliceous tuff (?) with very minor disseminated pyrite, pyrrhotite and chalcopyrite.
3131	483.0	487.0	4.0	0.42		Fine grained to very fine grained dark green-black trap dyke with very minor pyrite.
	487.0	503.0	NOT	SAMPLED		Trap dyke.
3132	503.0	505.0	2.0	0.03		Similar to #3131.
3133	505.0	508.7	3.7	0.01		Fine grained, dark blue-grey altered andesite with chlorite and cordierite and minor disseminated chalcopyrite, pyrite and pyrrhotite.

ASSAY RECORD SHEET

Hole No. GB-44

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GULLBRIDGE MINES LIMITED
Padger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3134	508.7	511.2	2.5	0.01		Similar to #3133. 1 to 2% chalcopryite, 1 to 2% pyrrhotite, minor pyrite.
3135	511.2	512.7	1.5	0.70		Similar to #3133. Highly chloritic. 1 to 2% chalcopryite, minor pyrite and pyrrhotite.
3136	512.7	516.0	3.3	0.54 (0.65)		Similar to #3133. with minor anthophyllite. Minor disseminated pyrrhotite, pyrite and chalcopryite.
3137	516.0	517.6	1.6	1.59 (1.65)		Similar to #3133, highly chloritic. 1 to 2% pyrite, minor chalcopryite and pyrrhotite.
3138	517.6	520.3	2.7	0.55 (0.52)		Similar to #3133. 3 to 5% chalcopryite, 3 to 5% pyrrhotite, 1 to 2% pyrite.
3139	520.3	521.7	1.4	0.94 (0.98)		Similar to #3133, highly chloritic. Minor chalcopryite, pyrite and pyrrhotite.
3140	521.7	523.8	2.1	0.15		Similar to #3133. 3 to 5% chalcopryite, 3 to 5% pyrite and pyrrhotite.
3141	523.8	526.9	3.1	0.65		Similar to #3133, highly chloritic, minor chalcopryite, pyrite and pyrrhotite.
3142	526.9	530.4	3.5	0.18		Similar to #3133. Minor pyrite, pyrrhotite, chalcopryite and sphalerite (?)
3143	530.4	533.3	2.9	0.34		Similar to #3133. highly chloritic in part. 1 to 2% chalcopryite, 2 to 4% pyrrhotite and pyrite.
3144	533.3	534.1	0.8	0.05		Very fine grained, dark green-black trap dyke.
3145	534.1	535.5	1.4	0.03		Similar to #3133, chloritic in part. Minor disseminated pyrite, pyrrhotite and chalcopryite.
3146	535.5	537.2	1.7	Nil		Very fine grained, dark green-black trap dyke.
3147	537.2	541.1	3.9	0.10		Fine grained, dark green altered chloritic andesite with cordierite and pyrite, pyrrhotite and chalcopryite.

ASSAY RECORD SHEET

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Hole No. GE-44

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3148	544.1	546.0	1.9	0.03		Similar to #3147, with local anthophyllite development.
3149	546.0	551.0	5.0	N11		Similar to #3147. 1 to 2% pyrrhotite, minor pyrite and chalcopyrite.
3150	551.0	555.5	4.5	N11		Fine grained, dark green altered chloritic andesite with minor cordierite minor disseminated pyrrhotite, pyrite and chalcopyrite.
3151	555.5	560.5	5.0	N11		Similar to #3150. 1 to 2% pyrrhotite, minor pyrite.
3152	560.5	564.6	4.1	0.11		Fine grained, dark blue-grey altered andesite with cordierite, anthophyllite and locally abundant chlorite. Minor pyrrhotite, chalcopyrite and pyrite.
3153	564.6	566.5	1.9	0.18		Similar to #3152. 1 to 2% chalcopyrite, minor pyrite and pyrrhotite.
3154	566.5	568.0	1.5	0.11		Similar to #3152. Minor pyrrhotite, chalcopyrite and pyrite.
3155	568.0	571.0	3.0	0.87		Similar to #3152. 3 to 5% chalcopyrite, 1 to 2% pyrrhotite and pyrite.
3156	571.0	574.0	3.0	0.70		Similar to #3152. 1 to 2% chalcopyrite, minor pyrrhotite and pyrite.
3157	574.0	576.7	2.7	0.77		Similar to #3152. 2 to 4% chalcopyrite, 1 to 2% pyrrhotite and pyrite.
3158	576.7	579.2	2.5	0.44		Similar to #3152. 1 to 2% chalcopyrite, minor pyrrhotite and pyrite.
3159	579.2	583.0	3.8	0.55		Similar to #3152. 1 to 2% chalcopyrite, minor pyrrhotite and pyrite.
3160	583.0	584.6	1.6	0.17		Similar to #3152, with minor amount of chlorite, minor pyrrhotite, pyrite and chalcopyrite.
3161	584.6-	588.2	3.6	0.96		Similar to #3152. 2 to 4% chalcopyrite, 1 to 3% pyrrhotite and pyrite.
3162	588.2	591.4	3.2	0.27		Similar to #3152. 2 to 4% pyrrhotite, 1 to 2% chalcopyrite, minor pyrite.
3163	591.4	594.5	3.1	0.09		Similar to #3152 with minor biotite. Minor pyrrhotite and pyrite.
	594.5	819.0	NOT	SAMPLED		

ASSAY RECORD SHEET

Hole No. CB-44

TULLEBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3164	819.0	823.9	4.9	Nil		Fine grained, dark green altered chloritic andesite with local cordierite development. 3 to 4% pyrite and pyrrhotite.
3165	823.9	828.1	4.2	Nil		Similar to #3164.
3166	828.1	833.0	4.9	Nil		Similar to #3164, with local biotite development. 2 to 3% pyrite and pyrrhotite.
	833.0	847.1	NOT	SAMPLED		
3167	847.1	852.1	5.0	Nil		Similar to #3164, with local biotite development, 3 to 4% pyrite and pyrrhotite and minor magnetite.
3168	852.1	858.6	6.5	Nil		Similar to #3164, with 3 to 5% pyrite and pyrrhotite and minor magnetite.
	858.6	874.0	NOT	SAMPLED		
3169	874.0	877.9	3.9	Nil		Fine grained, ⁶ very fine grained, medium grey siliceous tuff with chlorite and biotite bands. 70 to 80% pyrite, minor pyrrhotite and magnetite.
3170	877.9	881.3	3.4	0.06		Similar to #3169, with 30 to 40% pyrite and minor pyrrhotite and magnetite.
3171	881.3	886.3	5.0	Trace		Fine grained, dark green altered chloritic andesite with biotite and blebs of cordierite. 1 to 2% pyrite and pyrrhotite, minor magnetite.
3172	886.3	891.2	4.9	0.06		Fine grained, dark blue-grey altered andesite with chlorite, cordierite and biotite, minor pyrite, pyrrhotite and magnetite.
3173	891.2	895.2	4.0	Nil		Similar to #3172, with some intercalated andesite similar to #3171. 1 to 2% pyrite and pyrrhotite.
3174	895.2	900.0	4.8	0.01		Similar to #3171.
	900.0	910.0	NOT	SAMPLED		
3175	910.0	915.0	5.0	0.03		Fine grained, medium green-grey slightly altered andesite locally banded, occasionally siliceous, with chlorite, biotite and minor cordierite, quartz injections, carbonate and epidote fracture-fill, minor pyrite.

ASSAY RECORD SHEET

GULLBRIDGE MINES LIMITED
 Badger, Newfoundland

Hole No. GB-44
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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3176	915.0	920.0	5.0	0.07		Similar to #3175. Minor pyrite, galena, chalcopyrite and sphalerite (?).
3177	920.0	925.0	5.0	0.05		Similar to #3175. Minor pyrite.

FALCONBRIDGE NICKEL MINES LIMITED

QUILBRIDGE MINES LIMITED

QUILL POND

NEWFOUNDLAND

ASSAY VALUES

HOLE NO. G.R. 44

<u>SAMPLE NO.</u>	<u>FROM</u>	<u>TO</u>	<u>LENGTH</u>	<u>%CU</u>
	511.2	512.7	1.5	0.70
	512.7	516.0	3.3	0.65
	516.0	517.6	1.6	1.65
	517.6	520.3	2.7	0.55
	520.3	521.7	1.4	0.98
	511.2	521.7	10.5	0.83 % CU.
	516.0	521.7	5.7	0.96 % CU