

FALCONBRIDGE NICKEL MINES LIMITED

Date: June 1, 1951 Location: 92.6' N
290.0 W of O.B.L. Hole No: G.R. 38

Logged by: L. Hudson Elevation: _____ Dip: -90° at Property: Gull Pond, Nfld.
collar

DIP TESTS:

<u>Footage</u>	<u>Angle etched on tube</u>	<u>Corrected angle</u>
615'	87 degrees	86 degrees
900'	85½ degrees	83½ degrees

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
0.0	20.0	Overburden: mostly sand with some gravel and occasional small boulders.	
20.0	80.3	Fine grained, light, greyish-green, rhyolite with numerous quartz fracture-fillings. Broken ground with serious caving and loss of water at 70 - 75'.	
80.3	82.1	Fine grained, dark green, slightly ophitic textured, dolerite dyke.	
82.1	91.9	Similar to 20.0 - 80.3.	
91.9	95.6	Fine to medium fine grained, dark, grey-black, dolerite dyke.	
95.6	129.0	Similar to 20.0-80.3, but with light brown rhyolite in part and epidote fracture-filling.	
129.0	134.9	Fine grained to medium grained, dark green-black, trap dyke, core ground 129.5-131.0, and 131.5-132.5.	
134.9	142.8	Fine grained, light, brown rhyolite, highly fractured.	
142.8	160.3	Fine grained to medium grained, dark, green-black, trap dyke with epidote fracture-fillings	
160.3	182.1	Fine grained light, greyish-green rhyolite with quartz and epidote fracture-fillings; core ground 168.0-172.0 and 173.0 - 177.0.	
182.1	185.0	Fine grained, dark grey trap dyke, with epidote fracture-fillings	
185.0	211.0	Fine grained light, greyish-green rhyolite with quartz and epidote fracture-fillings and occasional pink feldspar phenocrysts.	
211.0	244.0	Fine grained to medium fine grained, greenish grey, altered andesite with considerable talc development and numerous limonitic fractures.	
244.0	275.0	Fine grained light grey rhyolite, with numerous quartz injections and a small amount of intercalated altered andesite.	
275.0	320.4	Fine grained, dark green, amygdaloidal andesite, with numerous epidote fracture-fillings	

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collar

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
812.3	821.6	Fine grained to very fine grained, medium grey siliceous crenulated tuff, with numerous quartz injections, minor disseminated pyrite and chalcopyrite.	
821.6	880.9	"Sulphide zone"- fine grained to very fine grained dark grey-blue altered andesite, with biotite and intercalated siliceous crenulated tuff. Numerous quartz injections, local epidote fracture-filling and varying amounts of disseminated pyrite and chalcopyrite. <u>From 877-880.9 disseminated galena.</u>	
880.9	895.0	Fine grained dark, blue grey andesite, with biotite, Anthophyllite and minor pyrite, pyrrhotite and chalcopyrite.	
895.0	910.6	Fine grained to very fine grained, dark grey, dolerite dyke	
910.6	913.0	Fine grained dark, blue-grey andesite, with biotite, and minor disseminated pyrite, pyrrhotite, and chalcopyrite.	

END OF HOLE.

Hole started May 27, 1951.
Hole finished June 14, 1951.

All AXT and EXT casing left in.

Pad caving ground at about 70', cemented 3 times.

Left hole with top 150' cemented under pressure.

AXT core 20.0 - 30.2

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290.0 W of O.R.L.

Logged by: L. Hudson Elevation: Dip: -90° at Property: Gull Pond,
collar Nfld.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
320.4	329.8	Fine to medium grained, dark, bluish-green, altered andesite with biotite, anthophyllite, chlorite, and cordierite development. Minor disseminated pyrite and pyrrhotite.	
329.8	334.3	Very fine grained, medium grey to black, siliceous, cherty looking andesite or tuff, minor pyrite.	
334.3	357.0	Similar to 320.4-329.8.	
357.0	375.0	Very fine grained, dark, grey to black, siliceous, cherty looking tuff? with minor disseminated pyrite and pyrrhotite.	
375.0	407.1	Fine grained, medium grey, siliceous, finely crumulated tuff, fine banding roughly parallel core. Minor disseminated pyrite and locally quartz injection.	
407.1	412.3	Similar to 357-375.0, with local quartz injections.	
412.3	444.7	Fine to medium grained, dark bluish-green, altered andesite, with biotite, anthophyllite and chlorite development. Minor disseminated pyrite and pyrrhotite.	
444.7	464.6	"Sulphide Zone" - Fine grained, dark green chloritic andesite, with biotite, anthophyllite and cordierite development. Varying amounts of disseminated pyrite and pyrrhotite.	
464.6	467.0	Fine grained to very fine grained medium grey, siliceous tuff, with injected quartz, biotite, and minor disseminated pyrite, shows banding at an angle of 20°.	
467.0	480.5	"Sulphide Zone" - Fine grained, dark, green, chloritic andesite, with biotite, anthophyllite and cordierite development. Locally siliceous and with minor pyrite and pyrrhotite.	
480.5	491.4	Fine grained, dark green, chloritic andesite, slightly siliceous and with biotite, anthophyllite and cordierite development. Minor pyrite and pyrrhotite.	
491.4	523.3	Fine grained to medium grained, dark green, siliceous andesite, with anthophyllite, biotite, chlorite and cordierite? development. Local minor pyrite, pyrrhotite and chalcopyrite.	
523.3	533.2	Fine grained, -very fine grained, medium grey, siliceous tuff, with occasional quartz injection, sericite, biotite, and chlorite. Varying amounts of disseminated pyrite, pyrrhotite and chalcopyrite.	

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Hole No: G.R. 38

Logged by: L. Hudson Elevation: _____ Dip: -90° at collar Property: Gull Pond, Nfld.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
533.2	551.2	Fine grained to very fine grained, medium grey orenulated tuff, with minor disseminated chalcopyrite, pyrrhotite and pyrite.	
551.2	562.7	Fine grained, white to grey, siliceous tuff? with injected quartz and minor chalcopyrite pyrite and pyrrhotite.	
562.7	581.2	Fine grained, dark green, altered andesite with biotite, chlorite and sericite development slightly siliceous.	
581.2	603.5	Fine grained, dark greenish-grey andesite, with chlorite, and epidote fracture-fillings	
603.5	612.3	Fine grained to very fine grained, medium grey siliceous tuff, orenulated in part, with cordierite, chlorite and minor disseminated pyrite.	
612.3	615.8	Very fine grained, dark grey cherty-looking rock probably rhyolite, with minor disseminated pyrite and pyrrhotite.	
615.8	617.3	Similar to 603.5-612.3.	
617.3	622.0	Similar to 612.3-615.8.	
622.0	625.7	Similar to 603.5-612.3.	
625.7	631.5	Fine grained to very fine grained light grey siliceous tuff? with minor disseminated pyrite.	
631.5	656.7	Fine grained to very fine grained medium grey siliceous orenulated tuff, with minor pyrite and pyrrhotite.	
656.7	721.0	Fine grained, dark grey-black andesite, with biotite chlorite and minor disseminated pyrite, pyrrhotite, and chalcopyrite.	
721.0	744.5	Fine grained to very fine grained, dark grey, siliceous orenulated tuff, with local minor pyrite, pyrrhotite and chalcopyrite. Some intercalated andesite.	
744.5	750.0	Very fine grained black trap dyke, slightly magnetic core ground - 745-750.	
750.0	760.6	Fine grained to very fine grained, medium grey, siliceous, orenulated tuff, with minor pyrite and chalcopyrite.	
760.6	798.2	Fine grained to very fine grained medium grey, siliceous, orenulated tuff, with minor disseminated pyrite and epidote fracture-fillings, locally sericitic.	
798.2	812.3	Fine grained to very fine grained, black trap dyke, slightly magnetic, from 810.4-810.9 material similar to 760.6-798.2, probably inclusion.	

ASSAY RECORD SHEET

Hole No. GB-38

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
2177	447.7	450.9	3.2	0.06		Fine grained, dark green chloritic andesite, with biotite, anthophyllite and cordierite development. 1 to 2% disseminated pyrite and pyrrhotite.
2178	450.9	452.7	1.8	0.07		Same as above but only minor pyrite and pyrrhotite.
2179	452.7	456.1	3.4	0.21		Same as #2177, 12 to 15% disseminated pyrite and pyrrhotite.
2180	456.1	460.3	4.2	0.18		Same as #2177. 10 to 13% disseminated pyrite and pyrrhotite.
2181	460.3	464.6	4.3	0.13		Same as #2177. 7 to 8% disseminated pyrite and pyrrhotite.
2182	464.6	467.0	2.4	0.12		Fine grained to very fine grained, medium grey siliceous tuff with injected quartz, biotite and minor disseminated pyrite. Shows banding at an angle of 20° to length. Less than 1% disseminated pyrite.
2183	467.0	470.7	3.7	0.10		Fine grained, dark green, chloritic andesite, with biotite, anthophyllite and cordierite development. Locally siliceous. Less than 1% pyrite and pyrrhotite.
2184	519.9	523.3	3.4	0.52		Fine grained to medium grained, dark green, siliceous andesite with anthophyllite, biotite, chlorite and cordierite (?) development. Minor pyrite, pyrrhotite and chalcopyrite.
2185	523.3	526.0	2.7	0.45		Fine grained to very fine grained, medium grey, siliceous tuff with occasional quartz injection, sericite, biotite and chlorite. Disseminated pyrite, pyrrhotite - 3 to 5%, minor chalcopyrite.
2186	526.0	527.6	1.6	0.12		Same as above, less than 1% pyrite and pyrrhotite.
2187	528.6	533.2	4.6	0.30		Fine grained to very fine grained, medium grey, siliceous tuff with occasional quartz injection, sericite, biotite, and chlorite. Disseminated pyrite and pyrrhotite - 3 to 4%, minor chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-38

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
2188	656.7	660.7	4.0	0.20		Fine grained, dark grey-black andesite with biotite, chlorite and minor disseminated pyrite, pyrrhotite and chalcopyrite.
2189	681.3	686.3	5.0	0.35		Same as #2188
2190	686.3	691.3	5.0	0.30		Same as #2188.
2191	739.4	744.4	5.0	0.71		Fine grained to very fine grained, dark grey siliceous crenulated tuff with some intercalated andesite, and minor pyrite, pyrrhotite and chalcopyrite.
	744.4	750.0	NOT		SAMPLED	Trap dyke and 5 feet ground core.
2192	750.0	755.0	5.0	0.77		Fine grained to very fine grained, medium grey siliceous crenulated tuff, with minor pyrite and chalcopyrite.
2193	755.0	759.8	4.8	0.18		Similar to 2192.
2194	759.8	762.3	2.5	0.33		Fine grained to very fine grained, medium grey siliceous crenulated tuff with minor disseminated pyrite and epidote fracture-fill, locally sericitic.
2195	816.8	821.6	4.9	0.11		Fine grained to very fine grained, medium grey siliceous tuff with numerous quartz injections and minor disseminated pyrite and chalcopyrite.
2196	821.6	824.1	2.5	0.13		Fine grained to very fine grained, dark grey blue altered andesite with minor disseminated pyrite and pyrrhotite.

ASSAY RECORD SHEET

Hole No. GB-38

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
2197	824.1	825.6	1.5	0.83		Similar to #2196, but with minor disseminated pyrite and 2 to 3% chalcopyrite.
2198	825.6	827.2	1.6	0.24		Similar to #2196 but with minor disseminated pyrite, chalcopyrite and pyrrhotite.
2199	827.2	828.2	1.0	1.79		Similar to #2196 with 3 to 5% chalcopyrite and 2 to 4% pyrite and pyrrhotite.
2200	828.2	830.5	2.3	0.42		Fine grained to very fine grained, medium grey siliceous tuff with local epidote fracture-fill and minor pyrite, pyrrhotite and chalcopyrite.
3001	830.5	832.9	2.4	3.57		Fine grained to very fine grained, medium grey siliceous tuff with 5 to 7% chalcopyrite, and 1 to 2% pyrite and pyrrhotite.
3002	832.9	840.7	7.8	0.43		Similar to #2200 with minor pyrite, chalcopyrite and galena.
3003	840.7	845.2	4.5	0.80		Fine grained, to very fine grained, dark grey blue altered andesite with biotite and intercalated siliceous crenulated tuff, and 1 to 2% disseminated pyrite and pyrrhotite and minor chalcopyrite.
3004	845.2	848.0	2.8	1.60		Similar to #3003 with 3 to 4% disseminated chalcopyrite and minor pyrite and pyrrhotite.
3005	848.0	856.7	8.7	0.17		Similar to #3003 with minor disseminated pyrite, pyrrhotite and chalcopyrite.
3006	856.7	864.5	7.8	0.15		Fine grained, dark grey-blue altered andesite with minor disseminated pyrite, pyrrhotite and chalcopyrite.
3007	864.5	867.8	3.3	0.39		Fine grained, to very fine grained, medium grey siliceous tuff with numerous quartz injections and minor pyrite, chalcopyrite and pyrrhotite.
3008	867.8	871.7	3.9	0.30		Similar to #3007 with minor disseminated pyrite, pyrrhotite, chalcopyrite and galena.
3009	871.7	875.1	3.4	0.40		Similar to #3006 with minor disseminated pyrite, pyrrhotite, chalcopyrite and galena.
3010	875.1	877.5	2.4	0.27		Similar to #3006 with 2 to 3% (pyrite, pyrrhotite) and minor chalcopyrite and galena.
3011	877.5	879.0	1.5	0.20		Similar to #3006 with minor disseminated pyrite, pyrrhotite, chalcopyrite and galena.

ASSAY RECORD SHEET

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Hole No. OB-38

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3012	879.0	880.9	1.9	0.30		Similar to #3006 with minor disseminated pyrite, pyrrhotite, chalcopyrite and galena.
3013	880.9	882.0	1.1	0.20		Fine grained, dark blue-grey andesite with biotite, anthophyllite, and minor pyrite, pyrrhotite and chalcopyrite.
3014	882.0	889.7	7.7	0.25		Fine grained, dark blue-grey andesite with biotite, anthophyllite and minor pyrite, pyrrhotite and chalcopyrite.
3015	889.7	895.0	5.3	0.22		The same as #3014.
<u>Summary:</u>						
	824.1	848.0	23.9	1.01		

FALCONBRIDGE NICKEL MINES LIMITED.

GULLBRIDGE MINES LIMITED.

GULL POND

NEWFOUNDLAND.

ASSAY VALUES.

SAMPLE NO. G.B. 32.

<u>SAMPLE NO.</u>	<u>FROM</u>	<u>TO</u>	<u>LENGTH</u>	<u>% Cu.</u>
2199	827.2	828.2	1.0	1.79
2200	828.2	830.5	2.3	0.42
3001	830.5	832.9	2.4	3.57
3002	832.9	840.7	7.8	0.43
	827.2	840.7	13.5	1.08 % Cu.
2199	827.2	828.2	1.0	1.79
2200	828.2	830.5	2.3	0.42
3001	830.5	832.9	2.4	3.57
	827.2	832.9	5.7	1.99 % Cu.