

FALCONBRIDGE NICKEL MINES LIMITED

DATE: May 19, 1951 Location: 7 + 00 S. approx.
110' W. of O.B.L. Bearing: East Hole No: G.P.35
 Logged by: W.B. Dip: -45 at collar Property: Gull Pond, Nfld.

DIP TESTS:

<u>Footage</u>	<u>Angle etched on tube</u>	<u>Corrected angle</u>
0.0	collared at -45°	
150.0	52 degrees	43½ degrees
340.0	50½ "	42 "

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
0.0	21.0	Overburden: sand with occasional boulders.	
21.0	52.0	Mostly fine grained, light grey, finely banded, cretulated, locally sericitic, siliceous tuff with considerable injected quartz and possibly some cordierite development. Locally schistose. Minor disseminated pyrites and local chalcopyrite. Banding cuts core at 55°.	
52.0	82.5	Complex of very fine grained, dark gray, cherty tuff (?) with numerous narrow intercalated sections of quartz-chlorite-anthophyllite-cordierite andesite, with considerable injected quartz, and minor fine pyrites and pyrrhotite.	
82.5	180.0	Fine grained, dark greyish-brown to greyish-white, cherty-looking, finely banded and locally cretulated tuff with some cordierite development and minor disseminated pyrites. Minor intercalated altered andesite.	
180.0	195.0	Fine grained, dark green, altered, chlorite-cordierite andesite with finely disseminated pyrites and pyrrhotite.	
195.0	213.0	Very fine grained, dark greyish-brown, cherty-looking, finely banded and locally cretulated tuff with considerable cordierite development and some disseminated pyrites and pyrrhotite.	
213.0	230.5	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with some disseminated pyrites, pyrrhotite and local minor chalcopyrite.	
230.5	242.5	Very fine grained, dark brownish-grey, finely banded and cretulated altered tuff with abundant cordierite development and minor disseminated pyrites.	
242.5	252.0	Fine grained, dark greenish-black, quartz-anthophyllite-chlorite-cordierite andesite with 10 - 12% disseminated pyrites.	
252.0	268.0	Very fine grained, dark greyish-brown, cherty-looking, finely banded and cretulated altered tuff with abundant cordierite development and minor disseminated pyrites.	

FALCONBRIDGE NICKEL MINES LIMITED

DATE: May 19, 1951 Location: 7 + 00 S. approx.
110' W. of O.R.L. Bearings: East Hole No: G.R. 35
 Logged by: W.B. Dip: -45 at collar Property: Gull Pond, Nfld.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
268.0	274.5	Fine grained, dark greyish-brown, altered, andesitic material with local pyrites and sphalerite (?) concentrations.	
274.5	290.0	Fine grained, dark green, amygdaloidal andesite cut by occasional quartz, carbonate, and epidote fracture-fillings.	
290.0	293.0	Fine grained, dark green, altered, chlorite-biotite-cordierite andesite with 15% disseminated pyrites and pyrrhotite.	
293.0	313.5	Very fine grained, grey to brownish-grey, finely banded and crumulated tuff with some cordierite development and disseminated pyrites and some pyrrhotite.	
313.5	319.0	Fine grained, dark green, quartz-anthophyllite-chlorite-biotite andesite with disseminated pyrrhotite and pyrites and possibly some sphalerite (295.0-296.0 ground core).	
319.0	329.3	Fine grained, dark green, amygdaloidal (?) andesite.	
329.3	350.0	Highly altered tuff complex (?). Mostly grey to medium grey to greenish-grey, locally cherty, fine grained, siliceous, slightly banded, altered tuffs cut by numerous quartz fracture-fillings and with minor disseminated pyrites. Possibly some intercalated andesitic material.	

HOLE FINISHED.

Hole started May 17, 1951
 Hole finished May 20, 1951

AXT casing pulled, EXT casing left in & hole left open.

21.0 - 23.0 AXT core, remainder EXT

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1953	23.0	29.0	6.0	0.12		Fine grained, light grey, locally sericitic, finely banded, crenulated and schistose siliceous tuff with minor disseminated pyrite and some injected quartz.
1954	29.0	34.5	5.5	0.18		Similar, with minor cordierite (?) development. Banding at 55°.
1955	34.5	37.0	2.5	1.87		Similar, very highly silicified and with considerable disseminated pyrite and pyrrhotite and local chalcopryite concentrations.
1956	37.0	42.0	5.0	0.39		Similar, with minor pyrite and traces chalcopryite.
1957	42.0	52.0	10.0	0.13		Very fine grained, light grey, finely banded and crenulated, siliceous, locally sericitic tuff with 10 to 12% disseminated pyrite.
	52.0	180.0	N O T	S A M P L E D		
1958	180.0	187.5	7.5	Nil		Fine grained, dark green, altered, chlorite-cordierite andesite with finely disseminated pyrite and pyrrhotite.
1959	187.5	195.0	7.5	Nil		Fine grained, dark green, chlorite-anthophyllite-cordierite andesite with 10% disseminated pyrite and pyrrhotite.
1960	195.0	202.5	7.5	0.03		Very fine grained, dark brownish-grey, cherty, finely banded and locally crenulated tuff with minor disseminated pyrite and cut by numerous quartz fracture-fillings.
1961	202.5	203.7	1.2	1.26		Similar, with some biotitic andesite and 20% pyrite and 3 to 5% chalcopryite.
1962	203.7	205.7	2.0	0.15		Very fine grained, dark brownish-grey, cherty-looking, finely banded tuff with abundant cordierite development and minor disseminated pyrite.
1963	205.7	206.7	1.0	0.65		Similar, with disseminated pyrite, pyrrhotite and minor chalcopryite.
1964	206.7	213.0	6.3	0.10		Very fine grained, dark greyish-brown, cherty, finely banded and crenulated tuff with minor intercalated andesite and locally pyrite and pyrrhotite concentrations.
1965	213.0	220.0	7.0	0.25		Fine grained, dark green, quartz-anthophyllite-talc-chlorite-cordierite andesite with 15% disseminated pyrrhotite and pyrite.
1966	220.0	222.0	2.0	0.53		Similar, with 2% chalcopryite.

ASSAY RECORD SHEET

Hole No. GB-35

Page 2.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1967	222.0	224.5	2.5	0.41		Similar, with minor pyrrhotite and chalcopyrite.
1968	224.5	226.0	1.5	0.50		Similar, with 2% chalcopyrite blebs and fracture-fillings.
1969	226.0	228.5	2.5	0.15		Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with very minor pyrite and pyrrhotite.
1970	228.5	230.5	2.0	0.52		Similar to 226.0-228.5 with 10% disseminated pyrrhotite and pyrite and 2 to 3% chalcopyrite.
	230.5	242.5	NOT	SAMPLED		
1971	242.5	252.0	9.5	0.18		Fine grained, dark greenish-black, quartz-anthophyllite-chlorite-cordierite andesite with 10 to 12% disseminated (locally acicular) pyrrhotite.
1972	252.0	254.0	2.0	0.51		Very fine grained, dark brownish-grey, cherty-looking, finely banded tuff with abundant cordierite development and minor disseminated pyrrhotite and 2% chalcopyrite.
	254.0	268.0	NOT	SAMPLED		
1973	268.0	269.2	1.2	0.23		Altered andesitic material with 30% pyrite and considerable fine sphalerite (?).
	269.2	306.0	NOT	SAMPLED		
1974	306.0	309.0	3.0	Nil		Very fine grained, brownish-grey, cherty, finely banded and locally crenulated tuff, with some cordierite development and 10% disseminated pyrite.
1975	309.0	310.0	1.0	0.05		Similar.
1976	310.0	313.5	3.5	0.10		Similar to 309.0-310.0 with some intercalated andesitic material and minor disseminated py.
1977	313.5	316.0	2.5	0.17		Fine grained, dark green, quartz-anthophyllite-chlorite andesite with 6 to 8% disseminated pyrrhotite and pyrite, locally slightly schistose (?) at 35 to 40°.
1978	316.0	319.0	3.0	0.13		Similar, somewhat biotitic and with local pyrite concentrations and minor sphalerite.
	319.0	329.3	NOT	SAMPLED		
1979	329.3	332.5	3.2	0.03		Fine grained, altered tuffaceous(?) material with abundant injected quartz and some disseminated pyrite.

ASSAY RECORD SHEET

Hole No. GB-35

GILLBRIDGE MINES LIMITED
Badger, Newfoundland

Page 3.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1980	332.5	334.0	1.5	0.03		Fine grained, medium grey, sugary to cherty, slightly banded siliceous rock with 15 to 20% disseminated and interbanded pyrite.
1981	334.0	339.0	5.0	0.04		Very fine grained, dark grey, cherty finely-banded and crenulated, locally biotitic altered tuff with minor pyrite.