

FALCONBRIDGES NICKEL MINES LIMITED.

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92.6'N. 190' W.
DATE: 29/4/851 Location: of O.B.L. Bearing: East Hole No: C.E. 32
Logged by: W.B.M. Dip: -75 at collar Property: Gull Pond, Newfoundland.

DIP TESTS.

<u>Footage</u>	<u>Angle etched on tube</u>	<u>Corrected angle.</u>
0.0	Hole collared at -75°	
150.0	78°	73°
300.0	77°	72°
560.0	72½°	66½°

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	17.0	Overburden: mostly boulders.	
17.0	65.0	Badly broken core, 60-70% core recovery: fine grained greyish-green slightly talcose or sericitic, numerous feldspar phenocrysts and epidote fracture-fillings, locally pink with minor bands of jasper, possibly altered andesite (?) core ground 48.0-49.0, core lost 52.8-64.4.	
65.0	108.6	Fine grained, greenish-grey to brownish-grey, locally slightly schistose, cut by quartz fracture-fillings, probably rhyolite.	
108.6	185.8	Fine grained, dark green altered andesite, with local quartz and calcite-filled amygdulae, at 108.6-110.2 jasper, quartz and calcite fracture-fillings, varying amounts of anthophyllite and cordierite and considerable local biotite development, minor traces of pyrites.	
185.8	193.1	Fine grained, siliceous grey rock, may be chert or rhyolite; intercalated with minor altered andesite, cut by quartz and carbonate fracture-fillings, minor disseminated pyrites.	
193.1	243.0	Fine grained, dark green altered andesite; varying amounts of cordierite and biotite development, quartz and calcite fracture-fillings, with minor blebs and disseminated pyrites.	
243.0	261.6	Fine grained, greyish-green cordierite-biotite altered andesite; cordierite occurs as scattered blebs, minor disseminations of pyrites.	
261.6	268.7	Fine grained dark green chlorite-cordierite altered andesite	
268.7	291.6	Fine grained, greenish-grey to green, chert, with minor pyrites and trace of chalcopyrite.	
291.6	323.6	Fine grained, dark green altered chloritic andesite with local cordierite development, with minor disseminated pyrites and traces of chalcopyrite. Core ground 315.0-318.0, 319.5-322.0, 322.6-323.0.	
323.6	334.7	Poor core recovery, broken ground; mostly fine-grained, dark green, altered chloritic andesite with minor chalcopyrite.	

FALCONBRIDGE NICKEL MINES LIMITED.

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DATE: 29/4/51 Location: 92.6°N. 190°W. of O.B.L. Bearing: East Hole No: G.B. 32.
 Logged by: H.S.M. Dip: -75° at collar Property: Gull Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
334.7	397.3	"Sulphide zone" mostly fine grained, dark green altered quartz-chlorite- and biotite -anthophyllite andesite with local talc and cordierite development and varying amounts of disseminated chalcopyrite, pyrrhotite and pyrites.	
397.3	454.5	"Sulphide zone " mostly fine grained, dark green, quartz-chlorite-cordierite andesite with local talc and biotite development and with varying amounts of disseminated pyrites and pyrrhotite.	
454.5	463.0	Very fine grained, cherty-looking, banded and cremlated gray to brownish-gray tuffs with 10-15% disseminated pyrites.	1823
463.0	570.7	"Sulphide zone" mostly fine grained, dark green, quartz-chlorite-cordierite andesite with some anthophyllite, talc, and biotite development and with varying amounts of disseminated pyrites and pyrrhotite.	

HOLE FINISHED.

Hole started April 28, 1951.
 Hole finished May 6, 1951.

Art casing left in, Ext casing pulled and hole cemented under pressure to 130'

Note: Water lost at 77½'

ASSAY RECORD SHEET

Hole No. GB-32

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet%	DESCRIPTION
1770	270.1	275.7	5.6	0.67		Fine grained greenish-grey to green, chert, with minor pyrite and chalcopyrite.
1771	275.7	284.5	8.8	0.27		Similar, with trace pyrite and chalcopyrite.
	284.5	293.3	NOT	SAMPLED		
1772	293.3	302.9	9.6	0.30		Fine grained, dark green, altered, chloritic andesite, with local cordierite development, minor disseminated pyrite and traces chalcopyrite.
	302.9	318.4	NOT	SAMPLED		
1773	318.4	323.6	5.2	0.25	1.30	Similar, with minor pyrite and chalcopyrite. (Note core ground 319.5-322.0, 322.6-323.0)
1777	323.6	327.5	3.9	1.18	4.60	60% core recovery, fine grained, dark green, altered, chloritic andesite with minor chalcopyrite and cut by numerous chloritic slips.
		CORE		GROUND		
1778	330.0	333.0	3.0	1.51	4.53	15 to 20% core recovery, fine grained, dark green, chloritic, andesite with minor chalcopyrite. Broken Ground.
1779	333.0	334.7	1.7	0.75	1.28	Fine grained, dark green, chloritic andesite cut by numerous chloritic slips.
1780	334.7	338.7	4.0	1.06	4.24	Similar to 333.0-334.7 with minor pyrite and pyrrhotite and 2 to 3% chalcopyrite.
1781	338.7	343.8	5.1	3.32	16.93	Fine grained, dark green, quartz-chlorite-anthophyllite andesite with minor pyrrhotite blebs and 10% chalcopyrite blebs and fracture-fillings
1782	343.8	345.4	1.6	4.11	6.58	Similar, with 12% chalcopyrite blebs and fracture-fillings
1783	345.4	347.9	2.5	1.92 (1.87)	4.80	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with scattered pyrrhotite blebs and 9 to 10% chalcopyrite blebs.
1784	347.9	353.3	5.4	4.08	22.03	Similar, somewhat schistose at about 40° and with 6 to 8% pyrrhotite and 10 to 12% chalcopyrite blebs and fracture-fillings, numerous chloritic slips.

ASSAY RECORD SHEET

Hole No. GB-32

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet ¹ / ₂	DESCRIPTION
1785	353.3	358.1	4.8	3.35	16.08	Similar, somewhat schistose and with 9 to 10% chalcopryite.
1786	358.1	361.3	3.2	1.08	3.46	Fine grained, dark green quartz-anthophyllite-chlorite andesite, with minor pyrrhotite and 2% chalcopryite.
1787	361.3	370.0	8.7	2.07	18.01	Fine grained, dark green quartz-anthophyllite-chlorite andesite, with 5 to 6% pyrrhotite blebs and 7 to 9% chalcopryite.
1788	370.0	374.6	4.6	2.03	9.34	Similar, locally schistose and with 6 to 8% pyrrhotite and 6% chalcopryite, in blebs and fracture-fillings
1789	374.6	377.7	3.1	2.24	6.94	Similar, with occasional chloritic slips.
1790	377.7	379.5	1.8	0.56	1.01	Very fine grained light grey siliceous acid dyke (?)
1791	379.5	386.3	6.8	3.97	27.00	Fine grained, dark green altered schistose chloritic andesite with 12 to 15% blebs and fracture-fillings chalcopryite, schistose at 30 to 40°.
1792	386.3	390.2	3.9	0.78	3.04	Fine grained, dark green, quartz-anthophyllite-chlorite andesite, with minor disseminated pyrrhotite and chalcopryite.
1793	390.2	393.4	3.2	0.64	2.05	Similar.
1794	393.4	397.3	3.9	1.47 (1.43)	5.73	Fine grained, dark greyish-green, quartz-anthophyllite andesite, with 5% chalcopryite and 6 to 7% pyrrhotite.
1795	397.3	400.5	3.2	0.37	1.18	Similar, with minor pyrrhotite and chalcopryite.
1816	400.5	409.0	8.5	0.28		Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite (?) andesite with 10% disseminated pyrrhotite and occasional blebs chalcopryite.
1817	409.0	418.0	9.0	0.37		Fine grained, dark green, quartz-chlorite-cordierite andesite with 15% disseminated and fracture-fillings pyrite and pyrrhotite and traces chalcopryite.
1818	418.0	423.0	5.0	0.07		Fine grained, dark green, chlorite-cordierite-andesite with 15% disseminated pyrrhotite and pyrite.

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GULLBIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1819	423.0	429.0	6.0	Nil		Similar, with slight talc development and with 15% pyrrhotite and pyrite.
	429.0	431.0	CORE	GROUND		
1820	431.0	439.5	8.5	0.08		Fine grained, dark green, chlorite-cordierite andesite with some anthophyllite development. 8 to 10% disseminated pyrite and pyrrhotite.
1821	439.5	449.5	10.0	0.07		Similar, with some talc and biotite development and with 6 to 7% pyrite and pyrrhotite.
1822	449.5	454.5	5.0	Trace		Fine grained, dark green talc-chlorite-cordierite andesite, with 5 to 6% pyrite and pyrrhotite.
1823	454.5	463.0	8.5	Trace		Very fine grained, cherty-looking, banded and locally crenulated, grey to brownish-grey tuffs with 10 to 15% disseminated pyrite.
1824	463.0	468.5	5.5	Trace		Mostly fine grained, dark green, talc-chlorite-cordierite andesite, with minor intercalated tuff and 5 to 6% disseminated pyrite.
1825	468.5	476.5	8.0	Trace		Similar, with 15% disseminated pyrite and pyrrhotite.
1826	476.5	482.5	6.0	0.09		Fine grained, dark green, chlorite-cordierite andesite with minor talc and biotite development and 15 to 20% heavily disseminated pyrite and pyrrhotite.
1827	482.5	491.5	9.0	Trace		Similar, with 15% disseminated pyrite and pyrrhotite.
1828	491.5	501.5	10.0	Trace		Similar, with 20% heavily disseminated pyrite and pyrrhotite.
1829	501.5	510.5	9.0	0.05		Fine grained, dark green, chlorite-cordierite andesite with some talc and biotite development and with 20 to 25% heavily disseminated pyrite and pyrrhotite.
1830	510.5	515.0	4.5	Trace		Fine grained, dark greenish-black quartz-biotite-talc-cordierite andesite with 6 to 8% disseminated pyrrhotite and pyrite.
1831	515.0	525.0	10.0	0.13		Fine grained, dark greenish-black, quartz-anthophyllite-chlorite-talc-cordierite andesite with 7 to 8% disseminated pyrrhotite, minor pyrite and traces chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-32

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Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1832	525.0	531.0	6.0	0.35		Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with 6 to 7% disseminated pyrrhotite and minor chalcopyrite.
1833	531.0	535.0	4.0	0.15		Similar.
<u>Summary :</u>						
	270.1	284.5	14.4	0.42		
	293.3	302.9	9.6	0.30		
	323.6	386.3	62.7	2.50		
	386.3	400.5	14.2	0.84		
	525.0	531.0	6.0	0.35		

FALCONBRIDGE NICKEL MINES LIMITED

Gullbridge Mines Limited

ASSAY AVERAGES

Gull Pond, N76.

<u>Sample No.</u>	<u>From</u>	<u>To</u>	<u>Length</u>	<u>% Cu</u>
1778	330.0	333.0	3.0	1.51
1779	333.0	334.7	1.7	0.75
1780	334.7	338.7	4.0	1.06
1781	338.7	343.8	5.1	3.32
1782	343.8	345.4	1.6	4.11
1783	345.4	347.2	2.8	1.92
1784	347.2	353.3	6.1	4.03
1785	353.3	358.1	4.8	3.35
1786	358.1	361.3	3.2	1.08
1787	361.3	370.0	8.7	2.07
1788	370.0	374.6	4.6	2.03
1789	374.6	377.7	3.1	2.24
1790	377.7	379.5	1.8	0.56
1791	379.5	386.3	6.8	3.97
1792	386.3	390.2	3.9	0.78
1793	390.2	393.4	3.2	0.64
1794	393.4	397.3	3.9	1.47
1795	397.3	400.5	3.2	0.37
	<u>330.0</u>	<u>400.5</u>	<u>70.5</u>	<u>2.19</u>

Summary:

330.0	400.5	70.5	2.19
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