

FALCONBRIDGE NICKEL MINES LIMITED

209.8'S. 90.0'W of

DATE: April 16/51 Location: Mineral Point Baseline Bearing: East Hole No: G.B. 2

Logged by: W. R. Dip: -40° at collar Property: Gull Pond, Newfoundland

DIP TESTS

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected angle.</u>
0.0	Hole collared at -40°	
150.0	46°	37½ degrees
344.0	45°	36½ "

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO.</u>
0.0	21.0	Overburden: sand and numerous boulders.	
21.0	24.0	f.g., dk. green, chlorite-cordierite andesite with 30%-40% heavily disseminated pyrite.	1590
24.0	28.5	Very f.g., dk. green, massive, trap dyke.	
28.5	33.0	Very f.g., dk. brownish-grey, cherty-looking, banded and contorted tuff, with minor pyrite, pyrrhotite and chalcopyrite.	1591
33.0	40.5	f.g., dk. greyish-green, massive, intermediate dyke rock.	
40.5	52.6	"Sulphide Zone", mostly f.g., dk. green, chlorite-cordierite andesite with local quartz, talc, magnetite and biotite development and varying amounts of disseminated pyrite, pyrrhotite and minor chalcopyrite.	
52.6	89.1	Very f.g., lt. greyish-white, siliceous, cherty-looking, well banded and crenulated tuff with some indistinct blotchy-looking cordierite development, minor fine disseminated and local f.f. pyrite and traces chalcopyrite. Minor intercalated andesitic material.	
89.1	116.5	"Sulphide Zone", mostly f.g., dk. green, altered quartz-anthophyllite-chlorite-cordierite andesite with varying amounts of disseminated pyrrhotite, pyrite and chalcopyrite.	
116.5	119.0	f.g., dk. greyish-green, massive, intermediate dyke (probably diabase).	
119.0	129.5	"Sulphide Zone", mostly f.g., dk. green, quartz-biotite-chlorite-cordierite andesite with varying amounts of disseminated pyrrhotite, pyrite and very minor chalcopyrite.	
129.5	139.5	Very f.g., dk. greenish-grey, massive, trap dyke.	
139.5	141.0	"Sulphide Zone", f.g., dk. green, altered, biotite-chlorite-cordierite andesite with 8 - 9 % chalcopyrite blebs.	1609
141.0	149.0	f.g., greenish-grey, massive, intermediate dyke (possibly diabase) similar to 129.5 - 139.5 but very sl. coarser-grained.	

FALCONBRIDGE NICKEL MINES LIMITED

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209.8' S. 90.0' W of
 Date: April 16/51 Location: Mineral Point Baseline Bearing: East Hole No.: G. B. 28
 Logged by: W.B. Dip: -40° at collar Property: Gull Pond, Newfoundland.

FROM	TO	DESCRIPTION	SAMPLE NOS.
149.0	189.7	"Sulphide Zone", f.g., dk. green, quartz-chlorite-cordierite andesite with local anthophyllite and biotite development and varying amounts of pyrite, pyrrhotite and chalcopyrite.	
189.7	195.0	f.g., greenish-gray, massive, intermediate dyke (probably diabase).	
195.0	221.0	"Sulphide Zone", f.g., dk. green, altered, chlorite-cordierite andesite, with some quartz, talc and biotite development with varying amounts of chalcopyrite and minor pyrrhotite and pyrite.	
221.0	314.0	Fine to medium f.g., dk. greenish-black, massive dyke of dioritic composition cut by occasional fine quartz and epidote f.f., minor 20° shear at 238.5.	
314.0	315.6	f.g., dk. green, altered, chlorite-cordierite andesite with 10% pyrite, pyrrhotite and minor chalcopyrite.	1625
315.6	318.5	Very f.g., dk. greenish-black, trap dyke (possibly chilled contact of dyke 221.0 - 314.0).	
318.5	344.0	"Sulphide Zone", f.g., dk. green, altered and locally talcose chlorite-cordierite andesite, with varying amounts of disseminated pyrite, pyrrhotite and minor chalcopyrite.	

HOLE FINISHED.

Hole started April 15, 1951
 Hole finished April 17, 1951

Casing left in and hole left open.

ASSAY RECORD SHEET

Hole No. GB-28

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet	DESCRIPTION
1590	21.0	24.0	3.0	.12	0.36	Fine grained, dark green, chlorite-cordierite andesite with 30 to 40% heavily disseminated pyrite.
1591	28.5	33.0	4.5	.34	1.53	Very fine grained, dark brownish-grey, cherty-looking, banded and contorted tuff, with minor pyrite, pyrrhotite and chalcopyrite.
1592	40.5	42.5	2.0	1.52	3.04	Fine grained, dark green, chlorite-biotite-cordierite andesite with 10 to 15% disseminated pyrite, pyrrhotite and minor chalcopyrite.
1593	42.5	45.0	2.5	.57	1.43	Fine grained, dark green, quartz-chlorite-cordierite andesite, with minor pyrite, pyrrhotite and chalcopyrite.
1594	45.0	49.0	4.0	.36	1.44	Similar, with some biotite, talc, and magnetite development and minor disseminated pyrite, pyrrhotite and traces chalcopyrite.
1595	49.0	52.6	3.6	1.22	4.39	Fine grained, dark green, chlorite-cordierite andesite, with 10 to 15% disseminated pyrite.
1596	85.5	89.1	3.6	.47	1.69	Very fine grained, dark brownish-grey, cherty, banded, tuff with minor disseminated pyrite and pyrrhotite and occasional scattered chalcopyrite blebs and fracture-fillings.
1597	89.1	92.6	3.5	3.50	11.55	Fine grained, dark green, quartz-biotite-chlorite-cordierite andesite with 10% blebs and disseminated pyrrhotite and 6 to 7% chalcopyrite.
1598	92.6	96.5	3.9	2.51	9.79	Similar, with 5% chalcopyrite.
1599	96.5	99.5	3.0	0.38	1.14	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with 6 to 7% pyrrhotite and 2 to 3% chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-28

GILLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1600	99.5	103.0	3.5	0.89	3.12	Similar, with 3% fine disseminated chalcopyrite.
1601	103.0	105.0	2.0	.87	1.74	Similar, with minor disseminated pyrrhotite and chalcopyrite.
1602	105.0	107.5	2.5	.39	0.98	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite, with minor disseminated pyrrhotite.
1603	107.5	109.5	2.0	.98	1.96	Similar, with minor chalcopyrite.
1604	109.5	113.5	4.0	1.65	6.60	Similar, with some injected quartz and 3 to 4% chalcopyrite.
1605	113.5	116.5	3.0	.37	1.11	Fine grained, dark green, altered, chloritic andesite cut by numerous quartz fracture-fill and with minor disseminated pyrite and pyrrhotite.
1606	119.0	122.0	3.0	.32	0.96	Fine grained, dark green, biotite-chlorite-cordierite andesite with some talc development and with minor disseminated pyrite and pyrrhotite.
1607	122.0	126.0	4.0	.99	3.96	Similar, somewhat silicified and with 10 to 15% disseminated pyrite and pyrrhotite and minor chalcopyrite.
1608	126.0	129.5	3.5	1.56	5.46	Similar to 122.0-126.0, with 7 to 8% disseminated pyrrhotite and pyrite and 2 to 3% chalcopyrite.
1609	139.5	141.0	1.5	2.46	3.69	Fine grained, dark green, altered, biotite-chlorite-cordierite andesite with 8 to 9% chalcopyrite.
1610	149.0	151.0	2.0	.80	1.60	Fine grained, dark greenish-black, quartz-anthophyllite-cordierite andesite, with minor disseminated pyrrhotite and chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-28

GULBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1611	151.0	158.0	7.0	.66	4.62	Fine grained, dark greenish-black, quartz-anthophyllite-cordierite andesite with minor disseminated pyrite, pyrrhotite and chalcopyrite.
1612	158.0	165.5	7.5	3.48	26.10	Fine grained, dark greenish-black, quartz-chlorite-cordierite andesite with 10 to 12% chalcopyrite blebs and minor pyrrhotite and pyrite.
1613	165.5	171.0	5.5	1.87	10.29	Similar, with some anthophyllite development, scattered pyrrhotite blebs and 3 to 5% chalcopyrite.
1614	171.0	175.0	4.0	2.01	8.04	Fine grained, dark green, quartz-chlorite-cordierite andesite with 6 to 7% pyrrhotite blebs and 4 to 5% chalcopyrite blebs and fracture-fillings
1615	175.0	179.5	4.5	2.06	9.27	Similar, with 3 to 4% chalcopyrite.
1616	179.5	181.5	2.0	2.05	4.10	Similar, with 2 to 3% chalcopyrite.
1617	181.5	185.3	3.8	4.44	16.87	Similar, with 9 to 10% chalcopyrite blebs.
1618	185.3	189.7	4.4	9.83	43.25	Fine grained, dark green, chlorite-cordierite andesite, with 15 to 20% chalcopyrite blebs.
1619	195.0	200.5	5.5	6.92	38.06	Fine grained, dark green, chlorite-cordierite andesite with some quartz, talc, and biotite development and 10% chalcopyrite blebs and fracture-fillings and minor pyrrhotite.
1620	200.5	205.0	4.5	4.22	18.99	Similar to 195.0-200.5, with 6 to 7% chalcopyrite blebs and 5% pyrrhotite.
1621	205.0	210.0	5.0	4.24	21.20	Similar, with 9 to 10% disseminated and blebs chalcopyrite.
1622	210.0	213.0	3.0	3.70	11.10	Similar, with 5 to 6% chalcopyrite blebs and fracture-fillings
1623	213.0	218.0	5.0	5.72	28.60	Similar, with 8 to 9% chalcopyrite blebs.
1624	218.0	221.0	3.0	2.28	6.84	Similar, with 10 to 15% fracture-fillings pyrite and minor chalcopyrite.

ASSAY RECORD SHEET

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Hole No. GB-28

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SAMPLE No.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1625	314.0	315.6	1.6	1.04	1.66	Fine grained, dark green, altered, chlorite-cordierite andesite with 10% pyrite, pyrrhotite, and minor chalcopyrite.
1626	318.5	325.0	6.5	1.02	6.63	Fine grained, dark greenish-black, quartz-chlorite-cordierite andesite, with some talc development and 6 to 7% disseminated and fracture-fill pyrite and pyrrhotite.
1627	325.0	329.0	4.0	.62	2.48	Similar, with 10 to 15% disseminated pyrite and pyrrhotite.
1628	329.0	336.0	7.0	1.05	7.35	Similar, with minor chalcopyrite.
1629	336.0	340.0	4.0	.65	2.60	Similar, with 6 to 7% disseminated pyrite and pyrrhotite and traces chalcopyrite.
1630	340.0	344.0	4.0	.27	1.08	Similar, with 8 to 9% disseminated pyrite and pyrrhotite.
<u>Summary:</u>						
	28.5	33.0	4.5	0.34		
	40.5	52.6	12.1	0.84		
	85.5	89.1	3.6	0.47		
	89.1	96.5	7.4	3.01		
	96.5	129.5	33.0	0.82		
	139.5	141.0	1.5	2.46		
	149.0	158.0	9.0	0.69		
	158.0	189.7	31.7	3.72		
	195.0	221.0	26.0	1.81		
	311.0	340.0	29.0	0.85		

FALCONBRIDGE NICKEL MINES LIMITED

Gullbridge Mines Limited

ASSAY AVERAGES

Gull Pond, Nfld.

<u>Sample No.</u>	<u>From</u>	<u>To</u>	<u>Length</u>	<u>% Cu</u>
1597	89.1	92.6	3.5	3.50
1598	92.6	96.5	3.9	2.51
	89.1	96.5	7.4	2.88
1606	119.0	122.0	3.0	0.32
1607	122.0	126.0	4.0	0.99
1608	126.0	129.0	3.5	1.56
	119.0	129.0	10.5	1.00
1609	139.5	141.0	1.5	2.46
Waste	141.0	149.0	8.0	---
1610	149.0	151.0	2.0	0.80
1611	151.0	158.0	7.0	0.66
1612	158.0	165.5	7.5	3.84
1613	165.5	171.0	5.5	1.87
1614	171.0	175.0	4.0	2.01
1615	175.0	179.5	4.5	2.06
1616	179.5	181.5	2.0	2.05
1617	181.5	185.3	3.8	4.44
1618	185.3	189.7	4.4	9.84
Waste	189.7	195.0	5.3	---
1619	195.0	200.5	5.5	6.92
1620	200.5	205.5	4.5	4.22
1621	205.0	210.0	5.0	4.24
1622	210.0	213.0	3.0	3.70
1623	213.0	218.0	5.0	5.72
1624	218.0	221.0	3.0	2.28
	139.5	221.0	81.5	3.09
1609	149.0	151.0	2.0	0.80
1611	151.0	158.0	7.0	0.66
1612	158.0	165.5	7.5	3.84
1613	165.5	171.0	5.5	1.87
1614	171.0	175.0	4.0	2.01
1615	175.0	179.5	4.5	2.06
1616	179.5	181.5	2.0	2.05
1617	181.5	185.3	3.8	4.44
1618	185.3	189.7	4.4	9.84
Waste	189.7	195.0	5.3	---
1619	195.0	200.5	5.5	6.92

<u>Sample No.</u>	<u>From</u>	<u>To</u>	<u>Length</u>	<u>% Cu</u>
1620	200.5	205.0	4.5	4.22
1621	205.0	210.0	5.0	4.24
1622	210.0	213.0	3.0	3.70
1623	213.0	218.0	5.0	5.72
1624	218.0	221.0	3.0	2.28
	149.0	221.0	72.0	3.46
1625	314.0	315.6	1.6	1.04
Waste	315.6	318.5	2.9	
1626	318.5	325.0	6.5	1.02
1627	325.0	329.0	4.0	0.62
1628	329.0	336.0	7.0	1.05
1629	336.0	340.0	4.0	0.65
1630	340.0	344.0	4.0	0.27
	314.0	344.0	30.0	0.75

Summary:

89.1	96.5	7.4	2.88
119.0	129.0	10.5	1.00
139.5	221.0	81.5	3.09
149.0	221.0	72.0	3.46
149.0	189.7	40.7	3.05
195.0	221.0	26.0	4.80