

FALCONBRIDGE NICKEL MINES LIMITED.

209.8'S. 90.0'W. of

DATE: 19/4/61 Location: Mineral Point Baseline Bearing: East Hole No: G.B.30

Logged by: W.B. Dip: -60° at collar Property: Gull Pond, Newdoundland.

DIP TESTS.

<u>Footage</u>	<u>Angle etched on tube</u>	<u>Corrected angle</u>
0.0	Hole collared at -60°	
150.0	65½°	58°
395.0	64½°	57°

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	16.0	Overburden: sand with scattered boulders.	
16.0	54.5	"Sulphide zone" fine grained, dark green, altered chloritic andesite with varying amounts of disseminated pyrites and pyrrhotite.	
54.5	57.8	Very fine grained, dark greyish-green trap dyke with slightly ophitic texture (ultra-fine grained diabase)	
57.8	60.2	Fine grained, dark green, chloritic andesite with 6-7% disseminated and fracture-filling pyrites.	1644
60.2	65.0	Similar to 54.5-57.8 and slightly coarser-grained.	
65.0	66.7	Very fine-grained, white, slightly schistose and altered sericitic(?) rhyolite, with minor disseminated pyrites.	
66.7	71.5	Fine grained, dark green, altered chloritic andesite with 10-12% disseminated pyrites and minor pyrrhotite and chalcopryite.	1645
71.5	91.0	Very fine grained, greyish-white to dark brownish-grey, cherty-looking, finely banded and locally crenulated tuff, with local biotite and some blotchy cordierite development and minor local pyrites, rare pyrrhotite and traces of chalcopryite.	
91.0	104.5	Fine grained, dark grey to brownish-grey, quartz-biotite-cordierite (?) rock with minor disseminated pyrites and pyrrhotite. (Possibly phase of highly altered andesite)	
104.5	108.6	Very fine grained, light brownish -grey, cherty-looking finely banded tuff with some indistinct cordierite development and 10% disseminated and inter-lamellar pyrites.	
108.6	109.2	Massive pyrites.	1646
109.2	147.8	"Sulphide zone" fine grained, dark green, altered chlorite-cordierite andesite with some anthophyllite, quartz, and biotite development and with varying amounts of disseminated pyrites, pyrrhotite and chalcopryite.	
147.8	150.6	Fine grained, dark greyish-green, massive slightly ophitic, intermediate dyke (probably diabase).	
150.6	194.0	"Sulphide zone" similar to 109.2-147.8/	

FALCONBRIDGE NICKEL MINES LIMITED.

page 2

209.8' S. 90.0' W. of

DATE: 19/4/'51 Location: Mineral Point Baseline Bearing: East Hole No: G.B.30

Logged by: W.B. Dip: -60° at collar Property: Gull Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
194.0	202.0	Medium fine grained, dark greyish-green, massive diabase dyke.	
202.0	208.5	"Sulphide zone" fine grained, dark green, altered xxxxx -chlorite-cordierite-anthophyllite andesite with varying amounts of blebs and fracture-filling chalcopyrite.	
208.5	219.8	Similar to 194.0-202.0.	
219.8	402.0	"Sulphide zone" Mostly fine grained, dark green, altered, quartz-chlorite-cordierite andesite with local anthophyllite, talc and biotite development and varying amounts of disseminated pyrites, pyrrhotite and chalcopyrite.	

HOLE FINISHED.

Hole started 18/4/'51
Hole finished 21/4/'51

AIT casing left in and BIT casing pulled.
Hole left open in case necessary to deepen.

ASSAY RECORD SHEET

Hole No. GR-30

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	%CU	CU Feet %	DESCRIPTION
1635	16.0	20.0	4.0	.29	1.16	Fine grained, dark green, altered chloritic andesite, with 10 to 15% disseminated and fracture-fill ^{ing} pyrite.
1636	20.0	24.0	4.0	.07		Fine grained, greenish-grey, talc-chlorite-biotite-anthophyllite andesite, with rare pyrite specks.
1637	24.0	26.5	2.5	.08		Fine grained, dark green, chlorite-cordierite andesite with 10% disseminated pyrite and pyrrhotite.
1638	26.5	30.0	3.5	Nil		Similar, with 50 to 60% heavily disseminated to locally massive pyrite.
1639	30.0	32.5	2.5	.06		Fine grained, dark green, altered chloritic andesite with 15% disseminated pyrite.
1640	32.5	35.0	2.5	.05		Similar with 30% heavily disseminated to locally massive pyrite.
1641	35.0	41.5	6.5	.05	0.33	Fine grained, dark green, altered, chloritic andesite with 20 to 30% heavily disseminated pyrite.
1642	41.5	50.0	8.5	.04	0.34	Fine grained, dark green, altered, chloritic andesite with some magnetite and 15% disseminated pyrite.
1643	50.0	54.5	4.5	.15	0.68	Fine grained, dark green, chloritic andesite with minor disseminated and fracture-fill ^{ing} pyrite.
	54.5	57.8	NOT	SAMPLED		
1644	57.8	60.2	2.4	.35	0.84	Similar to 50.0-54.5, with 6 to 7% disseminated and fracture-fill ^{ing} pyrite.
	60.2	66.7	NOT	SAMPLED		
1645	66.7	71.5	4.8	.42	2.02	Fine grained, dark green, altered chloritic andesite with 10 to 12% disseminated pyrite and minor pyrrhotite and chalcopyrite.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
	71.5	108.5		NOT	SAMPLED	
1646	108.5	109.2	0.7	0.52	0.36	Massive pyrite.
1647	109.2	113.0	3.8	1.19	4.52	Fine grained, dark green, quartz-chlorite-cordierite andesite with 5% disseminated pyrite and pyrrhotite and 2% local blebs chalcopyrite.
1648	113.0	117.0	4.0	0.99	3.96	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with minor disseminated pyrite, pyrrhotite and chalcopyrite.
1649	117.0	122.0	5.0	0.90	4.50	Similar, with 5% disseminated pyrite and pyrrhotite and 2 to 3% chalcopyrite.
1650	122.0	126.0	4.0	1.32	5.28	Similar, with 2 to 3% scattered chalcopyrite blebs.
1651	126.0	130.0	4.0	1.42	5.68	Similar.
1652	130.0	132.0	2.0	0.90	1.80	Similar, with minor disseminated pyrite, pyrrhotite and chalcopyrite.
1653	132.0	135.0	3.0	2.15	6.45	Fine grained, dark green, quartz-chlorite-cordierite andesite with 6 to 7% pyrrhotite and 4 to 5% chalcopyrite blebs.
1654	135.0	141.0	6.0	4.13	24.78	Fine grained, dark green, chlorite-cordierite andesite with 6 to 8% disseminated pyrrhotite and 10 to 12% blebs and heavily disseminated chalcopyrite.
1655	141.0	144.0	3.0	0.90	2.70	Fine grained, dark green, chlorite-biotite-cordierite andesite with 8 to 10% disseminated pyrite and pyrrhotite and minor chalcopyrite.
1656	144.0	147.8	3.8	0.31	1.18	Fine grained, dark green, altered, chlorite-cordierite andesite with 15 to 20% heavily disseminated pyrite and pyrrhotite.
	147.8	150.6	NOT	SAMPLED		
1657	150.6	156.0	5.4	0.26	1.40	Fine grained, dark green, quartz-biotite-chlorite-cordierite andesite with 15% disseminated pyrite and pyrrhotite.

ASSAY RECORD SHEET

Hole No. GB-30

GUILDFORD MINES LIMITED
Badger, Newfoundland

Page 3.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1658	156.0	160.0	4.0	0.41	1.64	Fine grained, dark green, chlorite-cordierite andesite, with 15 to 20% disseminated pyrite and pyrrhotite and traces chalcopyrite.
1659	160.0	163.0	3.0	1.53	4.59	Fine grained, dark green, chlorite-cordierite andesite with 10% disseminated pyrrhotite and 3 to 4% chalcopyrite.
1660	163.0	168.0	5.0	2.11	10.55	Fine grained, dark green quartz-chlorite-cordierite andesite with 5 to 6% pyrrhotite and 4 to 5% chalcopyrite.
1661	168.0	172.5	4.5	1.52	6.84	Similar, with 5% chalcopyrite.
1662	172.5	177.5	5.0	1.03	5.15	Similar, with 2 to 3% chalcopyrite.
1663	177.5	182.3	4.8	2.14	10.27	Similar, with 6 to 7% chalcopyrite blebs.
1664	182.3	184.0	1.7	0.60	1.02	Similar, with minor pyrrhotite and chalcopyrite.
1665	184.0	186.5	2.5	1.21	3.03	Fine grained, dark green, chlorite-anthophyllite-cordierite andesite with 5% pyrrhotite and 3% chalcopyrite fracture-fillings
1666	186.5	192.0	5.5	2.46	13.53	Similar, with 3 to 4% chalcopyrite fracture-fillings
1667	192.0	194.0	2.0	2.87	5.74	Similar, with 6 to 7% chalcopyrite fracture-fillings
	194.0	202.0	NOT	SAMPLED		
1668	202.0	205.5	3.5	2.53	8.86	Fine grained, dark green, chlorite-anthophyllite-cordierite andesite with 4 to 5% chalcopyrite blebs and fracture-fillings
1669	205.5	208.5	3.0	2.29	6.87	Similar.
	208.5	219.8	NOT	SAMPLED		
1670	219.8	221.0	1.2	2.28	2.74	Fine grained, dark greenish-black, chlorite-anthophyllite-cordierite andesite with 3 to 5% chalcopyrite blebs.
1671	221.0	224.8	3.8	0.65	2.47	Similar, with minor pyrrhotite and chalcopyrite.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1672	224.8	230.2	5.4	1.73	9.34	Similar, with 6 to 7% pyrrhotite and 3 to 5% chalcopyrite blebs.
1673	230.2	235.2	5.0	0.95	4.75	Similar, with 7 to 8% pyrrhotite, and 3 to 4% disseminated chalcopyrite.
1674	235.2	239.0	3.8	0.33	1.25	Similar, somewhat biotitic, and with 10 to 12% disseminated pyrrhotite and minor pyrite and chalcopyrite.
1675	239.0	244.0	5.0	0.17	0.85	Similar, with 12 to 15% disseminated pyrrhotite and minor pyrite.
1676	244.0	254.0	10.0	0.30	3.00	Fine grained, dark green, quartz-chlorite-cordierite andesite with some biotite and talc development throughout and 6 to 7% disseminated pyrrhotite and pyrite.
1677	254.0	264.0	10.0	0.26	2.60	Fine grained, dark green, quartz-chlorite-cordierite andesite with minor disseminated pyrrhotite and pyrite and traces chalcopyrite.
1678	264.0	269.0	5.0	0.77	3.85	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with 6 to 8% disseminated pyrrhotite and 2% chalcopyrite.
1679	269.0	273.0	4.0	0.44	1.76	Similar, with minor disseminated pyrrhotite and traces chalcopyrite.
1680	273.0	282.0	9.0	0.40	3.60	Similar.
1681	282.0	292.0	10.0	0.56	5.60	Similar, with minor talc development and 6 to 7% disseminated pyrrhotite and pyrite and very minor chalcopyrite.
1682	292.0	297.0	5.0	0.35	1.75	Fine grained, dark green, chlorite-cordierite andesite with some quartz and talc development and with 5 to 7% disseminated pyrrhotite and minor pyrite and chalcopyrite.
1683	297.0	301.0	4.0	0.61	2.44	Similar, with 2% chalcopyrite.
1684	301.0	308.0	7.0	0.39	2.73	Similar, with 3 to 5% disseminated pyrrhotite and minor pyrite.
1685	308.0	310.0	2.0	0.59	1.18	Similar.
1686	310.0	312.5	2.5	4.02	10.05	Fine grained, dark green, chlorite-cordierite andesite with 7 to 8% pyrrhotite and 9 to 10% chalcopyrite blebs.
1687	312.5	314.0	1.5	1.09	1.64	Similar, with minor pyrrhotite, pyrite and chalcopyrite.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1688	314.0	319.0	5.0	1.12	5.60	Fine grained, dark green, quartz-anthophyllite-cordierite andesite with 5 to 6% pyrrhotite blebs and occasional chalcopyrite blebs.
1689	319.0	322.0	3.0	2.24	6.72	Fine grained, dark green, chlorite-cordierite andesite with 5% pyrrhotite and 5% chalcopyrite blebs.
1690	322.0	324.5	2.5	1.11	2.78	Similar, with 10% pyrite and pyrrhotite and 3% chalcopyrite blebs.
1691	324.5	327.5	3.0	0.47	1.41	Fine grained, dark green, quartz-chlorite-cordierite andesite with 10% disseminated pyrrhotite and pyrite.
1692	327.5	337.5	10.0	0.11	1.10	Similar, with some talc development and 7 to 8% disseminated pyrrhotite and pyrite.
1693	337.5	347.5	10.0	0.05	0.50	70% core recovery: fine grained dark green quartz-anthophyllite-chlorite-cordierite andesite with minor disseminated pyrrhotite.
1694	347.5	357.5	10.0	0.14	1.40	Similar to 337.5-347.5 with minor disseminated pyrrhotite and pyrite.
1695	357.5	367.0	9.5	0.18	1.71	Similar, with minor disseminated pyrrhotite.
1696	367.0	372.0	5.0	0.56	2.90	Similar, with minor chalcopyrite.
1697	372.0	380.0	8.0	0.25	2.00	Similar, with 5 to 6% pyrrhotite and minor chalcopyrite.
1698	380.0	382.0	2.0	0.37	0.74	Similar, with minor pyrrhotite, pyrite and chalcopyrite.
1699	382.0	392.0	10.0	0.12	1.20	Similar, locally talcose and biotitic and with minor disseminated pyrrhotite and pyrite.

ASSAY RECORD SHEET

Hole No. GB-30

GULIBRIDGE MINES LIMITED
Badger, Newfoundland

Page 6.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
<u>Summary:</u>						
	57.8	60.2	2.4	0.35		
	66.7	71.5	4.8	0.12		
	106.5	109.2	0.7	0.52		
	109.2	114.0	34.8	1.71		
	114.0	117.8	3.8	0.31		
	150.6	160.0	9.4	0.32		
	160.0	194.0	34.0	1.78		
	202.0	206.5	6.5	2.41		
	219.8	235.2	15.4	1.23		
	235.2	310.0	74.8	.40		
	310.0	321.5	11.5	1.85		
	321.5	327.5	3.0	0.17		
	367.0	382.0	15.0	0.57		

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>
1616	108.5	109.2	0.7	0.52
1617	109.2	113.0	3.8	1.19
1618	113.0	117.0	4.0	0.99
1619	117.0	122.0	5.0	0.90
1650	122.0	126.0	4.0	1.32
1651	126.0	130.0	4.0	1.42
1652	130.0	132.0	2.0	0.90
1653	132.0	135.0	3.0	2.15
1654	135.0	141.0	6.0	4.13
1655	141.0	144.0	3.0	0.90
1656	144.0	147.8	3.8	0.31
	108.5	147.8	39.3	1.56
1653	132.0	135.0	3.0	2.15
1654	135.0	141.0	6.0	4.13
	132.0	141.0	9.0	3.47
1616	108.5	109.2	0.7	0.52
1617	109.2	113.0	3.8	1.19
1618	113.0	117.0	4.0	0.99
1619	117.0	122.0	5.0	0.90
1650	122.0	126.0	4.0	1.32
1651	126.0	130.0	4.0	1.42
1652	130.0	132.0	2.0	0.90
1653	132.0	135.0	3.0	2.15
1654	135.0	141.0	6.0	4.13
1655	141.0	144.0	3.0	0.90
1656	144.0	147.8	3.8	0.31
Waste	147.8	150.6	2.8	
1657	150.6	156.0	5.4	0.26
1658	156.0	160.0	4.0	0.41
1659	160.0	163.0	3.0	1.53
1660	163.0	168.0	5.0	2.11
1661	168.0	172.5	4.5	1.52
1662	172.5	177.5	5.0	1.03
1663	177.5	182.3	4.8	2.14
1664	182.3	184.0	1.7	0.60
1665	184.0	186.5	2.5	1.21
1666	186.5	192.0	5.5	2.46
1667	192.0	194.0	2.0	2.87
	108.5	194.0	85.5	1.46

<u>Sample No.</u>	<u>From</u>	<u>To</u>	<u>Length</u>	<u>% Cu</u>
1657	150.6	156.0	5.4	0.26
1658	156.0	160.0	4.0	0.11
1659	160.0	163.0	3.0	1.53
1660	163.0	168.0	5.0	2.11
1661	168.0	172.5	4.5	1.52
1662	172.5	177.5	5.0	1.03
1663	177.5	182.3	4.8	2.14
1664	182.3	184.0	1.7	0.60
1665	184.0	186.5	2.5	1.21
1666	186.5	192.0	5.5	2.16
1667	192.0	194.0	2.0	2.82
	150.6	194.0	43.4	1.45
1668	202.0	205.5	3.5	2.53
1669	205.5	208.5	3.0	2.22
	202.0	208.5	6.5	2.42
1670	219.8	221.0	1.2	2.28
1671	221.0	224.8	3.8	0.65
1672	224.8	230.2	5.4	1.73
1673	230.2	235.2	5.0	0.95
	219.8	235.2	15.4	1.26
1685	308.0	310.0	2.0	0.59
1686	310.0	312.0	2.0	1.02
1687	312.0	314.0	2.0	1.09
1688	314.0	319.0	5.0	1.12
1689	319.0	322.0	3.0	2.24
1690	322.0	324.5	2.5	1.11
1691	324.5	327.5	3.0	0.47
	308.0	327.5	19.5	1.51

Summary:

108.5	147.8	39.3	1.56
108.5	194.0	85.5	1.46
132.0	142.0	9.0	3.17
150.6	194.0	43.4	1.45
202.0	208.5	6.5	2.42
219.8	235.2	15.4	1.26
308.0	327.5	19.5	1.51