

FALCONBRIDGE NICKEL MINES LIMITED
Falconbridge, Ontario

Approx. 6h.8'S. and

Date: April 12, 1951 Location: 120' W. of O.R.L. Bearing: East Hole No. G.B. 27
 Logged by: W.R. Elevation: Dip: -60° 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 -60°	
150.0	64°	56½°
300.0	62½°	55°
433.0	61°	53½°

<u>From</u>	<u>To</u>	<u>Description</u>	<u>Sample No.</u>
0.0	21.0	Overburden: mostly sand with scattered boulders	
21.0	81.5	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite, locally quite highly biotitic and with very minor pyrite and pyrrhotite.	
81.5	112.2	Most fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with local talc and magnetite and local pyrite, pyrrhotite, and minor chalcopyrite. Minor intercalated tuff.	
112.2	117.0	Very fine grained, light greenish-gray to dark green, highly cherty, banded tuff with minor anthophyllite development. (may be chert).	
117.0	161.0	"Sulphide Zone" - mostly fine grained, dark green, altered, chlorite-cordierite andesite with local quartz-anthophyllite and talc development and varying amounts of disseminated pyrite and pyrrhotite.	
161.0	194.5	Very fine grained, cherty, greyish-green, banded to massive, altered tuffs with minor anthophyllite development and minor pyrite and rare chalcopyrite specks and cut by numerous quartz fracture-fillings.	
194.5	213.0	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with minor disseminated pyrite and pyrrhotite.	
213.0	434.0	"Sulphide Zone" - fine grained dark green, altered, quartz-chlorite-cordierite andesite with local anthophyllite, talc and magnetite development and with varying amounts of disseminated pyrite and pyrrhotite, and chalcopyrite.	

HOLE FINISHED.

Hole started: April 11, 1951.
 Hole finished: April 14, 1951.

Casing left in and hole left open in case it is necessary to deepen.

ASSAY RECORD SHEET

GULLBRIDGE WINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1513	81.5	90.0	8.5	.50	4.25	Fine grained, dark green, quartz-talc-chlorite-anthophyllite-cordierite andesite with 7 to 8% finely disseminated pyrite, pyrrhotite and traces chalcopyrite.
1514	90.0	91.8	1.8	.40	0.72	Very fine grained, dark greyish-brown cherty-tuff with minor pyrite and chalcopyrite.
1515	91.8	98.0	6.2	.64	3.97	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with minor disseminated pyrite, pyrrhotite, and chalcopyrite grading to chloritic andesite with numerous pyrite and minor chalcopyrite fracture-fillings
1516	98.0	99.0	1.0	1.55	1.55	Fine grained, altered, chloritic, andesite with numerous chalcopyrite blebs and fracture-fillings
1517	99.0	102.5	3.5	.41	1.44	Fine grained, dark green, quartz-anthophyllite-cordierite andesite with minor pyrite.
1518	117.0	127.0	10.0	.09	0.90	Fine grained, dark green, chlorite-cordierite andesite with some anthophyllite and magnetite development and 10% disseminated acicular pyrite and pyrrhotite.
1519	127.0	129.5	2.5	.05	0.13	Fine grained, dark green, chlorite-cordierite andesite with 15% disseminated pyrite and pyrrhotite.
1520	129.5	134.5	5.0	Nil		Similar, slightly biotitic and with 30 to 50% heavily disseminated pyrite.
1521	134.5	138.5	4.0	.05	0.20	Similar, with some quartz, talc, and anthophyllite development and 20 to 30% heavily disseminated pyrite.
1522	138.5	146.5	8.0	.12	0.96	Fine grained, dark green, quartz-anthophyllite-cordierite andesite with minor magnetite and talc development and 5 to 6% disseminated pyrite and pyrrhotite.
1523	146.5	151.0	4.5	.17	0.77	Mostly fine grained, dark green, chlorite-cordierite andesite with 15 to 20% heavily disseminated pyrite and pyrrhotite.
1524	151.0	156.2	5.2	.19	0.99	Similar, with 25% heavily disseminated pyrite and traces chalcopyrite.
1525	156.2	161.0	4.8	.21	1.01	Similar to 151.0-156.2 with 60 to 70% heavily disseminated pyrite.

ASSAY RECORD SHEET

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Hole No. GB-27

Page 2.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1526	194.5	195.5	1.0	2.10	2.10	Mostly fine grained, dark green, chlorite-cordierite andesite with considerable disseminated pyrrhotite and chalcopyrite.
1527	195.5	202.5	7.0	.34	2.38	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with minor disseminated pyrite, pyrrhotite and traces chalcopyrite.
1528	213.0	223.0	10.0	.30	3.0	Fine grained, dark green, chlorite-cordierite andesite, locally biotitic and with considerable magnetite and 20 to 30% heavily disseminated pyrite and pyrrhotite and traces chalcopyrite.
1529	223.0	230.5	7.5	.15	1.12	Fine grained, dark green, chlorite-cordierite andesite with 30 to 35% heavily disseminated pyrite and pyrrhotite and considerable magnetite.
1530	230.5	239.0	8.5	.08	.68	Similar, with 35% heavily disseminated pyrite and pyrrhotite.
1531	239.0	245.0	6.0	.10	0.60	Similar to 230.5-239.0.
1532	245.0	249.7	4.7	.20	0.94	Similar, with 25% heavily disseminated pyrite.
1533	249.7	251.5	1.8	0.75	1.35	Similar, with minor pyrite, pyrrhotite and chalcopyrite.
1534	251.5	256.0	4.5	1.35	6.08	Fine grained, dark green, quartz-chlorite-cordierite andesite with minor pyrite pyrrhotite and 2% chalcopyrite.
1535	256.0	260.0	4.0	2.73	10.92	Similar, with 5 to 6% blebs and fracture-fill ^{ed} chalcopyrite.
1536	260.0	265.0	5.0	2.85	14.25	Similar, with some talc development, 5 to 6% pyrite and pyrrhotite and 8% blebs and fracture-fill ^{ed} chalcopyrite.
1537	265.0	270.0	5.0	4.02	20.10	Similar to 260.0-265.0 with 8 to 10% blebs and fracture-fill ^{ed} chalcopyrite.
1538	270.0	272.5	2.5	1.89	4.73	Similar, with 5% chalcopyrite.

GULIBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1539	272.5	276.5	4.0	.39	1.56	Fine grained, dark greenish-black quartz-chlorite-cordierite andesite, locally biotitic and with 20% disseminated and fracture-fill pyrite.
1540	276.5	281.5	5.0	.26	1.30	Similar, with 10% local concentrations of disseminated pyrite.
1541	281.5	286.0	4.5	.52	3.34	Similar, with 10 to 15% local concentrations of pyrite and pyrrhotite and traces chalcopyrite.
1560	286.0	291.0	5.0	.26	1.30	Similar, with 5 to 6% disseminated pyrite and pyrrhotite and minor chalcopyrite.
1561	291.0	297.0	6.0	.19	1.14	Fine grained, dark green, quartz-chlorite-cordierite andesite with some talc and magnetite development and 10 to 15% disseminated pyrite and pyrrhotite and traces chalcopyrite.
1562	297.0	300.0	3.0	.48	1.44	Similar, with 6 to 7% disseminated pyrite and pyrrhotite and minor chalcopyrite.
1563	300.0	305.0	5.0	.42	2.10	Similar, with 2% chalcopyrite.
1564	305.0	308.0	3.0	.88	2.64	Similar, with 10% disseminated pyrite and minor chalcopyrite.
1565	308.0	315.0	7.0	.35	2.45	Similar, with 6 to 7% disseminated pyrite and pyrrhotite.
1566	315.0	319.5	4.5	2.13	9.59	Similar, with 3 to 4% blebs and disseminated chalcopyrite.
1567	319.5	323.3	3.8	1.38	5.24	Fine grained, dark green, quartz-chlorite-cordierite andesite, with some talc and magnetite development and with 5% pyrrhotite and 3 to 4% chalcopyrite.
1568	323.3	325.3	2.0	3.14	6.28	Similar, with 6 to 8% chalcopyrite.
1569	325.3	330.0	4.7	.57	2.68	Similar, with minor disseminated pyrrhotite and chalcopyrite.
1570	330.0	332.5	2.5	1.09	2.73	Similar, with 6 to 8% disseminated pyrrhotite and 3% chalcopyrite.
1571	332.5	339.0	6.5	.59	3.84	Similar, with minor disseminated pyrrhotite, pyrite and chalcopyrite.
1572	339.0	346.5	7.5	.41	3.08	Similar.
1573	346.5	353.5	7.0	2.14	14.98	Fine grained, dark green, quartz-chlorite-cordierite andesite with 10% pyrrhotite blebs and fracture-fill and 8 to 9% chalcopyrite blebs and fracture-fill.

ASSAY RECORD SHEET

Hole No. GB-27

GULLBRIIDGE MINES LIMITED
Badger, Newfoundland

Page 4.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1574	353.5	357.0	3.5	1.04	3.64	Similar, with minor disseminated pyrrhotite and 3% chalcopyrite.
1575	357.0	360.0	3.0	1.98	5.94	Fine grained, dark green, quartz-chlorite-cordierite andesite with minor pyrrhotite and 2 to 3% chalcopyrite.
1576	360.0	365.5	5.5	0.51	2.81	Similar, with some anthophyllite development and with 7 to 8% chalcopyrite blebs and fracture-fillings.
1577	365.5	370.0	4.5	0.71	3.15	Similar, with 8 to 10% chalcopyrite blebs and fracture-fillings and 5% pyrrhotite blebs.
1578	370.0	372.7	2.7	0.49	1.32	Similar with 3 to 4% chalcopyrite blebs and fracture-fillings.
1579	372.7	379.0	6.3	1.95	12.29	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite with minor disseminated pyrite, pyrrhotite and chalcopyrite.
1580	379.0	381.5	2.5	3.80	9.50	Similar, with scattered pyrrhotite blebs and 2% chalcopyrite blebs and fracture-fillings.
1581	381.5	385.3	3.8	1.65	7.17	Similar, with minor disseminated pyrrhotite and chalcopyrite.
1582	385.3	392.0	6.7	.74	4.96	Similar, with scattered blebs pyrrhotite and chalcopyrite.
1583	392.0	399.0	7.0	.20	1.40	Similar, with occasional blebs, and minor disseminated pyrrhotite.
1584	399.0	401.5	2.5	1.21	3.03	Similar, with 5% pyrrhotite and 2% chalcopyrite blebs.
1585	401.5	407.5	6.0	.37	2.22	Fine grained, dark green, quartz-anthophyllite-chlorite-cordierite andesite, with minor pyrrhotite and chalcopyrite.
1586	407.5	411.0	6.5	.34	2.21	Similar.
1587	411.0	419.0	5.0	.78	3.90	Similar, with 7 to 8% pyrrhotite and minor chalcopyrite.
1588	419.0	425.5	6.5	.42	2.73	Similar.
1589	425.5	434.0	8.5	.25	2.13	Similar, with traces chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-27

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Page 5.

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
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Summary:

81.5	102.5	21.0	0.12		
102.5	202.5	8.0	0.56		
202.5	272.5	22.8	3.02		
272.5	315.0	12.5	0.38		
315.0	385.3	70.3	1.32		
385.3	425.5	10.2	0.18		

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>
1528	213.0	223.0	10.0	0.30
1529	223.0	230.0	7.5	0.15
1530	230.0	239.0	8.5	0.08
1531	239.0	245.0	6.0	0.10
1532	245.0	249.7	4.7	0.20
1533	249.7	251.5	1.8	1.38
1534	251.5	256.0	4.5	0.75
1535	256.0	260.0	4.0	2.73
1536	260.0	265.0	5.0	2.85
1537	265.0	270.0	5.0	4.02
1538	270.0	272.5	2.5	1.89
1539	272.5	276.5	4.0	0.39
1540	276.5	281.5	5.0	0.26
1541	281.5	286.0	4.5	0.52
1560	286.0	291.0	5.0	0.26
1561	291.0	297.0	6.0	0.19
1562	297.0	300.0	3.0	0.18
1563	300.0	305.0	5.0	0.42
1564	305.0	308.0	3.0	0.88
1565	308.0	315.0	7.0	0.35
1566	315.0	319.5	4.5	2.13
1567	319.0	323.3	3.8	1.38
1568	323.3	325.3	2.0	3.14
1569	325.3	330.0	4.7	0.57
1570	330.0	332.5	2.5	1.09
1571	332.5	339.0	6.5	0.59
1572	339.0	346.5	7.5	0.41
1573	346.5	353.5	7.0	2.14
1574	353.5	357.0	3.5	1.04
1575	357.0	360.0	3.0	1.98
1576	360.0	365.5	5.5	0.51
1577	365.5	370.0	4.5	0.71
1578	370.0	373.7	2.7	0.41
1579	373.7	379.0	6.3	1.95
1580	379.0	381.5	2.5	3.80
1581	381.5	385.3	3.5	1.65
1582	385.3	392.0	6.7	0.74
1583	392.0	399.0	7.0	0.20
1584	399.0	401.5	2.5	1.21
1585	401.5	407.5	6.0	0.37
1586	407.5	414.0	6.5	0.34
1587	414.0	419.0	5.0	0.78
1588	419.0	425.5	6.5	0.42
1589	425.5	434.0	8.5	0.25
	213.0	434.0	221.0	0.90

<u>Sample No.</u>	<u>From</u>	<u>To</u>	<u>Length</u>	<u>% Cu</u>
1533	249.7	251.5	1.8	1.38
1534	251.5	256.0	4.5	0.75
1535	256.0	260.0	4.0	2.73
1536	260.0	265.0	5.0	2.85
1537	265.0	270.0	5.0	4.02
1538	270.0	272.5	2.5	1.89
	249.7	272.5	22.8	2.52
1566	315.0	319.5	4.5	2.13
1567	319.5	323.3	3.8	1.38
1568	323.3	325.3	2.0	3.14
1569	325.3	330.0	4.7	0.57
1570	330.0	332.5	2.5	1.09
1571	332.5	339.0	6.5	0.59
1572	339.0	346.5	7.5	0.44
1573	346.5	353.5	7.0	2.14
1574	353.5	357.0	3.5	1.04
1575	357.0	360.0	3.0	1.90
1576	360.0	365.5	5.5	0.51
1577	365.5	370.0	4.5	0.71
1578	370.0	373.7	2.7	0.44
1579	373.7	379.0	6.3	1.95
1580	379.0	381.5	2.5	3.80
1581	381.5	385.3	3.5	1.65
	315.0	385.3	70.3	1.32

Summary:

213.0	434.0	221.0	0.90
249.7	272.5	22.8	2.52
315.0	385.3	70.3	1.32