

FALCONBRIDGE NICKEL MINES LIMITED

Date: June 24, 1951. Location: 9400 N. approx.
-57.7' W. of O.B.L. Bearing: East. Hole No. GB-42.
 Logged by: L.R. Halladay 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	40° at collar	
350.0	44°	35½°
700.0	41½°	33°

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0.0	56.0	Overburden: sand and gravel with numerous large boulders.
56.0	85.4	Fine grained, dark green-grey dolerite. Sand seam 92.0 - 95.0.
85.4	95.8	Very fine grained, black trap dyke.
95.8	186.0	Similar to 56.0 - 85.4. From 180.6 to 186.0 becomes finer grained, Core badly broken.
186.0	189.0	Medium grained to fine grained, dark grey dolerite, slightly coarser grained than 56.0 - 85.4.
189.0	218.3	Similar to 56.0 - 85.4. From 189.6 - 191.1, and 209.0 - 218.3 fine grained to very fine grained, possibly chilled contact.
218.3	289.7	Similar to 46.0 - 85.4. From 218.6 - 218.7 quartz and epidote fracture-fillings, slightly finer grained from 288.3-289.7.
289.7	293.0	Very fine grained, medium grey-salmon pink rhyolite with considerable epidote fracture-filling.
293.0	297.2	Similar to 46.0-85.4 with occasional carbonate fracture- fillings, finer grained near both contacts.
297.2	314.2	Similar to 289.7-293.0. Rhyolite breccia: 313.6-314.1.
314.2	325.0	Similar to 56.0-85.4 with occasional epidote and carbonate fracture-fillings. Slightly finer grained from 314.2 to 317.5.
325.0	332.6	Very fine grained, light grey to pink ^{RHYOLITE} with occasional quartz injections and considerable epidote fracture-filling.
332.6	474.3	Fine grained to very fine grained, dark green-grey dolerite with considerable epidote and carbonate fracture-filling. Shows considerable variation in grain size.
474.3	506.6	Fine grained to very fine grained, dark grey-green andesite with local chlorite development, occasional quartz injections considerable carbonate and epidote (red and green) fracture- filling and minor disseminated pyrites, chalcopyrite and galena.
506.6	568.0	Fine grained, dark blue-grey altered andesite with chlorite cordierite, biotite and local anthophyllite development and minor disseminated pyrite, pyrrhotite and chalcopyrite. Core ground: 509.0-511.8; 565.4-567.4.
568.0	581.1	Fine grained to very fine grained, medium grey, finely banded siliceous tuff with occasional quartz injections, some intercalated altered andesite and minor disseminated pyrite, chalcopyrite and pyrrhotite.

FAIRBANKS MINERAL MINES LIMITED.

Date: June 24th, 1951. Location: 9/ 60 N. approx.
- 577' W. of O.V.L. Bearing East. Hole No: 12.
 Logged by: L.B.H. Dip: -45° at collar. Property: Gull Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
581.1	637.0	Similar to 586.0 - 568.0 with some intercalated slightly altered chloritic andesite.
637.0	646.5	Fine grained, medium green - grey andesite slightly altered containing some altered chlorite, cordierite, biotite andesite, with minor disseminated pyrites and pyrrhotite.
646.5	711.3	Fine grained, dark blue - grey altered andesite with numerous quartz injections, cordierite, chlorite and local biotite, arthophyllite, sericite development, also minor disseminated pyrite, chalcopyrite and pyrrhotite. Some intercalated fine grained to very fine grained, medium grey siliceous crystallized tuff with numerous quartz injections.
711.3	716.0	Fine grained, dark grey - green dyke probably diorite, minor disseminated pyrite, core around : 713.7 - 716.0 .

HOLE FINISHED.

Hole started : June 18th, 1951.
 Hole finished : July 9th, 1951.

Caving around at 56', 100', 125' and 160'. Hole cemented five times.
 Unable to recover 10' BX casing, 12' AX casing and 20' BX casing.
 Top 150' cemented under pressure.

ASSAY RECORD SHEET

Hole No. GE-42

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3078	495.9	498.7	2.8			Fine grained to very fine grained, dark grey-green andesite with occasional quartz injections, considerable carbonate and epidote fracture-fill and minor disseminated pyrite.
3079	498.7	504.2	5.5			Similar to #3078 with minor disseminated pyrite, chalcopyrite, and galena.
3080	504.2	506.5	2.3			Similar to #3078 with chlorite development and minor disseminated pyrite and chalcopyrite.
3081	506.5	508.8	2.3			Fine grained, dark blue-grey altered andesite with chlorite, cordierite and considerable biotite development and minor disseminated pyrite, chalcopyrite, and pyrrhotite.
3082	508.8	513.5	4.7	0.05		Similar to #3081
3083	513.5	517.0	3.5	0.04		Similar to #3081
3084	517.0	521.5	4.5	0.11		Fine grained, dark blue-grey altered andesite with chlorite cordierite and local biotite development and minor disseminated pyrite, pyrrhotite and chalcopyrite.
3085	521.5	525.2	3.7	0.12		Similar to #3084 with local anthophyllite development.
3086	525.2	529.5	4.3	0.06		Fine grained, dark blue-grey altered andesite with chlorite, cordierite and considerable biotite development and minor disseminated pyrite, pyrrhotite and chalcopyrite.
3087	529.5	534.1	4.6	0.20		Fine grained, dark blue-grey altered andesite with chlorite, cordierite and local biotite, and anthophyllite and minor pyrite, pyrrhotite and chalcopyrite.
3088	534.1	537.1	3.0	0.07		Similar to #3087.
3089	537.1	541.3	4.2	0.13		Similar to #3087.
3090	541.3	546.1	4.8	0.10		Similar to #3087 with minor magnetite.

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Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
3091	546.1	549.3	3.2	0.31		Similar to #3087 with minor magnetite.
3092	549.3	550.8	1.5	0.35		Similar to #3087.
3093	550.8	553.0	2.2	0.29		Similar to #3087. 1 to 2% pyrrhotite and pyrite, 1 to 2% chalcopyrite.
3094	553.0	556.5	3.5	0.69		Similar to #3087.
3095	556.5	559.4	2.9	0.21		Similar to #3087.
3096	559.4	563.9	4.5	0.15		Similar to #3087.
3097	563.9	568.1	4.2	0.20		Similar to #3087 with minor magnetite core ground 565.4-567.5.
3098	568.1	573.3	5.2	0.23		Fine grained to very fine grained, medium grey, finely banded siliceous tuff with quartz injections and minor disseminated pyrite, chalcopyrite and pyrrhotite. Core Ground - 568.2-571.7.
3099	573.3	578.0	4.7	0.11		Similar to #3098.
3100	578.0	583.0	5.0	0.06		Similar to #3098 with some intercalated altered andesite.
3101	583.0	585.3	2.3	0.21		Similar to #3087.
3102	585.3	588.0	2.7	0.28		Similar to #3087. 1 to 2% chalcopyrite, 2 to 3% pyrrhotite and pyrite.
3103	588.0	593.0	5.0	0.60	3.00	Fine grained, dark green-grey altered andesite with chlorite, biotite and anthophyllite development and minor disseminated pyrite, pyrrhotite and chalcopyrite.
3104	593.0	597.0	4.0	0.27	1.08	Fine grained, medium green-grey slightly altered chloritic andesite with minor disseminated pyrite, chalcopyrite, and pyrrhotite.
3105	597.0	601.0	4.0	0.11	0.44	Fine grained, dark blue-grey, altered andesite with chlorite, biotite, anthophyllite and cordierite development and minor disseminated pyrite, chalcopyrite and pyrrhotite.

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Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3106	601.0	603.0	2.0	0.30	0.60	Similar to #3105 with some intercalated medium grey siliceous tuff.
3107	603.0	605.4	2.4	0.72	1.62	Similar to #3105. 1 to 2% chalcopryite, 1 to 2% pyrite and pyrrhotite.
3108	605.4	608.0	2.6	0.71	1.84	Similar to #3105. 1 to 2% chalcopryite, minor pyrrhotite and pyrite.
3109	608.0	611.8	3.8	0.62	2.95	Similar to #3105. Minor disseminated chalcopryite, pyrrhotite and pyrite.
3110	611.8	613.8	2.0	0.24	0.48	Similar to #3105. Minor disseminated pyrrhotite, chalcopryite and pyrite.
3111	613.8	616.6	2.8	0.12		Fine grained, medium green-grey slightly altered andesite with minor disseminated pyrite and pyrrhotite.
3112	616.6	620.4	3.8	0.06		Similar to #3105 with abundant anthophyllite and minor disseminated pyrite and pyrrhotite.
3113	620.4	622.0	1.6	1.12	1.79	Similar to #3105 with minor disseminated chalcopryite, pyrite, pyrrhotite and bornite (?).
3114	622.0	623.1	1.1	0.16	0.50	Similar to #3105 with abundant anthophyllite and minor disseminated chalcopryite, pyrrhotite and pyrite.
3115	623.1	626.3	3.2	0.06		Fine grained, dark green-grey altered andesite with chlorite, anthophyllite cordierite and abundant biotite and minor disseminated pyrite, pyrrhotite and chalcopryite.
3116	626.3	629.0	2.7	Nil		Fine grained to very fine grained, medium grey siliceous tuff with minor disseminated pyrite.
3117	629.0	631.6	2.6	0.18		Fine grained, dark green-grey altered andesite with locally abundant chlorite and biotite and minor disseminated pyrite, chalcopryite and pyrrhotite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3118	705.0	708.0	3.0	0.04		Fine grained, dark blue-grey altered andesite with chlorite, cordierite, biotite, sericite and anthophyllite development and minor disseminated pyrite, pyrrhotite and chalcopyrite.
3119	708.0	710.0	2.0	0.16		Similar to #3118 with 1 to 2% pyrite and minor pyrrhotite and chalcopyrite.
3120	710.0	711.3	1.3	0.09		Similar to #3118 with minor disseminated pyrite, chalcopyrite, and pyrrhotite.
3121	711.3	716.0	4.7	0.06		Fine grained, dark grey-green dyke probably dolerite with minor disseminated pyrite.
<u>Summary:</u>						
	588.0	613.8	25.8	0.17		
	620.4	623.1	2.7	0.85		

FALCONBRIDGE NICKEL MINES LIMITED.

GULLBRIDGE MINES LIMITED.

GULL POND

NEWFOUNDLAND.

ASSAY VALUES.

HOLE NO. G.B. 42.

No worthwhile values.

HOLE NO. G.B. 43.

<u>SAMPLE NO.</u>	<u>FROM</u>	<u>TO</u>	<u>LENGTH</u>	<u>%Cu.</u>
3107	405.7	408.3	2.6	0.57
3108	408.3	409.7	1.4	5.88
3109	409.7	413.5	3.8	0.46
	405.7	413.5	7.8	1.47 %Cu.
3021	418.5	419.2	0.70	1.01
3022	419.2	421.4	2.2	0.46
3023	421.4	422.7	1.3	2.26
3024	422.7	424.7	2.0	2.66
3025	424.7	425.8	1.1	2.77
3026	425.8	427.5	1.7	1.70
3027	427.5	429.8	2.3	1.72
3028	429.8	432.5	2.7	1.64
3029	432.5	434.1	1.6	1.57
	418.5	434.1	15.6	1.72% Cu.
	421.4	425.8	4.4	2.57%Cu.