

FALCONBRIDGE NICKEL MINES LIMITED

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8+00N 200' W.
 Date: March 21, 1951 Location: of O.B.L. Bearing: East Hole No: G. B. 19
 Logged by: W. P. Dip: -45° at collar Property: Gull Pond, Newfoundland.

DIP TESTS

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected Angle</u>
0.0	Hole collared at -45°	
50.0	55 degrees	47 degrees
150.0	49 "	40 1/2 "
300.0	47 "	38 1/2 "
509.0	46 "	37 1/2 "

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>Sample Nos.</u>
0.0	76.0	Overburden: sand, mud and boulders. Vertical depth of water 25'.	
76.0	128.0	f.g., lt. greyish-white, sl. schistose and sericitic rhyolite with scattered feldspar crystals and quite highly fractured with numerous quartz f.f., schistosity cuts core at 45°.	
128.0	130.0	20% core recovery: f.g., altered chloritic andesite.	
130.0	140.0	f.g., dk. greenish-black, altered, quartz-anthophyllite-cordierite andesite with minor disseminated pyrite and pyrrhotite. 30-40% core, SLUDGE SAMPLE.	1297 1326
140.0	169.0	"Sulphide Zone", f.g., dk. green, altered, chlorite-anthophyllite-cordierite andesite with varying amounts of disseminated pyrite, pyrrhotite, and chalcopyrite.	
169.0	175.7	f.g., dk. green, intermediate dyke rock (diabasic texture?).	
175.7	249.0	"Sulphide Zone", f.g., dk. green, altered, quartz-chlorite-anthophyllite-cordierite andesite with varying amounts of disseminated pyrite, pyrrhotite and chalcopyrite.	
249.0	255.0	Very f.g., brownish-grey, cherty-looking finely banded and locally crenulated tuff.	
255.0	267.0	Very f.g., white to greenish-white, sugary quartz with minor disseminated pyrite.	
267.0	288.0	Very f.g., greenish-gray to brownish-grey, cherty-looking, finely banded and locally crenulated tuff. banded at 45°. Minor disseminated pyrite.	
288.0	300.0	f.g., dk. greyish-green, quartz-anthophyllite-cordierite andesite with minor local biotite and varying amounts of disseminated and f.f. pyrite and pyrrhotite.	
300.0	323.0	Very f.g., brownish-grey, cherty-looking, finely banded, and locally highly crenulated tuff with varying degrees of blotchy bluish-grey cordierite development.	

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8+00N 200' W.

Date: March 21, 1951 Location: of O.B.L. Bearing: East Hole No: G. B. 19
 Logged by: W. P. Dip: -15° at collar Property: Gull Pond, Newfoundland.

FROM	TO	DESCRIPTION	Sample Nos.
323.0	328.5	"Sulphide Zone", f.g., dk. green, altered, chloritic andesite with 10% disseminated pyrite and pyrrhotite and minor chalcopyrite. (See sample record sheets).	
328.5	341.0	f.g., dk. green, massive, altered, anthophyllite-andesite with rare specks pyrite and pyrrhotite.	
341.0	380.5	Medium to f.g., massive, greyish-green, dyke rock of dioritic composition, probably diabase. Some epidote alteration and sl. chilling at contacts.	
380.5	383.5	"Sulphide Zone", f.g., dk. greenish-black, cordierite-andesite with 10% disseminated acicular pyrrhotite and 10% blebs and f.f. chalcopyrite.	
383.5	387.7	f.g., brownish-gray, cherty-looking, finely banded and locally crenulated tuff with 10% local pyrite concentrations.	
387.7	390.0	Massive f.g., dk. green trap dyke.	
390.0	424.0	Very f.g., dk. brownish-gray, very cherty-looking, finely banded and locally crenulated tuffs with local pyrite concentrations and cut by numerous quartz f.f., some cordierite development. Banding at 15 - 70°.	
424.0	431.0	M.f.g., lt. greyish-green, considerably altered, massive, intermediate dyke rock of dioritic composition cut by numerous quartz and epidote f.f.	
431.0	432.3	Very f.g., dk. greenish-black, chert with 5% pyrite.	1331
432.3	433.8	Medium f.g., dk. greyish-green, massive, altered, talcose, intermediate dyke (??).	
433.8	438.8	Similar to 431.0 - 432.3, sl. banded, and with 20% local massive pyrite concentrations.	1332
438.8	456.5	Medium to f.g., greyish-green, massive diabase dyke, sl. chilling at contacts.	
456.5	471.0	f.g., dk. green, altered, anthophyllite-quartz-cordierite-chlorite andesite locally biotitic and with minor disseminated pyrite, pyrrhotite, and very minor chalcopyrite.	
471.0	487.2	Medium f.g., dk. green, massive, altered, rock of andesitic composition, with minor fine magnetite and minor local epidote development. Probably altered andesite.	

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 Date: March 21, 1951 Location: of O.R.L. Bearing: East Hole No: G.B. 19
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FROM	TO	DESCRIPTION	Sample Nos.
487.2	493.0	Very f.g., brownish-grey, cherty-looking, locally banded and crenulated tuffs with considerable cordierite development.	
493.0	511.0	f.g., to medium f.g., dk. green, massive, diabase dyke.	
511.0	519.0	Very f.g., greenish-grey to brownish-grey, cherty-looking, finely banded and locally crenulated tuffs with scattered cordierite development and minor local concentrations of disseminated pyrite and pyrrhotite.	

HOLE FINISHED.

Hole started March 18, 1951.

Hole finished March 24, 1951.

Hole cemented down to 150' and casing pulled.

ASSAY RECORD SHEET

Hole No. GB-19

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1297	130.0	140.0	10.0	0.27	2.70	Fine grained, dark greenish-black, altered, quartz-anthophyllite-cordierite andesite with minor disseminated pyrite and pyrrhotite. 30 to 40% core recovery.
1326	130.0	140.0	SLUDGE SAMPLE		SLUDGE SAMPLE	
1298	140.0	144.0	4.0	0.42	1.68	Fine grained, dark green, altered, chlorite-cordierite andesite with 10% disseminated pyrite and pyrrhotite and traces chalcopyrite.
1299	144.0	148.0	4.0	1.64	6.56	Similar, with 6% chalcopyrite.
1300	148.0	153.0	5.0	1.37	6.85	Similar, with 5 to 6% chalcopyrite.
1301	153.0	155.5	2.5	2.09	5.24	Similar, with 6 to 7% chalcopyrite.
1302	155.5	161.0	5.5	0.39	2.14	Fine grained, dark greenish-black, chlorite-anthophyllite-cordierite andesite with minor disseminated pyrite and pyrrhotite.
1303	161.0	164.0	3.0	0.42	1.26	Similar to 155.5-161.0 with traces chalcopyrite.
1304	164.0	169.0	5.0	0.83	4.15	Similar, with 6% pyrrhotite and 2% chalcopyrite.
1305	175.7	179.5	3.8	0.43	1.63	Fine grained, dark green, altered quartz-chlorite-cordierite andesite with minor disseminated pyrite and pyrrhotite and minor chalcopyrite.
1306	179.5	182.5	3.0	1.52	4.56	Similar, with 4% chalcopyrite and minor magnetite.
1307	182.5	186.5	4.0	1.10	4.40	Similar, with 3% chalcopyrite.
1308	186.5	189.5	3.0	1.89	5.67	Similar, with 6% chalcopyrite.
1309	189.5	196.0	6.5	3.81	24.65	Similar, somewhat more chloritic and with some injected quartz and 12 to 15% chalcopyrite blebs.

ASSAY RECORD SHEET

Hole No. GB-19

GULLIBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1310	196.0	200.0	4.0	1.09	4.36	Fine grained, dark greyish-green, altered quartz-chlorite-anthophyllite-cordierite andesite with minor disseminated pyrite and pyrrhotite and 2% chalcopryite.
1311	200.0	205.0	5.0	0.61	3.05	Similar, with minor chalcopryite.
1312	205.0	207.0	2.0	0.26	0.52	Similar, with very sparse sulphides and traces chalcopryite.
1313	207.0	211.0	4.0	0.95	3.80	Similar, with considerable anthophyllite development and 3% dissemination and fracture fill chalcopryite.
1314	211.0	214.0	3.0	1.43	4.29	Similar, with 3% chalcopryite.
1315	214.0	217.5	3.5	0.45	1.57	Similar, with minor pyrrhotite and chalcopryite.
1316	217.5	220.5	3.0	1.62	4.86	Similar, with 4 to 5% chalcopryite.
1317	220.5	224.3	3.8	0.80	3.04	Fine grained, dark green, chlorite-anthophyllite-cordierite andesite with minor disseminated pyrrhotite and 2% chalcopryite.
1318	224.3	234.0	9.7	0.09		Similar, with minor disseminated pyrite and pyrrhotite.
1319	234.0	242.0	8.0	0.10		Similar, with traces pyrite and pyrrhotite.
1320	242.0	249.0	7.0	0.17		Similar to 234.0-242.0 with minor pyrrhotite.
1321	255.0	257.7	2.7	0.59		Mostly very fine grained, sugary, white quartz, with minor disseminated pyrite and minor altered andesitic material with trace chalcopryite.
1322	257.7	267.0	9.3	0.10		Very fine grained, white to greenish-white, sugary quartz with minor disseminated pyrite.

GULL BRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1323	288.0	294.5	6.5	0.18		Fine grained, dark green cordierite-anthophyllite-chlorite andesite with 15% disseminated pyrite and pyrrhotite.
1324	294.5	300.0	5.5	0.16		Fine grained, greyish-green, quartz-anthophyllite-cordierite andesite with minor biotite, pyrrhotite and pyrite.
1325	323.0	327.0	4.0	1.31		Fine grained, dark green, altered, chloritic andesite with 10 to 15% disseminated pyrite and pyrrhotite and 2% chalcopyrite.
1327	327.0	328.5	1.5	0.13		Similar, with 8 to 10% disseminated pyrite and pyrrhotite and traces chalcopyrite.
1328	380.5	383.5	3.0	2.31		Fine grained, dark greenish-black, cordierite andesite with 10% disseminated acicular pyrrhotite and 10% blebs and fracture-fill ^{ed} chalcopyrite.
1329	383.5	387.7	4.2	0.40		Fine grained, brownish-grey, cherty-looking, finely banded and locally crenulated tuff with 10% local pyrite concentrations.
1330	409.0	419.0	10.0	0.07		Very fine grained, greenish-white, cherty-looking, highly silicified tuffs(?) with local concentrations of disseminated to massive pyrite.
1331	431.0	432.3	1.3	0.16		Very fine grained, dark greenish-black chert with 5% pyrite.
1332	433.8	438.8	5.0	0.20		Similar to 431.0-432.3, slightly banded and with 20% local massive pyrite concentrations.

ASSAY RECORD SHEET

Hole No. GB-19

GILLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1333	456.5	458.5	2.0	0.41		Fine grained, dark green, altered chlorite-biotite-cordierite andesite with 15% disseminated pyrrhotite and pyrite and minor chalcopyrite.
1334	458.5	465.0	6.5	0.14		Fine grained, dark green, quartz-anthophyllite-cordierite-biotite andesite with minor disseminated pyrite and pyrrhotite.
<u>Summary:</u>						
	130.0	144.0	14.0	0.37		
	144.0	155.5	11.5	1.62		
	155.5	169.0	13.5	0.65		
	175.7	179.5	3.8	0.43		
	179.5	200.0	20.5	2.13		
	200.0	207.0	7.0	0.51		
	207.0	220.5	13.5	1.08		
	220.5	224.3	3.8	0.80		
	255.0	257.7	2.7	0.59		
	323.0	327.0	4.0	1.31		
	380.5	383.5	3.0	2.31		
	383.5	387.7	4.2	0.60		
	456.5	458.5	2.0	0.41		