

FALCONBRIDGE NICKEL MINES LIMITED.

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9+00N. 200W.

Date: March 30, 1951 Location: of O B.L. Bearing: East Hole No: O. B. 20

Logged by: W.B. Dip -45° at collar Property: Gull Pond, Nfld.

DIP TESTS

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected angle.</u>
0.0	Hole collared at -45°	
52.0	51 degrees	42½ degrees
150.0	46½ "	38 "
300.0	45 "	36½ "
500.0	45 "	36½ "

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	73.5	Overburden: sand, boulders and mud. Vertical depth of water 30 ft.	
73.5	138.0	f.g., lt. grey to pink, altered, siliceous and highly fractured rhyolite cut by numerous quartz and epidote (?) f.f., locally sl. schistose and locally brecciated. From 73.5 to 90.0 30% core recovery.	
138.0	201.2	"Sulphide Zone", f.g., dk. green, quartz - anthophyllite-chlorite-cordierite andesite with varying amounts of disseminated pyrite, pyrrhotite, and chalcopyrite.	
201.2	215.0	Medium f.g., dk. green, massive, dyke rock of dioritic composition cut by numerous epidote f.f.	
215.0	244.7	"Sulphide Zone", f.g., dk. green, altered, cordierite-anthophyllite andesite with varying amounts of quartz, chlorite, talc and biotite development and with varying amounts of disseminated pyrite and pyrrhotite.	
244.7	246.5	Very f.g., dk. greyish-green to black, cherty-looking, finely banded tuff.	
246.5	250.5	Very f.g., dk. green, cherty-looking, quartz - anthophyllite phase of altered andesite with minor disseminated pyrrhotite and magnetite.	
250.5	275.0	f.g., dk. green, altered, anthophyllite-cordierite andesite with very minor disseminated pyrrhotite, locally sl. schistose at 45°.	
275.0	286.5	Mostly f.g., dk. green, altered, chloritic and talcose andesite with 10% disseminated pyrite and pyrrhotite and cut by numerous f.g., greyish-white, sugary siliceous bands paralleling the schistosity. Schistosity cuts core at 30-40°. May be tuff in part.	
286.5	294.5	Very f.g., dk. brownish-grey, cherty-looking, finely banded tuff with some cordierite and biotite development and scattered disseminated pyrite.	
294.5	314.0	f.g., dk. green, altered, talc-chlorite-cordierite andesite with local short sections of heavily disseminated pyrite.	
314.0	407.5	f.g., dk. green, altered andesite complex with varying degrees of silicification and chlorite, anthophyllite (?), biotite and cordierite development, and local epidote and magnetite. Minor local pyrite and pyrrhotite.	

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9+00N, 200W

Date: March 30, 1951 Location: of O B.L. Bearings: East Hole No: G. P. 20

Logged by: W.B. Dip: -45° at collar Property: Gull Pond, Newfoundland.

FROM	TO	DESCRIPTION	SAMPLE NOS.
407.5	410.0	Very f.g., greyish-green, trap dyke cut by numerous fine epidote f.f.	
410.0	422.5	f.g., dk. green, altered, andesite with varying degrees of talc, chlorite, cordierite and anthophyllite development.	
422.5	427.5	f.g., dk. grey to green, cherty, locally banded highly altered and silicified tuff (?) with scattered euhedral pyrite crystals and traces chalcopyrite	1385
427.5	431.5	f.g., medium green, massive intermediate dyke rock with scattered fine felspar laths. May be altered diabase.	
431.5	436.0	Very f.g., brownish-green, cherty-looking, locally banded and crenulated, altered tuffs with some cordierite and biotite development, and minor pyrite.	
436.0	443.0	f.g., to medium f.g., medium green, massive, somewhat altered, intermediate dyke rock.	
443.0	445.5	f.g., dk. greenish-black, altered, quartz-anthophyllite-cordierite andesite.	
445.5	450.5	Similar to 436.0 - 443.0, with chilled contacts, probably diabase.	
450.5	464.0	f.g., dk. greyish-black, altered chlorite-cordierite andesite with varying amounts of anthophyllite, biotite and talc development and minor disseminated pyrite.	
464.0	468.0	Medium f.g., green, massive, altered, recrystallized andesite with minor epidote development.	
468.0	471.7	f.g., dk. greyish-green, massive, diabase dyke.	
471.7	480.0	Similar to 464.0-468.0 with minor biotite development.	
480.0	494.5	Mostly f.g., grey to brownish-grey, finely banded, crenulated and somewhat schistose tuffs with some biotite and cordierite development and locally highly silicified.	
494.5	500.0	Similar, almost wholly replaced by fine sugary quartz and 20 - 30% heavily disseminated pyrite.	1390
500.0	502.0	Similar with minor disseminated pyrite;	

HOLE FINISHED.

Hole started March 26, 1951
Hole finished April 2, 1951.

Hole cemented down to 150' and casing pulled.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
1335	138.0	145.0	7.0	2.16	15.12	Fine grained, dark green, quartz-anthophyllite-cordierite andesite with minor magnetite and with 6 to 7% disseminated pyrrhotite and .3 to .4% local chalcopyrite concentrations.
1336	145.0	150.0	5.0	0.55	2.75	Similar, with 7 to 8% disseminated acicular pyrrhotite and 2% chalcopyrite.
1337	150.0	153.0	3.0	1.44	4.32	Similar, with 6 to 7% blebs and fracture-fills of pyrrhotite and 3% chalcopyrite.
1338	153.0	158.0	5.0	2.09	10.45	Similar, somewhat chloritic and with some injected quartz and 6% chalcopyrite.
1339	158.0	163.0	5.0	1.65	8.25	Similar, with 5 to 6% chalcopyrite blebs and fracture-fillings
1340	163.0	169.5	6.5	1.23	8.0	Similar, with 7% disseminated acicular pyrrhotite and .4% chalcopyrite. (Some acicular chalcopyrite).
1341	169.5	173.0	3.5	0.86	3.01	Similar, with 3% local chalcopyrite concentrations.
1342	173.0	179.0	6.0	0.22	1.32	Fine grained, dark green, altered, talc-chlorite-cordierite-anthophyllite andesite with 10% disseminated pyrite, acicular pyrrhotite and minor chalcopyrite.
1343	179.0	182.5	3.5	1.30	4.55	30 to 40% core recovery, fine grained, dark green, altered chloritic andesite with 7 to 8% disseminated pyrite and pyrrhotite and .4% chalcopyrite.
1344	182.5	187.0	4.5	0.22		Fine grained, dark green, altered, chlorite-anthophyllite-cordierite andesite with minor disseminated pyrite and pyrrhotite.
1345	187.0	192.0	5.0	0.20		Similar.
1346	192.0	201.2	9.2	0.15		Similar, with minor magnetite, 200-201 core ground.
1347	215.0	223.5	8.5	0.33		Fine grained, dark green, altered, talc-chlorite-cordierite andesite with 10% disseminated and interlamellar pyrite and pyrrhotite and minor magnetite. Schistose at 35° to 45°.

ASSAY RECORD SHEET

Hole No. GB-20

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Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1348	223.5	230.0	6.5	0.16		Fine grained, dark green, anthophyllite-chlorite-cordierite andesite with very minor disseminated pyrite and pyrrhotite.
1349	230.0	237.0	7.0	0.29		Similar to 223.5-230.0, with some very fine cherty quartz-anthophyllite alteration.
1350	237.0	241.0	4.0	1.16		Fine grained, dark greyish-green, altered, quartz-anthophyllite-cordierite andesite with 10% disseminated pyrrhotite and 4% chalcopyrite. Slightly schistose at 60°.
1351	241.0	244.7	3.7	0.44		Similar, with considerable talc, chlorite and biotite development and with 10% disseminated pyrite and pyrrhotite.
1352	291.5	296.0	4.5	0.19		Fine grained, dark green, chlorite-cordierite andesite with 25% heavily disseminated pyrite and some pyrrhotite.
1353	296.0	305.0	9.0	0.21		Fine grained, dark green, talc-chlorite-cordierite andesite with minor disseminated pyrite and pyrrhotite.
1354	305.0	308.0	3.0	0.45		Fine grained, dark green, chlorite-cordierite andesite with 15% locally heavily disseminated pyrite.
1382	308	312.5	4.5	0.16		Fine grained, dark greenish-black, quartz-anthophyllite-cordierite andesite, with occasional blebs chalcopyrite.
1383	371.5	373.0	1.5	0.94		Fine grained, dark green, altered, chlorite-cordierite andesite, locally biotitic and with 10% to 15% disseminated pyrite and pyrrhotite and minor chalcopyrite.
1384	373.0	375.5	2.5	0.23		Similar, locally biotitic and with minor disseminated pyrite and pyrrhotite.
1385	422.5	427.5	5.0	0.25		Fine grained, dark grey to green, cherty locally banded, highly altered and silicified tuff (?) with scattered euhedral pyrite crystals, and traces chalcopyrite.

ASSAY RECORD SHEET

Hole No. OB-20

GUILBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
1386	450.5	453.0	2.5	0.34		Fine grained, dark greyish-black, quartz-anthophyllite-cordierite andesite, with minor disseminated chalcopyrite.
1387	453.0	459.0	6.0	0.13		Similar, somewhat biotitic and with minor disseminated pyrite.
1388	459.0	463.0	4.0	0.40		Fine grained, dark greyish, altered, talc-chlorite-cordierite andesite with 15% heavily disseminated pyrite.
1389	483.2	485.0	1.8	0.35		Sugary quartz with minor pyrite, pyrrhotite and chalcopyrite.
1390	494.5	500.0	5.5	0.09		Fine sugary quartz, with 20 to 30% heavily disseminated pyrite.
<u>Summary:</u>						
	138.0	169.5	31.5	1.55		
	169.5	182.5	13.0	0.68		
	230.0	244.7	14.7	0.57		
	305.0	308.0	3.0	0.45		
	371.5	373.0	1.5	0.94		
	450.5	463.0	12.5	0.26		
	483.2	485.0	1.8	0.35		