

Logged By: Arian M. Frew
Hole No. LA97-6 Sheet No. 1 of 14

FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Name of Property: <u>Lake Bond (RL 50)</u>	Meterage	Dip	Azimuth	Meterage	Dip	Azimuth
Hole No. <u>LA97-6</u> Length <u>338.3 M.</u>						
Location <u>North of Lake Bond, Noranda's Grid</u>						
Latitude <u>6400N</u> Departure <u>5175E</u>						
Elevation _____ Azimuth <u>E</u> Dip <u>-75°</u>						
Started <u>October 31, 1997</u> Finished <u>November 6, 1997</u>						
Core Size: <u>BTW</u>						

Meterage		Description	Remarks
From	To		
0	4.6	OVERBURDEN	CASING TO 6.1 M.
4.6	18.4	ANDESITE (BASALTIC): Fine to medium grained, dark green, equigranular texture, fairly massive, moderately chloritic basaltic andesite. Moderately to strongly magnetic. Widely spaced fractures at 20° to C.A. infilled with sub mm. to 2 mm. of white calcitic, quartz-carbonate. Pyrite occurs as thin patches coating fracture faces and as tiny disseminated crystals (less than 1%) throughout. Throughout there are flow breccias which have sub-rounded fragments up to 8 cm. across – in a dark green to black chloritic groundmass. 8.3 – 9.1: Flow breccia 12.4 – 14.4: Flow breccia 15.0 – 16.7: Flow breccia 18.4: Contact sharp at 40° to C.A., chilled over 3 cm.	
18.4	22.5	BASALT: Fine grained to aphanitic, dark green-grey to black, non-magnetic basalt. Shears at 10-15° to C.A. throughout coated with chlorite and white calcitic quartz-carbonate. Core is badly broken throughout. Occasional irregular 2 mm. to 5 mm. white calcitic quartz-carbonate stringer which contains a few masses – up to 3 mm. across – of sphalerite and the odd pyrite crystal up to 4 mm. across. Pyrite also occurs as blebs and fine disseminations however less than 1%. The best concentration of pyrite is over last 4 cm. near the out contact. The out contact is sharp, marked by a shear and cuts core at 10% to C.A.	

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Meterage		Description	Remarks
From	To		
22.5	26.5	<u>PORPHYRITIC ANDESITE</u> : Dark grey, fine grained to aphanitic groundmass with up to 10% 1 mm. to 2 mm. phenocrysts which are light grey to white and dark green to black feldspar and ferromagnesian mineral. The phenocrysts are sub-hedral and anhedral. The ferromagnesian phenocrysts are more abundant than the feldspar ones. Unit is fairly massive and brittle. The in and out margins are chilled over 6-8 cm. The out contact is at 10° to C.A. The whole unit is moderately magnetic. Pyrite occurs as tiny crystals uniformly disseminated throughout (less than 1%).	
26.5	31.0	<u>MINERALIZED ZONE</u> : Similar to 17.5 to 28.8 in Hole LA97-5, except there is only trace of chalcopyrite and very little sphalerite. The unit is a fine grained to aphanitic, silicified basalt, fairly massive and virtually identical to LA97-5, 17.5 to 28.8. The out contact is sharp, marked by a shear and cuts core at 50° to C.A. The mineralization begins at 27.5 m. and is fairly uniform to 31.0. The unit is fairly massive with several widely spaced 5° fractures (non-magnetic).	
31.0	33.6	<u>PORPHYRITIC DIORITE DYKE</u> : Light to medium greenish grey, fine to medium grain equigranular with 5% light grey to creamy colored 1 mm. to 3 mm., sub-hedral and anhedral feldspar phenocrysts. The first 1.0 m. is chilled, the out contact is sharp but jagged across core. Moderately magnetic. Pyrite as 1 mm. to 2 mm. blebs and pinhead specks less than 1% throughout.	
33.6	37.6	<u>ANDESITE</u> : Light to medium green, fine grained, massive, non-magnetic andesite. Occasional widely spaced fracture infilled with from 3 mm. to 1 cm. wide epidote dominantly at 50° to C.A. The whole unit is weakly epidotized. Occasional 2 mm. bleb of pyrite. Contact at 37.6 cuts core at 20° to C.A. – the last 5 cm. is chilled.	
37.6	38.8	<u>DIORITE</u> : Fine to medium grained, medium green, equigranular diorite. Weakly magnetic, occasional 3 mm. sub-hedral, white to creamy feldspar phenocryst. Occasional 4 mm. x 3 mm. bleb of pyrite. A few 2 mm. irregular white calcitic quartz-carbonate stringers with associated epidote alteration.	

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Meterage		Description	Remarks
From	To		
38.8	42.4	<u>DIORITE</u> : Same as 37.6 – 38.8 m. in and out margins are chilled over 30-40 cm., the first and last 6 cm. is dark green to black and aphanitic.	
42.4	45.9	<u>PORPHYRITIC ANDESITE</u> : Dark greenish grey to medium green, fine to medium grained, weakly magnetic groundmass with 2-5% sub-hedral to anhedral 1 mm. to 2 mm. light grey feldspar phenocrysts. Contact at 45.9 m. cuts core at 20° to C.A. The margins do not appear to be chilled.	
45.9	51.4	<u>PORPHYRITIC ANDESITE</u> : Same as 22.5 – 26.5 48.9: 2 cm. dyke 25° to C.A. – similar material 49.8 – 50.6: Inclusions of following unit 51.4: Contact sharp at 20° to C.A.	
51.4	59.6	<u>BASALT</u> : Fine grained to aphanitic, dark green to black, massive basalt with occasional 1 mm. x 2 mm. bleb and tiny specks of pyrite. Fractures at 20° and 40° to C.A. with thin film of smeared pyrite on fracture faces. Unit is moderately to strongly chloritic. No quartz-carbonate throughout. Weakly to moderately magnetic. Out margin chilled over 25 cm.; contact sharp at 50° to C.A.	
59.6	62.6	<u>PORPHYRITIC ANDESITE</u> : Dark grey, fine grained to aphanitic groundmass with dark green to black ferromagnesian and white and light grey feldspar phenocrysts which are sub-hedral and anhedral, make up 8-10% of the rock and range from 1 mm. to 3 mm. across. The unit is non-magnetic and contains the very occasional 2 mm. bleb of pyrite. Widely spaced hairline to 1 cm. White calcitic quartz-carbonate fracture infilling cuts core at 15° to C.A. The in margin is chilled over 5 cm.; the out margin is chilled over 0.5 cm. The out contact cuts core at 55° to C.A.	
62.6	62.9	<u>BASALT (DYKE?)</u> : Fine grained to aphanitic, dark grey to black, massive, non-magnetic basalt. Out contact at 50° to C.A. Chilled over 2 cm.	
62.9	63.8	<u>TUFF</u> : Laminations of dark grey, dark green, pale green tuff. Intensely sheared – close spaced schistose foliation at 45° to C.A. Several irregular discontinuous 2 mm. to 5 mm. white calcitic quartz-carbonate stringers.	

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Meterage		Description	Remarks
From	To		
63.8	66.2	<u>DIORITE</u> : Medium to coarse grained, dark grey and dark green equigranular diorite (gabbroic). Non-magnetic. In contact obliterated by blocky core. In margin chilled over 40 cm. No visible sulfides. Out contact sharp at 50° to C.A. – out margin not chilled.	
66.2	67.5	<u>ANDESITE</u> : Dark grey, medium grained, non-magnetic, weakly chloritic andesite with mottled appearance due to chlorite alteration. Numerous irregular stringers (1 mm. to 3 mm.) of white calcitic quartz-carbonate as fracture infilling. Out contact sharp at 55° to C.A. Out margin is chilled over 10 cm. and over the last 1 cm. is aphanitic and bleached a light grey color.	
67.5	72.4	<u>DIORITE</u> : Dark grey to dark green, medium grained diorite with equigranular texture. Massive non-magnetic. No visible sulfides. Weakly to moderately chloritic. Fractured throughout at 30° and 60° to C.A. – the surfaces of which are coated with chlorite and indicate a vertical movement. Out contact obliterated by blocky core.	
72.4	99.3	<u>BASALT</u>: Dark green to black, fine to medium grained, moderately to strongly magnetic, strongly chloritic basalt. Numerous close spaced shears at 20° to C.A. Over the first 2 m. there are numerous irregular, discontinuous stringers (up to 3 mm.) of white calcitic quartz-carbonate. The unit has a mottled appearance (to 93.6). Beyond 80.7 m. the quartz-carbonate stringer become more abundant. Pyrite as smears on foliation with occasional trace of chalcopyrite, sulfides 1-2% throughout. 74.6 – 75.3: Core badly broken – made up of aphanitic pale green dyke which appears to have cut core at 20° to C.A. Pyrite also occurs as 1 mm. to 3 mm. blebs throughout. 79.0: Beyond this point core becomes more schistose and more badly broken. Slickensides indicate both vertical and horizontal movement. 94.5: Beyond this point schistosity become less intense to practically nil – widely spaced shears at 60° to C.A. Contact at 99.3 is sharp at 40° to C.A.	

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Meterage		Description	Remarks
From	To		
99.3	100.2	<u>DIORITE</u> : Light green, medium grained, massive, brittle diorite. Non-magnetic. In margin is chilled over 1 cm. Out margin is not chilled. Out contact sharp at 9° to C.A. Minor disseminated 2 mm. blebs and pinhead specks of pyrite throughout.	
100.2	109.9	<u>PORPHYRITIC DIORITE</u>: Light green to medium greenish grey, medium grained, equigranular diorite porphyry. Phenocrysts of white, creamy feldspar and dark green to black ferromagnesian minerals, the majority of which are anhedral, whilst some are sub-hedral. Weakly magnetic. 100.2 – 101.8: Chilled margin – fine grained to aphanitic, dark grey groundmass with practically no phenocrysts over first 30 cm. and increasing in abundance with depth. Minor pyrite as disseminated 2 mm. crystals and 1 mm. to 2 mm. blebs throughout. Out contact at 20° to C.A. – not chilled.	
109.9	110.9	<u>ANDESITE</u> : Light green, fine grained, massive andesite. Weakly magnetic. Occasional hairline fracture infilled with white calcitic quartz-carbonate. Occasional pyrite bleb and crystal up to 2 mm. across. Out contact at 110.9 m. cuts core at 7° to C.A. and has 1-1.5 cm. chill margin.	
110.9	136.9	<u>DIORITE</u> : Medium to light grey to light greenish-grey, medium grained. Equigranular weakly magnetic, locally porphyritic with white to light grey sub-hedral and anhedral feldspar phenocrysts to 2 mm. across. Minor widely disseminated 2 mm. bleb of pyrite. Massive and brittle. Widely spaced fractures at 30° to C.A. infilled by white calcitic quartz-carbonate (up to 2 mm.) with associated epidote alteration. Beyond 128.0 m. the unit becomes more porphyritic – ie. becoming a diorite porphyry similar to 100.2 – 109.9. Out contact is sharp at 60° to C.A. and the out margin is chilled over 15 cm.	
136.9	200.3	<u>BASALT</u> : Dark green to black, fine grained to aphanitic, strongly chloritic and strongly magnetic basalt. Fairly massive to 155 m. except for occasional shear and fracture at 35° to 60° to C.A. Widely spaced veinlets and irregular stringers of white calcitic quartz-carbonate (sub mm. to 4 mm.). No visible sulfides to 195.1. (continued next page)	

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Meterage		Description	Remarks
From	To		
136.9	200.3 (cont'd)	The unit has a mottled appearance over short sections throughout. The core becomes more blocky beyond 155.4 m. due to increased schistosity, predominantly at 60° to C.A., however almost at any angle. Shear faces becomes talcous with depth. Beyond 159.5 m. the frequency of white calcitic quartz-carbonate stringers and veinlets (to 4 mm.) increases. 157.3: 14 cm. porphyritic andesite dyke cuts core at 70° to C.A. Both contacts chilled over 1 cm. Dark grey, fine grained to aphanitic groundmass with white to light grey anhedral feldspar phenocrysts up to 2.5 mm. across. 163.6: 35 cm. porphyritic dyke as at 157.3 m. cuts core at 70° to C.A. – both margins are chilled over 3 cm. 164.6: Beyond this point core becomes very blocky locally. 184.9 – 192.2: Very schistose and blocky. At 188.5 there is fault gouge over 10-15 cm. 193.2 – 196.9: Very schistose and blocky. 197.9 – 198.1: Intense close spaced shearing at 70° to C.A. 200.3: Out contact sharp at 70° to C.A.	Beyond 193.0 m. there is a decrease in amount of white calcitic quartz-carbonate. Beyond 195.1 there is pyrite as thin smears on foliation surfaces.
200.3	204.6	<u>HYBRID ANDESITIC MATERIAL:</u> Mixture of fine to medium grained, light green, and light brownish grey, bleached volcanic with short sections of densely amygdaloid rock with buff infilling of vesicles, and dark grey to creamy rock with stretched (flattened) dark green to black ferromagnesian crystals (?) up to 3 mm. x 1 mm. Tight shearing at 70° - 80° to C.A. which has elongated and flattened the amygdules and inclusions. Abundant 1 mm. to 6 mm. veinlets and irregular stringers of white calcitic quartz-carbonate – the veinlets parallel the shearing. There are short sections with concentrations of sub mm. to 1 mm. leucoxene throughout. Beyond 203.7 m. there is no more shearing and the rock becomes massive, with ferromagnesian hornfels (1mm. – 2 mm.) in a pale green fine grained groundmass. Throughout the section there are occasional blebs up to 3 mm. x 2 mm. of pyrite and pyrrhotite, as well as irregular discontinuous stringers up to 2 mm. wide of these sulfides. There is a trace of chalcopyrite. Out contact in distinct at 60° to C.A. (?).	

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Meterage		Description	Remarks
From	To		
204.6	218.7	ANDESITE: Fine grained to aphanitic, light to medium green, non-magnetic andesite flows with widely spaced porphyritic sections up to 20 cm. wide. Abundant calcitic white quartz-carbonate stringers and veinlets (up to 1 cm.) throughout moderate to weakly bleached. Weakly epidotized throughout. Flow banding as noted. Less than 1% sulfides as pyrite and pyrrhotite stringers, blebs and disseminations throughout (up to 6 mm. wide). Trace of chalcopyrite. 213.1: Flow banding at 70° to C.A. 213.2 – 213.5: Highly epidotized. 213.7: Flow banding at 55° to C.A. 215.3: 15 cm. band of moderately epidotized rock at 35° to C.A. 215.7: Flow banding at 50° to C.A. 216.8: 16 cm. vein of highly epidotized quartz-carbonate. Cutting core at 40° to C.A. 218.7: Contact at 45° to C.A. – last 1 cm. is chilled.	
218.7	220.3	ANDESITE: Fine grained, medium green, massive, non-magnetic. Moderately epidotized andesite. Occasional 1 mm. x 3 mm. bleb of pyrite, as well 1 cm. x 4 cm. bleached inclusion. Out contact sharp at 70° to C.A. Very few 1 mm. veinlets of white calcitic quartz-carbonate at 25° to C.A.	
220.3	221.3	AMYGDALOIDAL BASALT: Fine grained to aphanitic dark green to black moderately chloritic groundmass with abundance of rounded to sub-rounded amygdules which have been almost totally replaced by epidote. The amygdules begin at 220.7 and persist to out contact – making up 60% of the unit – range in size up to 1.5 cm. The in margin is chilled over 1 cm. and strongly epidotized over first 30 cm. Pyrite occurs predominantly as irregular stringers up to 3 mm. wide, but also as replacement and small blebs (less than 1%). Out contact sharp at 90° to C.A. <u>The configuration of the amygdules indicate top is down the hole.</u>	

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Meterage		Description	Remarks
From	To		
221.3	224.7	<u>SILICIFIED ANDESITE PORPHYRY DYKE:</u> Aphanitic, dark to medium grey intensely silicified andesite porphyry – (has a strong rhyolite appearance). The phenocrysts dominantly euhedral and sub-hedral with lesser anhedral, make up 3-5% of unit are comprised of white and creamy colored feldspar ranging from 1.5 to 3 mm. across. The in margin is chilled over 40 cm. and is dark grey with dark purplish tinge – fractured with white quartz-carbonate infilling, contains a few 1 mm. to 3 mm. discontinuous irregular stringers of pyrite. Fractures at 70° to C.A. throughout unit. 221.7: 2 cm. pyrite vein cuts core at 70° to C.A. Other than at margin, the unit is void of sulfides. The out contact is sharp, marked by fracture at 35° to C.a. – out margin chilled over 3 cm.	
224.7	227.5	<u>ANDESITE:</u> Fine grained, medium green to greenish-grey, weakly porphyritic with light grey to creamy colored anhedral feldspar phenocrysts up to 4 mm. across. The unit is variably magnetic – very weak to weak throughout. Pyrite occurs as occasional 1 – 3 mm. crystal and bleb. Dominant fracture orientation is 42° to C.A., some of which are infilled with white quartz-carbonate up to 3 mm. across. Out contact obliterated due to blocky core.	
227.5	230.8	<u>BRECCIATED ANDESITE:</u> Tight, tectonic brecciated light green to greenish grey, fine to medium grained andesite with white calcitic quartz-carbonate matrix. Non-magnetic. Minor pyrite as 1 – 3 mm. crystals and coating on fracture faces. Out contact obliterated by blocky core.	228.9 – 229.5: Very blocky
230.8	232.2	<u>ANDESITE:</u> Same as 224.7 – 227.5. Out contact at 40° to C.A. – Out margin chilled over 5 cm.	

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Meterage		Description	Remarks
From	To		
232.2	238.9	<u>MINERALIZED BASALT: 232.2 – 236.9:</u> Fine grained to aphanitic, dark green to black, iron-magnetic basalt, moderately chloritic, containing abundant epidotized inclusions which are rounded to sub-rounded and from 1 cm. to 1.5 cm. in diameter. There is also an abundance of distorted stringers of white and smokey quartz at 20° to C.A. and varying width from 0.5 cm. to 2.5 cm. – there are also irregularly shaped – predominantly sub-rounded knobs of the same material ranging up to 4 cm. x 3 cm. All these different quartz components have varying concentrations of associated epidote. The unit contains pyrite mineralization up to 50% over short sections but on the average 15% to 20%. The pyrite occurs as anastomizing 1 cm. to 2 cm. stringers as well as irregular, discontinuous stringers (up to 1 cm. wide) blebs, and disseminated crystal clusters. The pyrite also is associated with the epidote and quartz components and appears to be replacement locally. <u>236.9 – 237.9:</u> No quartz stringers or knobs and no epidote except for occasion irregular 0.5 cm. stringer. Pyrite content reduced to 3% and occurs as 1 mm. to 4 mm. sized disseminated blebs, as specks and narrow (2 mm.) discontinuous swirly stringers. <u>237.9 – 238.9:</u> Basalt becomes magnetic, has wide spaced fracture infilling of white quartz-carbonate. Pyrite reduced to less than 1% and there are several 4 cm. wide white quartz veins, cutting core at 80° to C.A. which have associated epidote and contain pyrrhotite blebs up to 1.5 cm. across and the pyrite occurs as swirly stringers and appears to have a trace of associated chalcopyrite. The out contact is gradational.	SAMPLED: 234.7 – 235.7 (53135) Representative sample – 30% sulfides
238.9	245.0	<u>BASALT:</u> Fine grained, dark green to dark grey-green, moderately to strongly magnetic. Very minor pyrite as 1 mm. veinlet and specks throughout. Occasional narrow section with small amygdules and the occasional phenocryst. Flow banded as noted. <u>239.4 – 240.4:</u> Flow banding and epidote alteration throughout. Flow banding at 65° to C.A. (continued on next page)	

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Meterage		Description	Remarks
From	To		
238.9	245.0 (cont'd)	240.1 – 240.4: Abundant amygdules replaced by epidote. 241.1: 5 cm. inclusion of pyrite rich magnetic basalt. 242.1 – 242.8: Diabasic dyke cutting core at 70° to C.A. (dark to medium grey, fine to medium grained, weakly porphyritic, weakly magnetic, margins chilled over 3 cm.) 245.0: Out contact sharp at 50° to C.A. – last 30 cm. very fine grained to aphanitic and dark green to black possible chilled.	
245.0	247.2	<u>MINERALIZED ZONE:</u> Dark brown to black, cryptocrystalline intensely silicified groundmass which is very strongly magnetic and somewhat dense. The unit contains 25% sulfides – pyrite and pyrrhotite as blebs up to 2.5 cm. x 4.0 cm.; irregular discontinuous and swirly stringers, fragments and distinct crystals. The pyrite dominates at about 80% of total, the pyrrhotite appears to be replacing the pyrite. There is a black alteration rim – up to 2 mm. wide surrounding the sulfides, otherwise the groundmass has dark brown to blackish brown color. Throughout there are quartz veinlets and quartz-carbonate stringers and veinlets up to 4 cm. wide cutting the core at dominantly 70° to C.A. Out contact appears to be 60° to C.A. however is broken core. Possible shear.	SAMPLE: 245.0 – 246.0 (53136) 246.0 – 247.2 (53137) NOTE: on fresh surface the unit is black rather than brown-black. Has what I call a micro-metallic appearance and luster. This could be massive sulfides with black high iron sphalerite and pyrrhotite in sub-microscopic association. This could well be a sulfide mud or zinc smoker. The black material is not magnetite yet very strongly magnetic and the unit is heavy. It could well be the source of the gravity height on this line – assay results will determine if my suspicions are correct. (*subsequent and assay results indicate no zinc however high iron – still could be sulfide mud – being studied by Dr. D. Wilton at Mun)
247.2	250.3	<u>ANDESITE DYKES (?)</u>: Porphyritic – medium grained, medium to dark green-grey, with 1 mm. to 1.5 mm. white and grey feldspar and dark green sub mm. to 1 mm. ferromagnesian phenocrysts with short sections of 2 mm. to 3 mm. anhedral white feldspar phenocrysts. No visible sulfides – weakly magnetic. 247.2: In margin fine grained – chilled (?) 248.1: Sharp contact at 27° to C.A. – out margin not chilled. In margin – beyond 248.1 is chilled, very fine grained. 5 cm. either side of this point there are 2 mm. veinlets of epidote and calcitic white quartz-carbonate parallel to contact. 248.6 – 249.1: 3% large white feldspar phenocrysts and possible amygdules. 249.9 – 250.2: Same as 248.6 – 249.1 (continued on next page)	

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Meterage		Description	Remarks
From	To		
247.2	250.3 (cont'd)	250.0: 1 cm white quartz vein at 65° to C.A. The out contact is at 37° to C.A. The out margin is finer grained.	
250.3	255.8	<u>DIORITE</u> : Medium to dark grey, medium grained equigranular, massive, moderately magnetic diorite. No visible sulfides. Contact at 255.56 sharp at 40° to C.A.	
255.8	259.6	<u>PORPHYRITIC ANDESITE DYKE</u> : Light to medium grey, fine grained groundmass with 3-5% white anhedral feldspar phenocrysts. Massive. Both margins are chilled, aphanitic over 20 cm. with 2 cm. at contacts a dark grey to black color. Weakly magnetic. Brittle. The unit has a microdioritic texture. No visible sulfides. Out contact sharp at 50° to C.A.	
259.6	263.6	<u>DIORITE</u> : Same as 250.3 – 255.8. Widely spaced fractures at 20° and 50° to C.A. Moderately to strongly magnetic. Becoming coarse grained with depth. 262.4: 4 cm. porphyritic andesite dyke at 25> to C.A. 263.6: Contact sharp at 75° to C.A.	
263.6	265.4	<u>PORPHYRITIC ANDESITE</u> : Same as 255.8 – 259.6. Out contact 40° to C.A. Both margins chilled. The in contact over 10 cm.; the out contact over 22 cm.	
265.4	276.1	<u>DIORITE</u> : Medium to dark green, medium to coarse grained (gabbroic) diorite. Moderately magnetic. Pyrite as 1 mm. to 3 mm. blebs and tiny crystals throughout (less than 1%), some pyrite and pyrrhotite smeared on fracture faces. Widely spaced stringers of white quartz-carbonate up to 3 mm. and veins (up to 4 cm.) cutting core at 20° to C.A. The 4 cm. veins contain angular inclusions of diorite. 273.6 – 275.5: Becomes finer grained over this section as out contact is approached. 275.5 – 276.1: Aphanitic – chilled and bleached over last 10 cm. Out contact at 276.1 sharp. Over last 4 cm. there are several 3 mm. to 5 mm. stringers of white quartz-carbonate.	

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Meterage		Description	Remarks
From	To		
276.1	301.3	BASALT: Fine grained to very fine grained, dark green, massive, moderately to strongly magnetic basaltic andesite. Over first 1.5 m. there are a few widely spaced white calcitic veinlets (up to 4 mm.) cutting core at 15° to C.A. Throughout there are occasional fractures at 20° and 45° to C.A. along some of which there are up to 2 mm. white quartz-carbonate. The only visible sulfides are pyrite hairline fracture filling and as crystals in white calcitic quartz-carbonate veinlets, otherwise there are no visible sulfides. 296.7: 1.5 cm. white calcitic quartz-carbonate vein at 20° to C.A. Contains angular fragments of wall rock. 301.3: Out contact sharp at 55° to C.A.	
301.3	307.1	DIORITE DYKE: Medium grained, medium to dark grey with occasional sub mm. to 3 mm. anhedral light grey feldspar phenocrysts. Moderately magnetic. Minor pyrite as 2 mm. to 4 mm. blebs. Massive. Both margins are chilled aphanitic and distinctly porphyritic as noted. 301.3 – 303.0: In chill margin – initially dark purplish grey becoming dark grey, aphanitic, highly silicified. Distinct anhedral and euhedral phenocrysts (2-3%) of light grey to white feldspar – up to 3 mm. across. Gradational transition from this to the diorite as described. 305.9 – 307.1: Out chill margin – as 301.3 – 303.0 in reverse order. Out contact sharp at 50° to C.A.	
307.1	307.8	BASALT: Similar to 276.1 – 301.3 except that the first 25 cm. is a medium greenish grey due to a 10 cm. inclusion of silicified (90% ±) breccia (rounded to sub-rounded fragments – tightly packed) and 1 mm. to 2 mm. calcite stringers. Contact at 307.8 is marked by a shear at 75° to C.A.	

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Meterage		Description	Remarks
From	To		
307.8	309.6	<u>TUFF AND CHERT:</u> Black, fine grained to aphanitic, non-magnetic basaltic tuff (?), variably silicified with bands (beds?) of chert or 100% silicified basalt as noted. 307.8: 10 cm. chert – dark grey, with 3 cm. pyrite band at 90° to C.A. 308.2: 10 cm. chert – as above – 1 mm. to 2 mm. crystals and short stringers of pyrite. 308.6 – 309.3: Chert – tight breccia – sub-rounded to rounded fragments closely packed which have been either chertified by silicification or is a chert – dark to medium grey. Inter-fragmental 1 mm. to 2 mm. stringers of calcite. Minor pyrite throughout. 309.3 – 309.6: Black basaltic tuff(?) weak to moderately silicified. Minor pyrite blebs and stringers. 309.6: Contact sharp at 70° to C.A.	
309.6	334.8	<u>BASALT:</u> Same as 276.1 – 301.3. In contact chilled over 30 cm. with 1.5 cm. purplish aphanitic material at contact. Beyond 321.7, core becomes very blocky although the unit is still massive – this is due to close-spaced tight fractures at predominantly 55° to C.A. 324.0 – 325.9: Abundant calcitic quartz-carbonate stringers and veins – up to 2 cm. wide at 20° to C.A. This has caused bleaching. 327.8 – 328.2: Bleached due to numerous 1 mm. to 3 mm. white calcitic quartz-carbonate stringers. 331.2: White calcitic quartz-carbonate stringer (with inclusions of wall rock) at 75° to C.A. 334.8: Out contact obliterated due to blocky core.	

Logged By: Allan M. Frew
Hole No. LA97-6 Sheet No. 14 of 14

FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Meterage		Description	Remarks
From	To		
334.8	338.3	<u>PORPHYRITIC BASALT</u>: Dark green to black, fine grained to aphanitic groundmass with 15% dark grey sub-hedral and anhedral feldspar phenocrysts to 3 m. x 4 m., but predominantly 1.5 mm. to 3 mm. Weakly magnetic. No visible sulfides. Occasional 2 mm. to 5 mm. veinlet and stringer of white calcitic quartz-carbonate. 336.3 – 336.8: Very blocky core, highly silicified breccia(?) 336.9 – 338.3: Core left in hole	
	338.3	END OF HOLE	