

Logged By: Allan M. Frew
Hole No. LA97-7 Sheet No. 1 of 17

FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Name of Property: <u>Lake Bond - (RL50)</u>	Meterage	Dip	Azimuth	Meterage	Dip	Azimuth
Hole No. <u>LA97-7</u> Length <u>411.5 M.</u>						
Location <u>North of Lake Bond, Noranda's Grid</u>						
Latitude <u>6500 N</u> Departure <u>5175 E</u>						
Elevation _____ Azimuth <u>(E)</u> Dip <u>-65°</u>						
Started <u>November 6, 1997</u> Finished <u>November 15, 1997</u>						
Core Size <u>BTW</u>						

Meterage		Description	Remarks
From	To		
0	3.0	OVERBURDEN	CASING TO 3.0 m.
3.0	14.0	<u>DIORITE</u>: Light grey, medium grained, weakly magnetic, equigranular diorite. Minor pyrite as 2 mm. to 4 mm. blebs throughout. Massive. Becomes relatively finer grained towards the contact. 13.5 – 14.0: Fine grained out margin – medium greenish grey last 5 cm. is aphanitic – chilled. Out contact is at 43° to C.A.	
14.0	17.3	<u>PORPHYRITIC ANDESITE</u>: Fine grained to very fine grained, dark grey to medium grey-green groundmass with 3-5% 1 mm. to 3 mm. medium to light grey sub-hedral and anhedral feldspar phenocrysts. Non-magnetic. Minor pyrite as thin film on fracture faces. Occasional 2 mm. to 3 mm. veinlet of white calcitic quartz-carbonate at 55° to C.A. First 60 cm. and last 1.0 m. is low in phenocrysts – chilled (?) 16.1: Cluster of 2 cm. x 3.5 cm. pyrite blebs. 17.3: Out contact sharp, marked by shear at 65° to C.A.	

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Meterage		Description	Remarks
From	To		
17.3	(31.4)	<u>SYENITE:</u> Margins are porphyritic – core is brick red weakly porphyritic. 17.3 – 18.3: In margin dark grey to black with purplish tinge progressively becoming dark to medium grey; very fine grained to fine grained groundmass with 15-25% white to light grey to pink feldspar phenocryst up to 4 mm. The majority of the phenocrysts are euhedral with the remainder about 50/50 sub-hedral and anhedral. 18.3 – 23.0: The groundmass becomes progressively more brick-red from medium purplish grey. 23.0 – 26.4: Brick-red fine grained groundmass with less than 5% sub-hedral and anhedral phenocrysts. 26.4 – 30.5: Same as 18.3 – 23.0 30.5 – 31.4: Same as 17.3 – 18.3 The whole unit is weakly to very weakly magnetic. Out contact sharp at 55° to can.	Most likely a dyke – however could be a sill.
31.4	44.7	<u>DIORITE:</u> Fine to medium grained, dark grey, equigranular, weakly magnetic diorite. At both margins the unit is fine grained and progressively gets coarser towards the center as indicated below. Massive throughout. Occasional 2 mm. light grey to white sub-hedral feldspar phenocryst. No visible sulfides. 31.4 – 33.1: Fine grained 33.1 – 43.4: Medium grained 43.4 – 44.7: Fine-grained. Last 8 cm. is aphanitic – chilled. 44.7: Out contact sharp at 55° to C.A.	
44.7	46.6	<u>ANDESITE:</u> Aphanitic to very fine grained, dark grey. Strongly silicified. Non magnetic. 45.2 – 45.7: Fine grained, moderately chloritic andesite dyke at 55° to C.A. Minor pyrite as smears on foliation and 1-2 mm. blebs. 45.9: 1 cm. white calcitic quartz-carbonate vein at 80° to C.A. 45.7 – 46.5: Several randomly oriented 2 mm. white calcitic quartz-carbonate stringers causing bleaching. (continued on next page)	

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Meterage		Description	Remarks
From	To		
44.7	46.6 (cont'd)	46.6: Out contact marked by shear at 57° to C.A.	
46.6	47.4	<u>BASALT</u> : Fine grained, dark green to black, mottled appearance, highly magnetic basalt. Occasional 1 mm. to 3 mm. irregular white calcitic quartz-carbonate stringers. Out contact sharp at 90° to C.A. Moderately to strongly chloritic.	
47.4	52.1	<u>ANDESITE PORPHYRY (DYKE?)</u> : Medium grained, medium to light grey massive andesite porphyry with 8-10% light grey to white anhedral feldspar phenocrysts up to 3 mm. across. Non-magnetic. Contains less than 1% pyrite as disseminated pinheads and 2 mm. to 3 mm. blebs. In margin is chilled over 5 cm., out margin chilled over 2 cm. Out contact marked by shear at 63° to C.A.	
52.1	60.3	<u>BASALT</u> : Same as 46.6 – 47.4; numerous stringers (up to 3 mm.) of white calcitic quartz-carbonate irregularly cutting across core as well as along core. Widely spaced shears at 55° to C.A. 56.1 – 57.9: Blocky core 60.3: Out contact sharp at 55° to C.A.	
60.3	63.0	<u>ANDESITE DYKE</u> : Fine grained to aphanitic, medium greenish-grey, non-magnetic. Minor pyrite as small filmy patches on fracture faces. 60.8 – 61.4: Flow brecciation. In and out margins chilled – aphanitic – over 6 cm. Out contact sharp at 55° to C.A.	
63.0	63.45	<u>BASALT</u> : Same as 52.1 – 60.3 – Out contact sharp marked by shear at 76° to C.A.	
63.45	63.75	<u>ANDESITE PORPHYRY</u> : Same as 60.3 – 63.0. out contact marked by shear at 75° to C.A.	

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Meterage		Description	Remarks
From	To		
63.75	64.9	<u>BASALT</u> : Same as 52.1 – 60.3. Out contact marked by shear at 40° to C.A.	
64.9	67.0	<u>ANDESITE DYKE</u> : Same as 60.3 – 63.0. Occasional white sub-hedral and anhedral feldspar phenocryst up to 4 mm. across throughout with clusters at both contacts. Both margins chilled – aphanitic over 3-4 cm. Out contact sharp, marked by fracture at 40° to C.A.	
67.0	67.4	<u>BASALT</u> : Same as 52.1 – 60.3. Out contact obliterated by broken core.	
67.4	67.7	<u>ANDESITE PORPHYRY</u> : Same as 63.75 – 64.9. Contact obliterated by blocky core.	
67.7	68.8	<u>ANDESITE DYKE</u> : Same as 63.45 – 63.75. Out contact sharp at 80° to C.A.	
68.8	73.2	<u>BASALT</u> : Same as 52.1 – 60.3. 68.9 – 69.4: Andesite porphyry dyke cutting core at 60° to C.A. Out contact sharp at 40° to C.A.	
73.2	79.4	<u>DIORITE</u> : Mixture of medium to dark green and medium grey, medium grained, equigranular, massive. Weakly magnetic. Minor pyrite as tiny crystals and blebs. In margin is chilled across 3-4 cm. Out contact sharp, irregular at 10° to C.A.	
79.4	82.4	<u>ANDESITE</u> : Fine grained to aphanitic, medium to dark green, weakly to moderately magnetic, massive, weakly to moderately silicified near in margin. Brittle. Porphyritic locally. Minor pyrite as small patches on fracture faces. Wide spaced fractures at 33° to C.A. Weakly to moderately chloritic. Out margin chilled over 6 cm. Out contact sharp at 23° to C.A.	

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Meterage		Description	Remarks
From	To		
82.4	82.7	<u>DIORITE</u> : Same as 73.2 – 79.4. Out contact irregular at 10° to C.A.	
82.7	84.4	<u>BASALT</u> : Fine grained to aphanitic, dark green to black. Strongly chloritic. Sheared at numerous angles to C.A. Chlorite coating shear faces. Moderately magnetic. Minor pyrite, particularly on shear faces. Mottled. Moderately blocky. Out contact sharp, marked by shear at 33° to C.A.	
84.4	85.8	<u>DIORITE</u> : Same as 73.2 – 79.4. In margin chilled across 10 cm. Out margin not chilled. Out contact sharp at 45° to C.A.	
85.8	90.1	<u>ANDESITE DYKE</u> : Medium green, fine grained – porphyritic with 2 – 3 mm. light grey anhedral feldspar phenocrysts ~ 5%. In margin chilled over 20 cm. Out margin chilled over 13 cm. Moderately magnetic. Occasional 2 mm. to 4 mm. bleb of pyrite. Out contact sharp at 45° to C.A.	
90.1	90.5	<u>DIORITE</u> : Same as 84.4 – 85.8. In margin not chilled; out margin chilled over 20 cm. Unit is weakly porphyritic – anhedral white feldspar phenocrysts up to 2 mm. across. Out contact sharp – jagged at steep angle to C.A. marked by shearing.	
90.5	93.0	<u>BASALT</u> : Same as 82.7 – 84.4. Mottled. Out contact sharp – jagged at steep angle to C.A.	
93.0	94.3	<u>DIORITE</u> : Same as 90.1 – 90.5. In margin chilled over 10 cm. Out margin not chilled. Out contact sharp at 40° to C.A.	
94.3	94.6	<u>DIORITE</u> : Same as 93.0 – 94.3. In margin chilled over 6 cm. Out margin not chilled. Out contact sharp at 30° to C.A.	
94.6	96.4	<u>ANDESITE DYKE</u> : Same as 85.8 – 90.1. In and out margins chilled over 10 cm. Out contact sharp at 70° to C.A.	

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Meterage		Description	Remarks
From	To		
96.4	97.0	<u>DIORITE</u> : Same as 94.3 – 94.6. No chilled margins. Out contact sharp, irregular at about 60° to C.A.	
97.0	99.1	<u>ANDESITE DYKE</u> : Fine grained, light green, weak epidote and calcite alteration. Moderately to strongly magnetic due to pyrrhotite which occurs as blebs up to 5 mm. wide. Pyrite also present as 1 mm. to 3 mm. blebs disseminated throughout. Sulfide content less than 1% overall. Stringer and veinlets of epidote up to 2 mm. wide. The in and out margins are chilled to very fine grained to aphanitic over 10 cm. Towards the center of the dyke the grain size is coarse and dioritic in appearance. Out contact sharp, irregular at about 20° to C.A.	
99.1	99.6	<u>ANDESITE DYKE</u> : Dark green, fine grained, massive. Weakly chloritic, weakly magnetic. In and out margins chilled for 5 cm. and contain sub-hedral, dark green ferromagnesian phenocrysts (2 mm.). Minor finely disseminated pyrite pinheads. Out contact sharp, irregular at 10-15° to C.A.	
99.6	100.6	<u>BASALT</u> : Fine grained to aphanitic, dark green to black, moderately to strongly magnetic, strongly chloritic. No visible sulfides. Out contact sharp at 55° to C.A.	
100.6	105.9	<u>DIORITE</u> : Same as 96.4 – 97.0. Gabbroic. Medium to coarse grained. In and out margins chilled over 5 cm. Occasional 1 mm. stringer of white calcitic quartz-carbonate. 105.7: 1.5 cm. epidote vein at 45° to C.A. 105.7 – 105.9: Several hairline veinlets of epidote. Out contact sharp at 45° to C.A.	
105.9	106.9	<u>DIORITE</u> : Fine to medium grained, dark grey, equigranular, weakly magnetic. About 1% finely disseminated pyrite (1mm. to 2 mm.) crystals and blebs. Occasional 1 mm. to 3 mm. veinlet of white calcitic quartz-carbonate. Out contact sharp at 60° to C.A. followed by 5 cm. brick red aplite dykelet.	
106.9	109.9	<u>DIORITE</u> : Granodioritic(?). Dark grey, medium grained hematitic stained, weakly magnetic. Minor 1 mm. pyrite crystals. Pink feldspar phenocrysts scattered throughout. (continued on next page)	

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Meterage		Description	Remarks
From	To		
106.9	109.9 (cont'd)	107.2 – 108.0: Several irregular stringers and veins of comb structured epidote from 4 mm. to 1 cm. wide. 108.1: 10 cm. breccia zone 108.2: 4 cm. white quartz-carbonate (calcitic) and clear quartz vein at 40° to C.A. followed after 3 cm. by a parallel 2 cm. vein of same material and at same angle. Out margin chilled to aphanitic over 17 cm. Out contact cuts core at 35° to C.A.	
109.9	116.1	<u>BASALT</u> : Dark green to black, very fine grained to fine grained, strongly chloritic, strongly magnetic. Widely spaced, 2 – 4 mm. white calcitic quartz-carbonate stringers and veinlets at 50-55° to C.A. Out contact at 85° to C.A.	
116.1	123.8	<u>ANDESITE DYKE</u> : Fine to medium grained, dark to light green, even textured weakly to moderately magnetic andesite. Over the first 0.9 m. and last 2.20 m. the unit is dark green, fine grained, becoming progressively light color and coarser grained towards the center. The central portion is also weakly porphyritic with less than 1% sub-hedral to anhedral phenocrysts of white feldspar – 1 mm. to 2 mm. across. The unit is weakly magnetic in the center and moderately magnetic where darker colored, and has a dioritic appearance. Massive and brittle. The in and out margins are chilled across 7 and 13 cm. respectively. Minor pyrite as 1 mm. to 2 mm. blebs throughout. Out contact sharp at 30° to C.A. Both contacts marked by shear.	118.8 – 119.7: Auto brecciation
123.8	126.3	<u>DIORITE</u> : Same as 100.6 – 105.9. Out margin chilled over 13 cm., out contact at 48° to C.A.	
126.3	129.6	<u>BASALT</u> : Fine grained to aphanitic, dark green to black, moderately to strongly magnetic. Moderately silicified, moderately to strongly chloritic. Minor pyrite disseminated throughout as sub mm. and 1 mm. crystals and specks. Irregular hairline white calcitic quartz-carbonate stringers – widely spaced. Flow banding at 126.5 cuts core at 87° to C.A. Towards 129.6 fractures/shears coated with chlorite. Out margin is brecciated across 10 cm., contact sharp at 40° to C.A.	

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Meterage		Description	Remarks
From	To		
129.6	134.3	<u>RHYOLITE (?) PORPHYRY DYKE:</u> Aphanitic, medium brownish grey, porphyritic with dark green ferromagnesian Sub mm. to 1 mm. anhedral phenocrysts as well as lesser white feldspar phenocrysts - (the dark green phenocrysts could be hornfels). Non magnetic. Brittle. Highly siliceous. The phenocrysts are up to 10% by volume. Occasional 1 mm. to 3 mm. irregular discontinuous stringer of white quartz-carbonate. No visible sulfides. 131.1 – 131.4: Inclusion of preceding unit 132.2 – 132.6: Inclusion of preceding unit The dark green hornfels are near the in and out contacts and the boundaries of the inclusions, otherwise there are only white and dark grey feldspar phenocrysts. Both margins are chilled over 20 cm. – the out contact is sharp at 30° to C.A.	This unit could be a highly silicified andesite porphyry. Thin section will tell.
134.3	201.7	<u>BASALT:</u> Same as 126.3 – 129.6. Tight brecciation throughout with dark green to black chlorite matrix. 134.3 – 135: Contact breccia with abundant, calcitic white quartz-carbonate stringers up to 1.5 cm. – also as matrix. The unit has been intruded by several dykes of the 129.6 – 134.3 rock. Near all intrusive contacts, the basalt is brecciated and there is white calcitic quartz-carbonate stringers. Also near the contacts there are shears coated with talcous chlorite and quartz-carbonate. Occasional 2 mm. to 4 mm. pyrite bleb as well as foliation smears. 137.8 – 140.3: Porphyritic dyke – same as 129.6 – 134.3. In contact at 20° to C.A. Out contact at 60° to C.A. Inclusion of basalt – 139.2 – 139.6. 145.3 – 146.7: Same as 137.8 – 140.3. In contact at 60° to C.A. Out contact at 25° to C.A. This basalt not silicified and has a mottled appearance throughout and predominantly strongly magnetic. 153.9 – 155.7: Andesite porphyry dyke – dark grey, fine grained to aphanitic groundmass with 10% sub-hedral and anhedral white and light grey feldspar phenocrysts (1 mm. to 2 mm.). Non-magnetic. No visible sulfides. In and out contacts sharp at 55° to C.A. Both margins chilled over 3 cm. (continued on next page)	

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Meterage		Description	Remarks
From	To		
134.3	201.7 (cont'd)	162.1: Beyond here there are numerous, low angle fractures and shears causing core to be very blocky. The unit is fractured throughout at predominantly 60° to C.A. (except as noted). 168.5 – 170.2: Here rock is intensely sheared with smeared pyrite on foliation surfaces. Very talcous shear surfaces and strongly magnetic. 169.0 – 169.3: Light grey to cream quartz-carbonate vein at 90° to C.A. 168.5 – 177.7: Very blocky core 178.3 – 180.4: Very blocky core. Throughout unit there is occasional 0.5 to 1.0 cm. discontinuous stringers of white quartz-carbonate. 181.1 – 181.3: Very schistose – blocky 181.8 – 182.9: Schistose and very blocky 184.5: 15 cm. very strongly schistose (fault) 184.5 – 186.3: Very blocky. 185.0 – 185.9: 10 cm. lost core. 186.0: 5 cm. fault gouge – intense tight shearing. Fault at 90° to C.A. 186.3: beyond here rock is not quite so blocky. 188.6: 2 cm. grey quartz-carbonate vein-brecciated, sharply angular fragments – about 60° to C.A. 198.7: Beyond here unit is fairly massive. Out contact sharp at 60° to C.A. marked by shear.	Fault zone.
201.7	263.4	ANDESITE: Light to medium grey-green, fine grained. Moderately epidotized, variably silicified. Fragments and bands throughout up to 4 cm. wide which are light greenish-cream to light apple green which are moderately to weakly epidotized. Non-magnetic. Occasional angular to sub-angular fragment of dark green, moderately chloritic andesite up to 4 cm. across. Irregular discontinuous and anastomizing white to grey quartz-carbonate stringers and veinlets (up to 1.5 cm. across) in moderate to fair abundance throughout. The unit has been variably bleached to greenish-cream color throughout. Pyrite occurs as replacement blebs, disseminations and stringers up to 1 cm. across throughout but overall constitutes less than 2%. Chalcopyrite occurs as occasional speck, and 3 mm. to 5 mm. bleb. (continued on next page)	

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Meterage		Description	Remarks
From	To		
201.7	263.4 (cont'd)	214.5 – 215.4: Light to medium green, fine to medium grained diorite dyke. Epidotized. 2% disseminated pyrite – sub mm. to 1.5 mm. Both margins chilled over 5-6 cm. Cuts core at 55° to C.A. 215.4 – 216.2: Medium to light grey, fine grained andesite. Intensely fractured at numerous angles over first 30 cm. – fracture infilling with white quartz-carbonate (up to 3 cm.) section bleached and strongly silicified. Minor finely disseminated pyrite specks throughout. 216.2 – 216.8: Diorite dyke – strongly bleached – moderately epidotized, less than 1% pyrite as 1 mm. to 2.5 mm. stringers. Cuts core at 78° to C.A. 216.8: Beyond here returns to main description – to 221.3 marked increase in the creamy and greenish-creamy bleached and epidotized quartz-carbonate bands, fragments (sub-rounded) and veins, most of pyrite replacement is associated with this quartz-carbonate. 221.3 – 222.1: Fine grained to very fine grained silicified andesite dyke. In and out margins chilled over 6 cm., in contact sharp at 45° to C.A. Out contact blocky. 222.9 – 223.8: Andesite porphyry dyke – minor pyrite replacement of phenocrysts at 223.8 chilled margin over 5 cm., cuts core at 70° to C.A. 231.9: Beyond here the groundmass becomes more chloritic and there are up to 2 cm. wide amygdaloidal sections – the amygdules have been filled with white to grey feldspar and/or quartz-carbonate which is now almost completely replaced by epidote. The epidotization is restricted to the quartz-carbonate knobs, bands, veins and stringers without much epidote alteration of the groundmass.	Most of the pyrite stringers and larger blebs are aggregates of poorly developed crystal masses. Beyond 231.9, the pyrite content increases to 3-5%, mostly as replacement.
		249.4 – 250.8: Amygdaloidal – 25-30% - up to 1 cm. across the majority are from 3 mm. to 4 mm. 252.1 – 252.4: Amygdaloidal – 10% - 3 mm. to 5 mm. 253.2 – 253.5: Amygdaloidal – 15% - 3 mm. to 1 cm. 253.7 – 254.6: Amygdaloidal – 15-20% - 2 mm. to 4 mm. 257.0 – 257.3: Amygdaloidal – 25% - 1.5 mm. to 3 mm. 257.8: Flow contact at 32° to C.A. (continued on next page)	

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Meterage		Description	Remarks
From	To		
201.7	263.4 (cont'd)	257.8 – 259.1: Amygdaloidal – 10% - 2 mm. to 4 mm. 260.7 – 261.7: Several randomly oriented white quartz veins up to 6 cm. across containing replacement pyrite with greatest concentration at boundaries. 263.4: Out contact at 55° to C.A.	
263.4	264.6	<u>BASALT DYKE</u> : Aphanitic, black, strongly silicified, moderately magnetic, massive. Minor pyrite. Very brittle. Out contact obliterated by blocky core. Pyrite as 2 mm. crystals and one 0.5 – 1 cm. stringer.	
264.6	268.5	<u>BASALT</u>: Fine grained to aphanitic, dark grey-green to black, moderate to strongly chloritic. Weakly magnetic. Less than 1% pyrite as irregular stringers, blebs and disseminations. Stringers and blebs up to 1.5 cm. wide. 265.9 – 266.4: Flow breccia – strongly silicified fragments in black matrix. 267.5: 9 cm. x 4 cm. rounded fragment of white quartz- surrounded by zone of up to 2 cm. wide of epidote replacement. 267.8 – 268.1: Numerous white quartz stringers up to 1.5 cm. wide – unit is strongly silicified. 268.5: Out contact marked by fracture at 40° to C.A.	
268.5	270.7	<u>BASALT DYKE</u>: Aphanitic, black, weakly to moderately magnetic. Several 1 cm. wide white quartz carbonate veins over first 30 cm. as well as hairline stringers causing bleaching. Minor disseminated pyrite specks. 269.5 – 270.0: Similar to 268.5 – 268.8 – all veins at 40° to C.A. 270.0 – 270.7: Tight breccia with white calcitic quartz-carbonate as matrix. Some shearing with chlorite. Out contact marked by shear at 50° to C.A.	
270.7	286.2	<u>DIORITE</u> : Medium to light grey, medium grained, equigranular, moderately magnetic. Weak to moderately porphyritic with 2 mm. sub-hedral and anhedral white and grey feldspar phenocrysts. Minor pyrite as 1 to 2 mm. blebs and tiny specks throughout. Widely spaced stringers (2 mm. to 4 mm.) and veinlets of white calcitic quartz-carbonate throughout. (continued on next page)	

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Meterage		Description	Remarks
From	To		
270.7	286.2 (cont'd)	270.7 – 271.7: Finer grained contact – chilled over 6 cm. 283.6: Begins to become finer grained, less porphyritic, silicified. 284.9 – 286.2: Highly siliceous, aphanitic, chilled margin, hornfels over last 40 cm. Out contact sharp at 30° to C.A. Numerous white quartz-carbonate stringers over last 10 cm.	
286.2	295.2	SILICIFIED BASALT: Dark grey to black, intensely silicified basalt with 85-100% silicification. Cherty looking but not a chemical sediment. Remnant primary textures such as amygdules evident. Predominantly black color except as noted. Short sections of tight brecciation throughout and widely spaced irregular discontinuous and anastomizing white quartz-carbonate stringer. Up to 2% sulfides as predominantly pyrite and to a lesser extent, pyrrhotite as wispy stringers, amygdule replacement and disseminated, crystals throughout. The unit is non-magnetic except for pyrrhotite. 287.4: 9 cm. light to medium grey, 100% silicification tight breccia at 60° to C.A. 287.8 – 288.1: Medium to dark grey – 100% silicification – breccia 290.8 – 292.1: Medium grey – 100% silicification – breccia 292.7 – 293.4: Same as 290.8 – 292.1 293.4 – 293.8: Remnant flow banding at 75° to C.A. 294.5: Flow contact at 33° to C.A. 295.2: Contact sharp at 45° to C.A.	Same as LA97-1
295.2	299.0	SILICEOUS ZONE: 100% silicification – light grey to white silicified breccia with narrow 2 mm. to 4 mm. dark grey to black inter-fragmental chlorite. No primary volcanic textures preserved. Minor pyrite as fracture face coating and irregular discontinuous stringers up to 3 mm. wide. Out contact at 45° to C.A.	
299.0	302.9	SILICIFIED BASALT: Dark grey to black, aphanitic basalt, which has been intensely, silicified 70 – 90%. Essentially massive except for short section (299.0 – 300.3) which is fragmental with sub-rounded to rounded light-creamy grey quartz-carbonate fragments up to 7 cm. x 3.5 cm. in a black silicified matrix. The unit is weakly chloritic and has shearing and fracturing parallel to C.A. Up to 2% pyrite with lesser pyrrhotite occurs as thin film on fracture faces and as wispy stringer and occasional bleb up to 4 mm. across. 301.6 – 301.9 and 302.7 – 302.9 has up to 5% similar sulfides. The unit is non-magnetic except where pyrrhotite is present. Out contact marked by shear at 80° to C.A.	

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Meterage		Description	Remarks
From	To		
302.9	305.1	<u>PORPHYRITIC ANDESITE DYKE</u> : Dark grey, fine grained groundmass with 5-10% dark green ferromagnesian and white feldspar sub-hedral and anhedral 1 mm. to 3 mm. phenocrysts. Moderately silicified. Weakly to moderately magnetic. Minor pyrite as specks. In margin chilled over 5 cm.; out margin chilled over 10 cm. Out contact sharp at 50° to C.A.	
305.1	306.4	<u>DIORITE</u> : Medium to dark greenish-grey to dark green, medium grained, equigranular diorite. Non-magnetic. Minor pyrite as disseminated specks throughout. Beyond 306.0 m. becomes fine grained. 306.2: 5 cm. inclusion of porphyritic basalt. 306.3 – 306.4: Chilled margin – aphanitic – black 306.4: Out contact sharp at 40° to C.A.	
306.4	307.2	<u>PORPHYRITIC BASALT(?)</u> : Aphanitic, dark grey to black. Strongly silicified groundmass containing 3-5% white sub-hedral and anhedral feldspar phenocryst – up to 4 mm. x 1 mm. (Rhyolite looking). 306.9 – 307.2: Chilled margin. Contains several 1-2 mm. wide pyrite stringers. Out contact blocky core.	
307.2	310.7	<u>BASALT</u> : Fine to medium grained, dark grey to black. Weakly silicified, moderately to strongly magnetic. Blocky core. Dioritic looking locally. Moderately chloritic. Blocky core. 307.2 – 307.5: Brecciated – angular fragments in black chloritic groundmass. No visible sulfides. 309.0: Schistose over 6 cm. Shearing at 85 to 90° to C.A. Wide spaced fractures at 30° to C.A. Out contact blocky core.	

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FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Meterage		Description	Remarks
From	To		
310.7	311.8	TUFF: Black basaltic tuff with flattened white quartz-carbonate stringers and knots. Mylonitic. Tight schist with schistosity at 75° to C.A. Moderately magnetic. Very blocky core. Throughout section there is 0.4 m. lost core. 311.1: Fault gouge. Out contact blocky.	
311.8	313.3	BASALT: Same as 307.2 – 310.7. Out contact marked by shear at 75° to C.A. Core is very blocky. Occasional 2 mm. to 4 mm. white quartz-carbonate stringer. 312.5: 15 cm. inclusion (?) of following unit.	
313.3	315.6	PORPHYRITIC BASALT(?) DYKE: Similar to 306.4 – 307.2, non-magnetic. Moderately to strongly silicified. Very blocky. 315.3 – 315.6: Chilled margin. Out contact blocky core.	
315.6	316.1	BASALT: Aphanitic, blocky. Amygdaloidal with amygdules up to 6 mm. across. Weakly to moderately silicified. Blocky. Non-magnetic. Quartz-carbonate stringers up to 4 mm. wide concentrated near out contact, which is marked by shear at 77° to C.A.	
316.1	325.5	DIORITE: Dark grey to black over first 3.5 m. becoming dark to medium grey. Weakly magnetic. Minor pyrite as specks and tiny crystals. 316.1 – 319.6: Chill margin – fine grained to aphanitic becoming fine grained. 319.6 – 323.8: Medium grained. 323.8: Contact sharp at 60° to C.A. Out margin not chilled. 323.8 – 324.9: Andesite (?) dyke – porphyritic, dark grey groundmass with 2-4% anhedral white feldspar phenocrysts up to 2 mm. across. Both margins are chilled; in over 30 cm.; out over 10 cm. Weak to moderately magnetic. Out contact at 45° to C.A. marked by 13 mm. quartz-carbonate vein. 325.5: Contact sharp at 30° to C.A.	Fairly massive unit.

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FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Meterage		Description	Remarks
From	To		
325.5	326.3	<u>DIORITE</u> : Same as 316.1 – 319.6. Out contact sharp at 50° to C.A.	
326.3	326.9	<u>ANDESITE PORPHYRY</u> : Same as 323.8 – 324.9. Out margin chilled over 1 cm. – contact at 65° to C.A.	
326.9	328.3	<u>DIORITE</u> : Same as 325.5 – 326.3 – contact at 23° to C.A.	
328.3	332.2	<u>PORPHYRITIC DIORITE</u> : Dark grey groundmass with 10% anhedral white feldspar phenocrysts to 4 mm. across, weakly magnetic – minor pyrite as small crystals and specks. Out margin chilled over 16 cm. Contact at 45° to C.A.	
332.2	333.0	<u>PORPHYRITIC DIORITE</u> : Same as 328.2 -- 332.2 – In margin chilled over 20 cm. Contact is shear at 45° to C.A.	
333.0	335.3	<u>DIORITE</u> : Weakly porphyritic (less than 1% phenocrysts), dark grey, fine grained groundmass. Occasional amygdale to 4 mm. across infilled with white and light grey feldspar (?). Appears to be chilled over last 4 cm. Contact at 40° to C.A.	
335.3	335.8	<u>DIORITE</u> : Similar to 325.5 – 326.3. Out contact sharp at 30° to C.A.	
335.8	338.0	<u>DIORITE</u> : Same as 333.0 – 335.3 – out margin chilled over 16 cm. Contact sharp at 75° to C.A.	
338.0	346.6	<u>PORPHYRITIC DIORITE</u> : Same as 328.3 to 332.2. Coarser grained – out margin chilled over 10 cm., contact sharp at 40° to C.A.	
346.6	344.8	<u>DIORITE</u> : Same as 335.8 – 338.0. Out contact sharp at 40° to C.A.	
344.8	346.8	<u>PORPHYRITIC DIORITE</u> : Similar to but a little finer grained and fewer phenocrysts than 338.0 – 346.6. In margin is chilled over 10 cm. Out contact at 22° to C.A.	

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FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Meterage		Description	Remarks
From	To		
346.8	347.7	<u>ANDESITE DYKE</u> : Aphanitic, dark grey to black, massive. Moderately magnetic. A few hairline veinlets of epidote and quartz-carbonate. Out contact marked by fracture at 20° to C.A. Epidote alteration and bleaching over last 7 cm.	
347.7	375.4	<u>DIORITE</u>: Same as 338.0 – 346.6 with finer grained sections at 350.5 – 353.5. Widely spaced fractures infilled with epidote at 35° to C.A. Beyond 356.6 becomes predominantly fine grained with occasional coarser section. Uniform texture, massive, moderately to strongly magnetic. 360.4: 2.5 cm. white quartz-carbonate vein at 55° to C.A. 364.3: Beyond here there are numerous low angle (10-15°) white calcitic quartz carbonate veins and stringers up to 3.0 cm. wide. 367.8 – 368.4: Numerous stringers and veins (up to 4 mm.) of white quartz-carbonate and calcite causing bleaching. 370.1: Narrow stringers and veins of white quartz-carbonate, calcite and epidote. 372.9 – 373.7: Here there is minor pyrite associated with the stringer and vein infilling. 370.3 – 371.5: Dark grey, aphanitic, strongly magnetic basalt dyke cuts core at 40° to C.A. Hornfels at both margins for 10 cm. – dark green ferromagnesian mineral to 2.5 mm. The diorite is highly siliceous for 20 cm. on either side of dyke. Last 1.0 m. is silicified. The out margin is chilled over 20 cm. Contact marked by fracture at 30° to C.A.	
375.4	381.9	<u>SILICIFIED ANDESITE</u> : Fine grained to aphanitic, dark grey to black, non-magnetic. Strongly silicified to 70%. Remnant igneous textures – amygdules and phenocrysts. Hairline fracture filling of epidote has caused bleaching over short sections. No visible sulfides. Contact is fracture at 40° to C.A.	

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FIRST LABRADOR RESOURCES LTD.
DIAMOND DRILL RECORD

Meterage		Description	Remarks
From	To		
381.9	387.1	<u>PORPHYRITIC ANDESITE</u> : Dark grey, fine grained groundmass with 1-2% white and light grey 1 mm. to 2.5 mm. feldspar phenocrysts – the majority of which is anhedral with a few sub-hedral; weakly magnetic. Strongly silicified. Numerous hairline stringers and veinlets of epidote. The in contact is chilled over 10 cm. There are chilled margins at 384.9 (10 cm., 35°), 386.2 (15 cm. at 55°) and 386.7 – 387.1 at 62° to C.A.	
387.1	393.2	<u>SILICIFIED ANDESITE</u> : Dark grey, aphanitic, 80-100% silicification of an andesite flows. Breccia over first 2.0 m. Pyrite specks and narrow stringers. Very blocky core. Numerous hairline white quartz-carbonate stringers. Some bleaching, non-magnetic.	
393.2	403.8	<u>ANDESITE</u> : Dark grey to black. Fine grained to aphanitic. Weakly porphyritic over short sections. Weakly magnetic. Minor pyrite as specks. Weakly to moderately silicified. Contact at 403.8 cuts core at 60° to C.A.	
403.8	406.5	<u>SILICIFIED BASALT</u> : Aphanitic, strongly silicified (70-80%) dark grey to black with maroon bands at 404.9 – 405.3, 405.55 – 405.75 at 60° to C.A. This unit is massive except for 1-2 mm. white quartz-carbonate stringers and veinlets.	
406.5	411.5	<u>SILICEOUS ZONE</u> : Up to 100% silicification of andesite – aphanitic, cherty, fragmental (breccia?) and medium grey – with some bleaching to 408.4. Massive andesite (black) – with a few 15 cm., bleached sections to end of hole. Some chlorite on fracture faces. No obvious sulfides.	
	411.5	<u>END OF HOLE</u>	