

Logged By: Allan M. Frew  
Hole No. LA97-2 Sheet No. 1 of 16

FIRST LABRADOR RESOURCES LTD.  
**DIAMOND DRILL RECORD**

|                                                                 |          |      |         |          |     |         |
|-----------------------------------------------------------------|----------|------|---------|----------|-----|---------|
| Name of Property: <u>Lake Bond</u>                              | Meterage | Dip  | Azimuth | Meterage | Dip | Azimuth |
| Hole No. <u>LA97-2</u> Length <u>322.8 M.</u>                   | 320      | -89° |         |          |     |         |
| Location <u>North of Lake Bond, Noranda's Grid</u>              |          |      |         |          |     |         |
| Latitude <u>6600N</u> Departure <u>5300E</u>                    |          |      |         |          |     |         |
| Elevation _____ Azimuth _____ Dip <u>-90°</u>                   |          |      |         |          |     |         |
| Started <u>October 7, 1997</u> Finished <u>October 13, 1997</u> |          |      |         |          |     |         |
| <i>CORE SIZE BTW</i>                                            |          |      |         |          |     |         |

| Meterage |      | Description                                                                                                                                                                                                                                                                                                                                  | Remarks |
|----------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To   |                                                                                                                                                                                                                                                                                                                                              |         |
| 0        | 6.1  | Overburden (Casing to 7.6 m.)                                                                                                                                                                                                                                                                                                                |         |
| 6.1      | 9.6  | <u>BASALT</u> : Fine grained, dark green to black, moderately to strongly magnetic. Massive. Widely spaced discontinuous irregular 1mm. to 2 mm. carbonate stringers. Contact at 9.6 sharp at 65° to C.A.                                                                                                                                    |         |
| 9.6      | 13.2 | <u>ANDESITE</u> : Fine grained, dark green, non-magnetic, massive. Weakly porphyritic with 1mm. dark grey to white anhedral phenocrysts. Contact at 13.2 very fine grained – chilled, at 65° to C.A.                                                                                                                                         |         |
| 13.2     | 18.5 | <u>BASALT</u> : Medium to fine grained – becoming fine grained with depth. Dark green to black – moderately chloritic, moderately to strongly magnetic. Contact at 18.5 obliterated by blocky core. Other than at the contact the unit is massive.                                                                                           |         |
| 18.5     | 27.7 | <u>ANDESITE</u> : Light to medium green, fine to medium grained, massive, brittle andesite. Non-magnetic. Widely spaced fractures at 25° to C.A., which are coated with thin film of epidote and carbonate. Out contact at 60° to C.A. The unit becomes fine grained over last 1.0 m. Occasional white and light grey subhedral phenocrysts. |         |
| 27.7     | 28.6 | <u>BASALT</u> : F.G. to aphanitic dark green to black, tightly fractured with hairline infilling of carbonate and epidote. Out contact sharp at 65° to C.A. Strongly magnetic.                                                                                                                                                               |         |

Logged By: Allan M. Frew  
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FIRST LABRADOR RESOURCES LTD.  
**DIAMOND DRILL RECORD**

| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Remarks |
|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |
| 28.6     | 103.4 | <p><u>DIORITE</u>: Dark grey to dark greenish grey, medium to coarse grained mottled appearance except over contact zone – 28.6 – 29.3 which is chilled over 3 cm. thence f.g. and increases in grain size and mottled texture beyond 29.0 m. Massive throughout with very occasional irregular 1-2 mm. stringer of white carbonate over first 5m. Weakly magnetic to moderately magnetic throughout. Occasional tiny, irregular bleb of pyrite throughout.</p> <p>102.7: Texture begins to become finer grained towards out contact to fine grained beyond 103.0 and aphanitic chilled contact over last 1.5 cm. Out contact cuts core at 65° to C.A.</p> |         |
| 103.4    | 104.4 | <p><u>BASALT</u>: Dark green to black, with weak mottled appearance due to dark grey to dark greenish grey mineral, medium grained. Strongly magnetic. Moderately to strongly chloritic, wide spaced tight shears and fractures which cut core at 25° to C.A. which are coated with thin films of chlorite, epidote and white calcitic carbonate (and occasionally thin film of patchy pyrite). Out contact at 50° to C.A. (massive-gabbroic).</p>                                                                                                                                                                                                         |         |
| 104.4    | 106.5 | <p><u>BASALT</u>: (porphyritic) Dark grey to dark greenish grey to black, fine grained ground mass with 1 mm. to 2 mm. anhedral light grey to white phenocrysts evenly distributed throughout. Tight fracturing locally with black hairline infillings by chlorite. Occasional fracture at 25° to C.A. infilled with white carbonate (calcitic) up to 2 mm. wide. Out contact marked by shearing at 25° to C.A., however not too distinct due to blocky core.</p>                                                                                                                                                                                          |         |
| 106.5    | 111.9 | <p><u>BASALT</u>: Same as 103.4 to 104.4. Out contact is sharp, irregular but at an average of 50° to C.A. (massive-gabbroic) occasional shear surface coated with discontinuous film of pyrite.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |

Logged By: Allan M. Frew  
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**FIRST LABRADOR RESOURCES LTD.**  
**DIAMOND DRILL RECORD**

| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Remarks |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |
| 111.9    | 113.8 | <u>BASALT</u> : F.g. massive, dark green to dark grey-green to black, non-magnetic basalt. In contact is dark brownish grey and chilled over 2cm, out contact broken core however appears to be marked by a shear at 25° to C.A.                                                                                                                                                                                                                                                                        |         |
| 113.8    | 116.4 | <u>BASALT-PORPHYRITIC</u> : dyke same as 104.4 – 106.5. Out contact sharp at 65° to C.A. Both contacts are chilled over 4-5 cm.<br><br>114.7: Irregularly shaped 4cm x 5cm inclusion overlying rock. Out contact at 50° to C.A.                                                                                                                                                                                                                                                                         |         |
| 116.4    | 118.0 | <u>BASALT</u> : Dark green to black, somewhat similar to 111.9 to 113.8 however f.g. to aphanitic and displays tight insitu brecciation with black chlorite infilling around the fragments.                                                                                                                                                                                                                                                                                                             |         |
| 118.0    | 121.9 | <u>PORPHYRITIC ANDESITE(?) / DIORITIC DYKE</u> : F.g. to aphanitic groundmass, dark grey with dark greenish grey and white subhedral to anhedral phenocrysts (1mm. – 2 mm.). abundantly and evenly distributed throughout, Non-magnetic, massive-brittle. In contact at 75° to 80° to C.A., chilled margin (in) over 0.2m. The out contact is at 80-85° to C.A. and is chilled over 0.3m. Tiny black sub mm. to 1 mm. phenocrysts throughout both chilled contacts – with no white phenocrysts present. |         |
| 121.9    | 123.2 | <u>BASALT</u> : Same as 116.4 to 118.0. Contact at 123.2 cuts core at 50° to C.A. Occasional shear with thin film of pyrite coating foliation surface.                                                                                                                                                                                                                                                                                                                                                  |         |
| 123.2    | 124.2 | <u>PORPHYRITIC ANDESITE (?) / DIORITIC DYKE</u> : Same as 118.0 – 121.9. Out contact irregularly, sharp, cuts core at 30° to C.A. Chilled over last 4 cm.                                                                                                                                                                                                                                                                                                                                               |         |
| 124.2    | 134.2 | <u>BASALT</u> : F.g. to aphanitic, dark green to black, moderately to strongly chloritic, strongly magnetic basalt.<br>(continued on next page)                                                                                                                                                                                                                                                                                                                                                         |         |

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FIRST LABRADOR RESOURCES LTD.  
**DIAMOND DRILL RECORD**

| Meterage |                | Description                                                                                                                                                                                                                                                                                                                                                                                                    | Remarks |
|----------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To             |                                                                                                                                                                                                                                                                                                                                                                                                                |         |
| 124.2    | 134.2 (cont'd) | No pyrite evident throughout. Numerous anastomizing stringers and fracture/shear infilling with white calcitic carbonate, ranging from 1 mm. to 4 mm. wide. Many of the fractures cut core at 50° to C.A. Contact at 134.2 is sharp at 40° to C.A. Unit is fairly massive.                                                                                                                                     |         |
| 134.2    | 135.5          | <u>ANDESITE DYKE</u> : Dark green-grey, fine to medium grained, finely porphyritic-dark grey to green phenos sub mm. to 1.5 mm., massive, non-magnetic. Out contact obliterated.                                                                                                                                                                                                                               |         |
| 135.5    | 140.8          | <u>BASALT</u> : Same as 124.2 – 134.2.<br><br>140.8: Irregular fracture, sub-parallel to low angled to C.A. filled with up to 3 mm. chlorite, calcite and epidote. This extends to 141.6 appears to cut core at approximately 10° to C.A.                                                                                                                                                                      |         |
| 140.8    | 148.5          | <u>ANDESITE</u> : Fine to medium grained, dark greenish grey, weak to moderately porphyritic, with subhedral to anhedral 2 mm. to 3 mm. white and light grey phenocrysts. Weakly magnetic. Throughout there are irregular 2 mm. to 3 mm. blebs of pyrite widely distributed. Rock is brittle and has a dioritic appearance. The out contact is at 20° to C.A. and is finer-grained-chilled (?) over last 3 cm. |         |
| 148.5    | 150.7          | <u>ANDESITE (?) PORPHYRY DYKE</u> : Medium to coarse grained dark greenish grey, weakly magnetic, dioritic looking. Phenos are white and dark grey ranging from 1 mm. to 3 mm. Last 10 cm. is void of white phenos and somewhat finer grained, however there are dark green to black 2-3 mm. anhedral phenos. Out contact sharp but irregular at 70° to C.A.                                                   |         |

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FIRST LABRADOR RESOURCES LTD.  
**DIAMOND DRILL RECORD**

| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remarks                                         |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |
| 150.7    | 152.0 | <u>ANDESITE</u> : Same as 140.8 – 148.5. Out contact sharp at 60° to C.A.                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| 152.0    | 156.6 | <u>BASALT</u> : Same as 124.2 – 134.2<br><br>154.9: Irregular, low angle fracture filled with white carbonate (calcitic) and chlorite, out contact obliterated by blocky core.                                                                                                                                                                                                                                                                                                        |                                                 |
| 156.6    | 163.4 | <u>ANDESITE</u> : Dark brownish grey to greenish grey, fine grained. Non-magnetic. Numerous fractures at 60° and 30° to C.A. which have been infilled by either white carbonate or epidote – Epidote dominant with depth. Weakly porphyritic throughout with subhedral and anhedral 1 mm. to 2 mm. phenocrysts. Rock is fairly massive. Beyond 161.9 there is occasional 1 mm. fracture infilled with pyrite. Out contact obliterated – blocky core. Rock becomes brittle with depth. |                                                 |
| 163.4    | 164.1 | <u>BASALT</u> : Same as 152.0 – 156.6. Out contact at 54° to C.A. Tiny irregular blebs of pyrite on foliation surfaces.                                                                                                                                                                                                                                                                                                                                                               |                                                 |
| 164.1    | 166.8 | <u>ANDESITE (?) PORPHYRY DYKE</u> : Same as 148.5 – 150.7 out contact obliterated by blocky core.                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |
| 166.8    | 167.4 | <u>BASALT</u> : Same as 163.4 – 164.1. Out contact sharp but irregular at approximately 30° to C.A.                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |
| 167.4    | 172.5 | <u>ANDESITE</u> : Same as 140.8 – 148.5. Locally the rock is bleached due to fracturing and infilling by white calcitic quart carbonate, particularly at 168.9 and 169.5 – 170.1. Where fractures are filled with anastomizing 1 mm. to 2 mm. black chlorite. Where bleached the rock is creamy-brownish grey. Out contact at 25° to C.A. Tiny blebs and film coating of pyrite on shear surfaces.                                                                                    | Porphyritic character increases beyond 170.2 m. |
| 172.5    | 172.9 | <u>ANDESITE DYKE</u> : Fine grained, dark greenish grey to medium green. Out contact at 35° to C.A.                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |

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## FIRST LABRADOR RESOURCES LTD. DIAMOND DRILL RECORD

| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Remarks                                                                                        |
|----------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 172.9    | 176.2 | <u>BASALT</u> : Dark green to black, fine to medium grained. Highly chloritic, moderately schistose basalt. Moderately magnetic. Numerous shear surface coated with smeared pyrite and pyrrhotite with trace of chalcopyrite. The pyrrhotite also occurs as blebs up to 1 cm. X 3 cm. and as irregular 2 mm. to 3 mm. stringers. The pyrrhotite is more abundant than the pyrite. Total sulfide content about 1%. Out contact obliterated due to blocky core.                                                                                                                                                                                |                                                                                                |
| 176.2    | 183.0 | <u>BASALT</u> : Massive, fine to medium grained, moderately chloritic and moderately magnetic. Dark green to black. Tight insita brecciation throughout as well as shearing at 50° to C.A. Shears, fractures and inter-fragmental infilling with white calcitic carbonate closely spaced and in abundance throughout unit – width range from 1mm. to 5 mm. (dominantly 1-2 mm.).                                                                                                                                                                                                                                                             |                                                                                                |
| 183.0    | 198.5 | <u>BASALT</u> : Same as 172.9 – 176.2. Intensely sheared – very schistose, with sections of tectonic breccia, which has been re-cemented with pale green carbonate and chlorite. There is a horizontal component to the shearing which is 75° across core as indicated by slickensides. Shear surfaces coated with thin film of pyrrhotite and pyrite, with pyrrhotite dominant-sulfides do not exceed 1-2%. Ground intensely broken, particularly in area of tectonic breccia.<br><br>186.5 – 187.1 – Breccia (tectonic)<br>188.7 – 189.0 – Breccia (tectonic)<br>189.7 – 192.3 – Breccia (tectonic)                                        | Beyond 191.0 Unit becomes porphyritic with abundant dark grey phenocrysts – anhedral – 1-2 mm. |
| 198.5    | 200.9 | <u>ANDESITE</u> : Fine to medium grained, medium green, auto-brecciated (?) andesite. Short sections of moderate to weak chloritization. Non-magnetic. Varyingly sized fragments (sub-rounded to rounded) which have been epidotized and are characteristically pale green. What appear to be amygdules up to 1.5 cm. across but mostly 3 mm. to 5 mm. replaced by epidote – originally filled with light grey feldspathic mineral. Narrow 1 cm. bands at 90° to core, which are also replaced by epidote to varying degrees. Occasional stringer and bleb as well as tiny dissemination of pyrite. Contact at 200.9 at 55° to C.A. – sharp. |                                                                                                |

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**FIRST LABRADOR RESOURCES LTD.**  
**DIAMOND DRILL RECORD**

| Meterage |        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remarks                        |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| From     | To     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |
| 200.9    | 201.8  | <u>ANDESITE</u> : Fine grained, dark greenish grey, porphyritic with 1 to 3 mm. irregular shaped and sub-rounded pyrite disseminations (replacement). Occasional 3 mm. discontinuous string of pyrite, as well as the rare 1 cm. X 1.5 cm. bleb. Widely spaced calcitic carbonate stringer and veinlet throughout (up to 4 mm.). Contact at 201.8 – sudden, marked by shear – cuts core at 50° to C.A.                                                                |                                |
| 201.8    | 202.4  | <u>ANDESITE</u> : Fine grained, dark green-grey to dark green. No obvious pyrite. Numerous anastomizing stringers (up to 3 mm. across) of white calcitic carbonate. Weakly chloritic locally. Out contact sharp at 90° to C.A. – however this may not be true angle due to grounding.                                                                                                                                                                                 |                                |
| 202.4    | 203.6  | <u>ANDESITE</u> : Porphyrite (?) with phenos completely replaced (?) by pyrite, and decreasing in size with depth from 4 mm. to 1 mm. to 2 mm. Ground mass is fine grained, dark green, moderately chloritic. Pyrite also occurs as anastomizing stringers – up to 1 cm. across, and irregular, discontinuous stringers. Out contact cuts core at 44° to C.A. (total pyrite about 10%).                                                                               | <u>SAMPLED</u> : 203.0 – 204.3 |
| 203.6    | 204.65 | <u>ANDESITE DYKE</u> : F.g. to aphanitic, dark green to medium green. Out contact irregular at 50° to C.A. however it is sharp. Near both contacts there are fragments and particles of epidotized rock (variously assimilated wall rock). These are up to 2.5 cm. X 3.5 cm. are rounded to sub-rounded. Anastomizing stringers and fracture filling of pyrite up to 3 mm. across. Non-magnetic. Out contact irregular at about 10° to C.A. Chilled margin over 2 cm. |                                |
| 204.6    | 205.3  | <u>ANDESITE</u> : Dioritic – mottled – same as 202.4 – 203.6. Pyrite stringers and veinlets widely spaced – up to 3 mm. across, also irregularly shaped disseminated pyrite replacement from sub mm. to 2 mm. across. Out contact sharp at 50° to C.A.                                                                                                                                                                                                                |                                |

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FIRST LABRADOR RESOURCES LTD.  
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| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Remarks                                                   |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |
| 205.3    | 206.3 | <u>ANDESITE</u> : Fine grained to aphanitic, light to medium greenish grey, silicified andesite. Non-magnetic. Contains fragmental inclusions up to 4 cm. X 5 cm. which are light creamy-green, as well as irregular patches up to 3.5 cm. wide (which may have been closely spaced amygdulites) which are weakly epidotized, numerous tight fractures infilled with epidote. No visible pyrite. Out contact sharp -- marked by fracture at 40° to C.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |
| 206.3    | 214.0 | <u>ANDESITE</u> : Dominantly fine grained to aphanitic, dark green to dark greenish grey, weakly to moderately chloritic. Non-magnetic. Contains narrow veinlets, stringers, and disseminated tiny specks as well as widely spaced bleb (up to 1.5 cm. across). Sulfides less than 1%. Occasional irregular stringer and bleb of chalcopyrite (up to 3 cm.). Throughout there are short sections of moderately epidotized, leanly mineralized with disseminated pyrite, fine grained, variably amygdaloidal, light green to light greenish grey andesite as noted -- ie. 208.0 -- 208.5, 209.6 -- 210.3, and 211.3 -- 212.4. The pyrite veinlets cut the core at 30°, 40° and 50° to C.A. Pyrite has replaced the amygdulites in part and in total throughout the amygdaloidal sections. The contact at 214.0 is sharp at 20° to C.A., the last 20 cm. is aphanitic, chilled, flow top.<br><br>212.4: 2 mm. stringer of chalcopyrite cuts core at 35° to C.A. |                                                           |
| 214.0    | 217.0 | <u>AMYGDALOIDAL ANDESITE</u> : Dark greenish grey to dark green, fine to medium grained ground mass containing abundant amygdulites which are irregularly shaped, up to 1.5 cm. across, pale green to creamy-green colored, variably epidotized. The amygdulites have been partially to totally replaced by pyrite. The unit has a mottled appearance throughout. Occasional 1-2 mm. stringer and veinlet of pyrite with minor associated chalcopyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Epidotization in this hole is not as intense as in LA97-1 |
| 217.0    | 223.8 | <u>ANDESITE</u> : Fine grained, dark grey to dark greenish grey, non-magnetic with up to 5cm. wide bands of creamy-green epidotized material. Also distorted 2 cm. X 8 cm. patches and round to sub-round 1.5 cm. fragments. Narrow amygdaloidal sections throughout with many of the amygdulites filled with epidotized cream to light grey feldspar (?) many of which have been partially or totally replaced by pyrite. Pyrite also occurs as narrow (2 mm.) stringers and veinlets, and as tiny disseminations. Pyrrhotite occurs associated with chalcopyrite. Weakly to moderately chloritic. (continued on next page)                                                                                                                                                                                                                                                                                                                                  |                                                           |

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## FIRST LABRADOR RESOURCES LTD. DIAMOND DRILL RECORD

| Meterage |                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Remarks               |
|----------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| From     | To             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| 217.0    | 223.8 (cont'd) | <p>Occasional tiny bleb or narrow – 1 mm. stringer of chalcopyrite. Throughout section the sulfide mineralization averages less than 1%, with short intervals up to 5%. Several of the creamy-green bands and fragments have been tightly fractured with white and/or smokey quartz infilling. Several narrow 2.5 cm. To 17 cm. aphanitic silicified flow contacts and/or flow banding as noted:-</p> <p>218.1: 4 cm. at 85° to C.A.<br/> 220.4: 2.5 cm. at 45° to C.A.<br/> 220.8: 17.0 cm. at 50° to C.A.<br/> 223.0: 9.0 cm. at 50° to C.A.</p> <p>The out contact is at 65° to C.A. and is aphanitic (chilled) and silicified over last 13.0 cm.</p> <p>220.9 – 221.9: 70% bleached creamy-green epidotized material. Up to 5% sulfides as pyrite, pyrrhotite and chalcopyrite as irregular stringers and splashes. Stringer from 3 mm. to 1 cm. at 221.4 to 221.8 enters core at 10° - 15° at both ends and runs along the core.</p>                                                                                                                                         | SAMPLE: 220.9 – 221.9 |
| 223.8    | 243.5          | <p><u>ALTERED ANDESITE (BASALTIC):</u> Much similar to previous unit however there is a marked increase in chloritization and epidotization. Also predominantly amygdaloidal with narrow porphyritic sections (mottled looking). Zones of pyrite replacement (both partially and totally) of the amygdules. Silicified flow banding, flow contacts and veins with associated pyrite, chalcopyrite and pyrrhotite. The pyrrhotite appears to be associated with chalcopyrite. Pyrite is the dominant sulfide and occurs as narrow stringer veinlets and disseminations. Some of the epidotized material occurs as rounded, elongated fragments up to 7 cm. x 3 cm. Much of the epidotized material has been tightly fractured and re-cemented with white, clear and smokey quartz.</p> <p>225.3: flow top/banding at 55° to C.A.<br/> 226.3: flow top/banding at 65° to C.A.<br/> 227.2: flow top/banding at 45° to C.A.</p> <p>227.2 – 228.4: Amygdaloidal, porphyritic (dark green to black phenos up to 3 mm. across) mottled looking, epidotized. (continued on next page)</p> |                       |

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| Meterage |                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Remarks |
|----------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |
| 223.8    | 243.5 (cont'd) | <p>227.9: 4 cm. aphanitic basaltic dyke at 45° to C.A.</p> <p>228.6: 5 cm. chilled top at 75° to C.A.</p> <p>228.6: 15 cm. 100% pyrite replacement of amygdules also a few narrow irregular 4 mm. stringers. Approximately 10% pyrite.</p> <p>228.9 – 230: Amygdaloidal, porphyritic, epidotized with mottled appearance</p> <p>230.0 – 230.5: Fine grained basaltic dyke, dark green to black, moderately chloritic. Disseminated pyrite (up to 3 mm.) throughout; pyrite stringers along in contact, chalcopryite with associated pyrrhotite along out contact.</p> <p>233.0 – 233.2: 20% pyrite as 2 cm. blebs, narrow stringers and disseminations.</p> <p>232.3 – 3.5 cm. Vein of white quart at 55° to C.A.</p> <p>235.6 – 238.5: Numerous white calcitic quartz carbonate veinlets and stringers – from 2 mm. to 1 cm. across.</p> <p>243.3 Contact sharp, irregular at 5 – 10° to C.A.</p> |         |
| 243.5    | 248.1          | <p><u>BASALT DYKE:</u> Dark grey to grey-black, fine grained, non-magnetic, finely porphyritic basalt. Phenos are anhedral and sub mm. to 1 mm. across. Widely spaced hair-line stringers low angle (10-15°) veinlet (2 mm. wide) of white calcitic quartz carbonate. The unit is massive and brittle. No visible sulfides.</p> <p>245.6 – 245.9: Inclusion of epidotized fragmental andesite (previous unit)</p> <p>247.2: 10 cm. inclusion of chloritized, pyritized andesite same as that near the out contact.</p> <p>Out contact cuts core irregularly at 20° to C.A.</p>                                                                                                                                                                                                                                                                                                                     |         |
| 248.1    | 248.9          | <p><u>ALTERED ANDESITE:</u> Same as 223.5 – 243.5 – Weakly epidotized creamy-green patches up to 5 cm. x 10 cm. makes up 80% of unit. Dark green to black chloritic section containing 1.5 cm. pyrite stringer and disseminations over first 7 cm. otherwise there is very little sulfide mineralization. Out contact sudden but blocky.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |

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## FIRST LABRADOR RESOURCES LTD. DIAMOND DRILL RECORD

| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Remarks |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |
| 248.9    | 251.6 | <p><b>BASALTIC ANDESITE:</b> Fine to medium grained, dark grey-black, moderately chloritic, non-magnetic, weakly schistose. Contains numerous 1 mm. white quartz-carbonate stringers. Pyrite occurs as smeared coating on foliation surfaces, and as irregular stringers at 45° to C.A. (up to 1 cm. wide)</p> <p>249.6 – 249.8: f.g., massive basaltic dyke similar to 243.5 – 248.1. Core blocky – no contacts observed.</p> <p>251.6: Contact is gradational to following unit.</p>                                                                                                                                                                                                                                                                                                      |         |
| 251.6    | 255.4 | <p><b>ALTERED ANDESITE:</b> Same as 223.5 – 243.5. Predominantly weakly epidotized andesite with sections of weak to strong chloritization. Amygdaloidal and fragmental zones throughout. Pyrite occurs as fine disseminations, narrow stringers and amygdule replacements.</p> <p>251.8 – 252.4: Amygdules totally replaced by pyrite – (up to 5 mm. across). Pyrite constitutes 20% of section.</p> <p>253.0 – 253.3: Strongly chloritic.</p> <p>253.3 – 254.5: Fragmental – epidotized quartz carb rounded to sub-rounded fragments in dark grey andesite.</p> <p>254.5 – 254.8: Amygdaloidal – tiny specks of pyrite in some of the creamy-green amygdules.</p> <p>254.8 – 255.4: Becoming fine grained to aphanitic, only a few 4 – 6 mm. blebs and fine disseminations of pyrite.</p> |         |
| 255.4    | 265.5 | <p><b>SILICIFIED ANDESITE:</b> This unit is variably silicified andesite which varies in color from light grey to dark grey to dark greenish grey depending on the degree of silicification. Throughout there are tight fracture filling by calcitic quartz-carbonate. Locally the rock has been almost 100% silicified and has the appearance of chert. The unit contains both fine grained andesite and the previously described epidotized andesite as well as black chloritic andesite (basalt) which have not been silicified to any great extent. Pyrite mineralization varies throughout.</p> <p>(continued on next page)</p>                                                                                                                                                        |         |

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# FIRST LABRADOR RESOURCES LTD. DIAMOND DRILL RECORD

| Meterage |                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Remarks                                                                                                                                                                                                                                                       |
|----------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From     | To                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                               |
| 255.4    | 265.5<br>(cont'd) | <p>255.4 – 257.3: Strongly silicified, f.g. dark greenish grey with occasion creamy-green quartz-carbonate fragment, irregular tiny patches of epidote. Pyrite as hairline stringers, veinlets and fine dissemination (pinhead size). White quartz carbonate patches throughout. Minor pyrrhotite as fracture filling sub mm. to 1 mm.</p> <p>257.3 – 257.6: Dark green, aphanitic, chloritic andesite weakly silicified. Several 0.5 mm. contorted stringers of pyrite as well as 1.5 mm. disseminations. Wide spaced shears at 65° to C.A.</p> <p>257.6 – 258.5: Epidotized andesite as 251.6 – 255.4 fragments, amygdulcs and irregular patches creamy-green material. Minor pyrite as narrow (2mm.) stringers and fine disseminations. Weakly silicified.</p> <p>258.5 – 259.0: Same as 257.3 – 257.6.</p>                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                               |
| 255.4    | 266.5             | <p>259.0: Sharp contact at 90° to C.A.</p> <p>259.0 – 266.5: Dark grey to medium grey silicified andesite with occasional 1 cm. x 1.5 cm. rounded fragment of creamy and white quartz carbonate. Moderately to strongly silicified. Contains several quartz veins (?) as noted; some sections are amygdaloidal; some are dark green to black-chloritic.</p> <p>259.4 – 259.8: SAMPLE – See remarks.</p> <p>260.4 – 261.0: Dark grey, cherty, tightly fractured with hairline fractures filled with white calcitic quartz carbonate. Shear at 260.8 at 20° to C.A. Inclusion of epidotized andesite, which contains inclusions and stringers of white quartz-carbonate. Chloritic along foliations as well as thin film of pyrite. Occasional small irregular splash of chalcopyrite.</p> <p>261.0 – 262.2: Dark greenish grey to dark grey, fine grained silicified andesite. Occasional amygdule (.5 mm.) and sub-angular 1 cm. x 2 cm. quartz carbonate fragment. An 8 cm. fragment of tightly fractured cherty quartz at 261.6.</p> <p>(continued on next page)</p> | <p>SAMPLE: 259.4 – 259.8: Quartz vein with partially digested frags of wall rock, pyrite blebs up to 1.2 cm. x 4 cm. and pyrite vein 3.5 cm. wide. Small, creamy and white carbonate stringers. Dark grey to whitish grey quartz. Cuts core at 40° (20%).</p> |

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**FIRST LABRADOR RESOURCES LTD.**  
**DIAMOND DRILL RECORD**

| Meterage |                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Remarks               |
|----------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| From     | To                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |
| 255.4    | 266.5<br>(cont'd) | <p>262.2 – 263.1: Weakly silicified amygdaloidal porphyritic epidotized andesite. Contains pyrite and pyrrhotite as sub-rounded to rounded blebs (up to 1 cm.) and as fine disseminations. Contact at 263.1 is sharp at 60° to C.A. Dark green chloritic ground mass.</p> <p>263.1 – 263.7: Silicified fault breccia. Medium grey cryptocrystalline silica-replaced, tightly pack sub-rounded fragments bounded by dark green to black chlorite, some fragments not totally replaced. Have medium greenish-grey color. Hairline stringers and veinlets of pyrite and pyrrhotite. Weakly to moderately magnetic locally due to pyrrhotite. Out contact 35° to C.A.</p> <p>263.7 – 266.5: Predominantly dark grey to dark greenish grey fine grained, moderately silicified andesite. Tightly fractured, and sheared locally at 50° to C.A. Smeared pyrite, chalcopyrite and pyrrhotite on foliation surfaces. Occasional small irregular bleb of pyrite and, to a lesser extent, pyrrhotite. Short sections of intensely sheared, strongly chloritic, dark green to black andesite at 263.7 (10 cm.), 265.2 (30 cm.) and 266.2 (30 cm.) all of which contain varying concentrations of pyrite as elongated clusters of blebs, narrow stringers and disseminations. The non-chloritized sections are weakly epidotized. At 264.9 there is 10 cm. containing calcitic quartz carbonate as stringers from 3 mm. to 2 cm. wide. The contact at 266.5 is irregular but at about 35° to C.A.</p> | SAMPLE: 263.1 – 263.7 |
| 266.5    | 273.1             | <p>SSILICIFIED ZONE: Intensely silicified, dark grey, light grey to whitish grey depending on the degree of brecciation and chlorite infilling and/or remnants. Throughout there are irregular patches, stringers and veinlets of white quartz carbonate. Wide spaced inclusions of weakly to moderately silicified andesite ranging from 4 cm. to 10 cm. The fragments which have been totally silicified are sub-rounded, sub-angular and angular. In some places the matrix is partially to totally silicified, in others it is chlorite with fair pyrite content. The siliceous rock has thin fracture infilling patches and occasional narrow stringer of pyrite and pyrrhotite. Rarely there is a trace of chalcopyrite.</p> <p>266.8 – 267.8: Brecciated silicified andesite (?) with chlorite and pyrite rich matrix. Trace of chalcopyrite.<br/>(continued on next page)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAMPLE: 266.8 – 267.8 |

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FIRST LABRADOR RESOURCES LTD.  
**DIAMOND DRILL RECORD**

| Meterage |                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remarks               |
|----------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| From     | To                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |
| 266.5    | 273.1<br>(cont'd) | <p>268.4 – 269.4: Highly silicified, brecciated andesite – silica replacement not complete. Tight fracturing with white quartz carbonate infilling. Irregular stringer &amp; blebs of pyrrhotite throughout and in greater abundance than pyrite which occurs as small blebs and hairline fracture infilling. At 268.9, there is 6 cm. vein of white quartz carbonate cutting core at about 70° to C.A. The contacts are irregular.</p> <p>272.6 – 273.1: Tight breccia – dark greenish grey, moderately silicified, angular to sub-angular fragments in a dark green to black chloritic matrix. No visible sulfides. Numerous narrow irregular stringers of white calcite throughout. Contact at 273.1 sharp at 80° to C.A.</p>                                      | SAMPLE: 268.4 – 269.4 |
| 273.1    | 276.7             | <p>ANDESITE: Dark grey to dark greenish grey, fine grained, weakly silicified, andesite with abundant inclusions of cream to creamy green weakly epidotized material ranging from 1 cm. x 1.5 cm. to 3.5 cm. x 5 cm. Also occurs as irregular, 2 cm. wide bands. Minor pyrite as small blebs and disseminations throughout.</p> <p>275.0 – 275.9: Tightly fractured, cherty siliceous section – dark to light grey to smokey white banded towards 275.9 with 1 – 1.5 cm. medium green andesite material. Minor pyrite as hairline veinlets and disseminations. Out contact blocky.</p>                                                                                                                                                                                |                       |
| 276.7    | 282.9             | <p>PYROCLASTICS:</p> <p>276.7 – 277.4: Lapilli tuff: Medium to light green dominantly fine grained to very fine grained tuff with rounded, elongated and sub-rounded light grey particles up and 2 cm. across. Minor calcite stringers sheared with foliation at 55° to C.A.</p> <p>277.4 – 282.9: Tuff: Light green to dark green intensely sheared tuff with fair amount of calcite stringers and veinlets (sub mm. to 2 mm.). Between 277.4 and 279.8 there is 0.6 m. of lost core. Possible fault zone. At 279.6 there is fault gouge.</p> <p>281.8 – 282.9: Bands – 0.4 cm. to 1 cm. – medium to light grey chert which are distorted, discontinuous, pinches and swells (soft, sediment deformation ?). Dark grey over last 0.3 m. Out contact obliterated.</p> |                       |

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**FIRST LABRADOR RESOURCES LTD.**  
**DIAMOND DRILL RECORD**

| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remarks |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |
| 282.9    | 284.6 | ANDESITE: Dark grey, fine grained, weakly porphyritic with 1 mm. to 2 mm. sub-hedral to anhedral phenocrysts, becoming light grey over last 0.12m. Numerous 1 mm. to 2 mm. veinlets and stringers of calcite. Out contact chilled over 10 cm. Out contact at 60° to C.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| 284.6    | 285.4 | LAPILLI TUFF: Dark purplish to medium deep purplish v.f.g. tuff with particles of siliceous material (up to 1 cm. across) throughout. Numerous stringers and veinlets of calcite (1 mm.). Out contact obliterated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |
| 285.4    | 287.3 | MIXED CHEMICAL SEDIMENT AND TUFF: Highly distorted bands of light to medium grey chert within v.f.g. black tuff. Chert ranges from 0.5 cm. to 3.0 cm. thick bands, distorted, contorted, swirly appearance indicative of soft-sediment deformation. Numerous irregular stringers of calcite (up to 2 mm.). Widely spaced shears at 35° to C.A. Non-magnetic, unmineralized. Out contact at 60° to C.A.                                                                                                                                                                                                                                                                                                                                                                                                                                |         |
| 287.3    | 307.2 | <p>ANDESITE FLOWS: Fine grained, dark grey, weakly porphyritic with euhedral to anhedral phenocrysts up to 2 mm. throughout. The concentration of phenocrysts at bottom of flows indicate tops are down hole. The total unit of alternating flows has been moderately to strongly silicified stringers and veinlets (up to 3 mm.) of calcite throughout. Non-magnetic, unmineralized. The unit is brittle throughout and auto-brecciated.</p> <p>303.2 – 303.9: Fractured, strongly silicified, weak to moderately epidotized. Several 2 mm. to 6 mm. white quartz carbonate stringers.</p> <p>305.1 – 305.4: Strongly silicified (80-90%) tightly brecciated (auto-brecciation)<br/>           306.2 – 207.2: Strongly silicified (80-90%) tightly brecciated (auto-brecciation)<br/>           307.2: Outcontact at 32° to C.A.</p> |         |

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| Meterage |       | Description                                                                                                                                                                                                                                                                                                                                           | Remarks |
|----------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| From     | To    |                                                                                                                                                                                                                                                                                                                                                       |         |
| 307.2    | 315.2 | BASALT (DIABASE) DYKE: Fine grained, dark greenish grey, weakly porphyritic – sub mm. to 1 mm. phenos, brittle, massive, non-magnetic. Unmineralized. Both contacts are chilled margins which are aphanitic over 2 cm. and light grey colored. Widely spaced irregular 1 mm. stringers and veinlets of calcite throughout. Out contact at 18° to C.A. |         |
| 315.2    | 322.8 | ANDESITE: Same as 287.3 – 307.2. Locally displays auto-brecciation.<br><br>317.6 – 317.9: Irregular dyke – chilled – aphanitic light grey related to that at 307.2 – 315.2, angles not discernable.                                                                                                                                                   |         |
|          | 322.8 | END OF HOLE                                                                                                                                                                                                                                                                                                                                           |         |
|          |       |                                                                                                                                                                                                                                                                                                                                                       |         |
|          |       |                                                                                                                                                                                                                                                                                                                                                       |         |
|          |       |                                                                                                                                                                                                                                                                                                                                                       |         |