

| Province        |        | Ontario          |          | RED PINE EXPLORATION    |            |   |  |                                    |  |              |        |                |             |          |        | Comments:      |      |      |         |           |       |       |       |          |        |            |      |
|-----------------|--------|------------------|----------|-------------------------|------------|---|--|------------------------------------|--|--------------|--------|----------------|-------------|----------|--------|----------------|------|------|---------|-----------|-------|-------|-------|----------|--------|------------|------|
| PROJECT         |        | Mortimer         |          | Mine Grid North         |            |   |  | UTM Coordinates Datum/Zone: NAD 83 |  |              |        | Other Surveys  |             |          |        | Core Diameter  |      |      |         |           |       |       |       |          |        |            |      |
| HOLE ID #       |        | RPX-11-01        |          | Start Date: May 17, 11  |            | North: 5,300,146  |  | Method                             |  | North        |        | NW (63.5 mm)   |             | From (m) |        | To (m)         |      |      |         |           |       |       |       |          |        |            |      |
| Drill Co.       |        | Crites           |          | Finish Date: May 19, 11 |            | East: 379,662   |  | East                               |  | NQ (47.6 mm) |        | From (m)       |             | 3.00     |        | To (m) 200.00  |      |      |         |           |       |       |       |          |        |            |      |
| Surveys         |        | Method           |          | Depth (m)               |            | Azimuth   |  | Elevation                          |  | Elevation    |        | BQ (36.5 mm)   |             | From (m) |        | To (m)         |      |      |         |           |       |       |       |          |        |            |      |
| Collar          |        | Reflex Multishot |          | 190.00                  |            | Total Depth: 200m   |  | Total Depth                        |  | 200          |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          | Incl.                   |            | Red Pine Exploration Inc.   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          | -45.00                  |            |   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
| HOLE ID #       |        | RPX-11-01        |          | Property                |            | Block A   |  | Drill No.                          |  |              |        | Logged By: DFR |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
| MAJOR LITHOLOGY |        |                  |          | Subsidiary Lithology    |            |   |  | COMMENTS                           |  |              |        | Alteration     |             |          |        | MINERALIZATION |      |      |         | STRUCTURE |       |       |       |          |        |            |      |
| From (m)        | To (m) | LITHO Code       | From (m) | To (m)                  | LITHO Code |   |  |                                    |  | From (m)     | To (m) | Alt Type       | Inten W/M/S | From (m) | To (m) | PY %           | PO % | CP % | Other % | Depth (m) | Type  | Angle | Width | From (m) | To (m) | Vein 1 - 5 | Fill |
| 0.00            | 3.00   | OVB              | 3.00     | 3.25                    | Brkn       |   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          |                         | Grd        |   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
| 3.25            | 14.71  | MV               | 3.25     | 14.62                   | Frag       | Lite grn/ gy, massive, calcareous, med grd Fragmental. No sulfs. Frags rd'd to ang, small- max dia 1    |  |                                    |  | 3.20         | 7.50   | Sil            | W           |          |        |                |      |      |         |           | 3.58  | Fract | 48°   |          |        |            |      |
|                 |        |                  | 14.62    | 14.71                   | Cont       | cm. Unit well pk'd. Note: Fract at 3.58m c/w wk gouge. Wk cal Vn 6.82- 6.86m at 62° TCA. Brkn core      |  |                                    |  | 7.50         | 8.00   | Sil            | S           |          |        |                |      |      |         |           | 5.26  | Jt    | 15°   |          |        |            |      |
|                 |        |                  |          |                         |            | 7.3- 7.56m. Wh cal Vn 10.14- 10.24 and 10.26- 10.34m. Contact at 14.62- 14.71m- lim badly brkn grd.     |  |                                    |  | 11.60        | 14.62  | Sil            | S           |          |        |                |      |      |         |           | 6.82  | Cv    | 62°   | 1.5      |        |            |      |
|                 |        |                  |          |                         |            |   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           | 10.14 | Cv    | 52°   | 4        |        |            |      |
|                 |        |                  |          |                         |            |   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           | 10.26 | Cv    | 42°   | 0.6      |        |            |      |
|                 |        |                  |          |                         |            |   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           | 11.00 | Jt    | 15°   |          |        |            |      |
| 14.71           | 33.55  | MV               | 14.71    | 16.14                   | Mv         | Possible, calcareous, mafic Pillow Flow Basalt. Unit lite grn. Wkly variolitic. Note: Cal Vning 14.87-  |  |                                    |  | 15.82        | 16.14  | Sil            | M           | 15.61    | 15.79  | 0.5            |      |      |         |           | 14.79 | Jt    | 12°   |          |        |            |      |
|                 |        |                  |          |                         |            | 15.22 and 15.61- 15.79m. Sharp cont at 15.22m at 77° TCA. Note: Pyritic/ calcitic, Vn Brx system        |  |                                    |  |              |        |                |             | 15.82    | 16.14  | 2 to 5         |      | 0.03 |         |           | 14.87 | Cv    | Var   | 1        |        |            |      |
|                 |        |                  |          |                         |            | 15.82- 16.14m. Unit mod to strongly Sil. Sulfides assoc c/w poss Pillow Top.                            |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           | 15.61 | Cv    | 30°   | 3.5      |        |            |      |
|                 |        |                  | 16.14    | 33.55                   | Mv         | Mod vn'd MV. Vnlets cut core at various angles TCA. Unit strongly calcareous. Vning + sulfs             |  |                                    |  | 16.14        | 20.22  | Sil            | M/S         | 16.14    | 33.55  | 0.03           |      |      |         |           | 15.82 | Fract | 0°    |          |        |            |      |
|                 |        |                  |          |                         |            | assoc c/w Pillow selvages. From 17.0- 20.22m core variably sil. Core pale to med grn and wkly           |  |                                    |  | 20.22        | 33.55  | Sil            | W           | 16.77    | 16.86  | 3 to 5         |      |      |         |           | 23.59 | Jt    | 15°   |          |        |            |      |
|                 |        |                  |          |                         |            | amygdaloidal. Nil sulfides in majority of core. Increase sulf 16.77- 16.86 and 19.82- 19.88m. Note: Brn |  |                                    |  |              |        |                |             | 19.82    | 19.88  | 2+             |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          |                         |            | carb on fract 15.82- 16.22m. Occas cal Vn scrap i.e.. 21.08m. Core fairly massive 20.22- 33.55m.        |  |                                    |  | 32.00        | 32.70  | Sil            | M/S         |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          |                         |            | Pillow selvages 29.35 and 30.0m. Note: .8 cm wide purple amethyst- like Cal Vn meandering thru          |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          |                         |            | core 32.9- 33.2m. Py 1%. Core becomes dker grn 33.0m. Core strongly magnetic 19.39m.                    |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
| 33.55           | 77.28  | MV               | 33.55    | 38.87                   | GB         | Massive, Mafic Volcanic c/w Gabbroic text- poss flow centre. Wk vning. Tr py on frags and as Diss.      |  |                                    |  | 33.55        | 38.87  | Sil            | W/M         | 33.55    | 38.87  | 0.5 to 1       |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  |          |                         |            | Unit dker grn and calcareous.   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  | 38.87    | 40.28                   | Mv         | Mv- Similar to 16.14m. Increased Amygdules to .8 cm plus Vn scraps. Unit ext calcareous. Occas          |  |                                    |  | 38.87        | 40.28  | Sil            | W/M         | 38.87    | 40.28  | .5+            |      |      |         |           | 39.77 | Jt    | 10°   |          |        |            |      |
|                 |        |                  |          |                         |            | Vn scraps c/w increased Py.   |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           |       |       |       |          |        |            |      |
|                 |        |                  | 40.28    | 49.67                   | Mv/Gb      | Similar to 33.55m. Unit dk grn. Wk cal Vning on mm scale. Wk flow unit 43.15- 43.76m c/w sl increase    |  |                                    |  | 40.28        | 49.67  | Sil            | W/M         | 40.28    | 49.67  | 0.03           |      |      |         |           | 47.18 | Jt    | 10°   |          |        |            |      |
|                 |        |                  |          |                         |            | in Vning. Entire unit wkly amygdaloidal. Low angle Jt 48.33- 48.66m.                                    |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           | 48.03 | Vn    | 68°   | 0.8      |        |            |      |
|                 |        |                  | 49.67    | 54.90                   | Mv         | Similar to 33.55m. Unit wkly amygdaloidal/and wkly pyritic mainly on frags and as Diss. Note: Cal       |  |                                    |  | 49.67        | 54.90  | Sil            | W/M         | 49.67    | 54.90  | 0.05           |      |      |         |           | 48.33 | Jt    | 5°    |          |        |            |      |
|                 |        |                  |          |                         |            | Vns 53.53- 53.63 and 54.2- 54.27m.  |  |                                    |  |              |        |                |             | 54.20    | 54.27  | 0.5            |      |      |         |           | 49.67 | Cont  | 71°   |          |        |            |      |
|                 |        |                  | 54.90    | 58.75                   | Mv/Gb      | Similar to 33.55m. Note: 2.5 cm wide Qtz/ cal Vn 56.0- 56.04m at 63° TCA. No sulfides. Unit exhibits    |  |                                    |  | 54.90        | 58.75  | Sil            | M           | 54.90    | 58.75  | 0.5            |      |      |         |           | 53.53 | Vn    | 70°   | 7        |        |            |      |
|                 |        |                  |          |                         |            | wk vning thruout and diss py to .5%.  |  |                                    |  |              |        |                |             |          |        |                |      |      |         |           | 54.27 | Vn    | 29°   | 2.5      |        |            |      |
|                 |        |                  | 58.75    | 62.00                   | Mv         | Med grn, Mafic Volcanic c/w wk Vning. Note: Thin pyritic Vns 59.11 and 59.58m. Py .5 to 1%. Upper       |  |                                    |  | 58.75        | 62.00  | Sil            | W           | 58.75    | 62.00  | .1+            |      |      |         |           | 56.00 | Vn    | 63°   | 2.5      |        |            |      |
|                 |        |                  |          |                         |            | contact gradational. Note: Pyritic Qtz/ Cal Vn Brx 60.67- 60.75m - Py to 2% on Vn margins.              |  |                                    |  |              |        |                |             | 60.67    | 60.75  | 2+             |      |      |         |           | 59.11 | Vn    | 72°   | 0.4      |        |            |      |
|                 |        |                  |          |                         |            | Another Pyritic Vn Brx 61.1- 61.23m. Lower con of Vn at 32° TCA. Core wkly magnetic at 61.21m.          |  |                                    |  |              |        |                |             | 61.10    | 61.23  | 1+             |      |      |         |           | 59.80 | Vn    | 66°   | 1        |        |            |      |

| HOLE ID #       |        | RPX-11-01 | Property             | Block A | Drill No. |   |  |  | Logged By: DFR |            |        |      |       |                |        |          |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
|-----------------|--------|-----------|----------------------|---------|-----------|---|--|--|----------------|------------|--------|------|-------|----------------|--------|----------|----|-----------|-------|-------|--------|-------|-------|-------|-----|-------|------|--|--|--|--|
| MAJOR LITHOLOGY |        |           | Subsidiary Lithology |         |           | COMMENTS  |  |  |                | Alteration |        |      |       | MINERALIZATION |        |          |    | STRUCTURE |       |       |        |       |       |       |     |       |      |  |  |  |  |
| From            | To     | LITHO     | From                 | To      | LITHO     |   |  |  |                | From       | To     | Alt  | Inten | From           | To     | PY       | PO | CP        | Other | Depth | Type   | Angle | Width | From  | To  | Vein  | Fill |  |  |  |  |
| (m)             | (m)    | Code      | (m)                  | (m)     | Code      |   |  |  |                | (m)        | (m)    | Type | W/M/S | (m)            | (m)    | %        | %  | %         | %     | (m)   |        |       |       | (m)   | (m) | 1 - 5 |      |  |  |  |  |
|                 |        |           |                      |         |           | Another wkly magnetic Qtz/Cal Vn 61.47- 61.54m at 33° TCA.  |  |  |                |            |        |      |       | 61.47          | 61.54  | .5 to 1  |    |           |       |       | 60.67  | Qv    | 42°   | 1     |     |       |      |  |  |  |  |
|                 |        |           | 62.00                | 63.00   | Mv        | Strongly Vn'd to brx Mv. Unit med to dk grn. Qtz/ cal vning at multiple angles TCA. Pyrite both cubic and massive to 2+%. Brecciated Vn 62.7- 63.0m. Core wkly magnetic 62.38 and 62.72m.   |  |  |                | 62.00      | 63.00  | Sil  | W     | 62.00          | 63.00  | 2+       |    | 0.05      |       |       | 61.10  | Brx   | 32°   | 3     |     |       |      |  |  |  |  |
|                 |        |           | 63.00                | 76.38   | MV        | Similar to 58.75m. Wk vning. Minor .5 cm wide, purple coloured Cal Vn 64.0- 64.15m c/w .5% Py.  |  |  |                | 63.00      | 76.38  | Sil  | W     | 64.00          | 64.15  | .5 to 1  |    |           |       |       | 64.00  | Vn    | 20°   | 0.5   |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           | Sections of core wkly Amygdal. Note: 4 cm wide, wkly magnetic Qtz/ Cal Vn 64.94- 65.0m. Another wkly magnetic, 1 cm wide Qtz/ Cal Vn at 65.55m c/w 0.5% Py. Core irreg Cal Vn'd 66.63- 67.3m c/w wk Py. Note: Irreg strongly Py, wkly magnetic Cal Vn 68.27- 68.4m. Py 1- 2%. Another Pyritic Vn System 69.4- 69.7m. Wk hem on occas, small Qv frags. Note: Ext Pyritic Vning 71.32- 71.85m. Py to 10+ %. All core in this Interval wkly magnetic.  |  |  |                |            |        |      |       | 68.27          | 68.40  | 1 to 2   |    |           |       |       | 64.94  | Vn    | 70°   | 4     |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 69.40          | 69.70  | 2 to 4   |    | 0.05      |       |       | 65.53  | Vn    | 65°   | 1     |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 71.32          | 71.85  | 10+      |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
| 76.38           | 77.28  | BX        | 76.38                | 77.28   | Bx        | Med to dk grn, well pk'd Bx. Frags angular to poorly rd'd. Frags to 4 cms max dia- possibly Magnetite rich.   |  |  |                | 76.38      | 77.28  | Chl  | S     |                |        |          |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                | 76.38      | 77.28  | Sil  | W     |                |        |          |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
| 77.28           | 82.88  | MV        | 77.28                | 82.88   | GB        | Med grn Mv/Gb c/w minor Vning. Pillow top at 77.53m. Unit has gabbroic texture 77.87- 79.58 and 81.25- 82.88m. From 79.57- 81.31m Unit wkly vn'd Mv. Note: Vn brx 80.41- 80.61m c/w purple ang to rd'd frags- max dia 2.5 cms. Py 1- 2%. Upper cont at 78° TCA.   |  |  |                | 77.28      | 79.58  | Sil  | M     | 80.41          | 80.61  | 1 to 2   |    |           |       |       | 79.57  | Cont  | 25°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                | 79.58      | 81.71  | Sil  | M     |                |        |          |    |           |       |       | 80.41  | Cont  | 78°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                | 81.71      | 82.88  | Sil  | W/M   |                |        |          |    |           |       |       | 80.91  | Jt    | 7°    |       |     |       |      |  |  |  |  |
| 82.88           | 86.66  | BX        | 82.88                | 86.62   | Vn Bx     | Heavily Vn'd and brecciated Interval. Sulfides 10+ % mainly Py. Vn mainly calcite. Py cubic to massive. Vns often strongly magnetic c/w purple tinge. Core has deformed spherulitic look.   |  |  |                | 82.88      | 86.62  | Sil  | W     | 82.88          | 86.62  | 10+      |    |           |       |       | 81.31  | Cont  | 10°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       |                |        |          |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
| 86.62           | 109.50 | MV        | 86.62                | 109.50  | Mv        | Mod vn'd, med to dk grn, Mv. Increased Cal vning c/w up to 5% Py from 87.64- 88.74, 89.49- 90.18, 90.84- 91.67 and 92.74- 93.25m. Vns at multiple angles TCA. Py generally on margins of Vns. Note: Amygdules to .5 cm scattered throughout. Wk Py occurs on fract 96.17- 100.0m. Minor vning coupled with gabbroic texture 97.56- 100.0m. Increased Py and Cal Vning at various angles 100.0- 102.4m. Py wkly dist throughout core 102.4-109.5m assoc c/w wk Vning. Qtz / cal Vn system 104.96- 105.93m. Upper contact of this interval at 63° TCA, lower contact gradational. |  |  |                | 86.62      | 109.50 | Sil  | W     | 87.64          | 88.74  | 5+       |    |           |       |       |        |       |       | 87.14 | Jt  | 10°   |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 89.49          | 90.18  | 5+       |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 90.84          | 91.67  | 5+       |    | 0.25      |       |       |        |       |       |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 92.74          | 93.25  | 5+       |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 100.00         | 102.40 | .5+      |    |           |       |       | 102.24 | Vn    | 18°   | 0.5   |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 102.40         | 104.96 | 0.1      |    |           |       |       | 104.96 | Cont  | 63°   |       |     |       |      |  |  |  |  |
| 109.50          | 134.84 | GB        | 109.50               | 134.84  | Gb        | Poorly Vn'd, med grd, mass Gabbro. Dark grn to grnsh blk c/w abt wh phenos. Py to .5% both diss and on fract c/w weak Vning. Note: Vn brx system 112.51- 113.11m. Upper cont at 25° TCA.  |  |  |                | 109.50     | 122.10 | Sil  | M     | 112.51         | 113.11 | 0.05     |    |           |       |       | 112.51 | Cont  | 25°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                | 122.10     | 123.00 | Sil  | M/S   | 113.11         | 134.84 | .1 to .3 |    |           |       |       | 115.17 | Vn    | 30°   | 1.2   |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                | 127.20     | 134.84 | Sil  | M/S   | 126.51         | 126.89 | 1 to 2   |    |           |       |       | 115.93 | Vn    | 35°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 134.57         | 134.84 | 2 to 5   |    |           |       |       | 120.81 | Vn    | 0°    | 1     |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       |                |        |          |    |           |       |       | 132.94 | Jt    | 17°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       |                |        |          |    |           |       |       | 134.57 | Vn    | 20°   | 0.4   |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       |                |        |          |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
| 134.84          | 137.03 | ID        | 134.84               | 137.03  | Gr Dyke   | Pinkish- brnsh gy Felsic Dyke. Numerous Qvs at upper contact. Dyke carries nil sulfides. Unit med grained.  |  |  |                | 134.84     | 137.03 | Sil  | S     | 134.84         | 137.03 | 0        |    |           |       |       | 134.84 | Cont  | 15°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       |                |        |          |    |           |       |       | 134.88 | Vn    | 17°   | 1.2   |     |       |      |  |  |  |  |
| 137.03          | 151.64 | GB        | 137.03               | 151.64  | Gb        | Dark grnsh- blk, mod to strongly sil Gabbro. Note: Small Felsic Dyke 137.63- 137.90m- lower contact undulating. Gabbro wkly to mod vn'd. Note: Py halos around 2 Cal Vns 141.11- 141.52m. Core exhibits increased Cal Vning 145.3- 146.6m c/w 1- 2% Py. Redrilled core 147.88- 148.44 and 149.48- 149.73m. Increase in Vning 151.28- 151.64m c/w nil Sulfides.  |  |  |                | 137.03     | 151.64 | Sil  | M/S   | 137.03         | 151.64 | 0.03     |    |           |       |       |        |       |       |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 141.11         | 141.52 | 1 to 2   |    |           |       |       | 137.63 | Cont  | 30°   |       |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       | 145.30         | 146.60 | 1 to 2   |    |           |       |       | 141.11 | Vn    | 20°   | 0.5   |     |       |      |  |  |  |  |
|                 |        |           |                      |         |           |   |  |  |                |            |        |      |       |                |        |          |    |           |       |       | 151.45 | Vn    | 32°   | 1     |     |       |      |  |  |  |  |
| 151.64          | 152.30 | P         | 151.64               | 152.30  | Fel Dyke  | Granitoid Dyke. Sim to 134.84m. Greyish Pink c/w small, abt, elongated grn- blk phenos to .4 cm max   |  |  |                | 151.64     | 152.30 | Sil  | S     |                |        |          |    |           |       |       | 151.64 | Cont  | 34°   |       |     |       |      |  |  |  |  |

| HOLE ID #       |        | RPX-11-01 | Property             | Block A | Drill No. |   | Logged By: DFR |            |      |       |        |                |         |    |    |           |        |      |       |       |      |     |       |      |
|-----------------|--------|-----------|----------------------|---------|-----------|---|----------------|------------|------|-------|--------|----------------|---------|----|----|-----------|--------|------|-------|-------|------|-----|-------|------|
| MAJOR LITHOLOGY |        |           | Subsidiary Lithology |         |           | COMMENTS  |                | Alteration |      |       |        | MINERALIZATION |         |    |    | STRUCTURE |        |      |       |       |      |     |       |      |
| From            | To     | LITHO     | From                 | To      | LITHO     |   | From           | To         | Alt  | Inten | From   | To             | PY      | PO | CP | Other     | Depth  | Type | Angle | Width | From | To  | Vein  | Fill |
| (m)             | (m)    | Code      | (m)                  | (m)     | Code      |   | (m)            | (m)        | Type | W/M/S | (m)    | (m)            | %       | %  | %  | %         | (m)    |      |       |       | (m)  | (m) | 1 - 5 |      |
|                 |        |           |                      |         |           | length. Poss Biotite.   |                |            |      |       |        |                |         |    |    |           | 152.30 | Cont | 45°   |       |      |     |       |      |
| 152.30          | 153.32 | GB        | 152.30               | 153.32  | Gb        | Med grained, med gy, massive Gabbro. Unit wkly vn'd. Lower cont at 90° TCA.                           | 152.30         | 153.32     | Sil  | S     |        |                |         |    |    |           | 153.32 | Cont | 90°   |       |      |     |       |      |
| 153.32          | 154.29 | P         | 153.32               | 154.29  | Fel Dyke  | Granitoid Dyke. Similar to 134.84m. Wk Qtz (1 to 2%), Possible alt'd Diorite Dyke.                    | 153.32         | 154.29     | Sil  | M/S   |        |                |         |    |    |           | 154.29 | Cont | 90°   |       |      |     |       |      |
| 154.29          | 200.00 | MV        | 154.29               | 200.00  | GB        | Med to dk grn, fgnd, mod sil Mv/ Gb. Wk vning, unit massive. Note: Minor, Felsic/ sil Dyke 156.7      | 159.29         | 200.00     | Sil  | M/S   | 154.29 | 200.00         | 0.05    |    |    |           | 156.96 | Cont | 45°   |       |      |     |       |      |
|                 |        |           |                      |         |           | to 156.96m. Another very minor Felsic Dyke 154.7- 154.79m. Cal Vn to .6 cm 159.38- 159.52m            |                |            |      |       | 161.37 | 162.09         | 0.5     |    |    |           | 159.38 | Cv   | 20°   | 0.6   |      |     |       |      |
|                 |        |           |                      |         |           | at 20° TCA. Three, narrow to .4 cm wide, pyritic to .5% mainly in selvages, Qtz/calcite               |                |            |      |       |        |                |         |    |    |           |        |      |       |       |      |     |       |      |
|                 |        |           |                      |         |           | veinlets from 161.37- 162.09m. Wk Qtz/ cal Vning 164.97- 165.27 and 165.75- 165.81m. Py peripheral    |                |            |      |       | 164.97 | 165.27         | .5 to 1 |    |    |           | 161.37 | Qv   | 18°   | 0.4   |      |     |       |      |
|                 |        |           |                      |         |           | to Vns. Slight increase in Qtz/ cal vns 175.85- 182.0m. Minor Cvs 180.32- 180.38 and 181.26- 181.34m. |                |            |      |       |        |                |         |    |    |           | 164.97 | Vn   | 15°   | 1.5   |      |     |       |      |
|                 |        |           |                      |         |           | Core massive dk grn Gabbro 182.0- 200.0m.   |                |            |      |       |        |                |         |    |    |           | 178.53 | Vn   | 56°   | 9     |      |     |       |      |
|                 |        |           |                      |         |           |   |                |            |      |       |        |                |         |    |    |           | 180.32 | Vn   | 69°   | 3     |      |     |       |      |
|                 |        |           |                      |         |           | <b>Down Hole Survey</b>   |                |            |      |       |        |                |         |    |    |           | 181.26 | Vn   | 77°   | 7.5   |      |     |       |      |
| EOH             | 200m   |           |                      |         |           | Depth Azimuth Dip   |                |            |      |       |        |                |         |    |    |           |        |      |       |       |      |     |       |      |
|                 |        |           |                      |         |           | 5m 186.1° -41.9°  |                |            |      |       |        |                |         |    |    |           |        |      |       |       |      |     |       |      |
|                 |        |           |                      |         |           | 95m 189.4° -41.6°   |                |            |      |       |        |                |         |    |    |           |        |      |       |       |      |     |       |      |
|                 |        |           |                      |         |           | 194m 185.6° -40.8°  |                |            |      |       |        |                |         |    |    |           |        |      |       |       |      |     |       |      |