

|     |   |   |  |  |                              |          |   |
|-----|---|---|--|--|------------------------------|----------|---|
| 200 |   |   |  |  |                              | V/11/205 | V/11 CONTINUED  |
| 210 |   |   |  |  |                              | V/11/210 |   |
|     |   |   |  |  |                              | V/11/215 |   |
|     |   |   |  |  |                              | V/11/220 |   |
| 220 |   |   |  |  |                              | V/11/225 |   |
|     |   |   |  |  |                              | V/11/230 |   |
| 230 |   |   |  |  |                              | V/11/235 |   |
|     |   |   |  |  |                              | V/11/240 |   |
| 240 |   |   |  |  |                              | V/11/245 |   |
|     |   |   |  |  |                              | V/11/250 |   |
| 250 |   |   |  |  |                              | V/11/255 |   |
|     |   |   |  |  |                              | V/11/260 |   |
| 260 |   |   |  |  |                              | V/11/265 |   |
|     |   |   |  |  |                              | V/11/270 |   |
| 270 |   |   |  |  |                              | V/11/275 |   |
|     |   |   |  |  |                              | V/11/280 |   |
| 280 |   |   |  |  |                              | V/11/285 |   |
|     |   |   |  |  |                              | V/11/290 |   |
| 290 |   |   |  |  |                              | V/11/295 |   |
|     |   |   |  |  |                              | V/11/300 |   |
| 300 |   |   |  |  |                              | V/11/305 |   |
|     | 300-305ft   | 10-20% of cuttings - coarse sand suggesting bands of sand through carbonaceous silty sand   |  |  |                              | V/11/310 |   |
| 310 |   |   |  |  |                              | V/11/315 |   |
|     | 315-320ft   | Rare < 1% frags of yellow brown. fine clay through silty sand => Banding?   |  |  |                              | V/11/320 |   |
| 320 |   |   |  |  |                              | V/11/325 |   |
|     | 320-330ft   | Rare < 1% pebbles of decomposed dolerite (green igneous host) through silty sand. Gr size ↑ & depth. Sand component ↑ & depth. Gradational boundary.  |  |  |                              | V/11/330 |   |
| 330 |   |   |  |  |                              | V/11/335 |   |
|     |   | <b>COARSE SAND</b> Cuttings predom sand & 45% silty clay component. Variable grey to orange brown colour. Sand predom Qtz - clear to white - angular. Rare fspars (yellow) & rare lithic (black) frags.   | 5% brown brownst. silty clay frags                 | n.p.   | As minor sand const. (rare). | V/11/340 |   |
| 340 |   |   |  |  |                              | V/11/345 |   |
|     |   | <b>DOLERITE, QZT GRAVEL</b> Cuttings predom gravel. 50-60% in fine gr silty clay matrix (contam?) Gravel const include Qtz 30%, Qtzite? 20% (sub rnded) grey to white. + apparent black to dark grey lithic frags (dolerite), hard 50%. sub rnded to angular.   | n.p.   | n.p.   | ?                            | V/11/350 |   |
| 350 |   |   |  |  |                              | V/11/355 |   |
|     |   | <b>SILTY SAND</b> Grey. Predom sand 50-60% in fine gr silty clay matrix. 40-50% sand & obvious Qtz (ang, clear to grey) + common black specks 2-3% carb. material? Rare orange (liming) streaks through silty matrix 1-2%.  | As ferrug stain in rare orange clayey streaks 1-2% | Rare Common black specks 2-3% carb. material | Fit to clay mins             | V/11/360 |   |
| 360 |   |   |  |  |                              | V/11/365 |   |
|     |   | Distinct boundary.  |  |  |                              | V/11/370 |   |
| 370 |   | <b>CARBONACEOUS PEATY CHIPS IN SILT</b> Peaty black chips 90-100% with minor carbonaceous silt fragments.   | n.p.   | 90-100% peat.                                | n.p.?                        | V/11/375 |   |
|     |   |   |  |  |                              | V/11/380 |   |
|     |   | <b>SANDY SILTY CLAY</b> Variable light grey, dark grey to orange brown in colour. Coarse feel due to common 2% qtz pebbles 1/8" + hard angular, siliceous? silt fragments (light grey) => possible banding. Sand & obvious ang Qtz. Silt and clay fine gr, predom clay mins. Orange coloration due to ferrugst of clay matrix? Abundance ↑ & depth. Gradational boundary. | As ferrug stain in orange clay.                    | Rare Peaty chips 2-3%.                       | Fit to clay mins             | V/11/385 | Extensive contamination of cuttings with washing medium disallows separation of components and accurate % abundance determinations. |
| 380 |   |   |  |  |                              | V/11/390 |   |
|     |   | <b>DOLERITE BOULDER BED</b> Cuttings predom dolerite 50-60% ↑ & depth. green & apparent igneous texture. 30% of cuttings - orange brown sandy silty clay & apparent Qtz frags. Rare peaty chips 1%.   | As ferrug stain in orange clay.                    | Rare peaty chips 1%                          | Fit to clay mins             | V/11/395 |   |
| 390 |   |   |  |  |                              | V/11/400 |   |
|     |   | <b>CLAY AFTER DOLERITE</b> Dolerite frags 50-90% of cuttings. ↑ & depth. Green & profound igneous texture.  |  |  |                              | V/11/405 |   |
| 400 |   |   |  |  |                              | V/11/410 |   |
|     |   | 10% of cuttings sandy silty clay ↓ & depth (contamination)  |  |  |                              | V/11/412 |   |
| 410 |   |   |  |  |                              |          |   |
|     |   | Hardness ↑ & depth as degree of decomposition ↓ & depth.  |  |  |                              |          |   |
| 420 |   |   |  |  |                              |          |   |
|     | <b>END OF HOLE - DOLERITE BASEMENT - 42 FEET.</b> |   |  |  |                              |          |   |

