# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
## GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

| | | | |
|---|---|---|---|
| PROJECT NO. 8.T190301 | ID. R-2514A | COUNTY ONSLOW | GEOLOGIST W.T. HART |
| SITE DESCRIPTION -L- (US 17) OVER STARKY'S CREEK | | | GROUND WATER |
| BORING NO. EBI-A (SBL) | BORING LOCATION 182+59.5 | OFFSET 15.4 m LT. / ALIGNMENT -L- | 0 HR. N.M. |
| COLLAR ELEV. 10.76 m | NORTHING 0.00 | EASTING 0.00 | 24 HR. 1.0 m |
| TOTAL DEPTH 19.51 m | DRILL MACHINE CME-45B | DRILL METHOD ROTARY W/MUD | HAMMER TYPE AUTOMATIC |
| START DATE 5/10/99 | COMPLETION DATE 5/10/99 | SURFACE WATER DEPTH | DEPTH TO ROCK |

| ELEV. | DEPTH | BLOW COUNT 15cm | 15cm | 15cm | PEN. (m) | BLOWS PER 30cm (0 25 50 75 100) | SAMPLE NUMBER | MOI. | LOG | SOIL AND ROCK DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 10.76 | 0.0 | 1 | 1 | 2 | 0.3 | 3 | | | | |
| 10.00 | 0.76 | WOH | WOH | WOH | 0.3 | 0 | SS-17 | 16% ARTE | | TAN-BROWN SILTY SAND AND SANDY CLAY, MOI. TO WET (FILL) |
| | 1.52 | WOH | WOH | WOH | 0.3 | 0 | | | | |
| | 2.29 | 0 | 1 | 0 | 0.3 | 1 | SS-18 | | | |
| 8.00 | 3.05 | 0 | 1 | 0 | 0.3 | 1 | | | | DARK BROWN ORGANIC SAND, SAT. (ALLUVIUM) |
| | 4.14 | 2 | 2 | 6 | 0.3 | 8 | SS-19 | | | |
| 6.00 | 5.67 | 11 | 13 | 16 | 0.3 | 29 | SS-20 | | | TAN-GRAY FINE TO COARSE SAND, SAT. |
| 4.00 | 7.19 | 10 | 14 | 18 | 0.3 | 32 | SS-21 | | | GREEN-GRAY CLAYEY SANDY SILT, WET (RIVER BEND FORMATION) |
| 2.00 | 8.72 | 6 | 6 | 9 | 0.3 | 15 | | | | |
| | 10.24 | 3 | 3 | 6 | 0.3 | 9 | SS-22 | | | |
| 0.00 | 11.77 | 4 | 6 | 8 | 0.3 | 14 | | | | GREEN-GRAY CLAYEY FINE TO COARSE SAND, SAT. |
| -2.00 | 13.29 | 4 | 9 | 11 | 0.3 | 20 | | | | |
| -4.00 | 14.81 | 20 | 24 | 17 | 0.3 | 41 | | | | |
| | 16.34 | 24 | 30 | 33 | 0.3 | 63 | | | | MODERATELY INDURATED MOLLUSCAN-MOLD SANDY LIMESTONE, SAT. |
| -6.00 | 17.86 | 23 | 17 | 38 | 0.3 | 55 | | | | |
| -8.00 | 19.39 | 50 | | | 0.12 | 100+ | | | | |