

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 30 OF 79

| PROJECT NO. 8.1830501 | | ID. R-2206B | | COUNTY LINCOLN | | | GEOLOGIST MURRAY C.C. | | | | | | |
|---|-------|--------------------------|------|--------------------------|----------|-----------------------|-----------------------|--------------|----|---------------|------|-----|--|
| SITE DESCRIPTION NC 16 PROPOSED (-L- NBL) / FORNEY CRK & CSX R.R. | | | | | | | | GROUND WATER | | | | | |
| BORING NO. EB2-A | | BORING LOCATION 124+57.5 | | OFFSET 8.000 | | ALIGNMENT L | | 0 HR. 4.5 | | | | | |
| COLLAR ELEV. 219.050 | | NORTHING 0.00 | | EASTING 0.00 | | 24 HR. 2.4 | | | | | | | |
| TOTAL DEPTH 5.44 | | DRILL MACHINE CME-550 | | DRILL METHOD H.S. AUGERS | | HAMMER TYPE AUTOMATIC | | | | | | | |
| START DATE 2/16/0 | | COMPLETION DATE 2/16/0 | | SURFACE WATER DEPTH | | DEPTH TO ROCK 5.44 | | | | | | | |
| ELEV. | DEPTH | BLOW COUNT | | | PEN. (m) | BLOWS PER 30cm | | | | SAMPLE NUMBER | MOI. | LOG | SOIL AND ROCK DESCRIPTION |
| | | 15cm | 15cm | 15cm | | 0 | 25 | 50 | 75 | | | | |
| 219.05 | | | | | | | | | | | | | |
| 218.00 | 1.26 | 2 | 2 | 4 | 0.3 | 6 | | | | S-35 | M | | (ALLUVIUM) BRN-TAN MED. STIFF SILTY F. SANDY CLAY |
| 216.00 | 2.78 | 2 | 3 | 11 | 0.3 | 14 | | | | SS-37 | M | | (RESIDUAL) OLIVE-TAN-GRAY STIFF CLAYEY F. SANDY SILT |
| 214.00 | 4.3 | 10 | 36 | 53 | 0.3 | | | | 89 | SS-38 | D | | OLIVE-TAN-GRAY V. DENSE CLAYEY SILTY F. SAND |
| 212.00 | | | | | | | | | | | | | |
| 210.00 | | | | | | | | | | | | | |
| 208.00 | | | | | | | | | | | | | |
| 206.00 | | | | | | | | | | | | | |
| 204.00 | | | | | | | | | | | | | |
| 202.00 | | | | | | | | | | | | | |
| 200.00 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | AUGER REFUSAL AT ELEV. 213.606 ON HARD ROCK |