# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
# GEOTECHNICAL UNIT BORING LOG



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|---|---|---|---|---|
| PROJECT NO. 6.469002T | ID. R-0513C | COUNTY ROBESON | GEOLOGIST M.H. STEPHENS | |
| SITE DESCRIPTION SITE 1: -Y1- (SR 1164 BACK SWAMP ROAD) OVER -L- (PROP. US 74) | | | | GROUND WATER |
| BORING NO. B1-A | BORING LOCATION STA. 13+99.55 | OFFSET 7.50m. LT | ALIGNMENT -Y1- | 0 HR. N/M |
| COLLAR ELEVATION 41.14 | NORTHING 94,061.714 | EASTING 597,360.372 | | 24 HR. 2.60 |
| TOTAL DEPTH 16.76m. | DRILL MACHINE MOBILE 53 | DRILL METHOD Mud Rotary | HAMMER TYPE MAN. 63.5kg | |
| START DATE 4/20/2001 | COMPLETION DATE 4/20/2001 | SURFACE WATER DEPTH | DEPTH TO ROCK | |

| ELEV. | DEPTH (m) | BLOW COUNT 15cm | 15cm | 15cm | PEN. (m) | BLOWS PER 30cm (0 25 50 75 100) | SAMP. NUM. | MOI. | LOG | SOIL AND ROCK DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 41.14 | | | | | | | | | | 41.14m 0.00m |
| 41.00 | | | | | | | | | | Coastal Plain-Wet Medium Dense Clayey Silty Fine SAND (A-2-4) |
| 40.00 | 1.07 | 4 | 6 | 7 | 0.45 | 13 | | W | | |
| | | | | | | | | | | 39.31m 1.83m |
| 39.00 | | | | | | | | | | Wet Medium Dense to Loose Orange Tan and Gray Fine SAND With Silt (A-2-4) |
| | 2.59 | 7 | 13 | 16 | 0.45 | 29 | | W | | |
| 38.00 | | | | | | | | | | |
| 37.00 | 4.11 | 3 | 3 | 4 | 0.45 | 7 | | W | | |
| | | | | | | | | | | 36.26m 4.88m |
| 36.00 | | | | | | | | | | Wet Loose Tan Fine to Coarse SAND With Silt (A-2-4) |
| | 5.64 | 2 | 2 | 2 | 0.45 | 4 | | W | | |
| 35.00 | | | | | | | | | | |
| 34.00 | 7.16 | 2 | 2 | 2 | 0.45 | 4 | | W | | |
| | | | | | | | | | | 33.21m 7.92m |
| 33.00 | | | | | | | | | | Wet Medium Dense Fine to Coarse SAND With Silt (A-2-4) |
| | 8.69 | 6 | 8 | 9 | 0.45 | 17 | | W | | |
| 32.00 | | | | | | | | | | |