

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

| PROJECT NO. 8.2271401 | | ID. B-3887 | | COUNTY PENDER | | GEOLOGIST K. B. QUICK | | | | | | | | | |
|--|-------------|-------------------------|------|---------------------------|---------------|-----------------------|--------------|----|----|-----|---------------|------|-----|---------------------------|---|
| SITE DESCRIPTION BRIDGE NO. 116 ON SR 1520 OVER SHAKEN CREEK | | | | | | | GROUND WATER | | | | | | | | |
| BORING NO. EBI-A | | BORING LOCATION 15+06 | | OFFSET 6.0' LT. | ALIGNMENT -L- | | 0 HR. N.M. | | | | | | | | |
| COLLAR ELEVATION 16.6' | | NORTHING | | EASTING | | 24 HR. 11.0' | | | | | | | | | |
| TOTAL DEPTH 59.7' | | DRILL MACHINE CME-45B | | DRILL METHOD ROTARY W/MUD | | HAMMER TYPE AUTOMATIC | | | | | | | | | |
| START DATE 8/13/03 | | COMPLETION DATE 8/14/03 | | SURFACE WATER DEPTH N/A | | | | | | | | | | | |
| ELEV. | DEPTH (FT.) | BLOW COUNT | | | PEN. (FT.) | BLOWS PER FOOT | | | | | SAMPLE NUMBER | MOI. | LOG | SOIL AND ROCK DESCRIPTION | |
| | | 0.5' | 0.5' | 0.5' | | 0 | 25 | 50 | 75 | 100 | | | | | |
| 16.6 | | | | | | | | | | | | | | | ASPHALT |
| 15.0 | 2.3 | 2 | 5 | 4 | 1 | | | | | | | SS-1 | | | TAN FINE SAND, MOI. (FILL) |
| | 5.0 | 4 | 3 | 5 | 1 | | | | | | | | | | |
| 10.0 | 8.2 | WOH | 1 | 2 | 1 | | | | | | | SS-2 | | | |
| | 13.2 | WOH | WOH | WOH | 1 | | | | | | | | | | |
| 5.0 | | | | | | | | | | | | | | | |
| 0.0 | 18.2 | 4 | 4 | 5 | 1 | | | | | | | SS-3 | | | TAN GRAY SILTY SANDY CLAY, MOI. TO WET (TERTIARY SEDIMENTS) |
| -5.0 | 23.2 | 60 | | | 0.1 | | | | | | | | | | |
| -10.0 | 28.2 | 5 | 70 | 27 | 1 | | | | | | | SS-4 | | | |
| | 33.2 | 52 | 30 | 14 | 1 | | | | | | | SS-5 | | | |
| -15.0 | | | | | | | | | | | | | | | |
| -20.0 | 38.2 | 14 | 24 | 16 | 1 | | | | | | | SS-6 | | | GRAY FINE TO COARSE INDURATED SAND AND CLAYEY SANDY SILT WITH LIMESTONE FRAGMENTS, WET TO SAT. (PEEDEE FORMATION) |
| -25.0 | 43.2 | 42 | 36 | 43 | 1 | | | | | | | | | | |
| -30.0 | 48.2 | 15 | 15 | 14 | 1 | | | | | | | | | | |
| -35.0 | 53.2 | 15 | 15 | 8 | 1 | | | | | | | SS-7 | | | |
| -40.0 | 58.2 | 6 | 8 | 8 | 1 | | | | | | | SS-8 | | | |
| -45.0 | | | | | | | | | | | | | | | |
| -50.0 | | | | | | | | | | | | | | | |
| -55.0 | | | | | | | | | | | | | | | |

BORING TERMINATED AT
 ELEV. -43.1 FEET IN MEDIUM
 DENSE FINE TO COARSE
 SAND