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

| | | | |
|---|---|---|---|
| **PROJECT NO.** 33322.1.1 | **ID.** B-3879 | **COUNTY** NASH | **GEOLOGIST** L.T. DEL GRECO |
| **SITE DESCRIPTION** BRIDGE NO. 73 ON -L- (SR 1603) OVER STONEY CREEK | | | **GROUND WATER** |
| **BORING NO.** EB2-B | **BORING LOCATION** 23+71 | **OFFSET** 14' RT | **ALIGNMENT** -L- |
| **COLLAR ELEVATION** 122.7' | **NORTHING** 816685 | **EASTING** 2325037 | **0 HR.** 14.1' |
| **TOTAL DEPTH** 45.2' | **DRILL MACHINE** CME-750 | **DRILL METHOD** H.S. AUGERS | **HAMMER TYPE** AUTOMATIC |
| **START DATE** 5/5/04 | **COMPLETION DATE** 5/5/04 | **SURFACE WATER DEPTH** N/A | **DEPTH TO ROCK** N/A |
| | | | **24 HR.** 10.7' |

| ELEV. | DEPTH (FT.) | BLOW COUNT 0.5' | 0.5' | 0.5' | PEN. (FT.) | BLOWS PER FOOT 0 25 50 75 100 | SAMPLE NUMBER | MOI. | LOG | SOIL AND ROCK DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 122.7 | | | | | | | | | | |
| 120.0 | | | | | | | | | | ROADWAY EMBANKMENT, RED-BROWN, SANDY CLAY |
| 115.0 | | | | | | | | | | |
| 110.0 | 13.7 | 1 | 7 | 8 | 1.0 | X 15 | SS-12 | M | | ALLUVIAL, GRAY, SILTY SAND |
| 105.0 | 18.7 | 1 | 7 | 15 | 1.0 | X 22 | | W | | |
| 100.0 | 23.7 | 13 | 7 | 5 | 1.0 | X 12 | | W | | GRAY, CSE. SAND |
| 95.0 | 28.7 | 18 | 19 | 18 | 1.0 | X 37 | SS-13 | M | | RESIDUAL, TAN AND GRAY, SAPROLITIC, SANDY SILT WITH SOME MICA |
| 90.0 | 33.7 | 7 | 7 | 7 | 1.0 | X 14 | SS-14 | W | | |
| 85.0 | 38.7 | 8 | 11 | 12 | 1.0 | X 23 | | M | | |
| 80.0 | 43.7 | 4 | 7 | 11 | 1.0 | X 18 | | W | | |
| 75.0 | | | | | | BORING TERMINATED AT ELEVATION 77.5 FEET IN SANDY SILT | | | | |
| 70.0 | | | | | | | | | | |
| 65.0 | | | | | | | | | | |
| 60.0 | | | | | | | | | | |
| 55.0 | | | | | | | | | | |
| 50.0 | | | | | | | | | | |
| 45.0 | | | | | | | | | | |

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



| | | | |
|---|---|---|---|
| **PROJECT NO.** 33322.1.1 | **ID.** B-3879 | **COUNTY** NASH | **GEOLOGIST** L.T. DEL GRECO |
| **SITE DESCRIPTION** BRIDGE NO. 73 ON -L- (SR 1603) OVER STONEY CREEK | | | **GROUND WATER** |
| **BORING NO.** EB2-BX | **BORING LOCATION** 23+60 | **OFFSET** 14' RT | **ALIGNMENT** -L- |
| **COLLAR ELEVATION** 122.7' | **NORTHING** 816674 | **EASTING** 2325039 | **0 HR.** N/A |
| **TOTAL DEPTH** 25.2' | **DRILL MACHINE** CME-750 | **DRILL METHOD** H.S. AUGERS | **HAMMER TYPE** AUTOMATIC |
| **START DATE** 5/5/04 | **COMPLETION DATE** 5/5/04 | **SURFACE WATER DEPTH** N/A | **DEPTH TO ROCK** N/A |
| | | | **24 HR.** FIAD |

| ELEV. | DEPTH (FT.) | BLOW COUNT 0.5' | 0.5' | 0.5' | PEN. (FT.) | BLOWS PER FOOT 0 25 50 75 100 | SAMPLE NUMBER | MOI. | LOG | SOIL AND ROCK DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 122.7 | | | | | | | | | | |
| 120.0 | 3.7 | WOH | WOH | WOH | 1.0 | X 0 | | M | | ROADWAY EMBANKMENT, RED-BROWN, SILTY CLAY |
| 115.0 | 8.7 | WOH | WOH | WOH | 1.0 | X 0 | | M | | |
| 110.0 | 13.7 | WOH | WOH | 1 | 1.0 | X 1 | | M | | |
| 105.0 | 18.7 | 3 | 4 | 5 | 1.0 | X 9 | SS-10 | W | | ALLUVIAL, BLUE-GRAY, SANDY CLAY |
| 100.0 | 23.7 | 4 | 9 | 21 | 1.0 | X 30 | | W | | GRAY, CSE., SAND |
| 95.0 | | | | | | BORING TERMINATED AT ELEVATION 97.5 FEET IN CSE. SAND | | | | |
| 90.0 | | | | | | | | | | |
| 85.0 | | | | | | | | | | |
| 80.0 | | | | | | | | | | |
| 75.0 | | | | | | | | | | |
| 70.0 | | | | | | | | | | |
| 65.0 | | | | | | | | | | |
| 60.0 | | | | | | | | | | |
| 55.0 | | | | | | | | | | |
| 50.0 | | | | | | | | | | |
| 45.0 | | | | | | | | | | |