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

| | | | |
|---|---|---|---|
| **PROJECT NO.** 33131.1.1 | **ID.** B-3522 | **COUNTY** WAKE | **GEOLOGIST** E.C. CAMPBELL |
| **SITE DESCRIPTION** BRIDGE NO. 215 ON -L- (SR 1007, POOLE RD.) OVER BUFFALO CREEK | | | **GROUND WATER** |
| **BORING NO.** BI-A | **BORING LOCATION** 25+88 | **OFFSET** 1' LT | **ALIGNMENT** -L- |
| **COLLAR ELEVATION** 256.4' | **NORTHING** 737813 | **EASTING** 2182804 | **0 HR.** N/A |
| | | | **24 HR.** DRY |
| **TOTAL DEPTH** 6.7' | **DRILL MACHINE** MOBILE B-57 | **DRILL METHOD** ROTARY WASH | **HAMMER TYPE** MANUAL |
| **START DATE** 1/12/04 | **COMPLETION DATE** 1/12/04 | **SURFACE WATER DEPTH** N/A | **DEPTH TO ROCK** 6.7' |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 255.0 | 0.0 | 1 | 2 | 1 | 1.0 | 3 | SS-6 | W | | ALLUVIAL, TAN, SILTY SAND |
| | 3.4 | 1 | 1 | 1 | 1.0 | 2 | | W | | |
| 250.0 | 6.6 | 60 | | | 0.1 | 60/0.1 | | | | |
| 245.0 | | | | | | AUGER REFUSAL AT ELEVATION 249.7 FEET ON CRYSTALLINE ROCK (GRANITE) | | | | |
| 240.0 | | | | | | | | | | |
| 235.0 | | | | | | | | | | |
| 230.0 | | | | | | | | | | |
| 225.0 | | | | | | | | | | |
| 220.0 | | | | | | | | | | |
| 215.0 | | | | | | | | | | |
| 210.0 | | | | | | | | | | |
| 205.0 | | | | | | | | | | |
| 200.0 | | | | | | | | | | |
| 195.0 | | | | | | | | | | |
| 190.0 | | | | | | | | | | |
| 185.0 | | | | | | | | | | |
| 180.0 | | | | | | | | | | |

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

SHEET 9

| | | | |
|---|---|---|---|
| **PROJECT NO.** 33131.1.1 | **ID.** B-3522 | **COUNTY** WAKE | **GEOLOGIST** E.C. CAMPBELL |
| **SITE DESCRIPTION** BRIDGE NO. 215 ON -L- (SR 1007, POOLE RD.) OVER BUFFALO CREEK | | | **GROUND WATER** |
| **BORING NO.** B2-B | **BORING LOCATION** 26+33 | **OFFSET** 12' RT | **ALIGNMENT** -L- |
| **COLLAR ELEVATION** 253.6' | **NORTHING** 737804 | **EASTING** 2182849 | **0 HR.** 1.0' |
| | | | **24 HR.** 1.4' |
| **TOTAL DEPTH** 2.3' | **DRILL MACHINE** MOBILE B-57 | **DRILL METHOD** H.S. AUGERS | **HAMMER TYPE** MANUAL |
| **START DATE** 1/13/04 | **COMPLETION DATE** 1/13/04 | **SURFACE WATER DEPTH** N/A | **DEPTH TO ROCK** 2.3' |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 1 | 1 | 1 | 1.0 | 2 | | | | ALLUVIAL, LIGHT GRAY, SILTY SAND |
| | 2.2 | 60 | | | 0.1 | 60/0.1 | | W | | |
| 250.0 | | | | | | AUGER REFUSAL AT ELEVATION 251.3 FEET ON CRYSTALLINE ROCK (GRANITE) | | | | |
| 245.0 | | | | | | | | | | |
| 240.0 | | | | | | | | | | |
| 235.0 | | | | | | | | | | |
| 230.0 | | | | | | | | | | |
| 225.0 | | | | | | | | | | |
| 220.0 | | | | | | | | | | |
| 215.0 | | | | | | | | | | |
| 210.0 | | | | | | | | | | |
| 205.0 | | | | | | | | | | |
| 200.0 | | | | | | | | | | |
| 195.0 | | | | | | | | | | |
| 190.0 | | | | | | | | | | |
| 185.0 | | | | | | | | | | |
| 180.0 | | | | | | | | | | |
| 175.0 | | | | | | | | | | |