



2701 ROWLAND ROAD
 RALEIGH, NORTH CAROLINA 27615
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| PROJECT NO. 8.1711301 | | ID. B-3300 | | COUNTY ASHE | | GEOLOGIST J. HARRIS | | | | | | | |
|---|---------------|-----------------------------|-------|--------------------------------|-----------------|---------------------|-------------------|----|----|--------------|-------|---|-----|
| SITE DESCRIPTION BRIDGE #57 ON NC 88 OVER BUFFALO CREEK | | | | | | | GROUND WATER (ft) | | | | | | |
| BORING NO. EB1-A-1 | | BORING LOCATION 16+62 | | OFFSET 18' LT. | | ALIGNMENT -L- | | | | | | | |
| COLLAR ELEV. 2789.8 ft | | NORTHING 985,875.1 | | EASTING 1,261,328.8 | | 0 HR. DRY | | | | | | | |
| TOTAL DEPTH 18.20 ft | | DRILL MACHINE DIEDRICH D-50 | | DRILL METHOD HOLLOW STEM AUGER | | HAMMER TYPE AUTO | | | | | | | |
| DATE STARTED 5-14-03 | | COMPLETED 5-14-03 | | SURFACE WATER DEPTH N/A | | | | | | | | | |
| ELEV. (ft) | DEPTH (ft) | BLOW COUNT | | | BLOWS PER FOOT | | | | | SAMP. NO. | LOG | SOIL AND ROCK DESCRIPTION | |
| | | 0.5ft | 0.5ft | 0.5ft | 0 | 20 | 40 | 60 | 80 | | | | 100 |
| 2789.80 | | | | | EXISTING GROUND | | | | | | | 2789.80 0.00 | |
| | 1.00 | 5 | 2 | 3 | | | | | | | MOIST | RDWY EMB: YELLOW BROWN, MED. STIFF, SANDY SILT (A-4) WITH GRAVEL SIZED ROCK FRAGMENTS | |
| | 3.50 | 6 | 4 | 2 | | | | | | | MOIST | | |
| 2785 | 6.00 | 1 | 1 | 4 | | | | | | | DRY | RES: BROWN, MED. STIFF, SANDY SILT (A-4) WITH GRAVEL SIZED ROCK FRAGMENTS | |
| | 8.50 | 6 | 9 | 8 | | | | | | | MOIST | RES: DARK GRAY AND BROWN, MED. DENSE TO V. LOOSE, SILTY SAND (A-2-4) WITH GRAVEL SIZED ROCK FRAGMENTS | |
| 2780 | 11.00 | 1 | 1 | 2 | | | | | | | MOIST | | |
| | 13.50 | 3 | 2 | 6 | | | | | | | MOIST | | |
| 2775 | 18.00 | 20/2 | | | | | | | | | WET | WR: BLACK AMPHIBOLITE GNEISS/SCHIST BORING TERMINATED WITH SPT REFUSAL AT ELEV. 2771.6' ON CR: BLACK AMPHIBOLITE GNEISS | |

NCDOT_BORE 03-017(BRIDGE#57 ON NC 88).GPJ NCDOT.GDT 7/22/03