

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

| PROJECT NO 8.1621301 | | ID I-2102 | | COUNTY FORSYTH | | GEOLOGIST R.W. TODD | | | | | | | |
|--|-------|---------------------------|--------------------------|--------------------|----------|--------------------------|-----------|----|----|-----------|-----|-----|---|
| SITE DESCRIPTION BRIDGE #244 ON SR 1101 (-LREV-) OVER I-40 | | | | | | | GND WATER | | | | | | |
| BORING NO EB2-B | | NORTHING 0.00 | | EASTING 0.00 | | 0 HR 51.00ft | | | | | | | |
| ALIGNMENT LREV | | BORING LOCATION 22+39.500 | | OFFSET 46.00ft RT | | 24 HR 37.00ft | | | | | | | |
| COLLAR ELEV 810.50ft | | TOTAL DEPTH 75.90ft | | START DATE 6/12/03 | | COMPLETION DATE 06/12/03 | | | | | | | |
| DRILL MACHINE CME-550 | | | DRILL METHOD H.S. AUGERS | | | HAMMER TYPE AUTOMATIC | | | | | | | |
| SURFACE WATER DEPTH | | | DEPTH TO ROCK N/A | | | Log EB2-B, Page 1 of 2 | | | | | | | |
| ELEV | DEPTH | BLOW CT | | | PEN (ft) | BLOWS PER FOOT | | | | SAMPLE NO | MOI | LOG | SOIL AND ROCK DESCRIPTION |
| | | 6in | 6in | 6in | | 0 | 25 | 50 | 75 | | | | |
| 810.50 | | | | | | | | | | | | | Ground Surface |
| | 4.60 | 2 | 3 | 3 | 1.0 | | | | | | | | (ROADWAY FILL) BROWN, MED. STIFF, MOIST, SILTY SANDY CLAY |
| | 9.60 | 1 | 2 | 4 | 1.0 | | | | | | | | (RESIDUAL) BROWN, MED. STIFF, MOIST, F. SANDY SILTY CLAY |
| | 14.60 | 1 | 2 | 3 | 1.0 | | | | | | | | |
| | 19.60 | 2 | 2 | 3 | 1.0 | | | | | | | | |
| | 24.60 | 2 | 2 | 3 | 1.0 | | | | | | | | |
| | 29.60 | 1 | 2 | 3 | 1.0 | | | | | | | | |
| | 34.60 | 1 | 2 | 3 | 1.0 | | | | | | | | |
| | 39.60 | 1 | 2 | 1 | 1.0 | | | | | | | | BROWN-TAN-WHITE, SOFT-MED. STIFF, WET, CLAYEY V. SANDY SILT |
| | 44.60 | 1 | 2 | 3 | 1.0 | | | | | | | | |
| 762.50 | | | | | | | | | | | | | Continued on the next page |

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| SURFACE WATER DEPTH | | | DEPTH TO ROCK N/A | | | Log EB2-B, Page 2 of 2 | | | | | | | |
| ELEV | DEPTH | BLOW CT | | | PEN (ft) | BLOWS PER FOOT | | | | SAMPLE NO | MOI | LOG | SOIL AND ROCK DESCRIPTION |
| | | 6in | 6in | 6in | | 0 | 25 | 50 | 75 | | | | |
| 762.50 | | | | | | | | | | | | | |
| | 49.60 | 5 | 7 | 12 | 1.0 | | | | | | | | SS-17 |
| | 54.60 | 5 | 10 | 16 | 1.0 | | | | | | | | D |
| | 59.60 | 6 | 11 | 17 | 1.0 | | | | | | | | D |
| | 64.60 | 21 | 17 | 18 | 1.0 | | | | | | | | D |
| | 69.60 | 35 | 50 | 38 | 1.0 | | | | | | | | D |
| | 74.60 | 29 | 47 | 53 | 0.2 | | | | | | | | D |
| | | | | | | | | | | | | | (WEATHERED ROCK) |
| | | | | | | | | | | | | | BORING TERMINATED AT ELEV. 734.6' IN WEATHERED ROCK |