

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

| PROJECT NO 8.1910203 | | ID R-977A | | COUNTY CHEROKEE | | GEOLOGIST L.A. MANN | | | | | | | |
|--|-------|---------------------------|-------------------------------|--------------------|---------|---------------------------|-----------|----|----|-----------|-----|-----|---|
| SITE DESCRIPTION PROPOSED BRIDGE ON US 64 OVER SR 1558 | | | | | | | GND WATER | | | | | | |
| BORING NO EBL B1-A | | NORTHING 0.00 | | EASTING 0.00 | | 0 HR N/A | 24 HR N/A | | | | | | |
| ALIGNMENT L-REV | | BORING LOCATION 40+88.000 | | OFFSET 8.00m RT | | | | | | | | | |
| COLLAR ELEV 493.54m | | TOTAL DEPTH 12.75m | | START DATE 8/07/97 | | COMPLETION DATE 08/11/97 | | | | | | | |
| DRILL MACHINE CME 550 | | | DRILL METHOD SPT CAS ADV NXWL | | | HAMMER TYPE AUTOMATIC | | | | | | | |
| SURFACE WATER DEPTH | | | DEPTH TO ROCK 8.44m | | | Log EBL B1-A, Page 1 of 1 | | | | | | | |
| ELEV | DEPTH | BLOW CT | | | PEN (m) | BLOWS PER 30cm | | | | SAMPLE NO | MOI | LOG | SOIL AND ROCK DESCRIPTION |
| | | 15cm | 15cm | 15cm | | 0 | 25 | 50 | 75 | | | | |
| 493.54 | | | | | | | | | | | | | |
| 493.00 | 0.80 | 6 | 19 | 32 | 0.3 | | | | | | | | SAPROLITE: BROWN AND GREEN, V. DENSE SILTY COARSE SAND |
| 491.00 | 2.32 | 23 | 65 | 35 | 0.2 | | | | | | | | SOFT WEATHERED ROCK: BROWN AND GREEN CLAYEY FINE SANDY SILT |
| 489.00 | 3.85 | 37 | 100 | 0 | 0.1 | | | | | | | | |
| 487.00 | 5.37 | 100 | 0 | 0 | 0.1 | | | | | | | | |
| 485.00 | 6.90 | 100 | 0 | 0 | 0.1 | | | | | | | | |
| 483.00 | 8.41 | 100 | 0 | 0 | 0.0 | | | | | | | | |
| 481.00 | | | | | | | | | | | | | |
| 480.79 | | | | | | | | | | | | | |
| BORING TERMINATED AT ELEVATION 480.788 METERS IN ROCK. | | | | | | | | | | | | | |