

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

| PROJECT NO 8.1910203 | | ID R-977A | | COUNTY CHEROKEE | | GEOLOGIST T. P. SHELTON | | | | | | | | |
|---|-------|---------------------------|--------------------------|--------------------|---------|----------------------------|-----------|----|----|-----|-----------|--------|---|--|
| SITE DESCRIPTION PROPOSED BRIDGE ON US 64 OVER SR 1558 | | | | | | | GND WATER | | | | | | | |
| BORING NO EBL EB2-A | | NORTHING 0.00 | | EASTING 0.00 | | 0 HR N/A | | | | | | | | |
| ALIGNMENT L-REV | | BORING LOCATION 41+82.720 | | OFFSET 5.33m RT | | 24 HR N/A | | | | | | | | |
| COLLAR ELEV 498.19m | | TOTAL DEPTH 9.12m | | START DATE 1/28/98 | | COMPLETION DATE 01/28/98 | | | | | | | | |
| DRILL MACHINE CME 550 | | | DRILL METHOD SPT CAS ADV | | | HAMMER TYPE AUTOMATIC | | | | | | | | |
| SURFACE WATER DEPTH | | | DEPTH TO ROCK N/A | | | Log EBL EB2-A, Page 1 of 1 | | | | | | | | |
| ELEV | DEPTH | BLOW CT | | | PEN (m) | BLOWS PER 30cm | | | | | SAMPLE NO | LOG | SOIL AND ROCK DESCRIPTION | |
| | | 15cm | 15cm | 15cm | | 0 | 25 | 50 | 75 | 100 | | | | |
| 498.19 | | | | | | | | | | | | | | |
| 497.00 | 1.09 | 13 | 24 | 44 | 0.3 | | | | | 58 | | SS-351 | SAPROLITE: RED AND TAN, HARD CLAYEY FINE SANDY SILT WITH INTERMITTENT SOFT WEATHERED ROCK SEAMS | |
| 495.00 | 2.61 | 46 | 100 | 0 | 0.1 | | | | | 100 | | | | |
| 493.00 | 4.14 | 19 | 30 | 44 | 0.3 | | | | | 74 | | | | |
| 491.00 | 5.65 | 30 | 59 | 41 | 0.2 | | | | | 100 | | | SOFT WEATHERED ROCK: RED AND TAN FINE SANDY SILT | |
| 489.07 | 7.17 | 20 | 41 | 60 | 0.2 | | | | | 100 | | | | |
| | 8.70 | 19 | 33 | 67 | 0.3 | | | | | 100 | | | | |
| BORING TERMINATED AT ELEVATION 489.075 METERS IN SOFT WEATHERED ROCK. | | | | | | | | | | | | | | |