

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 EB1-B | | NORTHING 0.00 | | EASTING 0.00 | | 0 HR N/A | 24 HR N/A | | | | | | | |
| ALIGNMENT L-REV | | BORING LOCATION 40+71.500 | | OFFSET 17.67m RT | | | | | | | | | | |
| COLLAR ELEV 505.82m | | TOTAL DEPTH 8.68m | | START DATE 8/20/97 | | COMPLETION DATE 08/20/97 | | | | | | | | |
| DRILL MACHINE CME 550 | | | DRILL METHOD SPT CAS ADV NXWL | | | HAMMER TYPE AUTOMATIC | | | | | | | | |
| SURFACE WATER DEPTH | | | DEPTH TO ROCK 1.76m | | | Log EBL EB1-B, 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 | | | | | 100 |
| 505.82 | | | | | | | | | | | | | | |
| 505.00 | | | | | | | | | | | | | | SOFT WEATHERED ROCK: ORANGE-BROWN AND GREEN SANDY SILT |
| 503.00 | | | | | | | | | | CORE 1 | | | | FRACTURED PHYLLITE WITH WEATHERED ZONES REC 88% RQD 15% |
| 501.00 | | | | | | | | | | CORE 2 | | | | |
| 499.00 | | | | | | | | | | CORE 3 | | | | |
| 497.14 | | | | | | | | | | CORE 4 | | | | |
| | | | | | | | | | | | | | | BORING TERMINATED AT ELEVATION 497.143 METERS IN ROCK |