

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

110P36

| PROJECT NO 8.2860401 | | ID B-2583 | | COUNTY MADISON | | GEOLOGIST T. P. SHELTON | | | | | | | | |
|---|-------|---------------------------|------------------------------|--------------------|---------|--------------------------|-----------|----|----|-----|-----------|-----|---------------------------|---|
| SITE DESCRIPTION BRIDGE ON SCHOOL DRIVE OVER FRENCH BROAD RIVER | | | | | | | GND WATER | | | | | | | |
| BORING NO EB1-B | | NORTHING 0.00 | | EASTING 0.00 | | 0 HR N/A | | | | | | | | |
| ALIGNMENT -Y1- | | BORING LOCATION 10+74.500 | | OFFSET 6.00m RT | | 24 HR N/A | | | | | | | | |
| COLLAR ELEV 498.35m | | TOTAL DEPTH 8.62m | | START DATE 9/12/00 | | COMPLETION DATE 09/12/00 | | | | | | | | |
| DRILL MACHINE CME 550 | | | DRILL METHOD SPT CORE BORING | | | HAMMER TYPE AUTOMATIC | | | | | | | | |
| SURFACE WATER DEPTH | | | DEPTH TO ROCK N/A | | | Log EB1-B, 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 | | | | |
| 498.35 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Ground Surface |
| 497.00 | 1.45 | 1 | 3 | 2 | 0.30 | | | | | | | | | ALLUVIUM: BROWN SILTY SAND WITH GRAVEL FROM 3.27. |
| 495.00 | 2.97 | 1 | 3 | 12 | 0.30 | | | | | | | | | |
| 493.00 | 4.50 | 42 | 100 | | 0.06 | | | | | | | | | SOFT TO HARD WEATHERED ROCK |
| | | | | | | | | | | | | | | CORE 1: 4.66M- 5.64M REC=94% RQD = 84% |
| | | | | | | | | | | | | | | CORE 2: 5.64M- 7.13M REC = 98% RQD = 68% |
| | | | | | | | | | | | | | | CORE 3: 7.13M- 8.62M REC = 99% RQD = 97% |
| 489.73 | | | | | | | | | | | | | | BORING TERMINATED AT ELEV 489.73 IN ROCK |