NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

| | | | | |
|---|---|---|---|---|
| **PROJECT NO** 34357.1.1 | **ID** R-0977A | **COUNTY** CHEROKEE | **GEOLOGIST** TB DANIEL | |
| **SITE DESCRIPTION** US 64 EBL OVER HIWASSEE RIVER AT -LC1B- 16+02.3 POT | | | | **GND WATER** |
| **BORING NO** B2-A | **NORTHING** 0.00 | **EASTING** 0.00 | | **0 HR** N/A |
| **ALIGNMENT** -LC1B- | **BORING LOCATION** 16+53.145 | **OFFSET** 0.60m LT | | **24 HR** 2.70m |
| **COLLAR ELEV** 465.08m | **TOTAL DEPTH** 19.17m | **START DATE** 1/28/04 | **COMPLETION DATE** 01/29/04 | |
| **DRILL MACHINE** CME-550 | **DRILL METHOD** CORE BORING | | **HAMMER TYPE** AUTOMATIC | |
| **SURFACE WATER DEPTH** | **DEPTH TO ROCK** N/A | | **Log B2-A, Page 1 of 2** | |

| ELEV | DEPTH | BLOW CT 15cm | BLOW CT 15cm | BLOW CT 15cm | PEN (m) | BLOWS PER 30cm 0 25 50 75 100 | SAMPLE NO | MOI | LOG | SOIL AND ROCK DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 465.08 | | | | | | Ground Surface | | | | |
| 464.00 | 1.38 | 0 | 1 | 2 | 0.30 | 3 | | | | ALLUVIUM:BROWN FINE SANDY SILT WITH CLAY |
| 462.00 | 2.90 | 12 | 18 | 23 | 0.30 | 41 | | | | ALLUVIUM: SAND WITH BASAL GRAVEL |
| | 4.42 | 60 | | | 0.03 | 60 | | | | WEATHERED ROCK |
| 460.00 | | | | | | | | | | CRYSTALLINE ROCK, TOTAL CORE RUN=14.33 TOTAL REC=84% TOTAL RQD=63% |
| 458.00 | | | | | | | | | | |
| 456.00 | | | | | | | | | | |
| 454.00 | | | | | | | | | | |
| 452.00 | | | | | | | | | | |
| 450.00 | | | | | | | | | | |
| 448.00 | | | | | | | | | | |

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| ELEV | DEPTH | BLOW CT 15cm | BLOW CT 15cm | BLOW CT 15cm | PEN (m) | BLOWS PER 30cm 0 25 50 75 100 | SAMPLE NO | MOI | LOG | SOIL AND ROCK DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 448.00 | | | | | | | | | | |
| 447.00 | | | | | | | | | | CRYSTALLINE ROCK, TOTAL CORE RUN=14.33 TOTAL REC=84% TOTAL RQD=63% |
| 445.91 | | | | | | CORING TERMINATED IN FRESH HARD PHYLLITE AT A DEPTH OF 19.17 METERS. | | | | |