

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

| PROJECT NO. 33375.1.1 | | ID. B-4007 | | COUNTY ALLEGHANY | | GEOLOGIST TJ ROBERSON | | | | | | | | | | | |
|--|-------------|--|------|-------------------------------|------------|-------------------------|--------------|----|----|--------|------------|------|-----|---------------------------|--------|------|---|
| SITE DESCRIPTION BRIDGE NO.38 OVER CRAB CREEK ON NC 18 | | | | | | | GROUND WATER | | | | | | | | | | |
| BORING NO. EB1-B | | BORING LOCATION 16+17.0 | | OFFSET 8.0 RT | | ALIGNMENT -L- | | | | | | | | | | | |
| COLLAR ELEVATION 2424.7 | | NORTHING 1024767.5 | | EASTING 1411627.2 | | 0 HR. DRY | | | | | | | | | | | |
| TOTAL DEPTH 10.9 | | DRILL MACHINE CME 550X | | DRILL METHOD HSA 2.25 INCH ID | | HAMMER TYPE 140LB. AUTO | | | | | | | | | | | |
| START DATE 06-08-05 | | COMPLETION DATE 06-10-05 | | SURFACE WATER DEPTH NA | | DEPTH TO ROCK 10.9 | | | | | | | | | | | |
| ELEV. | DEPTH (FT.) | BLOW COUNT | | | PEN. (FT.) | BLOWS PER FOOT | | | | | SAMP. NUM. | MOI. | LOG | SOIL AND ROCK DESCRIPTION | | | |
| | | 0.5' | 0.5' | 0.5' | | 0 | 25 | 50 | 75 | 100 | | | | | | | |
| 2424.7 | | | | | | | | | | | | | | | 2424.7 | 0.0 | ROADWAY EMBANKMENT FILL- Medium Dense, Brown Slightly Micaceous Silty Fine to Coarse SAND, Moist, (A-1-b) |
| | 3.5 | 3 | 4 | 7 | 1.5 | | | | | | | SS-2 | M | | | | |
| 2420.0 | | | | | | | | | | | | | | | | | |
| | 8.5 | 60/0.1 | | | 0.1 | | | | | 60/0.1 | | | | D | 2417.7 | 7.0 | CRYSTALLINE ROCK- Gray, Brown, Muscovite Biotite Gneiss, Dry, (CR) |
| 2415.0 | | 60/0 | | | 0.0 | | | | | 60/0 | | | | | | | |
| | 10.9 | 60/0 | | | 0.0 | | | | | 60/0 | | | | | 2413.8 | 10.9 | |
| | 10.9 | BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 2413.8 FEET ON CRYSTALLINE ROCK (MUSCOVITE BIOTITE GNEISS) | | | | | | | | | | | | | | | |
| 2410.0 | | | | | | | | | | | | | | | | | |