



2701 ROWLAND ROAD  
 RALEIGH, NORTH CAROLINA 27615  
 Phone (919) 871-0800 Fax (919) 871-0803

N.C.D.O.T. GEOTECHNICAL UNIT  
 BORING LOG

SHEET 1 OF 1

| PROJECT NO. 8.2711901                                      |               | ID. B-3607            |       | COUNTY ASHE                    |                | GEOLOGIST C. BRUINSMA |    |    |    |              |             |                           |  |
|--|---------------|-----------------------|-------|--------------------------------|----------------|-----------------------|----|----|----|--------------|-------------|---------------------------|--|
| SITE DESCRIPTION BRIDGE #503 ON SR 1674 OVER BUFFALO CREEK |               |                       |       |                                |                | GROUND WATER (ft)     |    |    |    |              |             |                           |  |
| BORING NO. RDS-1   |               | BORING LOCATION 10+46 |       | OFFSET CL                      |                | ALIGNMENT -L-         |    |    |    |              |             |                           |  |
| COLLAR ELEV. 2671.2 ft                                     |               | NORTHING 996,922.0    |       | EASTING 1,261,002.1            |                | 0 HR. N/A             |    |    |    |              |             |                           |  |
| TOTAL DEPTH 0.35 ft  |               | DRILL MACHINE N/A     |       | DRILL METHOD 1/2" SOUNDING ROD |                | HAMMER TYPE MANUAL    |    |    |    |              |             |                           |  |
| DATE STARTED 5-9-03  |               | COMPLETED 5-9-03      |       | SURFACE WATER DEPTH N/A        |                |                       |    |    |    |              |             |                           |  |
| ELEV.<br>(ft)  | DEPTH<br>(ft) | BLOW COUNT            |       |                                | BLOWS PER FOOT |                       |    |    |    | SAMP.<br>NO. | L<br>O<br>G | SOIL AND ROCK DESCRIPTION |  |
|  |               | 0.5ft                 | 0.5ft | 0.5ft                          | 0              | 20                    | 40 | 60 | 80 |              |             |                           | 100  |
| 2671.20  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | EXISTING GROUND  |
|  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | 2671.20 0.00   |
|  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | 2670.86 0.36   |
|  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | ORGANIC MATTER AND SILT<br>SOUNDING ROD REFUSAL AT 0.35' ON CR:<br>WHITE AND BLACK AMPHIBOLITE |
| 2670   |               |                       |       |                                |                |                       |    |    |    |              |             |                           |  |

NCDOT\_BORE 03-016(ASHE CO., BRIDGE#503 OVER BUFFALO CREEK).GPJ NCDOT.GDT 7/15/03



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| PROJECT NO. 8.2711901                                      |               | ID. B-3607            |       | COUNTY ASHE                    |                | GEOLOGIST C. BRUINSMA |    |    |    |              |             |                           |   |
|--|---------------|-----------------------|-------|--------------------------------|----------------|-----------------------|----|----|----|--------------|-------------|---------------------------|---|
| SITE DESCRIPTION BRIDGE #503 ON SR 1674 OVER BUFFALO CREEK |               |                       |       |                                |                | GROUND WATER (ft)     |    |    |    |              |             |                           |   |
| BORING NO. RDS-2   |               | BORING LOCATION 10+45 |       | OFFSET 19.5' RT.               |                | ALIGNMENT -L-         |    |    |    |              |             |                           |   |
| COLLAR ELEV. 2669.2 ft                                     |               | NORTHING 996,902.9    |       | EASTING 1,260,998.1            |                | 0 HR. N/A             |    |    |    |              |             |                           |   |
| TOTAL DEPTH 0.40 ft  |               | DRILL MACHINE N/A     |       | DRILL METHOD 1/2" SOUNDING ROD |                | HAMMER TYPE MANUAL    |    |    |    |              |             |                           |   |
| DATE STARTED 5-9-03  |               | COMPLETED 5-9-03      |       | SURFACE WATER DEPTH N/A        |                |                       |    |    |    |              |             |                           |   |
| ELEV.<br>(ft)  | DEPTH<br>(ft) | BLOW COUNT            |       |                                | BLOWS PER FOOT |                       |    |    |    | SAMP.<br>NO. | L<br>O<br>G | SOIL AND ROCK DESCRIPTION |   |
|  |               | 0.5ft                 | 0.5ft | 0.5ft                          | 0              | 20                    | 40 | 60 | 80 |              |             |                           | 100   |
| 2669.20  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | EXISTING GROUND   |
|  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | 2669.20 0.00  |
|  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | 2668.80 0.40  |
|  |               |                       |       |                                |                |                       |    |    |    |              |             |                           | ORGANIC MATTER AND SILT<br>SOUNDING ROD REFUSAL AT 0.4' ON CR:<br>WHITE AND BLACK AMPHIBOLITE |
| 2665   |               |                       |       |                                |                |                       |    |    |    |              |             |                           |   |

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