



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. 8.1711301		ID. B-3300		COUNTY ASHE		GEOLOGIST J. HARRIS							
SITE DESCRIPTION BRIDGE #57 ON NC 88 OVER BUFFALO CREEK						GROUND WATER (ft)							
BORING NO. EB2-A		BORING LOCATION 17+81		OFFSET 15' LT.		ALIGNMENT -L-							
COLLAR ELEV. 2790.9 ft		NORTHING 985,986.3		EASTING 1,261,285.6		0 HR. DRY							
TOTAL DEPTH 10.40 ft		DRILL MACHINE DIEDRICH D-50		DRILL METHOD HOLLOW STEM AUGER		HAMMER TYPE AUTO							
DATE STARTED 5-14-03		COMPLETED 5-14-03		SURFACE WATER DEPTH N/A									
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
2790.90													EXISTING GROUND
2790	1.00	2	4	3									RDVY EMB: BROWN, DARK GRAY, ORANGE AND RED, MED. STIFF TO HARD, SANDY SILT (A-4) WITH GRAVEL SIZED ROCK FRAGMENTS
	3.50	4	29	9									
2785	6.00	2	6	22									RES: ORANGE, BROWN AND BLACK, MED. DENSE TO DENSE, SILTY CLAYEY SAND (A-2-4) SAPROLITIC
	8.50	27	29	14									
	10.20												WR: BLACK AND BROWN, AMPHIBOLITE GNEISS
													BORING TERMINATED WITH SPT REFUSAL AT ELEV. 2780.5' ON CR: BLACK AND WHITE AMPHIBOLITE GNEISS

NCDOT_BORE 03-017(BRIDGE#57 ON NC 88).GPJ NCDOT.GDT 7/22/03



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PROJECT NO. 8.1711301		ID. B-3300		COUNTY ASHE		GEOLOGIST J. HARRIS							
SITE DESCRIPTION BRIDGE #57 ON NC 88 OVER BUFFALO CREEK						GROUND WATER (ft)							
BORING NO. EB2-C		BORING LOCATION 17+89		OFFSET CL		ALIGNMENT -L-							
COLLAR ELEV. 2790.6 ft		NORTHING 985,999.6		EASTING 1,261,296.3		0 HR. DRY							
TOTAL DEPTH 12.20 ft		DRILL MACHINE DIEDRICH D-50		DRILL METHOD HOLLOW STEM AUGER		HAMMER TYPE AUTO							
DATE STARTED 5-14-03		COMPLETED 5-14-03		SURFACE WATER DEPTH N/A									
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
2790.60													EXISTING GROUND
2790	1.00	4	4	6									RDVY EMB: ORANGE, BROWN AND BLACK, MED. STIFF TO STIFF, SANDY SILT (A-4) WITH GRAVEL SIZED ROCK FRAGMENTS
	4.00	3	2	4									
2785	6.00												RES: ORANGE AND BLACK, V. DENSE, SILTY SAND (A-2-4) WITH GRAVEL SIZED ROCK FRAGMENTS
	9.00	33	32	38									
2780	12.00												WR: BLACK AND BROWN AMPHIBOLITE GNEISS
													BORING TERMINATED WITH SPT REFUSAL AT ELEV. 2778.4' ON CR: BLACK AND WHITE, AMPHIBOLITE GNEISS

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