



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 2

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-B		BORING LOCATION 18+00		OFFSET 14' RT.		ALIGNMENT -L-							
COLLAR ELEV. 2790.4 ft		NORTHING 986,014.8		EASTING 1,261,305.1		0 HR. 23.6							
TOTAL DEPTH 38.60 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.	L O G	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
2790.40													EXISTING GROUND
2790	1.00	2	4	6									RDWY EMB: BROWN AND DARK GRAY, MED. STIFF TO STIFF, SANDY CLAYEY SILT (A-4) WITH GRAVEL SIZED ROCK FRAGMENTS
	3.50	3	3	3									RDWY EMB: BROWN, AND RED, MED. STIFF, SILTY CLAY (A-6) SLI. MICACEOUS
2785	6.00	1	3	3									RES: BROWN, MED. DENSE, CLAYEY SILTY SAND (A-2-4) WITH GRAVEL SIZED ROCK FRAGMENTS, SAPROLITIC
	8.50	2	4	8									RES: BROWN TO ORANGE AND BROWN, STIFF, CLAYEY SILT (A-4)
2780	11.00	3	4	7									RES: BROWN, GRAY, BLACK AND YELLOW BROWN, MED. DENSE TO V. DENSE, SILTY SAND (A-2-4) SAPROLITIC
	13.50	5	10	13									
2775	18.50	7	8	10									
2770	23.50	6	25	45									
2765	28.50	9	18	35									
2760	33.50	14	33	22									
2755													

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



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 2 OF 2

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-B		BORING LOCATION 18+00		OFFSET 14' RT.		ALIGNMENT -L-							
COLLAR ELEV. 2790.4 ft		NORTHING 986,014.8		EASTING 1,261,305.1		0 HR. 23.6							
TOTAL DEPTH 38.60 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.	L O G	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
2752.90													Continued from previous page
	38.50												WR: BLACK AND WHITE, AMPHIBOLITE GNEISS
2750	65.35												BORING TERMINATED WITH SPT REFUSAL AT ELEV. 2751.8' ON CR: BLACK AND WHITE AMPHIBOLITE GNEISS

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