



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. EB1-A-2		BORING LOCATION 16+72		OFFSET 19' LT.		ALIGNMENT -L-							
COLLAR ELEV. 2785.5 ft		NORTHING 985,884.1		EASTING 1,261,324.2		0 HR. DRY							
TOTAL DEPTH 16.60 ft		DRILL MACHINE DIEDRICH D-50		DRILL METHOD HOLLOW STEM AUGER		HAMMER TYPE AUTO							
DATE STARTED 5-15-03		COMPLETED 5-15-03		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
2785.50													EXISTING GROUND
2785	1.00	3	2	3							SS-1	34.7%	2785.50 BITUMINOUS CONCRETE RDWY EMB: RED AND BROWN, MED. STIFF, CLAYEY SANDY SILT (A-4) MICACEOUS
	4.00	5	2	2							MOIST		2782.50 RDWY EMB: GRAY, BROWN AND RED, LOOSE, CLAYEY SILTY SAND (A-2-4)
2780													2779.00 RDWY EMB: TAN, MED. DENSE, SAND (A-1-b) WITH GRAVEL SIZED ROCK FRAGMENTS
	9.00	9	8	3									2774.00 ALLUV: GRAY, DENSE, SAND (A-1-a) WITH GRAVEL
2775													2769.50 WR: BLACK AND GRAY, AMPHIBOLITE GNEISS
	14.00	11	13	22							SS-2	WET	2768.90 BORING TERMINATED WITH SPT REFUSAL AT ELEV. 2768.9' ON CR: BLACK AND GRAY AMPHIBOLITE GNEISS
2770	16.50												

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



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SITE DESCRIPTION BRIDGE #57 ON NC 88 OVER BUFFALO CREEK						GROUND WATER (ft)							
BORING NO. EB1-B-2		BORING LOCATION 16+88		OFFSET 15' RT.		ALIGNMENT -L-							
COLLAR ELEV. 2790.2 ft		NORTHING 985,912.1		EASTING 1,261,349.4		0 HR. 16.3							
TOTAL DEPTH 18.70 ft		DRILL MACHINE DIEDRICH D-50		DRILL METHOD HOLLOW STEM AUGER		HAMMER TYPE AUTO							
DATE STARTED 5-15-03		COMPLETED 5-15-03		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
2790.20													EXISTING GROUND
2790	1.00	4	3	1							SS-3	MOIST	RDWY EMB: ORANGE, BROWN AND BLACK, LOOSE, CLAYEY SILTY SAND (A-2-4) WITH SAPROLITIC PIECES
	3.50	4	3	3							MOIST		
2785													2785.00 RES: BROWN, GRAY AND BLACK, LOOSE, SILTY SAND (A-2-4) WITH GRAVEL SIZED ROCK FRAGMENTS
	8.50	5	2	3							MOIST		
2780													
	13.50	7	4	2							SS-4	MOIST	
2775													2774.20 WR: BLACK, GRAY AND BROWN, AMPHIBOLITE
	18.50												2771.50 BORING TERMINATED WITH SPT REFUSAL AT ELEV. 2771.5' ON CR: BLACK AND WHITE AMPHIBOLITE GNEISS

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