

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO.	33223.1.1	ID.	B-3681	COUNTY	NASH/EDGEcombe	GEOLOGIST	J. L. STONE						
SITE DESCRIPTION							GROUND WATER						
BRIDGE NO. 277 ON SR 1555 OVER CSX RAILROAD							0 HR. N.M.						
BORING NO.	EBI-A	BORING LOCATION	17+69	OFFSET	5.0' LT.	ALIGNMENT	-L-						
COLLAR ELEVATION 111.2'							24 HR. 19.3'						
TOTAL DEPTH 66.8'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL							
START DATE 4/26/04		COMPLETION DATE 4/26/04		SURFACE WATER DEPTH N/A									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75				100
110.0	0.9	6	7	8	1								ASPHALT
	3.2	6	6	6	1								
105.0	7.8	3	4	5	1								TAN ORANGE CLAYEY SANDY SILT, MOI. TO WET (ROADWAY EMBANKMENT)
100.0	12.8	4	6	6	1								
95.0	17.8	4	4	5	1								
90.0	22.8	3	11	11	1								ORANGE GRAY COARSE SAND, SAT. (YORKTOWN FORMATION)
85.0	27.8	4	7	8	1								ORANGE GRAY SILTY SANDY CLAY, WET
80.0	32.8	3	4	6	1								
75.0	37.8	6	12	10	1								
70.0	42.8	7	10	10	1								ORANGE COARSE SAND, SAT.
65.0	47.8	4	5	15	1								
60.0	52.8	100			0.4								WEATHERED ROCK (GRANITE)
55.0	57.8	67	33		0.7								
50.0	62.8	100			0.2								
45.0	66.8	60			0.0								
40.0													

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													TRICONE REFUSAL AT ELEV. 44.4 FEET ON HARD ROCK