

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33501.1.1		ID B-4152		COUNTY HOKE		GEOLOGIST J.E. BEVERLY							
SITE DESCRIPTION BRIDGE # 53 ON SR 1422 OVER PUPPY CREEK							GND WATER						
BORING NO B2-A		NORTHING 0.00		EASTING 0.00		0 HR 5.30ft							
ALIGNMENT L		BORING LOCATION 14+97.000		OFFSET 11.10ft LT		24 HR 7.10ft							
COLLAR ELEV 145.34ft		TOTAL DEPTH 61.00ft		START DATE 12/03/04		COMPLETION DATE 12/03/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B2-A, Page 1 of 2							
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in	(ft)	0	25	50	75	100			
145.34													Ground Surface
140.00	4.50	5	5	4	1.0						9	MOIST	ROADWAY FILL - LOOSE TAN-BROWN SAND
	9.50	8	6	11	1.0						7	MOIST	ALLUVIUM - LOOSE BLACK SILTY SAND WITH ORGANICS
130.00	14.50	9	10	13	1.0						23	M/W	VERY STIFF GRAY CLAYEY SANDY SILT
	19.50	10	8	7	1.0						15	"	COASTAL PLAIN - MEDIUM DENSE TAN-BROWN AND GRAY-WHITE CLAYEY SAND
120.00	24.50	18	28	31	1.0						59	DRY	MEDIUM DENSE TO VERY DENSE GRAY CLAYEY SAND
	29.50	11	15	20	1.0						35	MOIST	
110.00	34.50	25	29	50	1.0						79	"	
	39.50	17	25	32	1.0						57	"	
	44.50	6	7	10	1.0								
95.34	49.50	5	5	12	1.0						7	MOIST	
													Continued on the next page.

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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B2-A, Page 2 of 2							
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in	(ft)	0	25	50	75	100			
95.34													
90.00	54.50	11	15	18	1.0						33	DRY	VERY STIFF TO HARD GRAY SILTY CLAY (HIGH PI)
84.34	59.50	9	10	11	1.0						21	DRY	
													BORING TERMINATED AT ELEVATION 84.34 IN VERY STIFF CLAY