

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-B		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT L		BORING LOCATION 14+97.000		OFFSET 10.50ft RT		24 HR 7.10ft								
COLLAR ELEV 145.22ft		TOTAL DEPTH 66.20ft		START DATE 12/02/04		COMPLETION DATE 12/02/04								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log B2-B, Page 1 of 2								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
145.22														Ground Surface
140.00	4.70	0	1	1	1.0	2								ROADWAY FILL - VERY LOOSE TAN-BROWN-GRAY SAND
	9.70	1	2	2	1.0	4								ALLUVIUM - VERY LOOSE BLACK SAND WITH ORGANICS
130.00	14.70	4	6	8	1.0	14								MEDIUM DENSE TAN-BROWN SAND WITH QUARTZ GRAVEL
	19.70	11	12	11	1.0	23								COASTAL PLAIN - DENSE TO VERY DENSE GRAY CLAYEY SAND
120.00	24.70	22	26	38	1.0	64								SS-12 MOIST
	29.70	15	20	25	1.0	45								SS-13 MOIST
110.00	34.70	31	51	45	1.0	96								
	39.70	12	17	20	1.0	37								
	44.70	6	10	11	1.0	21								SS-14 MOIST
	49.70	6	8	7	1.0	15								MEDIUM DENSE GRAY CLAYEY SAND
91.22														Continued on the next page

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DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log B2-B, Page 2 of 2								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
91.22	54.70	6	11	18	1.0	26								VERY STIFF TO HARD GRAY SILTY CLAY, HIGH PI
	59.70	6	10	11	1.0	21								
80.00	64.70	10	16	19	1.0	35								
79.02														BORING TERMINATED AT ELEVATION 79.02' IN VERY STIFF CLAY