

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 EB2-A		NORTHING 0.00		EASTING 0.00		0 HR 6.00ft								
ALIGNMENT L		BORING LOCATION 15+20.000		OFFSET 10.70ft LT		24 HR 7.10ft								
COLLAR ELEV 145.07ft		TOTAL DEPTH 46.10ft		START DATE 11/29/04		COMPLETION DATE 11/29/04								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in	(ft)	0	25	50	75	100				
145.07														Ground Surface
140.00	5.50	8	5	4	1.0						9			ROADWAY FILL - LOOSE TAN-BROWN SAND
	10.50	7	9	10	1.0						19			ALLUVIUM - LOOSE BLACK SILTY SAND WITH ORGANICS
130.00	15.50	10	12	16	1.0						28			MEDIUM DENSE GRAY AND TAN-BROWN CLAYEY SAND
	20.50	6	7	21	1.0						28			COASTAL PLAIN - MEDIUM DENSE TO DENSE GRAY SAND
120.00	25.50	6	7	21	1.0						28			COASTAL PLAIN - MEDIUM DENSE TO DENSE GRAY SAND
	29.60	7	14	26	1.0						40			COASTAL PLAIN - MEDIUM DENSE TO DENSE GRAY SAND
110.00	34.60	34	55	45	0.8						100			COASTAL PLAIN SEDIMENTARY ROCK
	39.60	17	25	28	1.0						53			MEDIUM DENSE TO VERY DENSE GRAY SAND
98.97	44.60	7	9	11	1.0						20			MEDIUM DENSE TO VERY DENSE GRAY SAND
														BORING TERMINATED AT ELEVATION 98.97 IN MEDIUM DENSE SAND

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 EB2-B		NORTHING 0.00		EASTING 0.00		0 HR 7.30ft								
ALIGNMENT L		BORING LOCATION 15+20.000		OFFSET 11.00ft RT		24 HR 7.30ft								
COLLAR ELEV 144.83ft		TOTAL DEPTH 40.90ft		START DATE 11/30/04		COMPLETION DATE 11/30/04								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in	(ft)	0	25	50	75	100				
144.83														Ground Surface
140.00	4.40	1	1	1	1.0						2			ROADWAY FILL - VERY LOOSE TAN-BROWN SAND
	9.40	0	1	2	1.0						3			ALLUVIUM - VERY LOOSE BLACK SILTY SAND WITH ORGANICS
130.00	14.40	5	7	4	1.0						11			MEDIUM DENSE TAN-BROWN SAND
	19.40	19	23	19	1.0						22			COASTAL PLAIN - DENSE TO VERY DENSE GRAY AND TAN-BROWN SAND
120.00	24.40	7	25	35	1.0						60			COASTAL PLAIN - DENSE TO VERY DENSE GRAY AND TAN-BROWN SAND
	29.40	15	23	27	1.0						50			COASTAL PLAIN - DENSE TO VERY DENSE GRAY AND TAN-BROWN SAND
	34.40	25	25	75	1.0						400			COASTAL PLAIN SEDIMENTARY ROCK
103.93	39.40	43	40	39	1.0						79			VERY DENSE GRAY SAND
														BORING TERMINATED AT ELEVATION 103.93 IN VERY DENSE SAND