

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 EB1-A		NORTHING 0.00		EASTING 0.00		0 HR 7.00ft	24 HR 7.40ft						
ALIGNMENT L		BORING LOCATION 14+20.000		OFFSET 12.70ft LT									
COLLAR ELEV 145.79ft		TOTAL DEPTH 42.00ft		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 EB1-A, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
145.79													Ground Surface
140.00	5.50	7	10	14	1.0					24	SS-8	MOIST	ROADWAY FILL - MEDIUM DENSE GRAY-WHITE SAND
	10.50	1	1	1	1.0						SS-9	M/W	ALLUVIUM - VERY SOFT BLACK CLAYEY SANDY SILT WITH ORGANICS
130.00	15.50	10	16	17	1.0					33	SS-10	MOIST	VERY STIFF GRAY CLAYEY SANDY SILT
	20.50	10	11	16	1.0					27		WET	COASTAL PLAIN - DENSE RED-BROWN SAND
120.00	25.50	9	17	20	1.0					37		MOIST	DENSE GRAY SAND
	30.50	15	85		0.9					100		DRY	COASTAL PLAIN SEDIMENTARY ROCK
	35.50	45	55		0.9					100		DRY	DENSE GRAY CLAYEY SAND
103.79	40.50	11	16	22	1.0					38		MOIST	
BORING TERMINATED AT ELEVATION 103.79' IN 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 EB1-B		NORTHING 0.00		EASTING 0.00		0 HR 0.00ft	24 HR 6.10ft						
ALIGNMENT L		BORING LOCATION 14+20.000		OFFSET 13.20ft RT									
COLLAR ELEV 145.39ft		TOTAL DEPTH 46.70ft		START DATE 11/19/04		COMPLETION DATE 11/19/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB1-B, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
145.39													Ground Surface
140.00	5.20	0	1	2	1.0					3	SS-1	M/W	ROADWAY FILL - VERY LOOSE TAN-BROWN SAND
	10.20	3	2	4	1.0					6	SS-2	M/W	ALLUVIUM - LOOSE BLACK-WHITE SILTY SAND WITH ORGANICS
130.00	15.20	4	5	5	1.0					10	SS-3	M/W	MEDIUM DENSE TAN-BROWN SAND
	20.20	9	7	6	1.0					13			COASTAL PLAIN - DENSE RED-BROWN AND TAN SAND
120.00	25.20	18	26	20	1.0					46	SS-4	M/W	
	30.20	100			0.4					100	SS-5	DRY	COASTAL PLAIN SEDIMENTARY ROCK
110.00	35.20	58	42		0.9					100	SS-6	M/W	
	40.20	10	16	17	1.0					33	SS-7	MOIST	DENSE GRAY CLAYEY SAND
98.69	45.20	8	12	23	1.0					35			
BORING TERMINATED AT ELEVATION 98.69' IN DENSE SAND													