

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 B1-B		NORTHING 0.00		EASTING 0.00		0 HR 0.00ft							
ALIGNMENT L		BORING LOCATION 14+41.500		OFFSET 9.50ft RT		24 HR 3.20ft							
COLLAR ELEV 145.33ft		TOTAL DEPTH 55.80ft		START DATE 12/08/04		COMPLETION DATE 12/08/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-B, Page 1 of 2							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
145.33													Ground Surface
140.00	4.30	0	1	1	1.0	2							ROADWAY FILL - LOOSE TAN-BROWN SAND
	9.30	2	3	4	1.0	7							ALLUVIUM - VERY LOOSE TO LOOSE TAN-BROWN AND BLACK SILTY SAND WITH ORGANICS
130.00	14.30	4	3	6	1.0	9							LOOSE TAN-BROWN SAND
	19.30	8	13	14	1.0	27							COASTAL PLAIN - MEDIUM DENSE TO DENSE TAN AND GRAY CLAYEY SAND
120.00	24.30	11	14	15	1.0	29							DENSE TAN AND GRAY CLAYEY SAND
	29.30	10	17	24	1.0	41							COASTAL PLAIN SEDIMENTARY ROCK
110.00	34.30	45	55		0.7	100							MEDIUM DENSE TO DENSE CLAYEY SAND
	39.30	11	19	24	1.0	43							
	44.30	6	10	12	1.0	22							
94.33	49.30	8	13	18	1.0	31							
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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-B, Page 2 of 2							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
94.33													
	54.30	8	11	17	1.0	28							VERY STIFF SILTY CLAY
89.89													DRY
BORING TERMINATED AT ELEVATION 89.53' IN VERY STIFF CLAY													