

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

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GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1621301		ID I-2102		COUNTY FORSYTH		GEOLOGIST R.W. TODD									
SITE DESCRIPTION BRIDGE #244 ON SR 1101 (-LREV-) OVER I-40							GND WATER								
BORING NO EB2-C		NORTHING 0.00		EASTING 0.00		0 HR 57.00ft									
ALIGNMENT LREV		BORING LOCATION 22+19.000		OFFSET 0.00ft		24 HR 37.00ft									
COLLAR ELEV 809.90ft		TOTAL DEPTH 71.00ft		START DATE 5/28/03		COMPLETION DATE 05/28/03									
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 71.00ft			Log EB2-C, 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	100					
809.90															Ground Surface
	4.90	4	5	6	1.0										(ROADWAY FILL) BROWN, STIFF, MOIST, SANDY SILTY CLAY W/ ROCK FRAG.
800.00	9.90	2	4	6	1.0										
	14.90	2	2	2	1.0										(RESIDUAL) RED-BROWN-TAN-BLACK, MIC., SOFT-STIFF, MOIST, SILTY SANDY CLAY
790.00	19.90	1	2	3	1.0										
	24.90	2	3	4	1.0										
780.00	29.90	3	4	7	1.0									SS-7	
	34.90	1	2	3	1.0										
770.00	39.90	1	1	2	1.0									SS-8	GRAY-WHITE, MIC., SOFT-MED. STIFF, WET, V. SANDY SILT
	44.90	2	3	3	1.0										
762.90															Continued on the next page.

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SURFACE WATER DEPTH N/A			DEPTH TO ROCK 71.00ft			Log EB2-C, 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	100					
762.90															
760.00	49.90	5	8	13	1.0										GRAY-TAN-WHITE, V. STIFF-HARD, MOIST, V. SANDY SILT
	54.90	7	13	19	1.0										
750.00	59.90	9	9	12	1.0										
	64.90	8	9	13	1.0										
740.00	69.90	10	18	82	0.6										
738.90															BORING TERMINATED AT ELEV. 738.5 ON HARD ROCK (SPT REFUSAL)