

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

SHEET 12

PROJECT NO 8.1621301		ID I-2102		COUNTY FORSYTH		GEOLOGIST C.C. MURRAY								
SITE DESCRIPTION BRIDGE #244 ON SR 1101 (-LREV-) OVER I-40							GND WATER							
BORING NO B1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT LREV		BORING LOCATION 20+48.400		OFFSET 13.50ft LT		24 HR 13.00ft								
COLLAR ELEV 787.20ft		TOTAL DEPTH 69.60ft		START DATE 8/05/03		COMPLETION DATE 08/05/03								
DRILL MACHINE CME-550			DRILL METHOD BENTONITE/Drag BIT			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-A, 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				
787.20														Ground Surface
														(ROADWAY FILL) ASPHALT
														(RESIDUAL) WHITE-TAN-ORANGE-YELLOW-BLACK MOTTLED, STIFF-V. STIFF, WET, SILTY F. SANDY CLAY
780.00	6.40	6	5	10	1.0									SS-1A W
	9.50	3	3	2	1.0									SS-2A W
														WHITE-TAN-BLACK, MED. STIFF, WET, CLAYEY V. SANDY SILT
														SS-3A W
770.00	16.50	0	1	0	1.0									SS-4A W
	19.50	2	2	2	1.0									SS-5A W
														WHITE-TAN-GRAY-BLACK, V. SOFT-MED. STIFF, WET, SILTY SANDY CLAY
	24.50	2	2	2	1.0									SS-6A W
760.00	29.50	2	2	3	1.0									SS-7A W
														GRAY-WHITE, V. STIFF, WET, CLAYEY V. SANDY SILT
	34.50	4	7	11	1.0									SS-8A W
														GRAY-WHITE, MED. DENSE-DENSE, WET, CLAYEY SILTY CSE. SAND
	39.50	7	16	11	1.0									SS-9A W
	44.50	11	24	16	1.0									SS-10A W
740.00	49.50	4	5	9	1.0									SS-11A W
														WHITE-GRAY, SLI. MIC., MED. DENSE-DENSE, CLAYEY SILTY CSE. SAND
732.20	54.50	37	54	46	0.9									Continued on the next page

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DRILL MACHINE CME-550			DRILL METHOD BENTONITE/Drag BIT			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-A, 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				
732.20														
														(WEATHERED ROCK)
730.00	59.50	7	10	15	1.0									SS-12A W
														WHITE-GRAY, SLI. MIC., MED. DENSE, CLAYEY SILTY CSE. SAND
	64.50	21	31	38	1.0									SS-13A W
														GREEN-WHITE-PINK, V. STIFF-HARD, V. SANDY SILT
717.60	69.50	100			0.1									BORING TERMINATED AT ELEV. 717.6' ON WEATHERED ROCK