

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 C.C. MURRAY								
SITE DESCRIPTION BRIDGE #244 ON SR 1101 (-LREV-) OVER I-40							GND WATER							
BORING NO B1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT LREV		BORING LOCATION 20+96.000		OFFSET 58.30ft RT		24 HR N/A								
COLLAR ELEV 787.86ft		TOTAL DEPTH 69.50ft		START DATE 8/07/03		COMPLETION DATE 08/07/03								
DRILL MACHINE CME-550			DRILL METHOD BENTONITE/Drag BIT			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	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
787.86														Ground Surface
														(ROADWAY FILL) ASPHALT
														(RESIDUAL) WHITE-TAN-ORANGE-BLACK-OLIVE, V. SOFT-V. STIFF, WET, SANDY SILTY CLAY
780.00	6.40	1	1	2	1.0									
	9.40	0	0	1	1.0									
	14.40	1	1	1	1.0									
770.00	19.10	1	1	2	1.0									
	24.10	1	2	2	1.0									
760.00	29.10	5	8	11	1.0									
	34.10	8	16	20	1.0									
750.00	39.10	10	15	16	1.0									
	44.10	20	34	42	1.0									
740.00	49.10	8	12	20	1.0									
732.86	54.10	23	51	49	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-B, 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				
732.86														
730.00	59.10	25	37	51	1.0									(WEATHERED ROCK)
	64.10	21	68	32	0.6									OLIVE-WHITE, HARD, WET, CLAYEY SANDY SILT
	69.10	100			0.4									(WEATHERED ROCK)
718.36														BORING TERMINATED AT ELEV. 718.36 IN WEATHERED ROCK