

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 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-C		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT LREV		BORING LOCATION 20+85.500		OFFSET 42.40ft RT		24 HR N/A							
COLLAR ELEV 787.69ft		TOTAL DEPTH 65.00ft		START DATE 8/06/03		COMPLETION DATE 08/06/03							
DRILL MACHINE CME-550			DRILL METHOD BENTONITE/DRAG BIT			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-C, 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
787.69													Ground Surface
													(ROADWAY FILL) ASPHALT
780.00	6.70	1	2	2	1.0	4							(RESIDUAL) WHITE -ORANGE-BLACK -YELLOW, SOFT-MED. STIFF, WET, F. SANDY SILTY CLAY
	9.10	1	2	2	1.0	4							
	14.10	2	1	2	1.0	3							
770.00	19.10	1	2	2	1.0	4							
	24.90	1	2	1	1.0	3							
760.00	29.90	3	6	9	1.0	15							
	34.90	8	11	14	1.0	25							
750.00	39.90	7	11	21	1.0	32							
	44.90	27	32	33	1.0	65							
740.00	49.90	18	22	28	1.0	50							
732.69	54.90	49	43	57	1.0	100							
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13/19

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SITE DESCRIPTION BRIDGE #244 ON SR 1101 (-LREV-) OVER I-40							GND WATER						
BORING NO B1-C		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT LREV		BORING LOCATION 20+85.500		OFFSET 42.40ft RT		24 HR N/A							
COLLAR ELEV 787.69ft		TOTAL DEPTH 65.00ft		START DATE 8/06/03		COMPLETION DATE 08/06/03							
DRILL MACHINE CME-550			DRILL METHOD BENTONITE/DRAG BIT			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-C, 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
732.69													
	59.90	60			0.0								(WEATHERED ROCK)
	64.90	60			0.0								(CRYSTALLINE ROCK) SPT REFUSAL
													BORING TERMINATED AT ELEV. 722.69' IN CRYSTALLINE ROCK