

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1910203		ID R-977A		COUNTY CHEROKEE		GEOLOGIST L.A. MANN						
SITE DESCRIPTION PROPOSED BRIDGE ON US 64 OVER SR 1558							GND WATER					
BORING NO EBL B2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A					
ALIGNMENT L-REV		BORING LOCATION 41+19.700		OFFSET 17.67m RT								
COLLAR ELEV 485.70m		TOTAL DEPTH 17.45m		START DATE 8/21/97		COMPLETION DATE 08/21/97						
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV NXWL			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK 1.62m			Log EBL B2-B, Page 1 of 2						
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
485.70												
485.00	1.02	45	100	0	0.1				100	CORE 1		ROADWAY FILL: RED-BROWN SOFT SANDY SILT WITH ROCK FRAGMENTS
483.00												HARD WEATHERED ROCK: GREY-GREEN SANDY SILT
481.00										CORE 2		FRESH, SLIGHTLY FRACTURED TO SOUND METASILTSTONE REC 91% RQD 81%
479.00										CORE 3		
477.00										CORE 4		
475.00										CORE 5		
473.00										CORE 6		
471.00										CORE 7		
469.00										CORE 8		
468.25										CORE 9		
										CORE 10		
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