

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG**

PROJECT NO 8.1910203		ID R-977A		COUNTY CHEROKEE		GEOLOGIST T. P. SHELTON							
SITE DESCRIPTION PROPOSED BRIDGE ON US 64 OVER SR 1558							GND WATER						
BORING NO WBL EB2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L-REV		BORING LOCATION 41+74.000		OFFSET 7.00m LT		24 HR N/A							
COLLAR ELEV 499.05m		TOTAL DEPTH 8.98m		START DATE 1/26/98		COMPLETION DATE 01/28/98							
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log WBL EB2-B, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MoI	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
499.05													
498.00	1.28	51	100	0	0.1								SOFT WEATHERED ROCK: RED AND BROWN FINE SANDY SILT
496.00	2.80	35	43	52	0.3					SS-350			SAPROLITE: RED AND TAN, HARD FINE SANDY SILT WITH WEATHERED ROCK SEAMS
494.00	4.33	12	23	28	0.3								SOFT WEATHERED ROCK: RED AND TAN FINE SANDY SILT
492.00	5.84	72	93	50	0.2								
490.73	7.36	16	29	80	0.3								
490.07	8.88	100	0	0	0.1								
BORING TERMINATED AT ELEVATION 490.073 METERS IN SOFT WEATHERED ROCK.													