

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 EBL B4-A		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A							
ALIGNMENT L-REV		BORING LOCATION 41+57.690		OFFSET 4.00m RT										
COLLAR ELEV 495.20m		TOTAL DEPTH 10.12m		START DATE 1/26/98		COMPLETION DATE 01/26/98								
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EBL B4-A, 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					100
495.20														
494.00	0.93	17	36	41	0.3									SAPROLITE: RED AND BROWN, V. DENSE SILTY SAND WITH WEATHERED ROCK SEAMS
492.00	2.45	100	0	0	0.1									SOFT WEATHERED ROCK
490.00	3.98	100	0	0	0.1									
488.00	5.49	100	0	0	0.1									
486.00	7.01	100	0	0	0.1									
485.08	8.54	100	0	0	0.1									
	10.05	100	0	0	0.1									
BORING TERMINATED AT ELEVATION 485.082 METERS IN SOFT WEATHERED ROCK														