

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 EB2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L-REV		BORING LOCATION 41+91.770		OFFSET 17.00m RT		24 HR N/A							
COLLAR ELEV 495.19m		TOTAL DEPTH 7.06m		START DATE 1/28/98		COMPLETION DATE 01/28/98							
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EBL 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				
495.19													
494.00	0.94	3	8	47	0.3								SAPROLITE: RED AND TAN, HARD FINE SANDY SILT
492.00	2.46	65	100	0	0.1								SOFT WEATHERED ROCK
490.00	3.99	25	31	69	0.3								
488.13	5.50	13	45	47	0.3								SAPROLITE: RED AND BROWN, HARD FINE SANDY SILT WITH WEATHERED ROCK SEAMS
	7.02	100	0	0	0.0								SOFT WEATHERED ROCK
BORING TERMINATED AT ELEVATION 488.755 METERS IN SOFT WEATHERED ROCK.													