

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 EB1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A							
ALIGNMENT L-REV		BORING LOCATION 40+64.000		OFFSET 7.35m RT										
COLLAR ELEV 505.82m		TOTAL DEPTH 10.56m		START DATE 8/20/97		COMPLETION DATE 08/20/97								
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EBL EB1-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
505.82														Ground Surface
505.00	1.32	41	54	46	0.3									
503.00	2.84	66	100	0	0.1					SS-304				SOFT WEATHERED ROCK: ORANGE-BROWN AND GREEN COARSE SANDY SILT
501.00	4.37	18	30	37	0.3					SS-305				SAPROLITE: GREEN AND RED-BROWN, HARD SANDY SILT WITH THIN MANGANESE-OXIDE SEAMS
499.00	5.89	36	76	24	0.2									SOFT WEATHERED ROCK: GREEN AND ORANGE-BROWN FINE SANDY SILT
497.00	7.40	18	41	59	0.2									
495.25	8.92	100	0	0	0.1									
	10.45	100	0	0	0.1									BORING TERMINATED AT ELEVATION 495.26 METERS IN SOFT WEATHERED ROCK.