

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1910203		ID R-977A		COUNTY CHEROKEE		GEOLOGIST T.P. SHELTON							
SITE DESCRIPTION BRIDGE ON US 64 OVER HIWASSEE RIVER AT PEACHTREE							GND WATER						
BORING NO EBL B2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-REV		BORING LOCATION 68+05.000		OFFSET 5.73m RT		24 HR N/A							
COLLAR ELEV 477.20m		TOTAL DEPTH 19.93m		START DATE 10/10/97		COMPLETION DATE 10/13/97							
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV NXWL			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 7.16m			Log EBL B2-A, 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				100
477.20													
476.00	1.08	1	4	7	0.3							W	ALLUVIUM: BROWN, LOOSE TO MEDIUM DENSE, SILTY SAND
474.00	2.60	8	14	16	0.3							W	ALLUVIUM: BROWN, MEDIUM DENSE, SILTY COARSE SAND AND GRAVEL
472.00	4.13	9	12	13	0.3							W	OLIVE BROWN, SILTY, SOFT WEATHERED ROCK
470.00	5.65	88	88	12	0.2								CORE 1 FRESH JOINTED, SLIGHTLY FRACTURED PHYLLITE WITH WEATHERED, FRACTURED ZONES UP TO 1 METER THICK REC=56% RQD=31%
468.00													CORE 2
466.00													CORE 3
464.00													CORE 4 FRESH, SOUND METASILTSTONE REC=98% RQD=87%
462.00													
460.00													

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460.00													
459.00													FRESH, SOUND METASILTSTONE REC=98% RQD=87%
457.27													BORING TERMINATED AT ELEVATION 457.269 METERS IN ROCK

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