

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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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 WBL B6-A	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT -L-REV	BORING LOCATION 69+04.000	OFFSET 17.00m LT	24 HR N/A
COLLAR ELEV 471.94m	TOTAL DEPTH 22.19m	START DATE 12/19/97	COMPLETION DATE 12/19/97
DRILL MACHINE CME-45	DRILL METHOD SPT CAS ADV NXWL	HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH 0.69m	DEPTH TO ROCK 7.10m	Log WBL B6-A, Page 1 of 2	

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ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
472.63														Surface Water
472.00														Ground Surface
	0.53	6	8	10	0.3								M	ALLUVIUM: LOOSE GRAVEL AND COBBLES
	2.05	8	11	12	0.3								M	SAPROLITE: OLIVE GRAY, STIFF TO HARD, FINE SANDY SILT
	3.58	18	24	32	0.3								M	
	5.09	100	0	0	0.1									OLIVE GRAY TO BROWN, SILTY SOFT WEATHERED ROCK
	6.61	100	0	0	0.0									
													COR 1	SLIGHTLY WEATHERED, FRACTURED PHYLLITE WITH WEATHERED ROCK SEAMS REC 72% RQD 30%
													COR 2	
													COR 3	
													COR 4	
													COR 5	
													COR 6	SAPROLITE: BROWN, STIFF TO HARD, FINE SANDY SILT WITH SOFT WEATHERED ROCK SEAMS
													COR 7	
													COR 8	FRESH, SLIGHTLY FRACTURED PHYLLITE REC 80% RQD 42%

ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
454.00														
453.00														FRESH, SLIGHTLY FRACTURED PHYLLITE REC 30% RQD 42%
451.00														LIGHTLY WEATHERED, FRACTURED PHYLLITE REC 38% RQD 15%
449.75														TERMINATED BORING AT ELEVATION 471.94 METERS IN HARD ROCK

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