NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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 WBL B4-A	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-REV	**BORING LOCATION** 68+49.290	**OFFSET** 17.35m LT	**24 HR** 1.70m
COLLAR ELEV 475.41m	**TOTAL DEPTH** 26.03m	**START DATE** 10/29/97	**COMPLETION DATE** 10/30/97
DRILL MACHINE CME 550	**DRILL METHOD** SPT CAS ADV NXWL		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** 17.88m		Log WBL B4-A, Page 1 of 2

ELEV	DEPTH	BLOW CT 15cm	BLOW CT 15cm	BLOW CT 15cm	PEN (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
475.41						Ground Surface				
475.00										ALLUVIUM: BROWN TO GRAY, VERY LOOSE, SILTY FINE SAND
	1.12	0	0	0	0.3	0		W		
473.00										
	2.64	1	0	1	0.3	1		W		
471.00	4.17	14	29	50	0.3	79		M		SAPROLITE: OLIVE BROWN, VERY HARD, FINE SANDY SILT
	5.69	100	0	0	0.1	100				OLIVE BROWN, SILTY SOFT WEATHERED ROCK
469.00										
	7.22	50	100	0	0.1	100				
467.00										
	8.74	3	5	21	0.3	26		M		SAPROLITE: TAN AND GREY, STIFF TO VERY HARD, FINE SANDY SILT
465.00	10.26	15	28	50	0.3	78		M		
	11.79	10	7	7	0.3	14		M		
463.00										OLIVE GRAY, SILTY SOFT WEATHERED ROCK
	13.31	100	0	0	0.1	100				
461.00										
	14.84	100	0	0	0.1	100				
459.00	16.36	100	0	0	0.0	100				
458.00										

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ELEV	DEPTH	BLOW CT 15cm	BLOW CT 15cm	BLOW CT 15cm	PEN (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
458.00										
457.00	17.84	100	0	0	0.0	100	COR 1			OLIVE GRAY, SILTY SOFT WEATHERED ROCK
										SLIGHTLY WEATHERED, HIGHLY FRACTURED METASILTSTONE REC=98% RQD=6%
455.00							COR 2			OLIVE GRAY, SILTY SOFT WEATHERED ROCK
							COR 3			FRESH, FRACTURED METASILTSTONE REC=80% RQD=27%
453.00										
							COR 4			OLIVE GRAY, SILTY SOFT WEATHERED ROCK
451.00							COR 5			
449.38						BORING TERMINATED AT ELEVATION 449.384 METERS IN ROCK				