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 EBL B3-B	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-REV	**BORING LOCATION** 68+39.000	**OFFSET** 17.00m RT	**24 HR** N/A
COLLAR ELEV 476.36m	**TOTAL DEPTH** 16.92m	**START DATE** 10/15/97	**COMPLETION DATE** 10/15/97
DRILL MACHINE CME 550	**DRILL METHOD** SPT CAS ADV NXWL		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** 6.10m		Log EBL B3-B, 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
476.36						Ground Surface				
476.00										ALLUVIUM: BROWN, VERY LOOSE TO LOOSE SILTY SAND
	0.99	1	1	1	0.3	2		W		
474.00										
	2.51	2	2	3	0.3	5		W		
472.00										ALLUVIUM: BROWN AND TAN, MEDIUM DENSE SILTY SAND WITH ROCK FRAGMENTS
	4.04	4	8	9	0.3	17		M		
										SAPROLITE: OLIVE GREY, HARD, FINE SANDY SILT
	5.56	100	0	0	0.1	100				SOFT WEATHERED ROCK
470.00							CORE 1			FRESH JOINTED TO WEATHERED, FRACTURED METASILTSTONE REC=36% RQD=11%
468.00							CORE 2			
466.00										FRESH, SOUND METASILTSTONE REC=95% RQD=91%
							CORE 3			
464.00										
462.00							CORE 4			
460.00										FRESH JOINTED TO WEATHERED, FRACTURED METASILTSTONE REC=37% RQD=22%
459.44										

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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
459.44						BORING TERMINATED AT ELEVATION 459.439 METERS IN ROCK				