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-B	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-REV	**BORING LOCATION** 68+55.000	**OFFSET** 5.70m LT	**24 HR** N/A
COLLAR ELEV 476.13m	**TOTAL DEPTH** 27.37m	**START DATE** 10/30/97	**COMPLETION DATE** 11/04/97
DRILL MACHINE CME 550	**DRILL METHOD** SPT CAS ADV NXWL		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** 13.20m		Log WBL B4-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
476.13						Ground Surface				
475.00	1.04	1	0	2	0.3	2		W		ALLUVIUM: BROWN, VERY LOOSE SILTY SAND
473.00	2.56	10	4	2	0.3	6		W		ALLUVIUM: BROWN, LOOSE SILTY SAND WITH GRAVEL
471.00	4.09	8	6	14	0.3	20		M		SAPROLITE: BROWN, STIFF, FINE SANDY SILT
469.00	5.61	41	61	39	0.3	100		M		OLIVE BROWN, SILTY SOFT WEATHERED ROCK
467.00	8.64	20	22	26	0.3	48		M		SAPROLITE: OLIVE BROWN, HARD, FINE SANDY SILT
465.00	11.68	100	0	0	0.1	100				OLIVE GRAY, SILTY SOFT WEATHERED ROCK
463.00							COR 1			SLIGHTLY WEATHERED, FRACTURED METASILTSTONE REC=54% RQD=14%
461.00							COR 2			
459.53										

Continued on the next page.

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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
459.53										
459.00							COR 3			FRESH, SLIGHTLY FRACTURED TO SOUND METASILTSTONE WITH A FEW THIN WEATHERED SEAMS REC=87% RQD=43%
457.00							COR 4			
455.00							COR 5			
453.00							COR 6			
451.00							COR 7			
449.00							COR 8			
448.76							COR 9			
						BORING TERMINATED AT ELEVATION 448.759 METERS IN ROCK				