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 B3-A	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-REV	**BORING LOCATION** 68+24.540	**OFFSET** 17.35m LT	**24 HR** 2.20m
COLLAR ELEV 475.97m	**TOTAL DEPTH** 22.78m	**START DATE** 11/06/97	**COMPLETION DATE** 11/06/97
DRILL MACHINE CME 550	**DRILL METHOD** SPT CAS ADV NXWL		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** 14.55m		Log WBL B3-A, Page 1 of 2

ELEV	DEPTH	BLOW CT 15cm	15cm	15cm	PEN (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NO	▼ MOI	LOG	SOIL AND ROCK DESCRIPTION
475.97						Ground Surface				
475.00	0.47	1	0	1	0.3	1		W		ALLUVIUM: BROWN AND BLACK, VERY LOOSE SILTY SAND
	1.99	1	1	2	0.3	3		▼ W		
473.00	3.51	36	28	12	0.3	40		W		ALLUVIUM: BROWN AND TAN, DENSE SILTY SAND WITH ROUNDED GRAVEL
471.00	5.04	28	36	48	0.3	84		M		SAPROLITE: OLIVE GREY, VERY HARD, FINE SANDY SILT
469.00	6.56	86	86	14	0.2	100				OLIVE GRAY, SILTY SOFT WEATHERED ROCK
	8.09	48	86	14	0.2	100				
467.00	9.61	100	0	0	0.1	100				
465.00	11.13	100	0	0	0.1	100				
463.00	12.65	63	100	0	0.1	100				
	14.18	100	0	0	0.1	100				
461.00							COR 1			FRESH, SOUND METASILTSTONE REC=95% RQD=84%
459.00							COR 2			
458.00							COR 3			

Continued on the next page

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458.00										
457.00										FRESH, SOUND METASILTSTONE REC=95% RQD=84%
							COR 4			
455.00							COR 5			
453.19						BORING TERMINATED AT ELEVATION 453.194 METERS IN ROCK				