

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-A			NORTHING 0.00			EASTING 0.00			0 HR N/A			
ALIGNMENT -L-REV			BORING LOCATION 68+34.000			OFFSET 5.73m RT			24 HR 2.40m			
COLLAR ELEV 475.99m			TOTAL DEPTH 21.26m			START DATE 11/04/97			COMPLETION DATE 11/05/97			
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV NXWL			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 10.00m			Log EBL B3-A, Page 1 of 2						
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm	(m)	0	25	50	75	100		
475.99												
	1.26	1	0	1	0.3	X						
	2.78	1	4	11	0.3		X					
	4.31	9	18	24	0.3			X				
	5.83	18	58	42	0.2					X		
	7.36	51	100	0	0.1						X	
	8.88	100	0	0	0.1							X
465.00												
463.00												
461.00												
459.00												
458.00												

Continued on the next page.

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SURFACE WATER DEPTH N/A			DEPTH TO ROCK 10.00m			Log EBL B3-A, Page 2 of 2						
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm	(m)	0	25	50	75	100		
458.00												
457.00												
455.00												
454.73												

BORING TERMINATED AT ELEVATION 454.73 METERS IN ROCK.

CORE 6

FRESH, SOUND METASILTSTONE WITH A FEW THIN WEATHERED SEAMS  
REC=98% RQD=96%