NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1910203	**ID** R-977A	**COUNTY** CHEROKEE	**GEOLOGIST** T. P. SHELTON
SITE DESCRIPTION PROPOSED BRIDGE ON US 64 OVER SR 1558			**GND WATER**
BORING NO WBL B4-B	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT L-REV	**BORING LOCATION** 41+49.000	**OFFSET** 7.00m LT	**24 HR** N/A
COLLAR ELEV 498.58m	**TOTAL DEPTH** 13.61m	**START DATE** 1/29/98	**COMPLETION DATE** 01/29/98
DRILL MACHINE CME 550	**DRILL METHOD** SPT CAS ADV NXWL		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** 7.58m		Log WBL B4-B, Page 1 of 1

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
498.58						Ground Surface				
498.00										SOFT WEATHERED ROCK: RED AND TAN SANDY SILT
	1.50	100	0	0	0.1	100				
496.00										
	3.02	100	0	0	0.1	100				
494.00										
	4.55	75	80	20	0.2	100				
492.00	6.06	100	0	0	0.1	100				
	7.58	100	0	0	0.0	100	CORE 1			SLIGHTLY WEATHERD, FRACTURED PHYLLITE WITH THIN WEATHERED ROCK ZONES REC 94% RQD 51%
490.00							CORE 2			
488.00							CORE 3			
486.00							CORE 4			
484.97						BORING TERMINATED AT ELEVATION 484.975 METERS IN ROCK				