

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34357.1.1		ID R-0977A		COUNTY CHEROKEE		GEOLOGIST TB DANIEL								
SITE DESCRIPTION US 64 EBL OVER HIWASSEE RIVER AT -LC1B- 16+02.3 POT							GND WATER							
BORING NO B2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT -LC1B-		BORING LOCATION 16+47.655		OFFSET 10.29m RT		24 HR 2.75m								
COLLAR ELEV 465.45m		TOTAL DEPTH 16.14m		START DATE 1/27/04		COMPLETION DATE 01/28/04								
DRILL MACHINE CME-550			DRILL METHOD CORE BORING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log B2-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
465.45														
465.00														ALLUVIUM: BROWN FINE SANDY SILT WITH CLAY AND BASAL GRAVEL
	1.50	0	0	1	0.30	1					SS-1			
463.00														
	3.02	2	1	3	0.30	4					SS-2			
461.00														WEATHERED ROCK
459.00														CRYSTALLINE ROCK, TOTAL CORE RUN=11.34 TOTAL REC=90% TOTAL RQD=42%
457.00														
455.00														
453.00														
451.00														
449.31														
CORING TERMINATED IN HARD FRESH PHYLLITE AT A DEPTH OF 16.14 METERS.														