

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 B1-A	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT -LC1B-	BORING LOCATION 15+52.145	OFFSET 0.60m LT	24 HR 1.71m
COLLAR ELEV 464.37m	TOTAL DEPTH 16.37m	START DATE 2/03/04	COMPLETION DATE 02/04/04
DRILL MACHINE CME-550	DRILL METHOD CORE BORING	HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH		DEPTH TO ROCK N/A	

ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
464.37													
464.00													
	1.65	1	0	0	0.30	0							ALLUVIUM: BROWN SANDY SILT WITH SOME CLAY
462.00													
	3.17	1	2	15	0.30	7				SS-7 SS-8			ALLUVIUM: CLAYEY SAND WITH BASAL GRAVEL
460.00													WEATHERED ROCK WITH SAPROLITE SEAMS, CORED FROM 3.62 TO 5.0
458.00													CRYSTALLINE ROCK, EXCLUDING WEATHERED ROCK TOTAL CORE RUN= 11.37 TOTAL REC=77% TOTAL RQD=26%
456.00													
454.00													
452.00													
450.00													
448.00													
													CORING TERMINATED IN HARD FRESH PHYLLITE AT A DEPTH OF 16.37 METERS.