

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34357.1.1		ID R-0977A		COUNTY CHEROKEE		GEOLOGIST DP MURPHY									
SITE DESCRIPTION BRIDGE ON EBL OVER MATRIN CK. AT STA. 24+60.5 -LC1B-							GND WATER								
BORING NO B1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A									
ALIGNMENT -LC1B-		BORING LOCATION 24+70.300		OFFSET 16.50m RT		24 HR 1.25m									
COLLAR ELEV 471.21m		TOTAL DEPTH 13.35m		START DATE 2/03/04		COMPLETION DATE 02/03/04									
DRILL MACHINE CME-550			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-B, Page 1 of 1									
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
471.21															
															Ground Surface
470.00	1.38	3	97	0.18											ALLUVIUM: BROWN SANDY SILT
															WEATHERED ROCK
															CRYSTALLINE ROCK: PHYLLITE WITH THIN SANDY LAYERS, TOTAL RUN = 11.2M TOTAL REC. = 98% TOTAL RQD = 98%
459.88															CORING TERMINATED IN CRYSTALLINE ROCK AT A DEPTH OF 13.35 METERS.