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-A	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -LCIB-	**BORING LOCATION** 24+64.250	**OFFSET** 6.50m RT	**24 HR** 1.50m
COLLAR ELEV 471.29m	**TOTAL DEPTH** 14.84m	**START DATE** 1/29/04	**COMPLETION DATE** 01/29/04
DRILL MACHINE CME-550	**DRILL METHOD** SPT CORE BORING		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** N/A		**Log B1-A, 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
471.29						Ground Surface				
470.00	1.37	100			0.07	100				RESIDUAL: RED SILTY CLAY WITH FRAGMENTS OF ROCK, GRADES TO SILTY SAND. WEATHERED ROCK
468.00	2.89	100			0.05	100				
466.00										CRYSTALLINE ROCK: PHYLLITE WITH THIN SANDY LAYERS, TOTAL RUN = 11.34M TOTAL REC. = 98% TOTAL RQD = 98%
464.00										
462.00										
460.00										
458.00										
456.45						CORING TERMINATED IN CRYSTALLINE ROCK AT A DEPTH OF 14.84 METERS.				