

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 EB2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -LCIB-		BORING LOCATION 25+53.030		OFFSET 15.64m RT		24 HR 4.90m							
COLLAR ELEV 478.65m		TOTAL DEPTH 6.85m		START DATE 2/04/04		COMPLETION DATE 02/04/04							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-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				
478.65													
478.00	0.77	10	36	64	0.27								RESIDUAL: RED SILTY CLAY WITH ROCK FRAGMENTS, GRADES TO SILTY SAND
476.00	2.29	100			0.12								WEATHERED ROCK WITH OCCASIONAL CLAY SEAMS
474.00	3.81	100			0.10								
472.00	5.33	68	32		0.25								
471.80													
BORING TERMINATED BY AUGER - REFUSAL AT A DEPTH OF 6.60 METERS ON CRYSTALLINE ROCK													