

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

21/70

PROJECT NO. 33377.1.1		ID. B-4009		COUNTY ANSON		GEOLOGIST STICKNEY J.K.									
SITE DESCRIPTION BRIDGE NO. 33 OVER BROWN CREEK ON US 74 WBL							GROUND WATER								
BORING NO. EBI-A		BORING LOCATION 35+36.00		OFFSET -7.00		ALIGNMENT L									
COLLAR ELEVATION 252.90		NORTHING 457213.7163		EASTING 1644588.4065		0 HR. 9.5									
TOTAL DEPTH 39.5		DRILL MACHINE CME-550X		DRILL METHOD NWCAS/TRI-CONE		HAMMER TYPE AUTOMATIC									
START DATE 3/21/05		COMPLETION DATE 3/21/05		SURFACE WATER DEPTH		DEPTH TO ROCK									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'		0	25	50	75	100					
252.90															(ROADWAY FILL) LOOSE ASPHALT GRAVEL & ROCK BURIED IN FILL
250.00	4	2	3	2	1	x 5									
245.00	9	0	0	0	1	x 0					SS-16	SAT			(ALLUVIUM) TAN-BRN-GRAY TO TAN-GRAY V. SOFT TO SOFT SILTY F. SANDY CLAY TO SANDY SILTY CLAY (A-6)
240.00	14	1	1	2	1	x 3					SS-17	SAT			
235.00	19	0	0	0	1	x 0						SAT			
230.00	24	100			0.2					100 X					(NO RECOVERY) POSSIBLE METAL TIE-BACK (METAL SHAVINGS IN CUTTINGS) TRI-CONE BIT DESTROYED
225.00	29	100			0.2					100 X					(TRIASSIC) WEATHERED ROCK (TAN-BRN TO RED-PURPLE HARD SANDY SILTY CLAY)
220.00	34	100			0.3					100 X					
215.00	39	100			0.5					100 X					
210.00															
205.00															
200.00															
195.00															
190.00															
185.00															
180.00															
175.00															
TERMINATED BORING AT ELEV. 213.40 IN WEATHERED ROCK															