

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

28/70

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. B4-A		BORING LOCATION 37+31.50		OFFSET -8.00		ALIGNMENT L	0 HR. 0.0							
COLLAR ELEVATION 243.30		NORTHING 457102.6744		EASTING 1644749.3131			24 HR. 0.0							
TOTAL DEPTH 49.0		DRILL MACHINE CME-550X		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC								
START DATE 3/15/05		COMPLETION DATE 3/15/05		SURFACE WATER DEPTH		DEPTH TO ROCK 43.9								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
243.30														(ALLUVIUM) GRAY-BRN SOFT F. SANDY SILTY CLAY (A-6)
240.00	3.9	1	2	1	1	X 3						SS-5	M	
235.00	8.9	0	0	0	1	X 0						SS-6	SAT	BRN-GRAY V. LOOSE TO MED. DENSE SILTY SAND W/QTZ. GRAVEL (A-2-4)
230.00	13.9	1	3	8	1	X 11							SAT	
225.00	18.9	17	17	66	1				X 83			SS-7	D	(TRIASSIC) GRAY-WHITE TO RED-PURPLE V. DENSE CLAYEY SILTY SAND (A-2-4)
220.00	23.9	47	53		0.7				100 X				D	WEATHERED ROCK (RED-PURPLE HARD SANDY CLAYEY SILT) W/ NON-CRYSTALLINE RK. LAYER @ 33.9
215.00	28.9	100			0.25				100 X				D	
210.00	33.9	100			0.1				100 X				D	
205.00	38.9	100			0.4				100 X				D	
200.00	43.9	100			0.15				REF X				D	NON-CRYSTALLINE ROCK
195.00	48.9	100			0.1				REF X				D	
190.00														
185.00														
180.00														
175.00														
170.00														
165.00														TERMINATED BORING AT ELEV. 194.30 IN NON-CRYSTALLINE ROCK