

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

3/70

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. B5-B		BORING LOCATION 37+77.00		OFFSET 8.00		ALIGNMENT L									
COLLAR ELEVATION 245.00		NORTHING 457063.5180		EASTING 1644777.4738		0 HR. 24 HR.									
TOTAL DEPTH 45.75		DRILL MACHINE CME-550X		DRILL METHOD NWCASING		HAMMER TYPE AUTOMATIC									
START DATE 32905		COMPLETION DATE 32905		SURFACE WATER DEPTH 0.2		DEPTH TO ROCK 45.6									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100					
245.00															(ALLUVIUM) BRN SOFT F. SANDY SILTY CLAY (A-6)
240.00	5.6	0	1	1	1	X 2						SS-19	M		
235.00	10.6	1	1	2	1	X 3						SS-20	M		BRN-GRAY SOFT CLAYEY F. SANDY SILT (A-4)
230.00	15.6	3	4	7	1	X 11						SS-21	SAT		GRAY MED. DENSE SILTY CSE. SAND W/QTZ. GRAVEL (A-1-A)
225.00	20.6	20	22	26	1				X 48			SS-22	D		(TRIASSIC) GRAY-WHITE HARD SILTY SANDY CLAY (A-6)
220.00	25.6	100			0.5								D		WEATHERED ROCK (GRAY-WHITE TO RED-PURPLE V. DENSE CLAYEY SILTY SAND)
215.00	30.6	100			0.3								D		
210.00	35.6	100			0.3								D		
205.00	40.6	100			0.2								D		
200.00	45.6	100			0.15						REF X		D		NON-CRYSTALLINE ROCK (RED-PURPLE HARD SILTY CLAY)
195.00															
190.00															
185.00															
180.00															
175.00															
170.00															
165.00															

TERMINATED BORING AT  
 ELEV. 199.25 IN  
 NON-CRYSTALLINE ROCK