

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

39/70

PROJECT NO. 33377.1.1		ID. B-4009		COUNTY ANSON		GEOLOGIST TODD R.W.							
SITE DESCRIPTION BRIDGE NO. 33 OVER BROWN CREEK ON US 74 WBL							GROUND WATER						
BORING NO. B9-B		BORING LOCATION 39+56.50		OFFSET 9.50		ALIGNMENT L							
COLLAR ELEVATION 246.10		NORTHING 456959.5807		EASTING 1644923.8280		0 HR.							
TOTAL DEPTH 53.5		DRILL MACHINE CME-550X		DRILL METHOD NWCAS/TRI-CONE		HAMMER TYPE AUTOMATIC							
START DATE 32905		COMPLETION DATE 32905		SURFACE WATER DEPTH		DEPTH TO ROCK 23.4							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'		0	25	50	75				100
246.10													
245.00													(ALLUVIUM) BRN V. SOFT TO SOFT F. SANDY SILTY CLAY (A-6) W/QTZ. GRAVEL
240.00													
235.00	12.4	1	2	3	1	X 5				SS-68	SAT		GRAY & BRN LOOSE CSE. SAND (A-1-B)
230.00	17.4	18	64	36	0.6				100 X	SS-69	D		(TRIASSIC) GRAY V. STIFF CLAYEY F. SANDY SILT (A-4)
225.00	23.4	100			0.1				REF X		D		WEATHERED ROCK (GRAY TO RED-BRN HARD CLAYEY F. SANDY SILT (A-4)
220.00	28.4	100			0.1				REF X		D		NON CRYSTALLINE ROCK W/ WEATHERED ROCK SEAM @ 38.4 (BRN & GRAY HARD CLAYEY F. SANDY SILT)
215.00	33.4	100			0.1				REF X		D		
210.00	38.4	100			0.2				100 X		D		
205.00	43.4	100			0.1				REF X		D		
200.00	48.4	100			0.1				REF X		D		
195.00	53.4	100			0.1				REF X		D		
190.00													
185.00													
180.00													
175.00													
170.00													TERMINATED BORING AT ELEV. 192.60 IN NON-CRYSTALLINE ROCK