

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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. EB2-A		BORING LOCATION 41+93.00		OFFSET -7.70		ALIGNMENT L									
COLLAR ELEVATION 252.90		NORTHING 456838.3653		EASTING 1645127.6291		0 HR. CAVED 24 HR. NM									
TOTAL DEPTH 39.7		DRILL MACHINE CME-550X		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC									
START DATE 3/14/05		COMPLETION DATE 3/15/05		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) RED-ORANGE V. SOFT TO MED. STIFF SANDY SILTY CLAY (A-7-6)
250.00	4.4	0	0	0	1	X	0							SS-1	M
245.00	9.4	3	2	2	1	X	4								
240.00	14.4	0	0	0	1	X	0							SS-2	M/W
235.00	19.4	0	0	0	1	X	0								(ALLUVIUM) GRAY V. SOFT F. SANDY SILTY CLAY (A-6)
230.00	24.4	58	42		0.7									SS-3	D
225.00	29.4	67	33		0.7									D	(TRIASSIC) WEATHERED ROCK (RED-PURPLE HARD SANDY SILTY CLAY) (MUDSTONE)
220.00	34.4	100			0.4									D	
215.00	39.4	100			0.3									D	
210.00															
205.00															
200.00															
195.00															
190.00															
185.00															
180.00															
175.00															

TERMINATED BORING AT
 ELEV. 213.20 IN
 WEATHERED ROCK

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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. EB2-B		BORING LOCATION 41+96.50		OFFSET 8.00		ALIGNMENT L									
COLLAR ELEVATION 252.90		NORTHING 456823.4867		EASTING 1645121.5163		0 HR. CAVED 24 HR. 5.0									
TOTAL DEPTH 25.1		DRILL MACHINE CME-550X		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC									
START DATE 3/28/05		COMPLETION DATE 3/28/05		SURFACE WATER DEPTH		DEPTH TO ROCK 25.1									
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) RED-BRN & GRAY V. SOFT TO SOFT HIGH PLASTIC (PI=28) F. SANDY SILTY CLAY (A-7-6) W/ASHPALT/SUBGRADE 0-3'
250.00	5.2	1	1	1	1	X	2							SS-66	W
245.00	10.2	1	1	3	1	X	4							SAT	(ALLUVIUM) GRAY SOFT TO V. SOFT F. SANDY SILTY CLAY (A-6) W/WOOD @ 15.2+/-
240.00	15.2	1	3	1	1	X	4							SAT	
235.00	20.2	1	0	0	1	X	0							SS-67	W
230.00															(TRIASSIC) WEATHERED ROCK
225.00															
220.00															
215.00															
210.00															
205.00															
200.00															
195.00															
190.00															
185.00															
180.00															
175.00															

TRI-CONE REFUSAL AT
 ELEV. 227.80 ON
 HARD ROCK