

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. B13-B		BORING LOCATION 41+50.50		OFFSET 9.00		ALIGNMENT L				
COLLAR ELEVATION 245.10		NORTHING 456848.9870		EASTING 1645083.2184		24 HR.				
TOTAL DEPTH 36.0		DRILL MACHINE CME-550X		DRILL METHOD NWCAS/NXWL		HAMMER TYPE AUTOMATIC				
START DATE 3/28/05		COMPLETION DATE 3/28/05		SURFACE WATER DEPTH 0.9		DEPTH TO ROCK 21.8				
ELEV.	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		
245.10 245.00										(ALLUVIUM) GRAY & BRN V. LOOSE SAND (A-2-4)
240.00									SAT	
235.00	12.3	1	2	1	1	3				
230.00	17.3	5	14	86	1			100	D	(TRIASSIC) BRN MED. STIFF F. SANDY SILTY CLAY (A-6)
225.00	21.8									WEATHERED ROCK (BRN HARD F. SANDY SILTY CLAY)
220.00	26.6								CORE1 RS-10	(NON-CRYSTALLINE ROCK) RED-BRN TO GRAY SLI. WEATH. MOD. HARD MUDSTONE & SANDSTONE REC=94%
215.00	31.2								CORE2	RQD=94%
210.00									CORE3	RED-BRN TO GRAY SLI. WEATH. MOD. HARD MUDSTONE & SANDSTONE REC=100%
205.00										RQD=91%
200.00										RED-BRN MOD. WEATH. MOD. MOD. HARD MUDSTONE REC=100% RQD=92%
195.00										
190.00										
185.00										
180.00										
175.00										
170.00										TERMINATED BORING AT ELEV. 209.10 IN MOD. WEATH. MOD. HARD MUDSTONE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 33377.1.1 PROJECT ID: B-4009 COUNTY: ANSON GEOLOGIST: R.W. TODD
 SITE DESCRIPTION: BRIDGE NO. 33 ON US 74 OVER BROWN CREEK DRILLER:
 BORING NO: B13-B BORING LOCATION (STA): 41+50.50 -L- OFFSET: 9.00' RT.
 COLLAR ELEV: 245.10' PERSONNEL: CORE SIZE: NXWL
 TOTAL DEPTH: 36.00' DRILL MACHINE: CME-550 DATE STARTED: 03/28/05
 TOTAL RUN: 14.20' DRILL EQUIP: DATE COMPLETED: 03/28/05

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
223.30	21.80		1	94	94	RS-10	RED/BRN. TO GRAY, SLI. WEATH., MOD. HARD, MUDSTONE TO SANDSTONE. FS = THIN TO THICK
218.50	26.60		2	100	91		RED/BRN. TO GRAY, SLI. WEATH., MOD. HARD, MUDSTONE TO SANDSTONE. FS = THIN TO THICK
213.90	31.20		3	100	92		RED/BRN., MOD. WEATH., MOD. HARD, MUD- STONE. FS = THIN
209.10	36.00						
NOTES							