

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. B11-A		BORING LOCATION 40+46.50		OFFSET -8.00		ALIGNMENT L									
COLLAR ELEVATION 245.40		NORTHING 456922.4363		EASTING 1645007.6525		0 HR.									
TOTAL DEPTH 48.7		DRILL MACHINE CME-550X		DRILL METHOD NWCAS/NXWL		HAMMER TYPE AUTOMATIC									
START DATE 3/22/05		COMPLETION DATE 3/22/05		SURFACE WATER DEPTH		DEPTH TO ROCK 18.8									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	L MOL.	C LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'		0	25	50	75	100					
245.40															
245.00															(ALLUVIUM) BRN V. SOFT TO SOFT F. SANDY SILTY CLAY (A-6) W/GRAVEL
240.00															W
235.00	12	3	3	3	1	X 6									SS-61
230.00	17	3	4	11	1	X 15									M
225.00	18.8														M
225.00	21.7														CORE1
225.00	21.7														CORE2
220.00	26.5														CORE3
215.00	31.3														CORE4
215.00	31.3														RS-1
210.00	36.1														CORE5
210.00	36.1														CORE5
205.00	40.9														CORE6
205.00	40.9														CORE6
200.00	45.7														CORE7
200.00	45.7														CORE7
195.00															
195.00															
190.00															
190.00															
185.00															
185.00															
180.00															
180.00															
175.00															
175.00															
170.00															
170.00															

TERMINATED BORING AT
 ELEV. 196.70 IN SEV. WEATH.
 SOFT MUDSTONE

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

SHEET 42 OF 70

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: B11-A BORING LOCATION (STA): 40+46.50 -L- OFFSET: 8.00' LT.
 COLLAR ELEV: 245.40' PERSONNEL: CORE SIZE: NXWL
 TOTAL DEPTH: 48.70' DRILL MACHINE: CME-550 DATE STARTED: 03/22/05
 TOTAL RUN: 29.90' DRILL EQUIP: DATE COMPLETED: 03/22/05

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
226.60	18.80		1	28	0		GRAY, SEV. WEATH., MED. HARD, SANDSTONE. FS = THIN
223.70	21.70		2	79	25		RED/BRN., SEV. WEATH., V. SOFT TO SOFT, MUDSTONE. FS = VERY THINLY BEDDED
218.90	26.50		3	98	31		RED/BRN., SEV. WEATH., V. SOFT TO SOFT, MUDSTONE. FS = VERY THINLY BEDDED
214.10	31.30		4	98	48	RS-1	RED/BRN., MOD. WEATH., MED. HARD, MUD- STONE.
209.30	36.10		5	96	75		RED/BRN., SLI. WEATH., MOD. HARD, MUD- STONE. FS = VERY THINLY BEDDED
204.50	40.90		6	97	53		RED/BRN., MOD. WEATH., MED. HARD, MUD- STONE. FS = VERY THINLY BEDDED
199.70	45.70		7	100	26		RED/BRN., SEV. WEATH., SOFT, MUDSTONE. FS = VERY THINLY BEDDED
196.70	48.70						FS = VERY THINLY BEDDED

NOTES