

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

SHEET 29 OF 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. B4-B	BORING LOCATION 37+31.00	OFFSET 7.50	ALIGNMENT L
COLLAR ELEVATION 244.80	NORTHING 457090.2435	EASTING 1644740.0342	0 HR. 24 HR.
TOTAL DEPTH 40.1	DRILL MACHINE CME-550X	DRILL METHOD NWCAS/NXWL	HAMMER TYPE AUTOMATIC
START DATE 32805	COMPLETION DATE 32805	SURFACE WATER DEPTH 1.0	DEPTH TO ROCK 22.3

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: J.K. STICKNEY
 SITE DESCRIPTION: BRIDGE NO. 33 ON US 74 OVER BROWN CREEK DRILLER: C.L. SMITH
 BORING NO: B4-B BORING LOCATION (STA): 37+31 -L- OFFSET: 7.5' RT.
 COLLAR ELEV: 244.80' PERSONNEL: CORE SIZE: NXWL
 TOTAL DEPTH: 40.10' DRILL MACHINE: CME-550 DATE STARTED: 03/28/05
 TOTAL RUN: 17.80' DRILL EQUIP: DATE COMPLETED: 03/28/05

ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75			
244.80												(ALLUVIUM) GRAY-BRN SOFT F. SANDY SILTY CLAY (A-6)
240.00	5.5	1	1	1	1	X 2						SAT
235.00	10.5	1	2	2	1	X 4						SAT
230.00	15.5	1	6	14	1	X 20						SAT
225.00	20.5	15	22	55	1							CORE1
222.3	22.3											CORE2
220.00	25.2											RS-9
215.00	30.2											CORE3
210.00	35.2											CORE4
205.00												
200.00												
195.00												
190.00												
185.00												
180.00												
175.00												
170.00												
165.00												

TERMINATED BORING AT
 ELEV. 204.70 IN SLI. WEATH.
 MOD. HARD MUDSTONE

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
222.50	22.30		1	100	45		GREEN/BRN., MOD. SEV. WEATH., SOFT, SANDSTONE & MUDSTONE. FS = THIN
219.60	25.20		2	96	42		BRN./RED, MOD. SEV. WEATH., SOFT, SANDSTONE & MUDSTONE. FS = THIN
214.60	30.20		3	91	61	RS-9	RED/BRN., SLI. WEATH., MOD. HARD, MUDSTONE. FS = THIN
209.60	35.20		4	95	95		RED/BRN., SLI. WEATH., MOD. HARD, MUDSTONE. FS = THIN TO THICK
204.70	40.10'						FS = THIN TO THICK

NOTES