

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. B6-B		BORING LOCATION 38+22.00		OFFSET 8.00		ALIGNMENT L									
COLLAR ELEVATION 245.20		NORTHING 457037.7697		EASTING 1644814.3795		0 HR.									
TOTAL DEPTH 40.0		DRILL MACHINE CME-550X		DRILL METHOD NWCAS/NXWL		HAMMER TYPE AUTOMATIC									
START DATE 3/29/05		COMPLETION DATE 3/29/05		SURFACE WATER DEPTH 0.3		DEPTH TO ROCK 22.2									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100					
245.20															
245.00															(ALLUVIUM) BRN SOFT F. SANDY SILTY CLAY (A-6)
240.00	5.7	0	1	2	1	X3								M/W	
235.00	10.7	2	3	4	1	X7								SAT	BRN-GRAY MED. STIFF CLAYEY F. SANDY SILT(A-4)
230.00	15.7	0	1	1	1	X2								SAT	GRAY-BRN V. LOOSE SILTY CSE. SAND W/ WOOD FRAGS. (A-1-A)
225.00	20.7	44	56		0.9									D	(TRIASSIC) GRAY-BRN V. STIFF TO HARD F. SANDY SILTY CLAY (A-6)
222.2															WEATHERED ROCK
220.00	25.2													CORE1	(NON-CRYSTALLINE ROCK) BRN COMPLETELY WEATH. V. SOFT MUDSTONE REC=23% RQD=0%
215.00	30.4													CORE2	BRN SLI. WEATH. MOD. HARD SANDSTONE REC=92% RQD=74%
210.00	35.2													CORE3	BRN SLI. WEATH. MOD. HARD SANDSTONE REC=99% RQD=99%
205.00														CORE4	BRN-GRAY SLI. WEATH. MOD. HARD SANDSTONE REC=98% RQD=90%
200.00															
195.00															
190.00															
185.00															
180.00															
175.00															
170.00															

TERMINATED BORING AT
 ELEV. 205.20 IN SLI. WEATH.
 MOD. HARD SANDSTONE

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

SHEET 33 OF 70

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: B6-B BORING LOCATION (STA): 38+22 -L- OFFSET: 8.0' RT.
 COLLAR ELEV: 245.20' PERSONNEL: CORE SIZE: NXWL
 TOTAL DEPTH: 40.00' DRILL MACHINE: CME-550 DATE STARTED: 03/29/05
 TOTAL RUN: 17.80' DRILL EQUIP: DATE COMPLETED: 03/29/05

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
223.00	22.20		1	23	00		BRN., COMPLETELY WEATH., VERY SOFT, MUDSTONE.
220.00	25.20		2	92	74	RS-6	FS = THIN BRN., SLI. WEATH., MOD. HARD, SANDSTONE.
214.80	30.40		3	99	99		FS = THICK BRN., SLI. WEATH., MOD. HARD, SANDSTONE.
210.00	35.20		4	98	90		FS = THICK BRN./GRAY, SLI. WEATH., MOD. HARD, SANDSTONE.
205.20	40.00						FS = THICK
NOTES							