

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

SHEET 22 OF 70

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

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. B1-A	BORING LOCATION 35+82.00	OFFSET -7.70	ALIGNMENT L
COLLAR ELEVATION 241.80	NORTHING 457187.9699	EASTING 1644626.5327	0 HR.
TOTAL DEPTH 44.0	DRILL MACHINE CME-550X	DRILL METHOD NWCAS/NXWL	HAMMER TYPE AUTOMATIC
START DATE 3/18/05	COMPLETION DATE 3/18/05	SURFACE WATER DEPTH 3.7	DEPTH TO ROCK 20.2

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: B1-A BORING LOCATION (STA): 35+82 -L- OFFSET: 7.70' LT.
 COLLAR ELEV: 241.80' PERSONNEL: CORE SIZE: NXWL
 TOTAL DEPTH: 44.00' DRILL MACHINE: CME-550 DATE STARTED: 03/18/05
 TOTAL RUN: 23.80' DRILL EQUIP: DATE COMPLETED: 03/18/05

ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75			
241.80												(ALLUVIUM) GRAY V. SOFT TO V. STIFF SANDY SILTY CLAY (A-6) W/WOOD (PINE LOG)
240.00	3.3	1	1	1	1							SAT
235.00	8.3	1	6	14	1							
230.00	13.3	1	3	5	1							SS-12
225.00	18.3	100			0.4							WEATHERED ROCK
220.00	20.2											CORE1
215.00	23.1											CORE2
210.00	27.9											CORE3
205.00	33.1											CORE4
200.00	37.9											RS-3
195.00	42.7											CORE5
190.00												CORE6
185.00												
180.00												
175.00												
170.00												
165.00												

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
221.60	20.20		1	79	21		RED/BRN., MOD. SEV. WEATH., MOD. HARD, SANDSTONE. FS = THIN
218.70	23.10		2	100	60		GRAY, MOD. WEATH., MOD. HARD, SANDSTONE. FS = THIN
213.90	27.90		3	92	33		RED/BRN., MOD. SEV. WEATH., MED. HARD, MUDSTONE. FS = THICK
208.70	33.10		4	100	43	RS-3	RED/BRN., MOD. WEATH., MED. HARD, MUDSTONE. FS = THICK
203.90	37.90		5	89	33		RED/BRN., MOD. WEATH., MED. HARD, MUDSTONE. FS = THICK
199.10	42.70		6	100	69		RED/BRN., SLI. WEATH., MOD. HARD, MUDSTONE. FS = THICK
197.80	44.00						FS = THICK

NOTES

TERMINATED BORING AT
 ELEV. 197.80 IN SLI. WEATH.
 MOD. HARD MUDSTONE