

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. B5-A		BORING LOCATION 37+76.50		OFFSET -7.50		ALIGNMENT L								
COLLAR ELEVATION 243.60		NORTHING 457076.5160		EASTING 1644785.9326		24 HR. 0.0								
TOTAL DEPTH 43.9		DRILL MACHINE CME-550X		DRILL METHOD NWCAS/NXWL		HAMMER TYPE AUTOMATIC								
START DATE 3/18/05		COMPLETION DATE 3/18/05		SURFACE WATER DEPTH 1.7		DEPTH TO ROCK 22.7								
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	100				
243.60														(ALLUVIUM) BRN V. SOFT TO SOFT F. SANDY SILTY CLAY (A-6)
240.00														
235.00	10	11	17	12	1									
230.00	15	11	13	23	1									
225.00	18.2	45	55		0.7									
220.00	20.9	100			0.5									
215.00	22.7													
210.00	29.5													
205.00	34.3													
200.00	39.1													
195.00														
190.00														
185.00														
180.00														
175.00														
170.00														
165.00														

TERMINATED BORING AT
 ELEV. 199.70 IN MOD. WEATH.
 MOD. HARD MUDSTONE

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

SHEET 30 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: C.L. SMITH
 BORING NO: B5-A BORING LOCATION (STA): 37+76.50 -L- OFFSET: 7.50' LT.
 COLLAR ELEV: 243.60' PERSONNEL: CORE SIZE: NXWL
 TOTAL DEPTH: 43.90' DRILL MACHINE: CME-550 DATE STARTED: 03/18/05
 TOTAL RUN: 21.20' DRILL EQUIP: DATE COMPLETED: 03/18/05

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
220.90	22.70		1	09	07		BRN., COM. WEATH., V. SOFT, SANDSTONE. FS = THIN
214.10	29.50		2	98	81	RS-16	BRN., COM. WEATH., V. SOFT, SANDSTONE TO 30.50'. THEN, RED/BRN., MOD. WEATH., MOD. HARD, MUDSTONE. FS = THIN
209.30	34.30		3	98	60		RED/BRN., MOD. WEATH., MOD. HARD, MUD- STONE. FS = THIN
204.50	39.10		4	100	71		RED/BRN., MOD. WEATH., MOD. HARD, MUD- STONE. FS = THIN
199.70	43.90						FS = THIN

NOTES