

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO 33413.1.1		ID B-4047		COUNTY BURKE		GEOLOGIST T B DANIEL								
SITE DESCRIPTION BRIDGE NO.94 ON SR-1972 OVER EAST PRONG HUNTING CREEK						GND WATER								
BORING NO B1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT -L-		STATION 15+33.000		OFFSET 17.00ft LT		24 HR 5.90ft								
COLLAR ELEV 1067.90ft		TOTAL DEPTH 33.30ft		START DATE 12/13/04		COMPLETION DATE 01/07/05								
DRILL MACHINE CME-45			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
1067.90														Ground Surface
1060.00	6.20	ND	ND	1	1.0	1						SS-2	SAT	ALLUVIUM: BROWN SILTY SAND □WITH MICA
	11.20	4	4	3	1.0	7						SS-2	SAT	ALLUVIUM: BROWN SANDY SILT □WITH MICA
	16.20	15	9	19	1.0	28						SS-3	SAT	ALLUVIUM: BROWN SILTY SAND □WITH MICA
1050.00												RS-3		SAPROLITE: BROWN SILTY SAND WEATHERED ROCK
														CORE 1: 18.8'- 20.8' REC=100% □RQD=100%
														CORE 2: 20.8'- 23.3' REC=100% □RQD=100%
														CORE 3: 23.3'- 28.3' REC=100% □RQD=100%
														CORE 4: 28.3'- 33.3' REC=100% □RQD=100%
1034.60														BORING TERMINATED AT ELEV 1034.6 IN ROCK.

SHEET 1 OF 1

DATE 1/10/2005

CORE BORING REPORT

PROJECT: 33413.1.1 I. D. NO: B-4047 BORING NO: B1-A GEOLOGIST: C A Dunnagan

DESCRIPTION: Bridge No. 94 on SR-1972 over East Prong Hunting Creek

COUNTY: Burke COLLAR ELEVATION: 1067.9 FT. TOTAL DEPTH: 33.3 FT.

ELEV. (FEET)	DEPTH (FEET)	DRILL RATE MIN./FT.	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
1049.1	18.8		2.0	2.0	2.0	RS-3	Gray amphibolite gniess grading to granite gneiss. Moderately foliated. Very hard and fresh with epidote and trace of garnets.
1047.1	20.8			100	100		
1047.1	20.8		2.5	2.5			
				100	100		
1044.6	23.3			5.0	5.0		
1044.6	23.3		5.0	100	100		
1039.6	28.3			5.0	5.0		
1039.6	28.3		5.0	100	100		
1034.6	33.3						

CORING TERMINATED AT ELEVATION 1034.6 FT.

DRILLER: J T Williams CORE SIZE: NXWL EQUIPMENT: CME-550