

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG**

12 of 19

SHEET 1 OF 1

PROJECT NO 33413.1.1		ID B-4047		COUNTY BURKE		GEOLOGIST T B DANIEL						
SITE DESCRIPTION BRIDGE NO.94 OVER EAST PRONG HUNTING CREEK						GND WATER						
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR 8.40ft						
ALIGNMENT -L-		STATION 15+96.000		OFFSET 18.00ft RT		24 HR 8.80ft						
COLLAR ELEV 1072.75ft		TOTAL DEPTH 29.80ft		START DATE 1/03/05		COMPLETION DATE 01/03/05						
DRILL MACHINE CME-45 SKID			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-B, 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			
1072.75												Ground Surface
1070.00	4.70	ND	1	2	1.0	3				SS-4	W	EMBANKMENT: BROWN SANDY □ SILT WITH GRAVEL
1060.00	9.70	2	2	1	1.0	3				SS-5	SAT	ALLUVIUM: GRAY SANDY SILT □ WITH MICA
	14.70	4	14	10	1.0					SS-6	SAT	ALLUVIAL GRAVEL
	19.70	60	ND	ND	0.1				60	SS-7	SAT	WEATHERED ROCK
1050.00												CORE 1: 19.9'- 25.3' REC=87% □ RQD=87%
1042.95												CORE 2: 25.3'- 29.8' REC=62% □ RQD=62%
												BORING TERMINATED AT ELEV 1042.55 IN ROCK

CORE BORING REPORT							DATE 8/25/1997
PROJECT:	33413.1.1	I. D. NO:	B-4047	BORING NO:	EB2-B	GEOLOGIST:	C A Dunnagan
DESCRIPTION:	Bridge No. 94 on SR-1972 over East Prong Hunting Creek						
COUNTY:	Burke	COLLAR ELEVATION:	1072.8 FT.	TOTAL DEPTH:	29.8	FT.	
ELEV. (FEET)	DEPTH (FEET)	DRILL RATE MIN./FT.	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
1052.9	19.9		5.4	4.7 87	4.7 87		Fresh, very hard biotite granite gneiss. Weakly to moderately foliated.
1047.5	25.3			2.8 62	2.8 62		
1047.5	25.3		4.5				
1043.0	29.8						
CORING TERMINATED AT ELEVATION 1043.0 FT.							
DRILLER:	J T Williams	CORE SIZE:	NXWL	EQUIPMENT:	CME-550		