

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

10 of 19

SHEET 1 OF 1

DATE 1/11/2005

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-B	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT -L-	STATION 15+20.000	OFFSET 9.00ft RT	24 HR N/A
COLLAR ELEV 1073.00ft	TOTAL DEPTH 29.10ft	START DATE 1/12/05	COMPLETION DATE 01/12/05
DRILL MACHINE CM3 550	DRILL METHOD SPT CORE BORING	HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH		DEPTH TO ROCK N/A	

CORE BORING REPORT

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

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

COUNTY: Burke COLLAR ELEVATION: 1073.0 FT. TOTAL DEPTH: 29.1 FT.

ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
1073.00														Ground Surface
1070.00														EMBANKMENT: BROWN SANDY □SILT
8.50		1	1	1	1.0									ALLUVIUM: BROWN SANDY SILT □AND SILTY SAND WITH GRAVEL
1060.00	13.50	ND	1	1	1.0									
18.50		20	22	28	1.0									
1050.00														WEATHERED ROCK
1043.90														CORE 1: 23.5'- 24.1' REC=100% □RQD=100%
														CORE 2: 24.1'- 29.1' REC=100% □RQD=100%
														BORING TERMINATED AT ELEV 1043.9 IN ROCK

ELEV. (FEET)	DEPTH (FEET)	DRILL RATE MIN./FT.	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
1073.0	23.5			0.6	0.6		Gray granite gneiss. Fresh, very hard.
			0.6	100	100		
1072.4	24.1			5.0	5.0		
1072.4	24.1		5.0	100	100		
1067.4	29.1						

CORING TERMINATED AT
ELEVATION 1043.9 FT.

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