

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33211.1.1		ID B-3666		COUNTY HENDERSON		GEOLOGIST T.B. DANIEL								
SITE DESCRIPTION BRIDGE NO. 53 ON SR-1799 OVER N. BRANCH HUNGRY RIVER						GND WATER								
BORING NO EB2-C		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT -L-		BORING LOCATION 16+71.000		OFFSET 0.00ft		24 HR N/A								
COLLAR ELEV 1901.00ft		TOTAL DEPTH 23.80ft		START DATE 3/17/04		COMPLETION DATE 03/17/04								
DRILL MACHINE CME-550			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 12.10ft			Log EB2-C, 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				
1901.00														
	4.60	5	5	13	1.0	18								ARTIFICIAL FILL: SLT. MICACEOUS SILTY SAND & GRAVEL
	9.60	20	25	14	1.0	39								ALLUVIUM: FINE TO COARSE SAND & GRAVEL
	14.60	60			0.1	60								ALLUVIAL SAND, GRAVEL, & BOULDERS
														HARD ROCK
														GRANITIC GNEISS REC=91% RQD=91%
														GRANITIC GNEISS REC=83% RQD=70%
														BORING TERMINATED AT APPROXIMATE ELEV. 1877.2 IN HARD ROCK

SHEET 1 OF 1

DATE 4/19/2004

CORE BORING REPORT

PROJECT: 33211.1.1 I. D. NO: B-3666 BORING NO: EB2-C GEOLOGIST: J.W. MANN

DESCRIPTION: BRIDGE NO. 53 ON SR-1799 OVER NORTH BRANCH HUNGRY RIVER

COUNTY: HENDERSON COLLAR ELEVATION: 1901.0 FT. TOTAL DEPTH: 23.8 FT.

ELEV. (FEET)	DEPTH (FEET)	DRILL RATE (MIN./FT.)	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
1886.4	14.6		4.6	4.2	4.2		WHITE-GRAY, FRESH, HARD, SLIGHTLY FOLIATED BIOTITE GRANITIC GNEISS. FRACTURE SPACING CLOSE TO MODERATELY CLOSE. JOINTS AVERAGE 30° ALONG FOLIATION. SREC=87% SRQD=80%
				91	91		
1881.8	19.2			3.8	3.2		
1881.8	19.2		4.6	83	70		
1877.2	23.8						

CORING TERMINATED AT ELEVATION 1877.2 FT.

DRILLER: J.T. WILLIAMS CORE SIZE: NXWL EQUIPMENT: CME-550