

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2843601		ID B-3310		COUNTY BUNCOMBE		GEOLOGIST T B DANIEL						
SITE DESCRIPTION BRIDGE NO.145 ON SR-2173 OVER DILLINGHAM CREEK							GND WATER					
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT -L-		STATION 20+65.000		OFFSET 18.00ft LT		24 HR 4.20ft						
COLLAR ELEV 2267.32ft		TOTAL DEPTH 17.80ft		START DATE 8/25/03		COMPLETION DATE 08/25/03						
DRILL MACHINE CME 550			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-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			
2267.32												Ground Surface
	4.50	15	11	10	1.0							ALLUVIUM: DARK BROWN SILTY SAND WITH GRAVEL AND MICA.
2260.00												CORE 1: 9.1'- 13.1' REC=58% □RQD=58%
												CORE 2: 13.1'- 17.8' REC=98% □RQD=88%
2249.89										RS-2		BORING TERMINATED AT ELEV 2249.52 IN ROCK.

CORE BORING REPORT

PROJECT: 8.2843601 I. D. NO: B-3310 BORING NO: EB2-A GEOLOGIST: C. A. Dunnagan  
 DESCRIPTION: Bridge No.145 on SR-2173 over Dillingham Creek.  
 COUNTY: Buncombe COLLAR ELEVATION: 2267.3 FT. TOTAL DEPTH: 17.8 FT.

ELEV. (FEET)	DEPTH (FEET)	DRILL RATE MIN./FT.	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
2258.2	9.1		4.0	2.3	2.3		Lt gray to med gray biotite/muscovite gneiss with garnets. Predominately fine grained with occ coarse grained qtz-feldspar zones. a) Joint @ 50°.
2254.2	13.1			58	58		
2254.2	13.1		5.0	4.9	4.4		
2249.2	18.1			98	88		

CORING TERMINATED AT ELEVATION 2249.5 FT.

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