

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2970601		ID B-3485		COUNTY MACON		GEOLOGIST P. Q. LOCKAMY						
SITE DESCRIPTION BRIDGE NO.16 ON SR-1309 OVER CARTOOGECWAYE CREEK						GND WATER						
BORING NO EB1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT -L-		BORING LOCATION 14+75.000		OFFSET 10.30R RT		24 HR 13.00R						
COLLAR ELEV 2147.40R		TOTAL DEPTH 26.80R		START DATE 5/14/02		COMPLETION DATE 05/14/02						
DRILL MACHINE CME 550			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EBI-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			
2147.40												Ground Surface
	3.90	1	1	1	1.0	2						EMBANKMENT: RED SANDY CLAY
2140.00	8.90	2	1	3	1.0	4						ALLUVIUM: BROWN SILTY SAND WITH GRAVEL AND OCC COBBLES
	13.90	19	24	18	1.0	2						SAPROLITE: TAN SILTY SAND WITH ROCK FRAGS.
2130.00	18.90	14	10	12	1.0	22						CORE 1: 22.0'- 26.8' REC=90% RQD=21%
2120.60												BORING TERMINATED AT ELEV 2120.6 IN ROCK.

SHEET 1 OF 1

DATE 21 May '02

CORE BORING REPORT

PROJECT: 8.2970601 I. D. NO: B-3485 BORING NO: EB1-B GEOLOGIST: C. A. Dunnagan

DESCRIPTION: Bridge No.16 on SR-1309 over Cartoogechaye Creek

COUNTY: Macon COLLAR ELEVATION: 2147.4 FT. TOTAL DEPTH: 26.8 FT.

ELEV. (FEET)	DEPTH (FEET)	DRILL RATE MIN./FT.	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
2125.4	22.0		4.8	4.3	1.0		Hard, moderately weathered quartz-biotite gneiss with abundant garnets. Predominately massive with well foliated zones. a) 2 joints @ 60°. b) Abun parts along fol @ 65°. c) 3 joints @ 20°.
2120.6	26.8			90	21		
0.0	0.0						

CORING TERMINATED AT ELEVATION 2120.6 FT.

DRILLER: E. A. Smith CORE SIZE: NXWL EQUIPMENT: CME-550