

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34517.1.1		ID R-2911D		COUNTY ROWAN		GEOLOGIST J.K. STICKNEY							
SITE DESCRIPTION BRIDGE ON US 70 OVER SECOND CREEK BETWEEN SR 1951 & SR 1728							GND WATER						
BORING NO EB2-A LT LN		NORTHING 0.00		EASTING 0.00		0 HR 9.00ft							
ALIGNMENT L		BORING LOCATION 305+42.000		OFFSET 43.00ft LT		24 HR N/A N.M.							
COLLAR ELEV 669.19ft		TOTAL DEPTH 25.00ft		START DATE 4/28/04		COMPLETION DATE 04/28/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 25.00ft			Log EB2-A LT LN, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
669.19													Ground Surface
	5.30	0	0	1	1.0	1				SS-17A	MOIST		ROADWAY FILL - VERY SOFT RED-BROWN-GRAY SANDY CLAY
660.00	10.30	0	1	1	1.0	2				"	"		
	15.30	0	0	0	1.0	0				SS-18A	M/W		ALLUVIUM - VERY SOFT GRAY SILTY SANDY CLAY
650.00	20.30	2	2	2	1.0	4				SS-19A	"		VERY LOOSE TO LOOSE GRAY SAND
644.19													WEATHERED ROCK
BORING REFUSAL ACHIEVED AT ELEVATION 644.19 FEET ON HARD ROCK													

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SITE DESCRIPTION BRIDGE ON US 70 OVER SECOND CREEK BETWEEN SR 1951 & SR 1728							GND WATER						
BORING NO EB2-B LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A N.M.							
ALIGNMENT L		BORING LOCATION 305+42.000		OFFSET 21.10ft LT		24 HR N/A N.M.							
COLLAR ELEV 668.71ft		TOTAL DEPTH 40.50ft		START DATE 4/30/04		COMPLETION DATE 04/30/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 40.50ft			Log EB2-B LT LN, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
668.71													Ground Surface
	5.40	0	0	1	1.0	1					MOIST		ROADWAY FILL - VERY SOFT RED-ORANGE SANDY CLAY
660.00	10.40	0	0	0	1.0	0				"	"		
	15.40	1	0	1	1.0	1							ALLUVIUM - VERY SOFT GRAY SILTY SANDY CLAY
650.00	20.40	0	0	1	1.0	1					M/W		VERY LOOSE TO LOOSE GRAY SAND
	25.40	3	3	3	1.0	6				"	"		
640.00	30.40	1	0	1	1.0	1							
	35.40	22	19	12	1.0	31							RESIDUAL - DENSE TAN-BROWN SAND
630.00	40.40	100			0.1								WEATHERED ROCK
628.21													
BORING REFUSAL ACHIEVED AT ELEVATION 628.21 FEET ON HARD ROCK													