

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 EB1-A RT LN		NORTHING 0.00		EASTING 0.00		0 HR 5.90ft						
ALIGNMENT L		BORING LOCATION 302+78.000		OFFSET 25.20ft RT		24 HR 6.00ft						
COLLAR ELEV 657.70ft		TOTAL DEPTH 41.30ft		START DATE 4/14/04		COMPLETION DATE 04/14/04						
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A RT LN, 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			
657.70												Ground Surface
	5.70	0	0	1	1.0							ALLUVIUM - VERY SOFT TAN-BROWN SILTY SANDY CLAY
650.00	10.70	0	0	1	1.0							VERY LOOSE GRAY CLAYEY SAND
	15.70	4	11	12	1.0				23			RESIDUAL - MEDIUM DENSE BROWN-WHITE SILTY SAND
640.00	20.70	3	5	6	1.0				11			
	25.70	3	7	9	1.0				16			
630.00	30.70	100			0.4							WEATHERED ROCK
	35.70	100			0.5							
620.00	40.70	68	32		0.6							
616.40												BORING TERMINATED AT ELEVATION 616.4 FEET IN WEATHERED ROCK

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 EB1-B RT LN		NORTHING 0.00		EASTING 0.00		0 HR 5.40ft						
ALIGNMENT L		BORING LOCATION 302+78.000		OFFSET 53.50ft RT		24 HR 5.90ft						
COLLAR ELEV 656.38ft		TOTAL DEPTH 38.30ft		START DATE 4/14/04		COMPLETION DATE 04/14/04						
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK 38.30ft			Log EB1-B RT LN, 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			
656.38												Ground Surface
	6.30	0	1	1	1.0				2			ALLUVIUM - VERY SOFT TAN-BROWN SILTY SANDY CLAY
650.00	11.30	0	0	0	1.0				0			VERY LOOSE GRAY CLAYEY SAND
	16.30	5	9	15	1.0				24			RESIDUAL - MEDIUM DENSE GRAY-WHITE SILTY SAND
640.00	21.30	6	10	15	1.0				25			
	26.30	3	7	7	1.0				14			
630.00	31.30	31	69		0.7							WEATHERED ROCK
	36.30	75	25		0.6							
620.00												
618.08												BORING REFUSAL ACHIEVED AT ELEVATION 618.08 FEET ON HARD ROCK