

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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 RT LN		NORTHING 0.00		EASTING 0.00		0 HR 4.60ft							
ALIGNMENT L		BORING LOCATION 305+42.000		OFFSET 34.00ft RT		24 HR 4.80ft							
COLLAR ELEV 654.91ft		TOTAL DEPTH 23.80ft		START DATE 4/05/04		COMPLETION DATE 04/05/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 23.80ft			Log EB2-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				100
654.91												Ground Surface	
650.00	6.30	0	0	0	1.0	0						M/W	ALLUVIUM - VERY SOFT TAN-BROWN-GRAY SILTY SANDY CLAY
640.00	11.30	0	0	1	1.0	1						SAT	VERY LOOSE GRAY-WHITE CLAYEY SAND
	16.30	3	10	14	1.0	24						DRY	RESIDUAL - MEDIUM DENSE TO VERY DENSE SAND
	21.30	45	55		0.7				100				WEATHERED ROCK
631.11						BORING REFUSAL ACHIEVED AT ELEVATION 631.11 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 RT LN		NORTHING 0.00		EASTING 0.00		0 HR 4.70ft							
ALIGNMENT L		BORING LOCATION 305+42.000		OFFSET 52.00ft RT		24 HR 4.20ft							
COLLAR ELEV 654.22ft		TOTAL DEPTH 31.25ft		START DATE 4/05/04		COMPLETION DATE 04/05/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-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				100
654.22												Ground Surface	
650.00	5.90	0	1	1	1.0	2						M/W	ALLUVIUM - VERY SOFT TAN-BROWN-GRAY SILTY SANDY CLAY
640.00	10.90	0	1	1	1.0	2						SAT	VERY LOOSE GRAY CLAYEY SAND
	15.90	5	28	68	1.0				96			MOIST	RESIDUAL - VERY DENSE GRAY-WHITE SAND
	20.90	12	22	44	1.0				26				WEATHERED ROCK
630.00	25.90	100			0.3				100				WEATHERED ROCK
622.97	30.90	100			0.3				100				WEATHERED ROCK
						BORING TERMINATED AT ELEVATION 622.97 FEET IN WEATHERED ROCK							