

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 EB1-A LT LN		NORTHING 0.00		EASTING 0.00		0 HR 16.40ft								
ALIGNMENT L		BORING LOCATION 303+02.000		OFFSET 42.00ft LT		24 HR <del>N.A.</del> N.M.								
COLLAR ELEV 669.11ft		TOTAL DEPTH 50.75ft		START DATE 4/28/04		COMPLETION DATE 04/28/04								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A LT 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				
669.11														Ground Surface
	5.40	1	2	1	1.0	3						SS-20	MOIST	ROADWAY FILL - SOFT TO MEDIUM STIFF GRAY-WHITE SILTY SANDY CLAY
	10.40	1	2	2	1.0	4							MOIST	
	15.40	2	2	3	1.0	5							M/W	ALLUVIUM - SOFT TO MEDIUM STIFF GRAY SILTY SANDY CLAY WITH WOOD DEBRIS
	20.40	1	1	1	1.0	2							"	VERY LOOSE GRAY SAND
	25.40	0	0	1	1.0	1							"	
	30.40	9	12	16	1.0	28						SS-21	DRY	RESIDUAL - MEDIUM DENSE BROWN-WHITE SILTY SAND
	35.40	100			0.4									WEATHERED ROCK
	40.40	100			0.4									
	45.40	100			0.3									
	50.40	100			0.3									
BORING TERMINATED AT ELEVATION 618.36 FEET IN WEATHERED ROCK														

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SITE DESCRIPTION BRIDGE ON US 70 OVER SECOND CREEK BETWEEN SR 1951 & SR 1728						GND WATER								
BORING NO EB1-B LT LN		NORTHING 0.00		EASTING 0.00		0 HR 18.20ft								
ALIGNMENT L		BORING LOCATION 303+02.000		OFFSET 26.20ft LT		24 HR <del>N.A.</del> N.M.								
COLLAR ELEV 669.11ft		TOTAL DEPTH 50.70ft		START DATE 4/28/04		COMPLETION DATE 04/28/04								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-B LT 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				
669.11														Ground Surface
	5.40	1	1	1	1.0	2							MOIST	ROADWAY FILL - VERY SOFT TO SOFT GRAY-GREEN-WHITE SILTY SANDY CLAY
	10.40	1	2	1	1.0	3								
	15.40	1	2	3	1.0	5							M/W	ALLUVIUM - SOFT TO MEDIUM STIFF GRAY SILTY SANDY CLAY
	20.40	1	1	1	1.0	2							"	VERY LOOSE TO LOOSE GRAY SAND
	25.40	1	1	2	1.0	3							"	
	30.40	7	11	12	1.0	23								RESIDUAL - MEDIUM DENSE BROWN-WHITE SILTY SAND
	35.40	16	28	72	1.0									WEATHERED ROCK
	40.40	100			0.5									
	45.40	40	60		0.9									
	50.40	100			0.3									
BORING TERMINATED AT ELEVATION 618.41 FEET IN WEATHERED ROCK														