

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1631801		ID R-2911D		COUNTY ROWAN		GEOLOGIST J.K. STICKNEY								
SITE DESCRIPTION BRIDGE ON US 70 OVER NORFOLK SOUTHERN RAILROAD						GND WATER								
BORING NO EB2-A LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT L		BORING LOCATION 232+25.000		OFFSET 46.00ft LT		24 HR N/A								
COLLAR ELEV 762.24ft		TOTAL DEPTH 50.65ft		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 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					100
762.24														
														Ground Surface
760.00	5.20	2	3	3	1.0									ROADWAY FILL - MEDIUM STIFF TAN-GRAY SILTY SANDY CLAY
	10.20	2	3	4	1.0									MEDIUM STIFF GRAY SILTY SANDY CLAY
	15.20	2	2	2	1.0									
	20.20	4	6	7	1.0									RESIDUAL - STIFF TO HARD TAN-WHITE-GRAY SILTY SANDY CLAY
	25.20	4	5	6	1.0									
	30.20	5	5	7	1.0									
	35.20	9	12	23	1.0									
	40.20	21	31	51	1.0									VERY DENSE GRAY-WHITE SILTY SAND
	45.20	43	53	47	0.7									WEATHERED ROCK
711.59	50.20	100			0.5									
<p style="text-align: center;"><del>Continued on the next page</del></p> <p style="text-align: center;">Boring Terminated at Elevation 711.59' in Weathered Rock</p>														

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SITE DESCRIPTION BRIDGE ON US 70 OVER NORFOLK SOUTHERN RAILROAD						GND WATER								
BORING NO EB2-B LT LN		NORTHING 0.00		EASTING 0.00		0 HR 14.80ft								
ALIGNMENT L		BORING LOCATION 232+54.000		OFFSET 23.00ft LT		24 HR N/A								
COLLAR ELEV 761.74ft		TOTAL DEPTH 40.70ft		START DATE 4/27/04		COMPLETION DATE 04/27/04								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-B 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					100
761.74														
														Ground Surface
760.00	5.20	3	3	6	1.0									ROADWAY FILL - STIFF TAN-GRAY SILTY SANDY CLAY
	10.20	3	3	4	1.0									
	15.20	1	2	3	1.0									MEDIUM STIFF GRAY SILTY SANDY CLAY, HIGH PI
	20.20	4	8	9	1.0									RESIDUAL - VERY STIFF TAN-WHITE-GRAY SILTY SANDY CLAY
	25.20	6	6	11	1.0									
	30.20	13	24	44	1.0									
	35.20	57	43		0.8									
	40.20	100			0.4									VERY DENSE TAN-GRAY-WHITE SILTY SAND
721.04	40.20	100			0.4									WEATHERED ROCK
<p style="text-align: center;">BORING TERMINATED AT ELEVATION 721.04 FEET IN WEATHERED ROCK</p>														