

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

Sheet 16

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 RT LN		NORTHING 0.00		EASTING 0.00		0 HR 13.30ft							
ALIGNMENT L		BORING LOCATION 233+38.000		OFFSET 28.30ft RT		24 HR 15.50ft							
COLLAR ELEV 748.16ft		TOTAL DEPTH 27.00ft		START DATE 4/22/04		COMPLETION DATE 04/22/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A RT 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				
748.16													Ground Surface
	5.90	4	7	8	1.0					15	SS-13	MOIST	RESIDUAL - STIFF TAN-GRAY SILTY SANDY CLAY
	10.90	9	20	44	1.0					64	SS-14	MOIST	VERY DENSE TAN-WHITE SILTY SAND
	15.90	29	35	65	0.8					100			WEATHERED ROCK
	20.90	15	25	53	1.0					78		MOIST	VERY DENSE GRAY-WHITE SILTY SAND
	25.90	27	63	37	0.6					100			WEATHERED ROCK
721.16													BORING TERMINATED AT ELEVATION 721.16 FEET IN WEATHERED ROCK

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-B RT LN		NORTHING 0.00		EASTING 0.00		0 HR 14.30ft							
ALIGNMENT L		BORING LOCATION 233+66.000		OFFSET 46.00ft RT		24 HR 15.00ft							
COLLAR ELEV 747.17ft		TOTAL DEPTH 40.90ft		START DATE 4/22/04		COMPLETION DATE 04/22/04							
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	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75				
747.17													Ground Surface
	5.60	3	6	9	1.0					15		MOIST	RESIDUAL - STIFF TO VERY STIFF TAN-GRAY SILTY SANDY CLAY
	10.60	7	9	13	1.0					22			
	15.60	9	11	16	1.0					27		MOIST	MEDIUM DENSE TAN-GRAY SILTY SAND
	20.60	12	12	12	1.0					24			
	25.60	37	15	15	1.0					30			
	30.60	41	44	50	1.0					94		MOIST	
	35.60	100			0.3					100			WEATHERED ROCK
	40.60	100			0.3					100			
706.27													BORING TERMINATED AT ELEVATION 706.27 FEET IN WEATHERED ROCK