

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

Sheet 14

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 B1-A RT LN		NORTHING 0.00		EASTING 0.00		0 HR 10.80ft							
ALIGNMENT L		BORING LOCATION 230+59.000		OFFSET 26.30ft RT		24 HR 18.30ft							
COLLAR ELEV 753.19ft		TOTAL DEPTH 37.70ft		START DATE 4/20/04		COMPLETION DATE 04/20/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH							DEPTH TO ROCK N/A						
Log B1-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				
753.19													Ground Surface
750.00	5.60	3	3	5	1.0	8				SS-1	MOIST		RESIDUAL - MEDIUM STIFF TAN-BROWN SILTY SANDY CLAY
740.00	10.60	6	11	14	1.0	25				SS-2	MOIST		MEDIUM DENSE TO VERY DENSE BROWN-GRAY-WHITE SILTY SAND
	15.60	14	20	29	1.0	49							
	20.60	18	18	33	1.0	51							
730.00	25.60	45	55		0.9						DRY		WEATHERED ROCK
	30.60	51	49		0.7								
	35.60	28	65	35	0.7								
715.49													BORING TERMINATED AT ELEVATION 715.49 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 B1-B RT LN		NORTHING 0.00		EASTING 0.00		0 HR 11.40ft							
ALIGNMENT L		BORING LOCATION 230+89.000		OFFSET 46.00ft RT		24 HR 18.10ft							
COLLAR ELEV 753.02ft		TOTAL DEPTH 36.40ft		START DATE 4/20/04		COMPLETION DATE 04/20/04							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH							DEPTH TO ROCK N/A						
Log B1-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				
753.02													Ground Surface
750.00	5.20	2	4	5	1.0	9					MOIST		RESIDUAL - STIFF TAN-BROWN SILTY SANDY CLAY
740.00	10.20	7	6	7	1.0	13							
	15.20	4	16	31	1.0	47							DENSE TO VERY DENSE BROWN-GRAY-WHITE SILTY SAND
	20.20	37	30	41	1.0	71							
730.00	25.20	10	20	26	1.0	46					MOIST		
	30.20	15	21	32	1.0	53				SS-3	DRY		
	35.20	83	17		0.5								WEATHERED ROCK
716.62													BORING TERMINATED AT ELEVATION 716.62 FEET IN WEATHERED ROCK