

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 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 LT LN		NORTHING 0.00		EASTING 0.00		0 HR 6.30ft	24 HR 18.00ft									
ALIGNMENT L		BORING LOCATION 229+54.000		OFFSET 52.00ft LT												
COLLAR ELEV 753.99ft		TOTAL DEPTH 40.85ft		START DATE 4/30/04		COMPLETION DATE 04/30/04										
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC										
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-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						
753.99																Ground Surface
750.00	5.50	2	2	3	1.0	5										RESIDUAL - MEDIUM STIFF TAN-GRAY-WHITE SILTY SANDY CLAY
740.00	10.50	2	2	3	1.0	5										MEDIUM STIFF TO STIFF TAN-BROWN MICACEOUS CLAYEY SANDY SILT
730.00	15.50	3	4	8	1.0	12										MEDIUM DENSE TO VERY DENSE TAN-GRAY-WHITE SILTY SAND
	20.50	5	8	11	1.0	19										
	25.50	12	20	38	1.0					58						
	30.50	36	43	57	1.0					100						
	35.50	88	12		0.6					100						
713.14	40.50	100			0.3					100						
BORING TERMINATED AT ELEVATION 713.14 FEET IN WEATHERED ROCK																

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SITE DESCRIPTION BRIDGE ON US 70 OVER NORFOLK SOUTHERN RAILROAD							GND WATER									
BORING NO B1-B LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR 18.00ft									
ALIGNMENT L		BORING LOCATION 229+96.000		OFFSET 15.00ft LT												
COLLAR ELEV 753.73ft		TOTAL DEPTH 41.00ft		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 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						
753.73																Ground Surface
750.00	5.60	1	3	3	1.0	6										RESIDUAL - MEDIUM STIFF TAN MICACEOUS SILTY SANDY CLAY
740.00	10.60	1	3	4	1.0	7										MEDIUM STIFF TO STIFF TAN-ORANGE-BLACK MICACEOUS SANDY SILT
	15.60	3	6	9	1.0	15										
	20.60	15	19	21	1.0					40						
730.00	25.60	16	20	21	1.0					41						MEDIUM DENSE TO DENSE TAN-BLACK-WHITE SILTY SAND
	30.60	5	6	9	1.0					15						
	35.60	35	65		0.8					100						
712.73	40.60	100			0.4					100						
BORING TERMINATED AT ELEVATION 712.73 FEET IN WEATHERED ROCK																