

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

12/17

PROJECT NO 33608.1.1		ID B-4266		COUNTY RUTHERFORD		GEOLOGIST RWT								
SITE DESCRIPTION BRIDGE 110 ON SR 1991 OVER HILL'S CREEK							GND WATER							
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT L		BORING LOCATION 13+82.000		OFFSET 11.40ft LT		24 HR 13.00ft								
COLLAR ELEV 764.80ft		TOTAL DEPTH 24.60ft		START DATE 1/10/05		COMPLETION DATE 01/10/05								
DRILL MACHINE CME 550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 24.60ft			Log EB2-A, 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
764.80														Ground Surface
760.00	5.80	2	1	1	1.0								SS-8	M (ROADWAY FILL) RED/BRN. SOFT MOIST SANDY CLAY
	10.80	1	1	1	1.0								SS-9	SAT (ALLUVIUM) BRN/GRAY SOFT WET TO SAT. SANDY SILT.
750.00	15.80	1	1	1	1.0								SS-10	W (ALLUVIUM) BRN. SOFT WET SANDY SILT.
	20.80	7	7	7	1.0								SS-11	W (RESIDUAL) TAN/GRAY MED. DENSE WET SILTY SAND
740.20														WEATHERED ROCK
BORING TERMINATED AT ELEV. 740.20' ON HARD CRYSTALLINE ROCK.														

PROJECT NO 33608.1.1		ID B-4266		COUNTY RUTHERFORD		GEOLOGIST RWT								
SITE DESCRIPTION BRIDGE 110 ON SR 1991 OVER HILL'S CREEK							GND WATER							
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT L		BORING LOCATION 13+76.000		OFFSET 9.00ft RT		24 HR 13.00ft								
COLLAR ELEV 764.70ft		TOTAL DEPTH 23.90ft		START DATE 1/10/05		COMPLETION DATE 01/10/05								
DRILL MACHINE CME 550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 23.90ft			Log EB2-B, 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
764.70														Ground Surface
760.00	5.70	1	1	1	1.0									(ROADWAY FILL) RED/BRN. SOFT MOIST SANDY CLAY
	10.70	1	0	1	1.0									(ALLUVIUM) BRN. SOFT WET SANDY SILT
750.00	15.70	1	3	2	1.0									GRAY&WHITE LOOSE SAT. SILTY SAND
	20.70	7	27	73	0.6									WEATHERED ROCK
740.80														WEATHERED ROCK
BORING TERMINATED AT ELEV. 740.80' ON HARD CRYSTALLINE ROCK.														