

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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GEOTECHNICAL UNIT BORING LOG

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 EB1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A									
ALIGNMENT L		BORING LOCATION 12+83.000		OFFSET 15.00ft LT		24 HR 5.00ft									
COLLAR ELEV 757.80ft		TOTAL DEPTH 21.50ft		START DATE 1/07/05		COMPLETION DATE 01/07/05									
DRILL MACHINE CME 550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH			DEPTH TO ROCK 21.50ft			Log EB1-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					
757.80															Ground Surface
	5.90	3	4	14	1.0										(ALLUVIAL) GRAY MED. DENSE MOIST TO WET SAND & GRAVEL
750.00	10.90	6	8	6	1.0										(RESIDUAL) BRN/WHITE MED. DENSE SAT. SILTY SAND
	15.90	5	4	7	1.0										
740.00	20.90	50			0.0										WEATHERED ROCK
736.30	BORING TERMINATED AT ELEV. 736.30' 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 EB1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A									
ALIGNMENT L		BORING LOCATION 12+77.000		OFFSET 10.70ft RT		24 HR 11.00ft									
COLLAR ELEV 763.30ft		TOTAL DEPTH 37.40ft		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 N/A			DEPTH TO ROCK 37.40ft			Log EB1-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					
763.30															Ground Surface
	5.70	1	1	1	1.0										(ROADWAY FILL) RED/BRN. SOFT MOIST SANDY CLAY
760.00	10.70	8	9	10	1.0										(ALLUVIUM) GRAY MED. DENSE MOIST SILTY SAND
	15.70	2	2	3	1.0										(RESIDUAL) BRN/WHITE V. LOOSE TO MED. DENSE MOIST TO SAT. V. MIC. SILTY SAND
750.00	20.70	1	2	10	1.0										
	25.70	1	2	2	1.0										
740.00	30.70	1	2	1	1.0										
	35.70	5	5	18	1.0										
725.90	BORING TERMINATED AT ELEV. 725.90' ON HARD CRYSTALLINE ROCK.														