

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33322.1.1		ID. B-3879		COUNTY NASH		GEOLOGIST L.T. DEL GRECO							
SITE DESCRIPTION BRIDGE NO. 73 ON -L- (SR 1603) OVER STONEY CREEK							GROUND WATER						
BORING NO. B3-A		BORING LOCATION 23+06		OFFSET 9' LT		ALIGNMENT -L-							
COLLAR ELEVATION 109.7'		NORTHING 816618		EASTING 2325022		0 HR. N/A							
TOTAL DEPTH 31.6'		DRILL MACHINE CME-750		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC							
START DATE 5/10/04		COMPLETION DATE 5/10/04		SURFACE WATER DEPTH 0.6'		DEPTH TO ROCK N/A							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75				100
109.7	0.0	WOH	WOH	2	1.0							W	ALLUVIAL, BROWN AND GRAY, SANDY SILT
105.0	5.1	WOH	1	2	1.0							W	GRAY, SAND
100.0	10.1	14	28	24	1.0							M	RESIDUAL, ORANGE AND GREEN, SILTY CSE. SAND
95.0	15.1	5	6	10	1.0							M	RESIDUAL, ORANGE AND GREEN, SILTY CSE. SAND
90.0	20.1	71	29		0.7					100+			WEATHERED ROCK (GRANITE)
85.0	25.1	49	51		0.8					100+			WEATHERED ROCK (GRANITE)
80.0	30.1	6	11	15	1.0							W	RESIDUAL, ORANGE, GREEN, AND WHITE, SAPROLITIC, SILTY CLAY
BORING TERMINATED AT ELEVATION 78.1 FEET IN SILTY CLAY													

PROJECT NO. 33322.1.1		ID. B-3879		COUNTY NASH		GEOLOGIST L.T. DEL GRECO							
SITE DESCRIPTION BRIDGE NO. 73 ON -L- (SR 1603) OVER STONEY CREEK							GROUND WATER						
BORING NO. B3-B		BORING LOCATION 23+11		OFFSET 9' RT		ALIGNMENT -L-							
COLLAR ELEVATION 110.1'		NORTHING 816623		EASTING 2325039		0 HR. N/A							
TOTAL DEPTH 57.0'		DRILL MACHINE CME-750		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC							
START DATE 5/6/04		COMPLETION DATE 5/6/04		SURFACE WATER DEPTH 1.1'		DEPTH TO ROCK N/A							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75				100
110.1	0.0	WOH	1	0	1.0							W	ALLUVIAL, BROWN AND GRAY, SANDY SILT
105.0	5.5	1	2	5	1.0							W	GRAY, CSE. SAND AND GRAVEL
100.0	10.5	5	2	2	1.0							W	GRAY, CSE. SAND AND GRAVEL
95.0	15.5	2	3	4	1.0							W	GRAY, CSE. SAND AND GRAVEL
90.0	20.5	3	4	7	1.0							M	RESIDUAL, BROWN, GREEN, AND WHITE, SILTY CLAY
85.0	25.5	5	6	9	1.0							M	RESIDUAL, BROWN, GREEN, AND WHITE, SILTY CLAY
80.0	30.5	4	7	11	1.0							M	RESIDUAL, BROWN, GREEN, AND WHITE, SILTY CLAY
75.0	35.5	5	8	12	1.0							M	RESIDUAL, BROWN, GREEN, AND WHITE, SILTY CLAY
70.0	40.5	14	15	23	1.0							M	RESIDUAL, BROWN, GREEN, AND WHITE, SILTY CLAY
65.0	45.5	8	10	13	1.0							M	RESIDUAL, BROWN, GREEN, AND WHITE, SILTY CLAY
60.0	50.5	23	46	54	0.8					100+		M	WEATHERED ROCK (GRANITE)
55.0	55.5	33	30	17	1.0							M	RESIDUAL, GREEN, BROWN AND WHITE, SILTY CLAY
BORING TERMINATED AT ELEVATION 53.1 FEET IN SILTY CLAY													