

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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SHEET 11 OF 18

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. BI-A		BORING LOCATION 22+11		OFFSET 9' LT		ALIGNMENT -L-								
COLLAR ELEVATION 106.1'		NORTHING 816524		EASTING 2325032		0 HR. N/A								
TOTAL DEPTH 39.7'		DRILL MACHINE CME-750		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC								
START DATE 5/10/04		COMPLETION DATE 5/10/04		SURFACE WATER DEPTH 3.4'		DEPTH TO ROCK 39.6'								
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				
106.1	0.0	1	3	5	1.0								W	ALLUVIAL, GRAY, CSE. SAND AND GRAVEL
105.0	6.5	2	3	4	1.0								W	BLUE-GREEN, SANDY CLAY
95.0	11.5	4	4	6	1.0								M	RESIDUAL, GREEN, WHITE AND BROWN, SAPROLITIC, SILTY CLAY
90.0	16.5	9	12	18	1.0								M	
85.0	21.5	14	14	17	1.0								M	
80.0	26.5	10	14	15	1.0								M	
75.0	31.5	6	10	10	1.0								M	
70.0	36.5	7	9	11	1.0								M	
	39.6	60			0.1									CRYSTALLINE ROCK (GRANITE)
														SPT REFUSAL AT ELEVATION 66.4 FEET ON CRYSTALLINE ROCK (GRANITE)

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. BI-B		BORING LOCATION 22+15		OFFSET 9' RT		ALIGNMENT -L-								
COLLAR ELEVATION 106.4'		NORTHING 816530		EASTING 2325049		0 HR. N/A								
TOTAL DEPTH 33.3'		DRILL MACHINE CME-750		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC								
START DATE 5/7/04		COMPLETION DATE 5/7/04		SURFACE WATER DEPTH 4.3'		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				
106.4'	0.0	WOH	6	20	1.0								W	ALLUVIAL, GRAY, SANDY SILT
100.0	6.8	8	7	9	1.0								W	GRAY, CSE., SAND AND GRAVEL
95.0	11.8	17	10	18	1.0							SS-20	W	RESIDUAL, ORANGE AND BROWN, SANDY SILT
90.0	16.8	10	25	20	1.0								W	BROWN, CSE., SILTY SAND
85.0	21.8	14	14	17	1.0								W	BROWN, CSE., SILTY SAND
80.0	26.8	23	23	19	1.0								M	BROWN AND GREEN, SILTY CLAY
75.0	31.8	7	5	7	1.0								W	BROWN, CSE., SILTY SAND
														BORING TERMINATED AT ELEVATION 73.1 FEET IN SILTY SAND