

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. B2-A		BORING LOCATION 22+55		OFFSET 9' LT	ALIGNMENT -L-		0 HR. N/A										
COLLAR ELEVATION 105.5'		NORTHING 816568		EASTING 2325027			24 HR. N/A										
TOTAL DEPTH 37.4'		DRILL MACHINE CME-750		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC											
START DATE 5/11/04		COMPLETION DATE 5/11/04		SURFACE WATER DEPTH 6.9'		DEPTH TO ROCK N/A											
ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5'	0.5'	0.5'		0	25	50	75	100							
105.5																	
105.0	0.0	5	4	2	1.0									W	ALLUVIAL, GRAY, SAND		
100.0	5.9	5	6	6	1.0									W	GRAY, CSE., SAND		
95.0	10.9	11	17	15	1.0									M	RESIDUAL, ORANGE AND GRAY, SAPROLITIC, SANDY SILT, WITH LITTLE MICA		
90.0	15.9	7	8	10	1.0									M			
85.0	20.9	4	8	10	1.0									M			
80.0	25.9	100			0.4										WEATHERED ROCK (GRANITE)		
75.0	30.9	100			0.4										WEATHERED ROCK (GRANITE)		
70.0	35.9	7	11	25	1.0									M	RESIDUAL, ORANGE, WHITE AND GREEN, SAPROLITIC, SANDY SILT		
65.0						BORING TERMINATED AT ELEVATION 68.3 FEET IN SANDY SILT											

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. B2-B		BORING LOCATION 22+69		OFFSET 9' RT	ALIGNMENT -L-		0 HR. N/A										
COLLAR ELEVATION 105.9'		NORTHING 816584		EASTING 2325044			24 HR. N/A										
TOTAL DEPTH 37.6'		DRILL MACHINE CME-750		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC											
START DATE 5/7/04		COMPLETION DATE 5/7/04		SURFACE WATER DEPTH 4.4'		DEPTH TO ROCK N/A											
ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5'	0.5'	0.5'		0	25	50	75	100							
105.9																	
105.0	0.0	1	1	1	1.0									W	ALLUVIAL, TAN AND BROWN, SANDY SILT		
100.0	6.2	5	4	5	1.0									W			
95.0	11.2	9	7	9	1.0									W	SS-17		
90.0	16.2	19	34	22	1.0									W	SS-18		
85.0	21.2	11	9	9	1.0									W	RESIDUAL, PINK AND TAN, CSE., SAND		
80.0	26.2	10	10	20	1.0									W			
75.0	31.2	18	25	47	1.0									W	SS-19		
70.0	36.2	23	40	60	0.9										GRAY AND BROWN, SILTY SAND		
65.0						BORING TERMINATED AT ELEVATION 68.3 IN WEATHERED ROCK (GRANITE)											