

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 33322.I.I		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. EBI-A		BORING LOCATION 21+62		OFFSET 13' LT		ALIGNMENT -L-								
COLLAR ELEVATION 122.9'		NORTHING 816475		EASTING 2325033		0 HR. DRY								
TOTAL DEPTH 40.5'		DRILL MACHINE CME-750		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC								
START DATE 5/4/04		COMPLETION DATE 5/4/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
122.9														
120.0	4.0	3	1	1	1.0	X 2							M	ROADWAY EMBANKMENT, ORANGE-BROWN, SILTY CLAY
115.0	9.0	1	1	1	1.0	X 2							M	
110.0	14.0	3	5	4	1.0	X 9					SS-5	W	ALLUVIAL, BROWN, CSE., SAND	
105.0	19.0	1	1	1	1.0	X 2					SS-6	W	RESIDUAL, ORANGE-BROWN, SILTY CLAY	
100.0	24.0	3	3	5	1.0	X 8						W		
95.0	29.0	100			0.4				100+	X			W	WEATHERED ROCK (GRANITE)
90.0	34.0	4	4	7	1.0	X 11					SS-7	W	RESIDUAL, TAN TO BROWN, CLAYEY, SANDY SILT	
85.0	39.0	8	7	8	1.0	X 15					SS-8	W	TAN-BROWN, SILTY CLAY	
80.0						BORING TERMINATED AT ELEVATION 82.4 FEET IN SILTY CLAY								

PROJECT NO. 33322.I.I		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. EBI-C		BORING LOCATION 21+67		OFFSET 6' RT		ALIGNMENT -L-								
COLLAR ELEVATION 123.0'		NORTHING 816482		EASTING 2325052		0 HR. DRY								
TOTAL DEPTH 40.8'		DRILL MACHINE CME-750		DRILL METHOD C.F. AUGERS		HAMMER TYPE AUTOMATIC								
START DATE 5/10/04		COMPLETION DATE 5/10/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
123.0														
120.0													M	ROADWAY EMBANKMENT, RED-BROWN, SANDY CLAY
115.0													M	
110.0													M	ALLUVIAL, TAN, SILTY CLAY
105.0												S-23	W	RESIDUAL, TAN, CLAYEY CSE. SAND
100.0													W	
95.0														RESIDUAL, TAN, CLAYEY CSE. SAND
90.0														
85.0														WEATHERED ROCK (GRANITE)
80.0						BORING TERMINATED AT ELEVATION 82.2 FEET IN WEATHERED ROCK (GRANITE)								