

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

SHEET 14 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. EB2-A		BORING LOCATION 23+60		OFFSET 15' LT		ALIGNMENT -L-								
COLLAR ELEVATION 122.7'		NORTHING 816671		EASTING 2325010		0 HR. DRY								
TOTAL DEPTH 24.1'		DRILL MACHINE CME-750		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC								
START DATE 5/3/04		COMPLETION DATE 5/3/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 23.8'								
ELEV.	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				
122.7	0.0	1	1	2	1.0									
120.0	3.8	WOH	1	29	1.0									ROADWAY EMBANKMENT, ORANGE, PINK AND RED, SILTY CLAY
115.0	8.8	WOH	WOH	WOH	1.0									ROADWAY EMBANKMENT, RED-BROWN, SANDY CLAY
110.0	13.8	WOH	2	2	1.0									ALLUVIAL, BLUE-GRAY, SANDY CLAY
105.0	18.8	2	15	17	1.0									GRAY, CSE., SAND AND GRAVEL
100.0	23.8	60			0.1									RESIDUAL, RED-BROWN, SILTY CLAY
95.0														CRYSTALLINE ROCK (GRANITE)
90.0														
85.0														
80.0														
75.0														
70.0														
65.0														
60.0														
55.0														
50.0														
45.0														

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. EB2-C		BORING LOCATION 23+60		OFFSET 6' LT		ALIGNMENT -L-								
COLLAR ELEVATION 123.0'		NORTHING 816672		EASTING 2325019		0 HR. DRY								
TOTAL DEPTH 43.4'		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.	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				
123.0														
120.0														
115.0														ROADWAY EMBANKMENT, RED-BROWN, SANDY CLAY
110.0														ALLUVIAL, GRAY, SANDY CLAY
105.0														BROWN, CSE. SAND
100.0														RESIDUAL, BROWN, SANDY SILT
95.0														
90.0														
85.0														
80.0														
75.0														
70.0														
65.0														
60.0														
55.0														
50.0														
45.0														

BORING TERMINATED AT ELEVATION 79.6 FEET IN SANDY SILT

AUGER REFUSAL AT ELEVATION 98.6 FEET IN CRYSTALLINE ROCK