

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33131.1.1		ID. B-3522		COUNTY WAKE		GEOLOGIST E.C. CAMPBELL							
SITE DESCRIPTION BRIDGE NO. 215 ON -L- (SR 1007, POOLE RD.) OVER BUFFALO CREEK							GROUND WATER						
BORING NO. EBI-A		BORING LOCATION 25+58		OFFSET 10' LT		ALIGNMENT -L-							
COLLAR ELEVATION 264.7'		NORTHING 737821		EASTING 2182773		0 HR. DRY 24 HR. DRY							
TOTAL DEPTH 15.3'		DRILL MACHINE MOBILE B-57		DRILL METHOD H.S. AUGERS		HAMMER TYPE MANUAL							
START DATE 1/12/04		COMPLETION DATE 1/12/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 15.3'							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75				
260.0	3.4	1	2	2	1.0	X 4					SS-1	14%	ROADWAY EMBANKMENT, TAN, SANDY CLAY
255.0	8.4	4	3	3	1.0	X 6					M		ALLUVIAL, WHITE-BLACK AND LIGHT GRAY, COARSE SAND
250.0	13.4 15.2	5 60	7	8	1.0 0.1	X 15			60/0.1		SS-2	W	
AUGER REFUSAL AT ELEVATION 249.4 FEET ON CRYSTALLINE ROCK (GRANITE)													

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SITE DESCRIPTION BRIDGE NO. 215 ON -L- (SR 1007, POOLE RD.) OVER BUFFALO CREEK							GROUND WATER						
BORING NO. EBI-B		BORING LOCATION 25+58		OFFSET 20' RT		ALIGNMENT -L-							
COLLAR ELEVATION 266.3'		NORTHING 737791		EASTING 2182774		0 HR. DRY 24 HR. 10.5'							
TOTAL DEPTH 15.2'		DRILL MACHINE MOBILE B-57		DRILL METHOD H.S. AUGERS		HAMMER TYPE MANUAL							
START DATE 1/12/04		COMPLETION DATE 1/12/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 15.2'							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75				
265.0													
260.0	3.5	2	2	2	1.0	X 4						W	ROADWAY EMBANKMENT, TAN, SANDY CLAY
255.0	8.5	1	5	7	1.0	X 12					SS-3	W	ALLUVIAL, RED-BROWN, SILTY CLAY
250.0	13.5 15.1	2 60	4	4	1.0 0.1	X 8			60/0.1			W	LIGHT GRAY, COARSE SAND
AUGER REFUSAL AT ELEVATION 251.1 FEET ON CRYSTALLINE ROCK (GRANITE)													