

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 8.2495501		ID. B-3649		COUNTY GUILFORD		GEOLOGIST N.T. ROBERSON			
SITE DESCRIPTION DETOUR FOR BRIDGE NO. 227 ON -L- (SR 3000) OVER BEAVER CREEK							GROUND WATER		
BORING NO. DET-EBI-C		BORING LOCATION 17+37		OFFSET CL		ALIGNMENT -DET-	0 HR. N/A		
COLLAR ELEVATION 606.7'		NORTHING 834357		EASTING 1803168			24 HR. N/A		
TOTAL DEPTH 9.6'		DRILL MACHINE N/A		DRILL METHOD BRIDGE ROD		HAMMER TYPE MANUAL			
START DATE 05/08/03		COMPLETION DATE 05/08/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 9.6'			
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT 1.0'	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
			0	25	50	75			
615.0									
610.0									
606.7	2.0	13						ALLUVIAL, TAN-BROWN, SILTY SAND	
605.0		16						RESIDUAL, BROWN, SANDY CLAY	
600.0	7.5	40						WEATHERED ROCK (METAMORPHOSED GRANITE)	
595.0		51							
590.0		100+						BRIDGE ROD REFUSAL AT ELEVATION 597.1 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)	
585.0		100+							
580.0									
575.0									
570.0									
565.0									
560.0									
555.0									
550.0									
545.0									
540.0									

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SITE DESCRIPTION DETOUR FOR BRIDGE NO. 227 ON -L- (SR 3000) OVER BEAVER CREEK							GROUND WATER		
BORING NO. DET-EB2-C		BORING LOCATION 18+57		OFFSET CL		ALIGNMENT -DET-	0 HR. N/A		
COLLAR ELEVATION 606.9'		NORTHING 834477		EASTING 1803176			24 HR. N/A		
TOTAL DEPTH 10.5'		DRILL MACHINE N/A		DRILL METHOD BRIDGE ROD		HAMMER TYPE MANUAL			
START DATE 05/08/03		COMPLETION DATE 05/08/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 10.5'			
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT 1.0'	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
			0	25	50	75			
615.0									
610.0									
606.7								ALLUVIAL, TAN-BROWN, SILTY SAND	
605.0		2						RESIDUAL, BROWN, SANDY CLAY	
600.0	6.0	4						RESIDUAL, BROWN, SANDY CLAY	
595.0		8							
590.0		9						BRIDGE ROD REFUSAL AT ELEVATION 596.4 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)	
585.0		53							
580.0		41							
575.0		47							
570.0		52							
565.0		56							
560.0		100+							
555.0									
550.0									
545.0									
540.0									