



PROJECT NO. 8.2495201		ID. B-3646		COUNTY Guilford		GEOLOGIST G. Licayan									
SITE DESCRIPTION Bridge 185 Over the Haw River on SR 2712						GROUND WATER (ft)									
BORING NO. EB1-A		BORING LOCATION 15+86		OFFSET 16ft LT		ALIGNMENT -L-									
COLLAR ELEV. 625.2 ft		NORTHING 900294.52		EASTING 1839107.89		0 HR. DRY									
TOTAL DEPTH 20.5 ft		DRILL MACHINE CME 45 ATV		DRILL METHOD 0.5' HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 7/1/03		COMPLETED 7/1/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
625.2													625.2	0.00	
624.2	1.0	3	1	2							SS-1	36.9%	622.7	2.5	ROADWAY EMBANKMENT FILL: Soft; White, Brown, and Red; Coarse to Fine Sandy; Silty CLAY with a Trace of Topsoil
621.7	3.5	3	5	7							M				RESIDUAL: Stiff to Hard; Black, Tan, and Orange; Clayey; Coarse to Fine Sandy SILT with a Trace of Root Fragments and Mica
619.2	6.0	4	7	10							M				
616.7	8.5	6	8	12							SS-2	36.5%			
611.7	13.5	37	32	34											
606.7	18.5	60/0.2											608.2	17.0	WEATHERED ROCK: White, Orange, and Tan Metavolcanic Rock
604.7	20.5	60/0.0											604.7	20.5	Boring Terminated with SPT Refusal at Elevation 604.7 feet on Crystalline Rock: Metavolcanic Rock



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SITE DESCRIPTION Bridge 185 Over the Haw River on SR 2712						GROUND WATER (ft)									
BORING NO. EB1-B		BORING LOCATION 15+74		OFFSET 16ft RT		ALIGNMENT -L-									
COLLAR ELEV. 625.8 ft		NORTHING 900272.58		EASTING 1839081.04		0 HR. DRY									
TOTAL DEPTH 15.0 ft		DRILL MACHINE CME 45 ATV		DRILL METHOD 0.5' HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 7/1/03		COMPLETED 7/1/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
625.8													625.8	0.00	
624.8	1.0	3	2	3							W		620.8	5.0	ROADWAY EMBANKMENT FILL: Medium Stiff, Brown and Red, Coarse to Fine Sandy, Silty CLAY with a Trace of Gravel and a Trace of Topsoil
622.3	3.5	3	2	4							SS-3	44.0%			
619.8	6.0	4	5	8							W				RESIDUAL: Stiff to Very Stiff; Black, Tan, and Orange; Clayey; Coarse to Fine Sandy SILT with a Little Mica
617.3	8.5	5	8	10							SS-4	38.5%			
612.3	13.5												612.8	13.0	
610.8	15.0	100/0.4											610.8	15.0	WEATHERED ROCK: Tan and Orange Metavolcanic Rock Boring Terminated with SPT Refusal at Elevation 610.8 feet on Crystalline Rock: Metavolcanic Rock