

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 33422.1.1		ID. B-4058		COUNTY CASWELL		GEOLOGIST E.C. CAMPBELL							
SITE DESCRIPTION BRIDGE NO. 85 ON SR 1767 (GUNN-POOLE RD.) OVER NORTH HYCO CREEK							GROUND WATER						
BORING NO. EB2-A		BORING LOCATION 17+41		OFFSET 15' LT		ALIGNMENT -L-							
COLLAR ELEVATION 524.7'		NORTHING 923619		EASTING 1922966		0 HR. 1.5'							
TOTAL DEPTH 19.5'		DRILL MACHINE CME 750		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC							
START DATE 12/9/03		COMPLETION DATE 12/9/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 19.5'							
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
524.7													ROADWAY EMBANKMENT, GRAY, SANDY SILT
520.0	3.6	8	6	4	1.0	X10						W	ALLUVIAL, GREEN-GRAY, SANDY SILT
515.0	8.6	1	2	1	1.0	X3						W	GREEN-GRAY, SILTY SAND
510.0	13.6	1	2	1	1.0	X3				SS-14		W	DARK GRAY, SANDY SILT
	16.1	2	9	36	1.0		X45					W	RESIDUAL, GREEN-GRAY, COARSE SAND
505.0	18.6	100			0.4		100+						WEATHERED ROCK (METAVOLCANIC ROCK)
AUGER REFUSAL AT ELEVATION 505.2 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)													

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SITE DESCRIPTION BRIDGE NO. 85 ON SR 1767 (GUNN-POOLE RD.) OVER NORTH HYCO CREEK							GROUND WATER						
BORING NO. EB2-B		BORING LOCATION 17+49		OFFSET 15' RT		ALIGNMENT -L-							
COLLAR ELEVATION 524.9'		NORTHING 923600		EASTING 1922942		0 HR. 1.9'							
TOTAL DEPTH 22.9		DRILL MACHINE CME 750		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC							
START DATE 12/9/03		COMPLETION DATE 12/9/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 22.9'							
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
524.9													ROADWAY EMBANKMENT, BROWN, SANDY SILT
520.0	3.3	2	3	4	1.0	X7						W	ALLUVIAL, BROWN, BLUE-GRAY, SANDY SILT
515.0	8.3	1	1	1	1.0	X2				SS-10		W	DARK GRAY, SILTY SAND
510.0	13.3	1	0	1	1.0	X1				SS-11		W	DARK GRAY AND BLACK, COARSE SAND
505.0	18.3	8	9	7	1.0	X16				SS-12		W	
AUGER REFUSAL AT ELEVATION 502.0 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)													