NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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. EBI-A	**BORING LOCATION** 16+01	**OFFSET** 15' LT	**ALIGNMENT** -L-	**0 HR.** 3.0'
COLLAR ELEVATION 525.1'	**NORTHING** 923746	**EASTING** 1922907	**24 HR.** 1.0'
TOTAL DEPTH 33.8'	**DRILL MACHINE** CME 750	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC
START DATE 12/8/03	**COMPLETION DATE** 12/8/03	**SURFACE WATER DEPTH**	**DEPTH TO ROCK** 32.5'

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
525.1										
525.0										ROADWAY EMBANKMENT, BROWN, SANDY SILT
	3.6	1	3	5	1.0	8		W		
520.0										ALLUVIAL, BROWN, GREEN-GRAY, SANDY SILT
	8.6	1	1	1	1.0	2		W		
515.0										
	13.6	WOH	WOH	WOH	1.0	0		W		DARK GREEN-GRAY, SILTY SAND
510.0										
	18.6	3	5	7	1.0	12		W		LIGHT GRAY TO GREEN-GRAY, COARSE SAND
505.0										
	23.6	4	4	5	1.0	9	SS-8	W		
500.0										
	28.6	100			0.4	100+				WEATHERED ROCK (METAVOLCANIC ROCK)
495.0										
	33.6	60			0.1	60/0.1				CRYSTALLINE ROCK (METAVOLCANIC ROCK)
490.0						SPT REFUSAL AT ELEVATION 491.3 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)				
485.0										
480.0										
475.0										
470.0										
465.0										
460.0										
455.0										
450.0										

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SITE DESCRIPTION BRIDGE NO. 85 ON SR 1767 (GUNN-POOLE RD.) OVER NORTH HYCO CREEK			**GROUND WATER**
BORING NO. EBI-B	**BORING LOCATION** 16+09	**OFFSET** 15' RT	**ALIGNMENT** -L-	**0 HR.** 2.5'
COLLAR ELEVATION 525.2'	**NORTHING** 923727	**EASTING** 1922883	**24 HR.** 1.0'
TOTAL DEPTH 33.2'	**DRILL MACHINE** CME 750	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC
START DATE 12/8/03	**COMPLETION DATE** 12/8/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 33.2'

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
525.5										
525.0								W		ROADWAY EMBANKMENT, BROWN, SANDY SILT
	2.1	WOH	WOH	WOH	1.0	0		W		
	3.8	1	3	5	1.0	8	SS-1	W		
520.0										ALLUVIAL, BROWN, GREEN-GRAY, SANDY SILT
	8.8	WOH	WOH	WOH	1.0	0	SS-2	W		
515.0										
	11.3	WOH	WOH	WOH	1.0	0	SS-3	W		GREEN-GRAY, SANDY CLAY
	13.8	1	1	4	1.0	5	SS-4	W		DARK GREEN-GRAY, SILTY SAND
510.0										
	16.3	1	1	1	1.0	2		W		
	18.8	3	3	1	1.0	4	SS-5	W		LIGHT GRAY, COARSE SAND
505.0										
	21.3	1	1	1	1.0	2	SS-6	W		DARK, GREEN-GRAY, SANDY CLAY
	23.8	WOH	WOH	1	1.0	1		W		
500.0										
	26.3	13	30	29	1.0	59	SS-7	W		RESIDUAL, DARK GREEN-GRAY, COARSE SAND
	28.8	100			0.4	100+		W		WEATHERED ROCK (METAVOLCANIC ROCK)
495.0										
490.0						AUGER REFUSAL AT ELEVATION 492.0 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)				
485.0										
480.0										
475.0										
470.0										
465.0										
460.0										
455.0										
450.0										