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. B2-A	**BORING LOCATION** 16+91	**OFFSET** 15' LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 525.2'	**NORTHING** 923665	**EASTING** 1922945		**24 HR.** 0.5'
TOTAL DEPTH 39.8'	**DRILL MACHINE** CME 750	**DRILL METHOD** N-CASING	**HAMMER TYPE** AUTOMATIC	
START DATE 12/10/03	**COMPLETION DATE** 12/11/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 39.0'	

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
525.2										
525.0										ROADWAY EMBANKMENT, GRAY, SILTY SAND
520.0	4.3	1	1	3	1.0	X 4		W		ALLUVIAL, LIGHT GRAY TO DARK GRAY, SILTY SAND
515.0	9.3	3	2	2	1.0	X 4		W		
510.0	14.3	WOH	WOH	WOH	1.0	X 0		W		
505.0	19.7	3	6	5	1.0	X 11	SS-15	W		LIGHT GRAY, COARSE SAND
500.0	24.7	5	12	25	1.0	X 37		W		RESIDUAL, DARK GRAY, ORANGE-BROWN, COARSE SAND
495.0	29.7	100			0.4	100+ X				WEATHERED ROCK (METAVOLCANIC ROCK)
490.0	34.7	100			0.4	100+ X				
485.0	39.7	60			0.1	60/0.1+ X				CRYSTALLINE ROCK (METAVOLCANIC ROCK)
480.0						SPT REFUSAL AT ELEVATION 485.4 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)				
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. B2-B	**BORING LOCATION** 16+99	**OFFSET** 15' RT	**ALIGNMENT** -L-	**0 HR.** 2.9'
COLLAR ELEVATION 525.0'	**NORTHING** 923644	**EASTING** 1922921		**24 HR.** 1.5'
TOTAL DEPTH 26.8'	**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** 26.8'	

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
525.0										ROADWAY EMBANKMENT, GRAY, SANDY SILT
520.0	3.8	WOH	1	0	1.0	X 1		W		ALLUVIAL, GREEN-GRAY TO LIGHT GRAY, SANDY SILT
515.0	8.8	WOH	WOH	WOH	1.0	X 0		W		LIGHT GRAY, SILTY SAND
510.0	13.8	1	1	1	1.0	X 2	SS-13	W		
505.0	18.8	3	5	3	1.0	X 8		W		
500.0	23.8	3	4	10	1.0	X 14		W		RESIDUAL, DARK GRAY, BLACK, COARSE SAND
495.0						AUGER REFUSAL AT ELEVATION 498.2 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)				
490.0										
485.0										
480.0										
475.0										
470.0										
465.0										
460.0										
455.0										
450.0										