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. BI-A	**BORING LOCATION** 16+40	**OFFSET** 6' LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 522.2'	**NORTHING** 923707	**EASTING** 1922914		**24 HR.** N/A
TOTAL DEPTH 34.6'	**DRILL MACHINE** CME 750	**DRILL METHOD** N-CASING	**HAMMER TYPE** AUTOMATIC	
START DATE 12/11/03	**COMPLETION DATE** 12/11/03	**SURFACE WATER DEPTH** 1.9'	**DEPTH TO ROCK** 29.5'	

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
522.2										
520.0	4.1	WOH	WOH	WOH	1	0		W		ALLUVIAL, BROWN TO GREEN-GRAY, SILTY SAND
515.0	9.5	WOH	WOH	WOH	1	0	SS-16	W		
510.0	14.5	12	7	1	1	8	SS-17	W		DARK GREEN-GRAY, SANDY CLAY
505.0	19.5	4	2	2	1	4		W		LIGHT GRAY, COARSE SAND
500.0	24.5	3	4	3	1	7	SS-18	W		
495.0	29.5	60			0.1	60/0.1				WEATHERED ROCK (METAVOLCANIC ROCK)
490.0	34.5	60			0.1	60/0.1				CRYSTALLINE ROCK (METAVOLCANIC ROCK)
485.0						SPT REFUSAL AT ELEVATION 487.6 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)				
480.0										
475.0										
470.0										
465.0										
460.0										
455.0										
450.0										
445.0										

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SITE DESCRIPTION BRIDGE NO. 85 ON SR 1767 (GUNN-POOLE RD.) OVER NORTH HYCO CREEK			**GROUND WATER**
BORING NO. BI-B	**BORING LOCATION** 16+49	**OFFSET** 5' RT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 522.6'	**NORTHING** 923695	**EASTING** 1922909		**24 HR.** N/A
TOTAL DEPTH 38.2'	**DRILL MACHINE** CME 750	**DRILL METHOD** N-CASING	**HAMMER TYPE** AUTOMATIC	
START DATE 12/12/03	**COMPLETION DATE** 12/12/03	**SURFACE WATER DEPTH** 1.5'	**DEPTH TO ROCK** 38.2'	

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
522.6										
520.0	3.6	WOH	WOH	WOH	1.0	0		W		ALLUVIAL, BROWN, SANDY SILT
515.0	9.6	WOH	WOH	1	1.0	1		W		DARK GREEN-GRAY, SILTY SAND
510.0	14.6	5	3	1	1.0	4		W		LIGHT GRAY, COARSE SAND
505.0	19.6	5	3	3	1.0	6		W		
500.0	24.6	3	3	4	1.0	7		W		
495.0	29.6	34	30	58	1.0	88	SS-19	W		RESIDUAL, GREEN-GRAY, SAND
490.0	34.6	34	66		0.7	100+				WEATHERED ROCK (METAVOLCANIC ROCK)
485.0						ADVANCER REFUSAL AT ELEVATION 484.4 FEET ON CRYSTALLINE ROCK (METAVOLCANIC ROCK)				
480.0										
475.0										
470.0										
465.0										
460.0										
455.0										
450.0										
445.0										