

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33177.1.1		ID. B-3629		COUNTY CASWELL		GEOLOGIST MURRAY C.C.							
SITE DESCRIPTION BRIDGE NO. 11 ON SR 1565 OVER COUNTRY LINE CREEK							GROUND WATER						
BORING NO. EB1-A		BORING LOCATION 25+55.00		OFFSET -11.00		ALIGNMENT L							
COLLAR ELEVATION 394.99		NORTHING		EASTING		24 HR. 8.9							
TOTAL DEPTH 39.8		DRILL MACHINE CME-550		DRILL METHOD NWCASTRICONE		HAMMER TYPE AUTOMATIC							
START DATE 12/9/03		COMPLETION DATE 12/9/03		SURFACE WATER DEPTH		DEPTH TO ROCK							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75				100
394.99													(ROADWAY FILL) TAN V. SOFT SANDY SILTY CLAY
390.00	5.2	0	0	1									
385.00	10.2	4	5	6								SS-11	TAN STIFF CLAYEY F. SANDY SILT
380.00	15.2	2	3	2								SS-12	(ALLUVIUM) TAN TO BRN-TAN & GREEN-GRAY MED. STIFF TO SOFT CLAYEY F. SANDY SILT
375.00	19.2	2	1	1								SS-13	
370.00	25.2	1	1	10								SS-14	GREEN-GRAY MED. DENSE SAND W WOOD FRAG.
365.00	29.2	27	50	50	0.8								(RESIDUAL) GREEN & PINK MED. DENSE SAND
360.00	34.5	100			0.1								WEATHERED ROCK (GREEN & PINK SEV. WEATH. MICA GNEISS)
355.00	39.5	100			0.3								CRYSTALLINE ROCK (SPT REFUSAL, MOD. SEV. WEATH. MICA GNEISS)
													WEATHERED ROCK (SEV. WEATH. MICA GNEISS)
BORING TERMINATED AT ELEV. 355.19 IN WEATHERED ROCK													

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SITE DESCRIPTION BRIDGE NO. 11 ON SR 1565 OVER COUNTRY LINE CREEK							GROUND WATER						
BORING NO. EB1-B		BORING LOCATION 25+55.00		OFFSET 6.50		ALIGNMENT L							
COLLAR ELEVATION 395.19		NORTHING		EASTING		24 HR. 7							
TOTAL DEPTH 33.8		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC							
START DATE 12/8/03		COMPLETION DATE 12/8/03		SURFACE WATER DEPTH		DEPTH TO ROCK 29.1							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75				100
395.19													
395.00													
390.00	4.1	2	2	2	1							SS-1	(ROADWAY FILL) TAN SOFT TO MED. STIFF SILTY SANDY CLAY
385.00	9.1	4	2	3	1							SS-2	
380.00	14.1	1	1	2	1							SS-3	(ALLUVIUM) OLIVE MED. STIFF CLAYEY SANDY SILT
375.00	19.1	0	1	1	1							SS-4	GRAY-GREEN SOFT F. SANDY SILTY CLAY
370.00	24.1	100			0.6							SS-5	GRAY-GREEN V. SOFT TO SOFT CLAYEY F. SANDY SILT
365.00	29.1	100			0.1								WEATHERED ROCK (PINK & BLACK SEV. WEATH. MICA GNEISS)
360.00													CRYSTALLINE ROCK (SPT REFUSAL)
355.00													
350.00													
345.00													
340.00													
335.00													
330.00													
325.00													
320.00													
AUGER REFUSAL AT ELEV. 361.39 ON HARD ROCK													