

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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SHEET 1 OF 1

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. EB2-A		BORING LOCATION 27+78.00		OFFSET -11.00		ALIGNMENT L	
COLLAR ELEVATION 394.81		NORTHING		EASTING		24 HR. 8.2	
TOTAL DEPTH 44.6		DRILL MACHINE CME-550		DRILL METHOD NWCAS TRI-CONE		HAMMER TYPE AUTOMATIC	
START DATE 12/8/03		COMPLETION DATE 12/8/03		SURFACE WATER DEPTH		DEPTH TO ROCK 44.6	
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
394.81		0.5' 0.5' 0.5'		0 25 50 75 100		MOI.	(ROADWAY FILL) TAN SOFT SILTY SANDY CLAY
390.00	5	2 1 1	1	X-2		▼	
385.00	10.6	4 3 5	1	X-8	SS-30 MS-30	W 22.5	(ALLUVIUM) GRAY TO BRN MED. STIFF CLAYEY F. SANDY SILT
380.00	15.5	2 1 3	1	X-4	SS-31	W	
375.00	20.5	1 2 4	1	X-6	SS-32	W	TAN LOOSE CLAYEY F. SAND
370.00	25.5	2 2 3	1	X-5	SS-33	W	GRAY LOOSE SAND
365.00	30.5	27 25 53	1	X-78	SS-34	W	(RESIDUAL) GRAY & WHITE V. DENSE SILTY CSE. SAND
360.00	34.4	30 70	1	100 X			WEATHERED ROCK (GRAY & WHITE SEV. WEATH. MICA GNEISS)
355.00	39.4	45 55	0.8	100 X			
350.00							
345.00							
340.00							
335.00							
330.00							
325.00							
320.00							
315.00							

TRI-CONE REFUSAL AT
 ELEV. 350.21 ON HARD ROCK

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. EB2-B		BORING LOCATION 27+77.00		OFFSET 11.00		ALIGNMENT L	
COLLAR ELEVATION 394.48		NORTHING		EASTING		24 HR. 7	
TOTAL DEPTH 29.7		DRILL MACHINE CME-550		DRILL METHOD NWCAS TRI-CONE		HAMMER TYPE AUTOMATIC	
START DATE 12/10/03		COMPLETION DATE 12/10/03		SURFACE WATER DEPTH		DEPTH TO ROCK	
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
394.48		0.5' 0.5' 0.5'		0 25 50 75 100		MOI.	(ROADWAY FILL) TAN SOFT SILTY SANDY CLAY
390.00	5.3	2 1 1	1	X-2		▼	
385.00	10.3	3 2 2	1	X-4	SS-15	W	(ALLUVIUM) GRAY-GREEN TO GRAY SOFT TO V. SOFT CLAYEY SANDY SILT
380.00	15.3	0 0 0	1	X-0	SS-16	W	
375.00	20.3	1 2 98	0.9	100 X	SS-17		
370.00	24.1	42 58	0.9	100 X			WEATHERED ROCK (PINK & GRAY V. DENSE SILTY F. SAND) (SEV. WEATH. MICA GNEISS)
365.00	29.4	100	0.3	100 X			
360.00							
355.00							
350.00							
345.00							
340.00							
335.00							
330.00							
325.00							
320.00							
315.00							

BORING TERMINATED AT
 ELEV. 364.78 IN
 WEATHERED ROCK