

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 33405.1.1		ID. B-4039		COUNTY BURKE		ENGINEER S. BULLIN										
SITE DESCRIPTION BRIDGE 91 ON SR 1127 OVER SILVER CREEK							GROUND WATER									
BORING NO. EB2-B		BORING LOCATION Sta. 14+77.0		OFFSET 22.0 RT		ALIGNMENT -L-										
COLLAR ELEVATION 1085.3		NORTHING 715028.5		EASTING 1168758.8		0 HR. 11.7										
TOTAL DEPTH 34.4		DRILL MACHINE CME 550X		DRILL METHOD HSA 2.25" ID		HAMMER TYPE 140.0 lb. AUTO										
START DATE 02-15-05		COMPLETION DATE 02-15-05		SURFACE WATER DEPTH NA		DEPTH TO ROCK 34.4										
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5'	0.5'	0.5'		0	25	50	75	100						
1085.3	0.0	2	1	2	1.5											ARTIFICIAL FILL - Soft Reddish Brown, Fine Sandy Silty CLAY, Wet, With Mica, (A-7-5)
1085.0	3.5	1	2	1	1.5											
1080.0	8.5	1	2	1	1.5											ALLUVIUM - Very Loose and Medium Dense, Orange, Gray, Tan, Silty Fine SAND, Moist to Wet, With Rock Fragments, Cobbles and Mica, (A-2-4)
1075.0	13.5	9	9	4	1.5											
1070.0	18.5	46	55	45/0.3	1.3											WEATHERED ROCK - Tannish Brown, Silty SAND, Wet, With Rock Fragments, (WR)
1065.0	23.5	100/0.4			0.4											
1060.0	28.5	36	64/0.5		1.0											

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SHEET 2 OF 2

PROJECT NO. 33405.1.1		ID. B-4039		COUNTY BURKE		ENGINEER S. BULLIN										
SITE DESCRIPTION BRIDGE 91 ON SR 1127 OVER SILVER CREEK							GROUND WATER									
BORING NO. EB2-B		BORING LOCATION Sta. 14+77.0		OFFSET 19.0 RT		ALIGNMENT -L-										
COLLAR ELEVATION 1085.3		NORTHING 715028.5		EASTING 1168758.8		0 HR. 11.7										
TOTAL DEPTH 34.4		DRILL MACHINE CME 550X		DRILL METHOD HSA 2.25" ID		HAMMER TYPE 140.0 lb. AUTO										
START DATE 02-15-05		COMPLETION DATE 02-15-05		SURFACE WATER DEPTH NA		DEPTH TO ROCK 34.4										
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5'	0.5'	0.5'		0	25	50	75	100						
1055.0	33.5	8	92/0.3	0.8												Tannish White, Silty Fine SAND, Wet, With Rock Fragments, (WR)
1050.0	34.4	80/0.0														BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 1050.9 ON CRYSTALLINE ROCK (GRANITIC GNEISS)