

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. EB1-B		BORING LOCATION Sta. 13+58.0		OFFSET 19.0 RT		ALIGNMENT -L-										
COLLAR ELEVATION 1083.5		NORTHING 714947.4		EASTING 1168672.1		0 HR. 9.2										
TOTAL DEPTH 33.0		DRILL MACHINE CME 550X		DRILL METHOD HSA 2.25" ID		HAMMER TYPE 140.0 lb. AUTO										
START DATE 02-14-05		COMPLETION DATE 02-14-05		SURFACE WATER DEPTH NA		DEPTH TO ROCK 33.0										
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						
1083.5	0.0	1	2	2	1.5											ALLUVIUM - Loose and Very Loose, Orange, Brown, Slightly Silty Fine to Coarse SAND, Wet, With Mica, (A-2-4)
1080.0	3.5	2	1	2	1.5											
1075.0	8.5	2	2	3	1.5											
1070.0	13.5	5	3	3	1.5											
1065.0	18.5	4	4	10	1.5											
1060.0	23.5	4	7	13	1.5											
1055.0	28.5	9	12	14	1.5											

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		0.5'	0.5'	0.5'		0	25	50	75	100						
1050.0	33.0				0.0											Medium Dense, Gray, Tan, White, Brown, Silty Fine to Coarse SAND, Wet to Dry, (A-2-4)
BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 1050.5 ON CRYSTALLINE ROCK (GRANITIC GNEISS)																