

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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-A		BORING LOCATION Sta. 14+64.0		OFFSET 16.0 LT		ALIGNMENT -L-									
COLLAR ELEVATION 1085.1		NORTHING 715046.7		EASTING 1168723.1		0 HR. 11.2 24 HR. 10.7									
TOTAL DEPTH 21.6'		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 21.6'									
ELEV.	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					
1085.1	0.0	1	2	3	1.5								M		ARTIFICIAL FILL - Medium Stiff to Soft, Reddish Brown, Fine Sandy Silty CLAY, Moist, (A-7-5)
	3.5	1	2	1	1.5								SS-9	39.5 %	
1080.0															
	8.5	1	2	3	1.5								M		ALLUVIUM - Loose, Tannish Brown, Silty Fine to Coarse SAND, Moist, With Mica, (A-2-4)
1075.0															
	13.5	10	12	18	1.5								SS-10	M	RESIDUAL - Medium Dense, Tannish Brown, Silty Fine to Coarse SAND, Moist, With Rock Fragments and Mica, (A-1-b)
1070.0															
	18.5	100/0.5			0.5								M		WEATHERED ROCK - Tannish Brown, Silty Fine to Coarse SAND, Moist, With Rock Fragments, (WR)
1065.0															
	21.60	60/0.0											M		
1060.0															
BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 1063.5 ON CRYSTALLINE ROCK (GRANITIC GNEISS)															