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. B1-B	BORING LOCATION Sta. 14+40.0	OFFSET 15.5 RT	ALIGNMENT -L-	0 HR. 13.0
COLLAR ELEVATION 1084.4	NORTHING 715007.4	EASTING 1168728.1	24 HR. 11.5
TOTAL DEPTH 52.2	DRILL MACHINE CME 550X	DRILL METHOD HSA 2.25" ID/ROTARY	HAMMER TYPE 140.0 lb. AUTO
START DATE 02-15-05	COMPLETION DATE 02-15-05	SURFACE WATER DEPTH NA	DEPTH TO ROCK 35.9

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT (0 25 50 75 100)	SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION
1084.4										1084.4' 0.0'
	0.0	1	1	2	1.5	3		M		ARTIFICIAL FILL - Soft Reddish Orange, Fine Sandy SILT, Moist, With Mica, (A-2-6)
										1080.9' 3.0'
1080.0	3.5	1	1	1	1.5	2	SS-7	M		ARTIFICIAL FILL - Very Loose, Tannish Brown, Silty Fine to Coarse Clayey SAND, Moist, With Mica, (A-2-7)
										1081.4' 6.0'
	8.5	2	2	4	1.5	6	SS-8	M		ALLUVIUM - Loose, Orange, Brown, Silty Fine SAND, Moist, (A-2-4)
1075.0										1072.4' 12.0'
	13.5	6	36	20	1.5	56		M		RESIDUAL - Very Dense, Tannish White, Silty Fine to Coarse SAND, Moist, (A-2-4)
1070.0										1066.4' 18.0'
	18.5	31	41	59/0.2	1.2	100/0.7		W		WEATHERED ROCK - Orangish Tan, Silty Fine to Coarse SAND, Wet, (WR)
1065.0										
	23.5	100/0.3			0.3	100/0.3		W		
1060.0										1059.4' 25.0'
	28.5	5	8	14	1.5	22		M		Medium Dense, Tannish Brown, Silty Fine SAND, Moist, With Mica, (A-2-4)
1055.0										

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ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT (0 25 50 75 100)	SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION
										1054.4' 30.0'
										Medium Dense, Tannish Brown, Silty Fine SAND, Moist, With Mica, (A-2-4)
										1051.4' 33.0'
1050.0	33.5	37	63/0.3		0.8	100/0.8		M		WEATHERED ROCK- Very Dense, Tannish Brown, Silty Fine to Coarse SAND, Moist, With Rock Fragments and Mica, (WR)
						60/0.0				1048.5' 35.5'
	35.9	60/0.0								CRYSTALLINE ROCK - Very Slightly Weathered, Very Hard, Very Wide Fracture Spacing, Gray White Black Granitic Gneiss (CR)
1045.0										
1040.0										
1035.0										1032.2' 52.2'
	52.2					CORING TERMINATED AT ELEVATION 1032.2 IN CRYSTALLINE ROCK (GRANITIC GNEISS)				
1030.0										
1025.0										