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-A	BORING LOCATION Sta. 14+28.0	OFFSET 14.0 LT	ALIGNMENT -L-	0 HR. 13.0
COLLAR ELEVATION 1085.1	NORTHING 715020.0	EASTING 1168698.9	24 HR. 11.7
TOTAL DEPTH 52.8	DRILL MACHINE CME 550X	DRILL METHOD HSA 2.25" ID/ROTARY	HAMMER TYPE 140.0 lb. AUTO
START DATE 02-15-05	COMPLETION DATE 02-16-05	SURFACE WATER DEPTH NA	DEPTH TO ROCK 36.2

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
1085.1	0.0	1	1	2	1.5	3		W		1085.1' 0.0' ARTIFICIAL FILL - Soft Reddish Orange, Clayey Fine Sandy SILT, Wet, (A-4)
	3.5	1	1	2	1.5	3	SS-5	39.1%		
1080.0										1079.1' 6.0'
	8.5	2	1	2	1.5	3		W		ALLUVIUM - Very Loose and Dense, Orange, Tan, Brown, Silty Fine SAND, With Rock Fragments, Wet, With Mica, (A-2-4)
1075.0										
	13.5	9	21	15	1.5	36		W		
1070.0										1067.0' 18.0'
	18.5	70	30/0.3		0.8	100/0.8		D		WEATHERED ROCK - Tannish Brown, Silty Fine to Coarse SAND, Dry, With Rock Fragments and Mica, (WR)
1065.0										1064.1' 21.0'
	23.5	7	5	10	1.5	15		D		RESIDUAL - Medium Dense, Tannish Brown, Silty Fine SAND, Dryto Moist, With Mica, (A-2-4)
1060.0										
	28.5	3	4	6	1.5	10	SS-6	M		

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START DATE 02-15-05	COMPLETION DATE 02-16-05	SURFACE WATER DEPTH NA	DEPTH TO ROCK 36.2

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
	33.5	4	4	5	1.5	9				1055.1' 30.0' Medium Dense to Loose, Tannish Brown, Silty Fine to Coarse, SAND, Moist, With Mica, (A-2-5)
1050.0						60/0.0				1048.9' 36.2'
	36.2	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										1032.3' 52.8'
	52.8					CORING TERMINATED AT ELEVATION 1032.3 IN CRYSTALLINE ROCK (GRANITIC GNEISS)				
1030.0										