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-A	BORING LOCATION Sta. 13+47.0	OFFSET 20.0 LT	ALIGNMENT -L-	0 HR. 13.1
COLLAR ELEVATION 1086.2	NORTHING 714967.3	EASTING 1168636.9	24 HR. 12.7
TOTAL DEPTH 31.6	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 31.6

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
1086.2										1086.2' 0.0'
1085.0	0.0	2	4	9	1.5	13	SS-1	23.2%		ROADWAY EMBANKMENT FILL- Stiff and Soft Reddish Brown, Clayey Fine Sandy SILT, With Rock Fragments, Moist, With Mica, (A-5)
	3.5	3	2	1	1.5	3		M		1080.2' 6.0'
1080.0										ALLUVIUM - Loose, Tannish, Gray Brown, Silty Fine to Coarse SAND, Wet, Trace Mica, With Cobbles, (A-2-4)
	8.5	3	2	2	1.5	4		W		
1075.0										
	13.5	1	1	5	1.5	6	SS-2	W		1089.2' 17.0'
1070.0										RESIDUAL- Loose Tannish Brown, Silty Fine to Coarse SAND, Moist, Trace Mica, (A-2-4)
	18.5	2	2	2	1.5	4		D		
1065.0										
	23.5	3	5	5	1.5	10		M		1059.2' 27.0'
1060.0										Dense, Tannish White, Silty Fine to Coarse SAND, Moist, With Mica, (A-2-4)
	28.5	16	26	17	1.5	43		M		

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TOTAL DEPTH 31.6	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 31.6

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
1055.0	31.6	50/0.0			0.0	50/0.0		M		1056.2' 30.0'
	31.6					BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 1054.6 ON CRYSTALLINE ROCK (GRANITIC GNEISS)				1054.6' 31.6' Dense, Tannish White, Silty Fine to Coarse SAND, Moist, With Mica, (A-2-4)
1050.0										
1045.0										
1040.0										
1035.0										
1030.0										