



PROJECT NO. 8.2407901		ID. B-3704		COUNTY Wake		GEOLOGIST D. Goodnight									
SITE DESCRIPTION Br. 108 over Lower Barton's Cr. on SR 1834 (Norwood Rd.)						GROUND WATER (ft)									
BORING NO. EB2-A		BORING LOCATION 17+80.0		OFFSET 14.0 ft LT		ALIGNMENT -L-									
COLLAR ELEV. 280.30 ft		NORTHING 798524.95		EASTING 2100782.10		0 HR. Dry									
TOTAL DEPTH 38.30 ft		DRILL MACHINE Truck CME 55		DRILL METHOD 3.25 in. ID HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 6/18/03		COMPLETED 6/18/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
280.3													280.3	0.00	
279.3	1.0												277.3	3.0	Roadway Embankment: Loose, Brown and Gray, Micaceous, Fine to Coarse SAND with Gravel (A-2-4)
276.8	3.5	7	3	5									274.8	5.5	Roadway Embankment: Stiff, Brown and Gray, Micaceous, Coarse to Fine Sandy, Clayey SILT (A-5)
274.3	6.0	3	4	5									272.3	8.0	Roadway Embankment: Loose, Brown and Gray, Micaceous, Clayey, Coarse to Fine SAND (A-2-5)
271.8	8.5	3	3	3									267.3	13.0	Roadway Embankment: Medium Stiff, Brown and Gray, Micaceous, Fine Sandy SILT (A-4)
266.8	13.5	4	3	5									263.3	17.0	Alluvial: Medium Dense, Tan, Silty, Fine SAND with Decayed Wood Debris (A-2-4)
261.8	18.5	4	6	7									252.8	27.5	Residual: Loose to Medium Dense, Tan to Brown, Micaceous, Silty, Coarse to Fine SAND (A-2-4)
256.8	23.5	3	2	4									247.3	33.0	Weathered Rock: Brown, Biotite Schist
251.8	28.5	12	11	10									244.8	35.5	Residual: Hard, Brown and Tan, Micaceous, Silty, Fine to Coarse SAND with Rock Fragments (A-2-4)
246.8	33.5	100/3											242.0	38.3	Weathered Rock: Brown, Biotite Schist
242.0	38.3	12	23	62											Boring Terminated with SPT Refusal at 38.3 feet (Elev. 242.0) on Crystalline Rock (Biotite Schist)
		60/0													



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BORING NO. EB2-B		BORING LOCATION 17+80.0		OFFSET 17.0 ft RT		ALIGNMENT -L-									
COLLAR ELEV. 279.90 ft		NORTHING 798503.70		EASTING 2100758.92		0 HR. Dry									
TOTAL DEPTH 23.60 ft		DRILL MACHINE Truck CME 55		DRILL METHOD 3.25 in. ID HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 6/18/03		COMPLETED 6/18/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
279.9													279.9	0.00	
278.9	1.0												264.9	15.0	Roadway Embankment: Medium Stiff to Stiff, Red-Brown, Micaceous, Fine Sandy, Clayey, SILT with a little Rootlets and Some Gravel (A-4)
276.4	3.5	2	2	3									264.9	15.0	
273.9	6.0	2	3	5									258.4	21.5	Alluvial: Stiff, Gray and Tan, Coarse to Fine Sandy, Silty CLAY with Some Roots (A-6)
271.4	8.5	2	3	4									256.3	23.6	Residual: Medium Stiff, Tan, Fine Sandy SILT (A-4)
266.4	13.5	4	5	7									256.3	23.6	Weathered Rock: Biotite Schist
261.4	18.5	2	4	5											Boring Terminated with SPT Refusal at 23.6 feet (Elev. 256.3) on Crystalline Rock (Biotite Schist)
256.4	23.5	3	3	4											
256.3	23.6	60/1													
		60/0													

MCDOT BORE SINGLE 07103015.GPJ NC_DOT.GDT 10/15/03

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