



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. EB1-A		BORING LOCATION 16+30.0		OFFSET 14.0 ft LT		ALIGNMENT -L-		0 HR. Dry							
COLLAR ELEV. 280.70 ft		NORTHING 798636.57		EASTING 2100682.25				24 HR. Dry							
TOTAL DEPTH 23.80 ft		DRILL MACHINE Truck CME 55		DRILL METHOD 3.25 in. ID HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 6/19/03		COMPLETED 6/19/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
280.7													280.7	0.00	
279.7	1.0														
277.2	3.5	3	5	6									277.7	3.0	Roadway Embankment: Medium Dense, Brown, Micaceous, Silty, Coarse to Fine SAND (A-2-4)
274.7	6.0	5	5	6									275.2	5.5	Roadway Embankment: Stiff, Brown, Micaceous, Coarse to Fine Sandy SILT (A-4)
272.2	8.5	4	5	5									271.2	9.5	Roadway Embankment: Medium Dense, Brown, Micaceous, Silty, Coarse to Fine SAND (A-2-4)
		5	5	6									268.7	12.0	Residual: Medium Dense, Brown, Micaceous, Saprolitic, Silty, Coarse to Fine SAND with Rock Fragments (A-2-4) Weathered Rock: Biotite Schist
267.2	13.5	75	25/1										100/6		
262.2	18.5	100/4											100/4		
257.2	23.5	100/3											100/3		
													256.9	23.8	Boring Terminated at 23.8 feet (Elev 256.9) in Weathered Rock (Biotite Schist)



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. EB1-B		BORING LOCATION 16+30.0		OFFSET 15.0 ft RT		ALIGNMENT -L-		0 HR. Dry							
COLLAR ELEV. 280.10 ft		NORTHING 798616.54		EASTING 2100660.34				24 HR. 15.30							
TOTAL DEPTH 25.50 ft		DRILL MACHINE Truck CME 55		DRILL METHOD 3.25 in. ID HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 6/19/03		COMPLETED 6/19/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
280.1													280.1	0.00	
279.1	1.0														
276.6	3.5	3	3	5											Roadway Embankment: Loose to Medium Dense, Brown, Micaceous, Silty, Coarse to Fine SAND with Gravel (A-2-4)
274.1	6.0	4	5	3											
271.6	8.5	3	4	6											
		3	4	4											
266.6	13.5	3	3	7											Residual: Stiff, Gray, Micaceous, Saprolitic, Fine Sandy SILT with Rock Fragments (A-4) Weathered Rock: Biotite Schist
261.6	18.5	60/1											261.6	18.5	Crystalline Rock: Biotite Schist with Intermittent Weathered Rock Seams
256.6	23.5	60/1											60/1		
254.6	25.5	60/0											60/0		Boring Terminated with SPT Refusal at 25.5 feet (Elev. 254.6) in Crystalline Rock (Biotite Schist)