



PROJECT NO. 8.T311002		ID. R-2552AB		COUNTY Johnston		GEOLOGIST B. Banks									
SITE DESCRIPTION Site 1: Dual Structures on Clayton bypass (-L-) over White Oak Creek (Austin pond)							GROUND WATER (m)								
BORING NO. EB2-A RL		BORING LOCATION 41+94.2		OFFSET 8.0m RT	ALIGNMENT -L-		0 HR. 3.1								
COLLAR ELEV. 60.07 m		NORTHING 208,403.1		EASTING 653,017.0		24 HR. 2.7									
TOTAL DEPTH 11.14 m		DRILL MACHINE D-50	DRILL METHOD HSA-2.25" I.D.		HAMMER TYPE 63.5 kg manual										
DATE STARTED 9/7/01		COMPLETED 9/7/01		SURFACE WATER DEPTH N/A											
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		15cm	15cm	15cm	0	20	40	60	80				100		
60.07													60.07	0.00	
58.83	1.24	3	3	4								M			Residual: Brown, micaceous SILT (A-4) with strong gneiss fabric
57.31	2.76	1	1	3								Sat.			
55.79	4.28	2	2	2								Sat.			
54.27	5.80	6	7	9								Sat.			Residual: Tan and white, silty, fine to coarse SAND (A-2-4) with granitic fabric
52.75	7.32	3	4	6								Sat.	SS-50		
51.23	8.84	3	5	8								Sat.			Residual: Brown, micaceous SILT (A-4) with gneiss fabric
49.71	10.36	2	3	23								Sat.			
48.93	11.14	50/0cm			50/0cm										Residual: White and tan SILT (A-4) with granitic fabric and quartz seam Soft Weathered Rock: Granite Boring terminated at SPT refusal and Auger Refusal at 11.14m (Elev: 48.93m) on Hard Rock: Granite Bit used: HSA Drilling Fluid: N/A

NCDOT BORE SINGLE BORELOG2.GPJ NC DOT.GDT 12/5/01



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SITE DESCRIPTION Site 1: Dual Structures on Clayton bypass (-L-) over White Oak Creek (Austin pond)							GROUND WATER (m)								
BORING NO. EB2-B RL		BORING LOCATION 42+04.0		OFFSET 23.1m RT	ALIGNMENT -L-		0 HR. 4.1								
COLLAR ELEV. 63.77 m		NORTHING 208,385.4		EASTING 653,020.3		24 HR. 4.1									
TOTAL DEPTH 14.72 m		DRILL MACHINE D-50	DRILL METHOD HSA-2.25" I.D.		HAMMER TYPE 63.5 kg manual										
DATE STARTED 9/7/01		COMPLETED 9/7/01		SURFACE WATER DEPTH N/A											
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		15cm	15cm	15cm	0	20	40	60	80				100		
63.77													63.77	0.00	
62.57	1.20	7	8	8								M			Residual: Brown and tan, silty, fine SAND (A-2-4) with quartz fragments
61.05	2.72	4	4	5								SS-51			
59.53	4.24	3	2	4								Sat.			
58.01	5.76	2	3	4								Sat.	SS-52		Residual: Brown, white, and orange, silty, fine to coarse SAND (A-2-5) with gneiss fabric
56.49	7.28	3	3	4								Sat.			Residual: Brown and black, fine sandy SILT (A-4) with gneiss fabric
54.97	8.80	2	3	4								Sat.			Residual: Tan and white, micaceous, fine sandy SILT (A-5) with granitic fabric
53.45	10.32	3	5	8								Sat.	SS-53		
51.93	11.84	5	5	9								W			
50.41	13.36	5	7	10								W			
49.05	14.72	50/0cm			50/0cm										Soft Weathered Rock: Granite Boring terminated at SPT refusal and Auger Refusal at 14.72m (Elev: 49.05m) on Hard Rock: Granite Bit used: HSA Drilling Fluid: N/A

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