



N.C.D.O.T. GEOTECHNICAL UNIT  
BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.T311002		ID. R-2552AB		COUNTY Johnston		GEOLOGIST M. Lear/J. Bryson									
SITE DESCRIPTION Site 1: Dual Structures on Clayton bypass (-L-) over White Oak Creek (Austin pond)							GROUND WATER (m)								
BORING NO. EB1-Aa LL		BORING LOCATION 39+58.8		OFFSET 23.8m LT	ALIGNMENT -L-		0 HR. 3.50								
COLLAR ELEV. 61.48 m		NORTHING 208,513.3		EASTING 652,805.9		24 HR. 3.70									
TOTAL DEPTH 8.86 m		DRILL MACHINE CME-45/MB/ATV		DRILL METHOD Mud Rotary/NW Core		HAMMER TYPE 63.5 kg manual									
DATE STARTED 8/28/01		COMPLETED 9/19/01		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		
61.48													61.48	0.00	
61.48	0.00	4	6	10											Residual: Orange, silty, sandy CLAY (A-7-5) with relict rock fabric
60.76	0.72	5	6	6											
59.20	2.28	4	9	8											
57.70	3.78	8	9	7											
56.18	5.30	5	6	8											
55.57	5.91	50/0cm													
54.07	7.41	5	24	13											
52.92	8.56														
52.62	8.86	50/0cm													

NCDOT BORE SINGLE BORELOG2.GPJ NC DOT.GDT 10/16/01



N.C.D.O.T. GEOTECHNICAL UNIT  
CORE BORING REPORT

SHEET NO.	TOTAL SHEETS
25	107

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DATE STARTED 8/28/01		COMPLETED 9/19/01		SURFACE WATER DEPTH N/A						
CORE SIZE NW		TOTAL RUN 1.50 m		DRILLER J. Stewart						
ELEV. (m)	DEPTH (m)	RUN (m)	DRILL RATE (Min/0.3m)	RUN		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC. (%)	RQD (%)		REC. (%)	RQD (%)		
										Begin Coring @ 5.91 m
55.57	5.91	1.50	3:17 N=50/0cm	(0.41)	(0.25)		(0.25)	(0.25)		55.57 Hard Rock: Black, fine grained, slightly weathered to fresh, sound, very hard Diabase 5.91
			2:10	27%	17%		100%	100%		55.32 No Recovery-Interpreted as Hard Weathered Rock/Soft Weathered Rock: Diabase 6.16
			1:00				(0.00)	(N/A)		
			0:14				0%	0%		
			2:48							
54.07	7.41						(0.16)	(0.00)		54.23 Hard Rock: Black, fine grained, moderately weathered, extremely to moderately fractured, hard Diabase 7.25
							100%	0%		54.07 Coring terminated at 7.41m (Elev: 54.07m) at base of Hard Rock: Diabase 7.41

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