



SHEET NO.	TOTAL SHEETS
73	107

PROJECT NO. 8.T311002		ID. R-2552AB		COUNTY Johnston		GEOLOGIST M. Lear							
SITE DESCRIPTION Site 1: Dual Structures on Clayton bypass (-L-) over White Oak Creek (Austin pond)							GROUND WATER (m)						
BORING NO. EB1-B RL		BORING LOCATION 40+01.3		OFFSET 23.8m RT		ALIGNMENT -L-							
COLLAR ELEV. 67.79 m		NORTHING 208,455.1		EASTING 652,831.9		0 HR. 1.33							
TOTAL DEPTH 15.18 m		DRILL MACHINE CME-45/ATV		DRILL METHOD Mud Rotary		HAMMER TYPE 63.5 kg manual							
DATE STARTED 9/19/01		COMPLETED 9/20/01		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
67.79													67.79 0.00
66.72	1.07	4	6	8									Residual: orange, tan, greenish white, and white, slightly micaceous, slightly clayey, silty, fine to coarse SAND (A-2-4) with relict Granitic fabric
65.21	2.58	4	6	5									
63.69	4.10	3	3	6									
62.17	5.62	5	5	7									
60.53	7.26	4	5	9									
59.13	8.66	4	7	10									
57.56	10.23	7	14	18									
56.04	11.75	18	28	29									
54.58	13.21	11	20	27									
53.06	14.73	31	51	38									
													53.59 14.20
													52.61 15.18
Boring terminated at 7.20m (Elev: 57.32m) at bit refusal on Hard Rock/Hard Weathered Rock: Diabase													
Bits Used: 10.2cm side-discharge wing bit and 10.2cm roller cone													
Drilling Fluid: 1.02g/cm ³													

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