



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. B4-A LL	BORING LOCATION 40+59.2	OFFSET 21.8m LT	ALIGNMENT -L-
COLLAR ELEV. 58.67 m	NORTHING 208,479.5	EASTING 652,901.4	0 HR. 0.24 24 HR. 0.31
TOTAL DEPTH 15.06 m	DRILL MACHINE CME-45/buggy	DRILL METHOD Rotary Wash/Mud	HAMMER TYPE 63.5 kg manual
DATE STARTED 8/20/01	COMPLETED 8/21/01	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
58.67													
58.57	0.00	1	1	2									58.67 0.00
57.33	1.34	8	6	7									Sat. Alluvium: Gray, slightly silty CLAY (A-6) with roots
55.78	2.89	10	12	18									Sat. Alluvium: Orange, fine to coarse SAND (A-3) with rounded and angular quartz gravel
54.30	4.37	18	23	32									Sat. Residual: Tan and white, clayey, silty fine SAND (A-2-4) with relict rock fabric
52.73	5.94	27	56	44/9cm									W 53.17 Soft Weathered Rock: Granite
51.23	7.44	19	37	38									W 51.87 Residual: Tan and white, clayey, silty fine SAND (A-2-4) with relict rock fabric
49.71	8.96	46	54/7cm										W 50.17 Soft Weathered Rock: Granite
48.19	10.48	34	34	34									W 49.07 Residual: Tan and white, clayey, silty fine SAND (A-2-4) with relict rock fabric
46.68	11.99												W 47.17 Soft Weathered Rock: Granite
45.15	13.52												
43.63	15.04												

NCDOT BORE SINGLE BORE LOGS/PI NC DOT GDT 10/16/01

No Recovery-Interpreted as Hard Weathered Rock: Granite  
Boring terminated at SPT refusal at 15.06m (Elev: 43.61m) in Hard Weathered Rock: Granite  
Bit used: 7.6cm roller cone  
Drilling Fluid: Water and 1.02g/cm<sup>3</sup>