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

BORING LOG

SHEET NO.	TOTAL SHEETS
29	107

SHEET 1 OF 1

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. B2-A LL	BORING LOCATION 40+09.6	OFFSET 21.9m LT	ALIGNMENT -L-
COLLAR ELEV. 58.81 m	NORTHING 208,495.9	EASTING 652,854.1	0 HR. 0.51
TOTAL DEPTH 15.12 m	DRILL MACHINE CME-45/buggy	DRILL METHOD Rotary Wash/Mud	24 HR. 0.52
DATE STARTED 8/22/01	COMPLETED 8/22/01	SURFACE WATER DEPTH N/A	HAMMER TYPE 63.5 kg manual

ELEV. (m)	DEPTH (m)	BLOW COUNT 15cm	15cm	15cm	BLOWS PER 30 CM	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
58.81									
58.81	0.00	WOH	1	1	2		W		58.81 — 0.00 Alluvium: Brown and gray, slightly sandy CLAY (A-6) with roots and wood fragments
57.51	1.30	2	1	3	4		Sat.		
55.99	2.82	4	4	5	9		Sat.		56.31 — 2.50 Alluvium: Gray, fine to coarse SAND (A-3)
54.49	4.32	8	12	13	25		W		55.41 — 3.40 Residual: Tan, brown, and orange, clayey, silty, fine to coarse SAND (A-2-4) with relict rock fabric
52.91	5.90	13	19	18	37		W		
51.43	7.38	23	38	50	88		W		
49.89	8.92	19	28	36	64		W		
48.39	10.42	30	49	51/14cm	100/29cm				48.81 — 10.00 Soft Weathered Rock: Granite
46.88	11.93	52	48/10cm		100/25cm				
45.33	13.48	46	54/5cm		100/20cm				
43.79	15.02	100/10cm			100/10cm				43.69 — 15.12 Boring terminated at 15.12m (Elev: 43.69m) in Soft Weathered Rock: Granite

Bit used: 7.6cm roller cone

Drilling Fluid: Water and 1.02g/cm^3

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