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

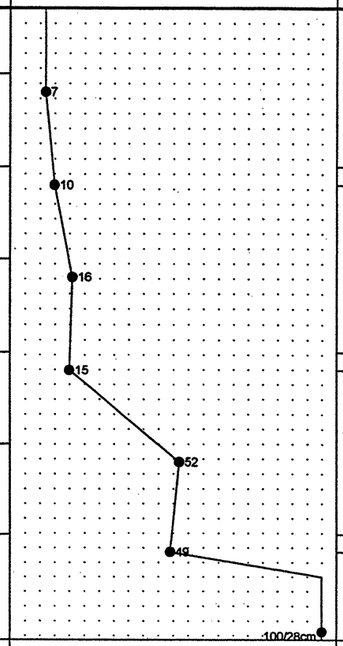
SHEET 1 OF 1

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 LL	BORING LOCATION 41+82.4	OFFSET 23.2m LT	ALIGNMENT -L-	0 HR. 2.46
COLLAR ELEV. 60.82 m	NORTHING 208,436.4	EASTING 653,018.0	24 HR. 1.58
TOTAL DEPTH 10.57 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 15cm	15cm	15cm	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
60.82								
59.73	1.09	4	3	4		M		Alluvium: Brown, silty fine SAND (A-2-4)(not sampled) 0.50
58.19	2.63	3	5	5	SS-39	W		Residual: Tan and orange, micaceous, fine to coarse sandy SILT (A-4) 1.70
56.65	4.17	6	7	9		W		Pushed Shelby Tube at offset location from 1.18m to 1.79m Recovered: 0.61m, bottom of tube sandy
55.11	5.71	5	7	8	SS-40	Sat.		Residual: Tan, orange, white, and pink, micaceous, silty, fine to coarse SAND (A-2-4) with gravel-sized feldspar fragments
53.57	7.25	13	25	27		M		
52.05	8.77	28	26	23	SS-41	M		
50.53	10.29	49	51/13cm					Soft Weathered Rock: Granite 9.50
								Boring terminated at 10.57m (Elev: 50.25m) in Soft Weathered Rock: Granite 10.57

Bit used: HSA

Drilling Fluid: N/A



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

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

SHEET NO.	TOTAL SHEETS
52	107

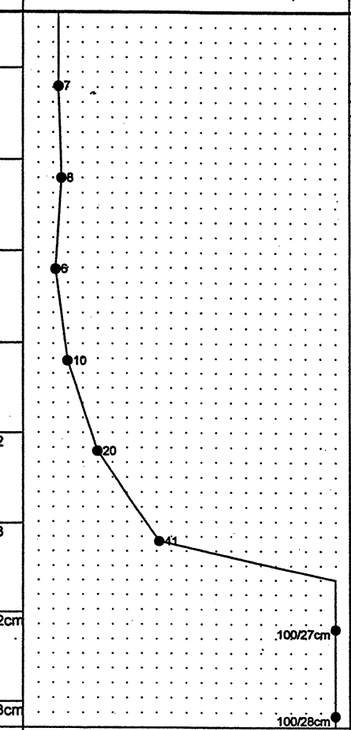
SHEET 1 OF 1

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-B LL	BORING LOCATION 41+92.0	OFFSET 8.0m LT	ALIGNMENT -L-	0 HR. 2.44
COLLAR ELEV. 61.57 m	NORTHING 208,418.7	EASTING 653,021.2	24 HR. 2.23
TOTAL DEPTH 12.00 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 15cm	15cm	15cm	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
61.57								
60.64	0.93	4	3	4	ST-3	M 28.6%		Residual: Orange, micaceous, fine sandy SILT (A-5)
59.12	2.45	3	4	4	ST-4	42.9% W		Pushed Shelby tube (ST-3) at offset location from 0.97m to 1.58m Recovered: 0.61m 2.30
57.60	3.97	4	3	3		Sat.		Pushed Shelby tube (ST-4) at offset location from 1.58m to 2.19m Recovered: 0.61m
56.08	5.49	4	4	6		W		Residual: Orange, brown, and black, micaceous, fine sandy SILT (A-4) with zones of coarse sand-sized rock fragments (feldspar zones) with strong gneiss fabric 6.50
54.56	7.01	7	8	12		W		Residual: Tan, fine sandy SILT (A-4) with relict granite fabric
53.04	8.53	14	18	23		W		
51.52	10.05	19	36	54/12cm				Soft Weathered Rock: Granite 9.50
50.00	11.57	36	49	51/13cm				Boring terminated at 12.00m (Elev: 49.57m) in Soft Weathered Rock: Granite 12.00

Bit used: HSA

Drilling Fluid: N/A



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