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 GEOTECHNICAL • ENVIRONMENTAL • MATERIALS
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N.C.D.O.T. GEOTECHNICAL UNIT
 BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.T311002		ID. R-2552B		COUNTY Johnston		GEOLOGIST D. Carr							
SITE DESCRIPTION Relocation of Bridge #207 on SR 1560 over Little Creek						GROUND WATER (m)							
BORING NO. EB2-B		BORING LOCATION 14+89.77		OFFSET 4.60m Rt.		ALIGNMENT -Y11-REV							
COLLAR ELEV. 59.96 m		NORTHING 206,935.44		EASTING 658,523.85		0 HR. 0.95 24 HR. 0.82							
TOTAL DEPTH 5.66 m		DRILL MACHINE CME 550 Track		DRILL METHOD .826cm ID HSA		HAMMER TYPE Automatic							
DATE STARTED 7/12/01		COMPLETED 7/17/01		SURFACE WATER DEPTH N/A									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
59.96													Ground Surface
	0.00	1	2	1							SS-1 41.0%		59.96m 0.00m
	1.07	WOH	WOH	1							M		58.51m 1.45m
	2.59										M		57.83m 2.13m
	2.59	80	20/4cm								M		57.34m 2.62m
	4.11										M		54.30m 5.66m
	5.64	50/2cm									D		54.30m 5.66m
		50/2cm											

- Notes:
- 1) PP=Pocket Penetrometer
 - 2) Geologist indicates strata change in split spoon at 1.45m.
 - 3) Driller indicates resistance at 2.13m.
 - 4) Wet spoon at 2.59m.
 - 5) Auger refusal at 2.65m (7-12-01) on diabase boulder.
 - 6) Boring re-drilled at 14+88.12, 4.50m Rt. (7-17-01) to confirm auger refusal; driller encountered resistance again at 2.13m, switched gears and lowered RPM's to break through diabase boulder.

NCDOT.GDT 9/24/01
NCDOT_BORE R25F