



FROEHLING & ROBERTSON, INC.
 GEOTECHNICAL • ENVIRONMENTAL • MATERIALS
 ENGINEERS • LABORATORIES
 "OVER ONE HUNDRED YEARS OF SERVICE"

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-A		BORING LOCATION 14+91.13		OFFSET 5.20m Lt.		ALIGNMENT -Y11-REV							
COLLAR ELEV. 59.61 m		NORTHING 206,927.34		EASTING 658,529.53		0 HR. 0.92							
TOTAL DEPTH 7.62 m		DRILL MACHINE CME 550 Track		DRILL METHOD 8.26cm ID HSA		HAMMER TYPE Automatic							
DATE STARTED 7/12/01		COMPLETED 7/12/01		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
59.61	0.00	WOH	WOH	1									Ground Surface
	1.07	2	2	4						SS-2	26.4%		58.29m
	2.59	4	7	11						SS-3	23.7%		57.02m
	4.11	5	11	16						M			55.82m
	5.64	25	65	35/7cm						M			53.82m
	7.16	100/7cm								M			51.99m

Notes:
 1) PP=Pocket Penetrometer
 2) Geologist indicates strata change in split spoon at 1.32m.
 3) Wet spoon at 2.59m.

NCDOT_BORE R25F NCDOT.GDT 9/25/01



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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-C		BORING LOCATION 14+90.80		OFFSET CL		ALIGNMENT -Y11-REV							
COLLAR ELEV. 59.70 m		NORTHING 206,931.37		EASTING 658,526.23		0 HR. 0.81							
TOTAL DEPTH 7.17 m		DRILL MACHINE CME 550 Track		DRILL METHOD 8.26cm ID HSA		HAMMER TYPE Automatic							
DATE STARTED 7/13/01		COMPLETED 7/13/01		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
59.70	0.00	WOH	WOH	1									Ground Surface
	1.07	WOH	WOH	WOH						SS-1	46.7%		57.06m
	2.59	2	5	16						SS-2	31.2%		57.06m
	4.11	13	48	52/7cm						M			55.44m
	5.64	100/6cm								D			52.53m
	7.16	50/1cm								D			52.53m

Notes:
 1) PP=Pocket Penetrometer
 2) Geologist indicates strata change in split spoon at 2.64m.
 3) Shelby tubes taken at the following locations:
 ST-3 Sta. 14+90.8, Centerline, 0.10-0.70m
 ST-4 Sta. 14+90.8, Centerline, 1.00-1.60m
 ST-6 Sta. 14+90.8, 0.46m Rt., 1.00-1.60m
 ST-6A Sta. 14+89.9, 1.0m Rt., 1.00-1.60m

NCDOT_BORE R2552B.GPJ NCDOT.GDT 9/24/01