



2736 ROWLAND ROAD
RALEIGH, NORTH CAROLINA 27615
Phone (919) 871-0800 Fax (919) 871-0803

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

SHEET 1 OF 1

PROJECT NO. 33335.1.1		ID. B-3899		COUNTY ROCKINGHAM		GEOLOGIST C. BRUINSMA								
SITE DESCRIPTION BRIDGE #21 ON SR 1001 (WOOLEN STORE RD.) OVER TROUBLESOME CREEK						GROUND WATER (ft)								
BORING NO. EB2A		BORING LOCATION 24+87		OFFSET 17' LT.		ALIGNMENT -L-								
COLLAR ELEV. 721.3 ft		NORTHING 929,205.6		EASTING 1,770,644.9		0 HR. 0.7								
TOTAL DEPTH 27.2 ft		DRILL MACHINE D-50		DRILL METHOD MUD ROTARY		HAMMER TYPE AUTO								
DATE STARTED 1-06-05		COMPLETED 1-07-05		SURFACE WATER DEPTH N/A										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
721.3					EXISTING GROUND									
720	0.0	1	WOH	1								721.3	ROOTMAT	0.0
	3.5	WOH	WOH	WOH								719.3	ALLUV: RED AND BROWN, V. SOFT, SILTY CLAY (A-7-5)	2.0
	5.5	1	WOH	1								716.3	ALLUV: GRAY, V. SOFT, SANDY SILT (A-4)	5.0
715	8.5	1	WOH	1								713.3	ALLUV: GRAY, V. LOOSE, SILTY SAND (A-2-4)	8.0
	10.5	2	2	11								708.3	RES: BROWN AND WHITE, V. DENSE, SILTY SAND (A-2-5) MICACEOUS, SAPROLITIC	13.0
	13.5	19	30	42								705.8	WR: BROWN AND WHITE, SCHIST	15.5
	18.5	45	55/3											
	23.5	58	42/2											
	27.2	60/0												
												694.1	BORING TERMINATED WITH SPT REFUSAL AT ELEV. 694.1' ON CR: SCHIST	27.2
													DRILLING FLUID PROPERTIES: 63.97 PCF	

NCDOT_BORE_VARIABLE_DEPTH_04-070 BRIDGE 21 ROCKINGHAM.GPJ NCDOT.GDT 2/11/05



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SITE DESCRIPTION BRIDGE #21 ON SR 1001 (WOOLEN STORE RD.) OVER TROUBLESOME CREEK						GROUND WATER (ft)								
BORING NO. EB2B		BORING LOCATION 24+76		OFFSET CL		ALIGNMENT -L-								
COLLAR ELEV. 720.4 ft		NORTHING 929,210.8		EASTING 1,770,664.6		0 HR. 0.0								
TOTAL DEPTH 20.3 ft		DRILL MACHINE D-50		DRILL METHOD MUD ROTARY		HAMMER TYPE AUTO								
DATE STARTED 1-05-05		COMPLETED 1-05-05		SURFACE WATER DEPTH N/A										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
720.4					EXISTING GROUND									
720	0.0	1	1	2								720.4	ROOTMAT	0.0
	3.2	1	WOH	1								718.4	ALLUV: BROWN, SOFT, SILTY CLAY (A-7-5)	2.0
	5.2	WOH	WOH	1								715.4	ALLUV: GRAY, V. LOOSE, SAND (A-3)	5.0
715	8.2	1	1	2								710.4	ALLUV: GRAY, V. LOOSE, SILTY SAND (A-2-4)	10.0
	10.2	4	14	9								707.9	RES: BROWN AND WHITE, DENSE, SILTY SAND (A-2-5)	12.5
	13.2	22	20	21								704.4	WR: BROWN, WHITE AND BLACK, GNEISS	16.0
	18.2	100/4												
	20.2	60/1												
												700.1	BORING TERMINATED WITH SPT REFUSAL AT ELEV. 700.1' ON CR: GNEISS	20.3
													DRILLING FLUID PROPERTIES: 67.98 PCF	

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