



2736 ROWLAND ROAD
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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. B2A		BORING LOCATION 24+50		OFFSET 11' LT.		ALIGNMENT -L-							
COLLAR ELEV. 721.0 ft		NORTHING 929,184.1		EASTING 1,770,675.9		0 HR. 1.8							
TOTAL DEPTH 40.6 ft		DRILL MACHINE D-50		DRILL METHOD MUD ROTARY		HAMMER TYPE AUTO							
DATE STARTED 1-05-05		COMPLETED 1-06-05		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
721.0													EXISTING GROUND
720.0	0.0	1	3	4									720.8 ROOTMAT
715.0	3.3	1	1	1									718.5 ALLUV: BROWN, MED. STIFF, SANDY CLAYEY SILT (A-5) WITH ORGANICS
710.0	8.3	2	2	3									714.5 ALLUV: GRAY, V. LOOSE, SAND (A-3)
705.0	13.3	9	12	14									709.5 ALLUV: GRAY, LOOSE, SAND (A-1-b)
700.0	18.3	14	13	23									709.5 RES: BROWN, BLACK AND WHITE, MED. DENSE TO DENSE, SILTY SAND (A-2-4) MICACEOUS, SAPROLITIC
695.0	23.3	51	49	2									699.8 WR: BROWN AND TAN, GNEISS
690.0	24.0	60	1										696.9 CR: BLACK, GRAY AND WHITE, SLI. WEATHERED TO FRESH, MED. HARD TO V. HARD, V. CLOSE TO MOD. CLOSELY FRACTURED, GARNET-BIOTITE SCHIST INTERLAYERED WITH GNEISS
685.0													680.4 CORING TERMINATED AT ELEV. 680.4' IN CR: BLACK, GRAY AND WHITE, GARNET-BIOTITE SCHIST
													DRILLING FLUID PROPERTIES: 73.37 PCF

CORE BORING REPORT

DATE: 1/06/05

PROJECT: 33335.1.1 I.D. NO.: B-3899 BORING NO: B2A GEOLOGIST: C. BRUINSMA

DESCRIPTION: BRIDGE #21 ON SR 1001 (WOOLEN STORE RD.) OVER TROUBLESOME CREEK

COUNTY: ROCKINGHAM COLLAR ELEV.: 721.0 FT TOTAL DEPTH: 40.6 FT

ELEV. (FT)	DEPTH (FT)	DRILL RATE MIN/FT	RUN (FT)	REC FT %	RQD FT %	SAMP #	FIELD CLASSIFICATION AND REMARKS
696.9	24.1	2:00	1.5	1.5/1.5	0.54/1.5		24.1-40.6 CR: BLACK, GRAY AND WHITE, SLI. WEATHERED TO FRESH, MED. HARD TO V. HARD, V. CLOSE TO MOD. CLOSELY FRACTURED, GARNET-BIOTITE SCHIST INTERLAYERED WITH GNEISS
		1:15/5		100%	36%		
695.4	25.6		5.0	5.0/5.0	4.4/5.0		
695.4	25.6	2:00		100%	88%		
		1:45					
690.4	30.6	3:00	5.0	5.0/5.0	4.0/5.04	RS-2	
690.4	30.6	2:15		100%	80%		
		1:45					
685.4	35.6	2:30	5.0	5.0/5.0	4.8/5.0		
685.4	35.6	1:45		100%	96%		
		1:40					
680.4	40.6	2:30					STRATA REC = 100% STRATA RQD = 83%

CORING TERMINATED AT 40.6 FT
ELEVATION: 680.4 FT

DRILLER: I. CRUZ

CORE SIZE: HQ

EQUIPMENT: D-50 TRACK