

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B1 SHEET 1 OF 1 DATE STARTED: 4/27/99 DATE COMPLETED: 4/27/99							
PROJECT NAME: WESTFORD SITE NAME: BR #2 STATION: I+089.00 GROUND EL.: 173.098		PROJECT NUMBER: TH3-9436 SITE NO.: TH #7 (NOW TH #4) OFFSET: -3.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: MCGLYNN LOGGER: CHABOT ADDITIONAL CREW: YOUNG		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, SiGrSa, W, brn, rec.=0.18m	5	14.2	35.1	41.8	23.1		
		A-2-4, SiSa, M, brn, rec.=0.20m Trace of Organics (wood)	6	25.5	16.4	56.3	27.3		
		RUN#1: BXMDC 3.73m-4.80m rec.=0.46m See Geologist's Report							
		RUN#2: BXMDC 4.80m-6.02m rec.=1.09m See Geologist's Report							
		RUN#3: BXMDC 6.02m-6.66m rec.=0.29m See Geologist's Report							
Hole Stopped @ 6.66m									
GEOLOGISTS REPORT:									
Run #1: Gray, metagraywacke. Moderately hard. Moderately weathered. Poor competency.									
Run #2: Gray, metagraywacke. Moderately hard. Unweathered. Fair competency.									
Run #3: Gray phyllite with quartz veins. Unweathered. Fair competency.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B2 SHEET 1 OF 1 DATE STARTED: 4/23/99 DATE COMPLETED: 4/23/99							
PROJECT NAME: WESTFORD SITE NAME: BR #2 STATION: I+089.00 GROUND EL.: 172.964		PROJECT NUMBER: TH3-9436 SITE NO.: TH #7 (NOW TH #4) OFFSET: 1.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: MCGLYNN LOGGER: CHABOT ADDITIONAL CREW: YOUNG		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, GrSiSa, MTW, brn rec.=0.45m	9	17.8	20.3	53.1	26.6		
		A-1-b, SaGr, W, brn, rec.=0.27m	12	16.5	41	33.8	25.2		
		BXMDC 3.72m-3.92m, Boulders							
		RUN#1: BXMDC 4.17m-5.69m rec.=0.54m See Geologist's Report							
		RUN#2: BXMDC 5.69m-6.63m rec.=0.73m See Geologist's Report							
		RUN#3: BXMDC 6.63m-7.23m rec.=0.60m. See Geologist's Report							
Hole Stopped @ 7.23m									
GEOLOGISTS REPORT:									
Run #1: Gray, metagraywacke with quartz veins. Moderately hard. unweathered. Poor recovery. Drillers reported that drilling breaks were encountered. Poor competency.									
Run #2: Gray, metagraywacke with quartz veins. Moderately hard. unweathered. Competent.									
Run #3: Same as Run #2.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B3 SHEET 1 OF 1 DATE STARTED: 4/28/99 DATE COMPLETED: 4/28/99							
PROJECT NAME: WESTFORD SITE NAME: BR #2 STATION: I+089.00 GROUND EL.: 172.948		PROJECT NUMBER: TH3-9436 SITE NO.: TH #7 (NOW TH #4) OFFSET: 3.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: MCGLYNN LOGGER: CHABOT ADDITIONAL CREW: YOUNG		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-a, SaGr, W, brn, rec.=0.15m	9	17.8	20.3	53.1	26.6		
		No Sample, Boulders	12	16.5	41	33.8	25.2		
		RUN#1: BXMDC 5.18m-5.63m, rec.=0.39m							
		RUN#2: BXMDC 5.63m-6.83m rec.=0.50m. See Geologist's Report							
		RUN#3: BXMDC 6.83m-8.03m rec.=0.70m. See Geologist's Report							
Hole Stopped @ 8.03m									
GEOLOGISTS REPORT:									
Run #1: Gray, metagraywacke. Moderately hard. Unweathered. Competent.									
Run #2: Gray, metagraywacke. Moderately hard. Unweathered. Fair to poor recovery. Fair to poor competency.									
Run #3: Gray, metagraywacke. Moderately hard. Unweathered. Fair competency.									

SHEET NAME: BORING LOG SHEET #1	
PROJECT NAME: WESTFORD	HIGHWAY NO.: TH 4
PROJECT NUMBER: TH2 9436	BRIDGE NO.: 2
	OVER: ROGERS BROOK
FILE NAME: 94J122\Structures\sj122bor.dgn	PLOT DATE: 25-MAR-2005
PROJECT MANAGER: R. R. WHITCOMB	DRAWN BY: C.ALLEN
DESIGNED BY: C. CARLSON	IPARM NAME: sj122br1.f
BRIDGE SHEET NUMBER:	SHEET 17 OF 56