

STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 MATERIALS & RESEARCH DIVISION  
 SUBSURFACE INFORMATION

HOLE NO.: B-3  
 SHEET 1 OF 1  
 DATE STARTED: 3/20/02  
 DATE COMPLETED: 3/21/02

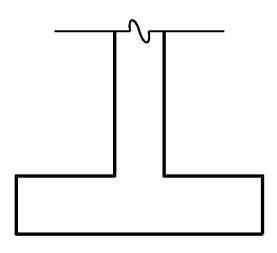
PROJECT NAME: CHITTENDEN  
 SITE NAME: BR 19  
 STATION: 1+054.50  
 GROUND EL.: 494.66

PROJECT NUMBER: STP 1443(45)  
 SITE NO.: TH 23  
 OFFSET: 4.40  
 G.W. DEPTH: 1.65 (03/21/02)

BORING CREW  
 CREW CHIEF: YOUNG  
 DRILLER: YOUNG  
 LOGGER: SOMERS  
 ADDITIONAL CREW:

BORING RIG: LAG TRACK 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-b, SaGr with Broken Rock & Wood, brn, Moist, Rec. = 0.30m	4	19.6	54.9	28.7	16.4		
		BXDC, 2.00m-2.45m, Boulder							
		Tried to sample, Appears to be gravel.	R						
		BXDC, 3.1m-3.7m, Boulder							
		Appears to be gravel, No Rec.							
		A-1-b, SiSaGr with Broken Rock, brn, Moist, Rec. = 0.31m	50	11.2	51.6	24.3	24.1		
5		A-1-b, SiSaGr, gry, Moist, Rec. = 0.10m	R	10.9	47.3	32.6	20.1		
		BXDC, 5.17m-5.77m, Boulders							
		BXDC, 6.27m-6.50m, Cleaned casing							
		A-4, GrSaSi, brn-gry, Moist, Rec. = 0.06m	R	13.8	22.8	34.2	43		
		BXDC, 7.1m-8.0m, Cleaned out casing.							
		A-1-a, SaGr, gry, Moist, Rec. = 0.09m	R	11.8	60.4	29.5	10.1		
		BXDC, 9.25m-9.50m, Cleaned casing							
		A-1-b, GrSa, gry, Moist, Rec. = 0.23m	R	15	39.8	44.4	15.8		
10		Hole stopped @ 9.73m							



490.900  
 BTM. FTG.

GEOLOGISTS REPORT:

STATE OF VERMONT  
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 SUBSURFACE INFORMATION

HOLE NO.: B-4  
 SHEET 1 OF 1  
 DATE STARTED: 3/26/02  
 DATE COMPLETED: 3/28/02

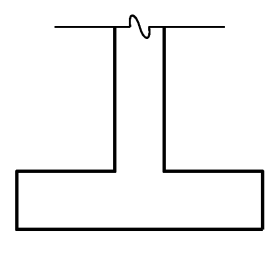
PROJECT NAME: CHITTENDEN  
 SITE NAME: BR 19  
 STATION: 1+076.00  
 GROUND EL.: 494.63

PROJECT NUMBER: STP 1443(45)  
 SITE NO.: TH 23  
 OFFSET: -3.00  
 G.W. DEPTH: NA

BORING CREW  
 CREW CHIEF: YOUNG  
 DRILLER: YOUNG  
 LOGGER: SOMERS  
 ADDITIONAL CREW:

BORING RIG: LAG TRACK 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, brn-gry, Moist, Rec. = 0.24m	39	13.3	62.2	23.3	14.5		
		BXDC, 1.8m-2.0m, Cleaned casing							
		Not enough sample, Appears to be SiSaGr.	19						
		BXDC, 2.7m-3.0m, Cleaned out casing.							
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.25m	22	13.2	31.8	43.3	24.9		
		BXDC, 3.8m-4.3m, Cleaned out casing, No sample at 4.0m because of Boulder.							
5		A-4, GrSaSi, brn, Moist, Rec. = 0.49m	50	15.2	28.7	30.4	40.9		
		BXDC, 6.27m-6.50m, Cleaned casing							
		A-1-b, SiSaGr, brn-gry, Moist, Rec. = 0.28m	R	10.4	52.2	25.2	22.6		
		BXDC, 7.65m-8.00m, Cleaned out casing.							
		A-2-4, SiSaGr, brn-gry, Moist, Rec. = 0.40m	R	10.6	36.1	32.4	31.5		
		A-4, GrSaSi, brn, Moist, Rec. = 0.45m	48	14.5	25.4	37	37.6		
10		Hole stopped @ 9.60m							



490.900  
 BTM. FTG.

GEOLOGISTS REPORT:

BRIDGE 19 BORING LOGS

PROJECT NAME: CHITTENDEN  
 PROJECT NUMBER: STP 1443(45)

FILE NAME: /96J236/str/sj236bor.dgn  
 PROJECT LEADER: C. CARLSON  
 DESIGNED BY: K. UPMAL  
 sj236br1.l

PLOT DATE: 14-AUG-2009  
 DRAWN BY: J. TOUCHETTE  
 CHECKED BY: C. CARLSON  
 SHEET 33 OF 81

