

**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: I+054.50  
GROUND EL.: 494.66

PROJECT NUMBER: TH3 9616  
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. BXDC, 3.1m-3.7m, Boulder	R						
		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							
10		A-1-b, GrSa, gry, Moist, Rec. = 0.23m	R	15	39.8	44.4	15.8		
Hole stopped @ 9.73m									

GEOLOGISTS REPORT:

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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: I+076.00  
GROUND EL.: 494.63

PROJECT NUMBER: TH3 9616  
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								

GEOLOGISTS REPORT: