

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: CAVENDISH SITE NAME: BR 45 STATION: 10+078.00 GROUND EL.: 216.792					PROJECT NUMBER: BRO 1442(23) SITE NO.: TH 29 OFFSET: 8.00 G.W. DEPTH:				
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW:					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
		BXDC, 1.37m-2.13m, Boulders							
		BXDC, 2.13m-2.74m, Boulders							
		BXDC, 2.74m-3.35m, Boulders							
		Run#1: BXMDC, 3.35m-4.87m, Rec. = 0.51m, See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
5		Run#2: BXMDC, 4.87m-6.39m, Rec. = 1.00m, See Geologist's Report.	2	66	50	50			
		Run#3: BXMDC, 6.39m-7.30m, Rec. = 0.16m, See Geologist's Report.	3	18	0	50			
Hole stopped @ 7.30m									
GEOLOGISTS REPORT:									
Run#1: Light gray plagioclase, granodiorite gneiss. Moderately hard, Unweathered, Poor competency.									
Run#2: Same as Run#1, but 0.17m thick black biotite rich zone at 4.95m.									
Run#3: Same as Run#1, Poor competency.									

WINGWALL #4 BOTTOM OF FOOTING  
EL. 213.00

ABUTMENT #2 BOTTOM OF FOOTING  
EL. 213.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: CAVENDISH SITE NAME: BR 45 STATION: 10+074.00 GROUND EL.: 216.311					PROJECT NUMBER: BRO 1442(23) SITE NO.: TH 29 OFFSET: 0.00 G.W. DEPTH: 0.00				
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW:					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
		BXDC, 1.06m-1.37m, Boulder							
		A-1-b, SaGr, brn, MTW, Rec. = 0.05m	R	23.2	57	34.7	8.3		
		BXDC, 1.88m-2.80m, Boulders							
		Top of bedrock @ 3.00 m							
		Run#1: BXMDC, 3.00m-4.01, Rec. = 0.80m, See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
5		Run#2: BXMDC, 4.01m-5.22, Rec. = 0.82m, See Geologist's Report.	2	68	31	—			
		Run#3: BXMDC, 5.22m-6.43, Rec. = 0.76m, See Geologist's Report.	3	63	0	—			
Hole stopped @ 6.43m									
GEOLOGISTS REPORT:									
Run#1: White granitic dike, Very hard, Unweathered.									
Run#2: Same as Run#1, Poor competency.									
Run#3: Same as Run#1, Poor competency.									

WINGWALL #3 BOTTOM OF FOOTING  
EL. 213.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: CAVENDISH SITE NAME: BR 45 STATION: 10+079.00 GROUND EL.: 219.064					PROJECT NUMBER: BRO 1442(23) SITE NO.: TH 29 OFFSET: -6.00 G.W. DEPTH: 4.13				
BORING CREW CREW CHIEF: TALLMAN DRILLER: CHABOT LOGGER: RUSSELL ADDITIONAL CREW:					BORING RIG: TRUCK 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, Gr, brn-gry, Dry, Rec. = 0.06m	R	6.2	81.4	16.3	2.3		
		A-2-4, Sa, brn-gry, MTW, Rec. = 0.23m	2	33.6	3.6	78.8	17.6		
		Top of bedrock @ 3.96 m							
		Run#1: BXMDC, 3.96m-5.48m, Rec. = 1.21m, See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
5		Run#2: BXMDC, 5.48m-6.85m, Rec. = 1.26m, See Geologist's Report.	2	92	92	35			
Hole stopped @ 6.85m									
GEOLOGISTS REPORT:									
Run#1: Light gray plagioclase, garnet, muscovite, granodiorite, gneiss. Moderately hard, Unweathered, Competent.									
Run#2: Same as Run#1, but becoming biotite rich from 6.35m to end of Run. Competent.									

DATUM  
VERTICAL \_\_\_\_\_ NGVD 1927  
HORIZONTAL \_\_\_\_\_ ASSUMED

### STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	CAVENDISH	Bridge No.	45
Highway No.	TH 29	Log Sta.	
		Surv. Sta.	
TH 29 OVER BLACK RIVER			

BORING LOGS (2 OF 2)			
Designed By	VTRANS	Drawn By	VTRANS
Checked By	S. M. HODGDON	Bridge Design Supervisor	C. D. BAKER
Date	5/06	Date	5/06
PROJECT	CAVENDISH	PROJECT NO.	BRO 1442 (23)
I.G.C. Info.			
Bridge Sheet No.	50499B2	Sheet	19 of 47