

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-22 SHEET 1 OF 2 DATE STARTED: 5/25/00 DATE COMPLETED: 5/31/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+250.70 GROUND EL.: 140.531		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: -1.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: HOLT 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
ABUT. NO.2 B.O.F. EL.139.0		No Sample, Stone in end of sampler.	6						
		A-3, Sa, brn, MTW, Rec. = 0.15m	6	22.5	15	76	9		
		A-2-4, GrSiSa, Lt/gry, MTW, Rec. = 0.29m	4	22.4	26.8	39.6	33.6		
	5	A-1-b, GrSa, yel-brn, Moist, Rec. = 0.19m	23	13.1	23.7	57.7	18.6		
		A-1-b, Sa, Lt/gry, MTW, Rec. = 0.07m	13	22.2	13.8	81.2	5		
		A-4, Si, gry, MTW, Rec. = 0.16m	6	32.2	1.8	2.8	95.4		
	10	A-4, Si, gry, MTW, Rec. = 0.42m	8	23.7		7.3	92.7		
		A-4, GrSi, gry, Moist, Rec. = 0.33m	8	19.6	20.9	12.5	66.6		
		BXMDC, 13.40m-14.16m, Boulders Advanced casing to 14.78m							
		Bedrock continued on next page.							
EST. PILE TIP ELEV. 125.60									
GEOLOGISTS REPORT:									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-22 SHEET 2 OF 2 DATE STARTED: 5/25/00 DATE COMPLETED: 5/31/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+250.70 GROUND EL.: 140.531		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: -1.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: HOLT 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
		Continued from sheet 1 Run#1: BXMDC, 14.78m-16.30m, Rec. = 1.37m, See Geologist's Report.	RUN 1	90	90	60			
		Run#2: BXMDC, 16.30m-17.82m, Rec. = 1.32m, See Geologist's Report.	2	87	87	60			
Hole stopped @ 17.82m									
GEOLOGISTS REPORT:									
Run #1: Silver/gray quartz-albite-muscovite schist with numerous quartz veins, Moderately hard, Unweathered, Competent.									
Run #2: Same as Run #1, but no quartz veins, Competent									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-23 SHEET 1 OF 2 DATE STARTED: 5/16/00 DATE COMPLETED: 5/24/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+257.00 GROUND EL.: 138.766		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: 12.00 G.W. DEPTH: 4.10							
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
ABUT. NO.2 B.O.F. EL.139.0		A-3, Sa, brn, MTW, Rec. = 0.13m	7	27.7	0.8	91.6	7.6		
		A-1-b, Sa, brn, Moist, Rec. = 0.29m	8	17.5	7.2	86.2	6.6		
		BXDC, 3.81m-4.41m, Boulder							
	5	No Sample, Boulder							
		A-1-b, GrSa, Lt/gry, Moist, Rec. = 0.33m	29	12.4	40.7	46	13.3		
		A-4, Si, gry, MTW, Rec. = 0.51m	4	25.9		17.4	82.6		
		A-4, Si, gry, MTW, Rec. = 0.55m	4	31.1	0.2	6.3	93.5		
	10	A-4, Si, gry, MTW, Rec. = 0.42m	6	25.5		4.5	95.5		
		A-4, Si, gry, MTW, Rec. = 0.49m	6	28.4	2.1	3.9	94		
		Run#1: BXMDC, 13.26m-14.78m, Rec. = 1.50m, See Geologist's Report.	RUN 1	99	86	60			
	Run#2: Continued on next sheet.	2	99	92	60				
EST. PILE TIP ELEV. 125.60									
GEOLOGISTS REPORT:									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-23 SHEET 2 OF 2 DATE STARTED: 5/16/00 DATE COMPLETED: 5/24/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+257.00 GROUND EL.: 138.766		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: 12.00 G.W. DEPTH: 4.10							
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
		Continued from sheet 1 Run#2: BXMDC, 14.78m-16.30m, Rec. = 1.50m, See Geologist's Report.	RUN 2	99	92	60			
Hole stopped @ 16.30m									
Notes: Water table 4.10m									
GEOLOGISTS REPORT:									
Run #1: Gray quartz-albite-muscovite schist with biotite porphyroblasts and quartz veins, Moderately hard, Unweathered, Competent.									
Run #2: Same as Run #1, Competent									