

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-19 SHEET 1 OF 1 DATE STARTED: 6/12/00 DATE COMPLETED: 6/13/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+227.90 GROUND EL.: 134.983		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: 0.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: DAVIS 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
PIER NO.2 B.O.F. EL.133.0		No Rec.	8						
		BXDC, 2.05m-2.36m, Boulder							
		A-1-b, GrSa, gry, Moist, Rec. = 0.07m	14	14.3	31	57.6	11.4		
5		No Rec.	17						
		Top of bedrock @ 5.33 m							
Run#1: BXMDC, 5.33m-6.85m, Rec. = 1.52m, See Geologist's Report.			RUN	RECY	RODZ	Dip*			
Run#2: BXMDC, 6.85m-8.37m, Rec. = 1.52m, See Geologist's Report.			1	100	100	70			
Run#1: BXMDC, 8.68m-10.20m, Rec. = 1.36m, See Geologist's Report.			2	100	100	70			
Run#2: BXMDC, 10.20-11.72m, Rec. = 1.50m, See Geologist's Report.									
Hole stopped @ 8.37m									
GEOLOGISTS REPORT:									
Run #1: Silver/gray quartz-albite-muscovite schist with some biotite porphyblasts and quartz veins, Moderately hard, Unweathered, Competent.									
Run #2: Same as Run #1, Competent									

PIER NO.2  
B.O.F.  
EL.133.0

PIER NO.2  
B.O.  
DRILLED  
SHAFT  
EL.125.75

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-20 SHEET 1 OF 1 DATE STARTED: 6/8/00 DATE COMPLETED: 6/9/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+230.80 GROUND EL.: 134.832		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: 8.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: DAVIS 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
PIER NO.2 B.O.F. EL.133.0		A-1-b, GrSa, brn, Moist, Rec. = 0.29m	8	14.6	44.6	46.3	9.1		
		A-1-a, SaGr, brn, Moist, Rec. = 0.28m	16	15.4	49.7	41.4	8.9		
5		A-4, Si, gry, MTW, Rec. = 0.33m	7	30.9	1.8	5.9	92.3		
		A-4, Si, gry, MTW, Rec. = 0.21m	16	26.3	4.7	8.4	86.9		
		A-4, SiSa, gry, Moist, Rec. = 0.03m	16	19.6	12.9	45.1	42		
Top of bedrock @ 8.68 m									
Run#1: BXMDC, 8.68m-10.20m, Rec. = 1.36m, See Geologist's Report.			RUN	RECY	RODZ	Dip*			
Run#2: BXMDC, 10.20-11.72m, Rec. = 1.50m, See Geologist's Report.			1	89	89	70			
Run#1: BXMDC, 11.90m-13.42m, Rec. = 1.35m, First 0.15m seamy See Geologist's Report.			2	99	95	70			
Run#2: BXMDC, 13.42m-14.94m, Rec. = 1.50m, See Geologist's Report.									
Hole stopped @ 11.72m									
GEOLOGISTS REPORT:									
Run #1: Silver/gray quartz-albite-muscovite schist with some biotite porphyblasts and quartz veins, Moderately hard, Unweathered, Competent.									
Run #2: Same as Run #1, Competent									

PIER NO.2  
B.O.F.  
EL.133.0

PIER NO.2  
B.O.  
DRILLED  
SHAFT  
EL.125.75

ABUT. NO.2  
B.O.F.  
EL.139.0

EST. PILE  
TIP  
ELEV.  
125.60

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-21 SHEET 1 OF 1 DATE STARTED: 6/11/00 DATE COMPLETED: 6/22/00							
PROJECT NAME: CAMBRIDGE SITE NAME: BR 21 STATION: 10+248.20 GROUND EL.: 138.535		PROJECT NUMBER: BRF 027-1(4) SITE NO.: VT 108 OFFSET: -5.00 G.W. DEPTH: 2.70							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: DAVIS 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 Rec.	9						
		Water Table = 2.70m (6/02/00)							
5		A-2-4, GrSa, brn-gry, Moist, Rec. = 0.30m	17	18.6	31.6	50.7	17.7		
		A-1-a, SaGr, gry, Moist, Rec. = 0.32m	14	12.7	55.8	33.5	10.7		
10		No Rec.	18						
		A-4, Si, gry, MTW, Rec. = 0.29m	8	26.7	9.4	4.9	85.7		
		A-4, GrSi, gry, Moist, Rec. = 0.16m	12	18.9	36.2	5.5	58.3		
Visual Class.: Broken Rock, Rec. = 0.04m			30						
Top of bedrock @ 11.90 m									
Run#1: BXMDC, 11.90m-13.42m, Rec. = 1.35m, First 0.15m seamy See Geologist's Report.			RUN	RECY	RODZ	Dip*			
Run#2: BXMDC, 13.42m-14.94m, Rec. = 1.50m, See Geologist's Report.			1	89	89	40-60			
Run#1: BXMDC, 11.90m-13.42m, Rec. = 1.35m, First 0.15m seamy See Geologist's Report.			2	99	99	60-80			
Run#2: BXMDC, 13.42m-14.94m, Rec. = 1.50m, See Geologist's Report.									
Hole stopped @ 14.94m									
GEOLOGISTS REPORT:									
Run #1: Silver/gray quartz-albite-muscovite schist with some biotite porphyblasts and quartz veins, Moderately hard, Unweathered, Competent.									
Run #2: Same as Run #1, Competent									

PROJECT NAME: CAMBRIDGE  
PROJECT NUMBER: BRF 027-1 (4)

FILE NAME: s78f163bor.dgn  
PROJECT LEADER: M. EVANS-MONGEON  
DESIGNED BY: T. FILLBACH  
BORING LOG 2

PLOT DATE: 05-JUN-2012  
DRAWN BY: R. PELLET  
CHECKED BY: T. FILLBACH  
SHEET 157 OF 214