

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: R-1 SHEET 1 OF 1 DATE STARTED: 6/22/89 DATE COMPLETED:							
PROJECT NAME: MORETOWN SITE NAME: RETAINING WALL STATION: REV.194+93.79 GROUND EL.: 540.20		PROJECT NUMBER: RS0167(9) SITE NO.: OFFSET: 50.78 G.W. DEPTH: 55.8'							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: LOGGER:		BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-4, SaSi, Moist, brn	5	24.6					
10		A-4, SaSi, Moist, brn	9	29					
15		A-4, SaSi, Moist, gry	11	22.2					
20		A-4, SaSi, Moist, gry	15	26					
25		A-4, SaSi, Moist, gry	18	23.1					
30		A-4, SaSi, Moist, gry	12	28.9					
35		A-2-4, SiSa, Moist, gry	45	17.1					
40		A-4, Si, MTW, gry	24	29.5					
45		A-4, SiSa, Moist, gry	28	24.6					
50		A-4, SiSa, Moist, gry	33	23.4					
55		A-1-b, GrSa, Moist, gry	R	13.3					
60		Run 1: AXMDC, 55.8'-60.8', Rec. = 3.5', See Geologist's Report.	1	70	50-70				
65		Run 2: AXMDC, 60.8'-65.8', Rec. = 2.0', See Geologist's Report.	2	40	50-70				
70		Run 3: AXMDC, 65.8'-68.8', Rec. = 3.0', See Geologist's Report.	3	100	50-70				
75		Geologist's Report							
80		Run 1: Core consist of quartz-sericite chlorite schist. The rock contains pyrite and magnetite which weathers to iron oxides. The rock is moderately soft, slightly weathered and competent.							
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90		Run 2: A moderate amount of weathering occurs between 60.8' and 65.8'. The weathering is confined to the quartz-rich zones.							
95		Run 3: Same as Run 1.							

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: R-2 SHEET 1 OF 1 DATE STARTED: 6/26/89 DATE COMPLETED:							
PROJECT NAME: MORETOWN SITE NAME: RETAINING WALL STATION: REV.196+18.85 GROUND EL.: 539.00		PROJECT NUMBER: RS0167(9) SITE NO.: OFFSET: 55.12 G.W. DEPTH: No Groundwater							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: LOGGER:		BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-4, SaGrSi, Moist, brn	15	11.9					
10		A-4, SaGrSi, Moist, gry	22	22.1					
15		A-4, Si, Moist, gry	20	26.3					
20		A-4, SiSa, Moist, brn	19	16.4					
25		Run 1: AXMDC, 22.5'-27.5', Rec. = 2.2', See Geologist's Report.	1	44	50-70				
30		Run 2: AXMDC, 27.5'-32.5', Rec. = 3.8', See Geologist's Report.	2	76	50-70				
35		Geologist's Report							
40		Run 1: Core consist of quartz-sericite-chlorite schist. The rock is moderately soft, slightly weathered and competent overall. Poor core recovery may be due to a weathered quartz-rich zone which could not be recovered. Upper 5.0' of the rock may be poorer quality than indicated by the recovered core.							
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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: R-3 SHEET 1 OF 1 DATE STARTED: 6/27/89 DATE COMPLETED:							
PROJECT NAME: MORETOWN SITE NAME: RETAINING WALL STATION: REV.196+73.89 GROUND EL.: 539.00		PROJECT NUMBER: RS0167(9) SITE NO.: OFFSET: 47.36 G.W. DEPTH: No Groundwater							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: LOGGER:		BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-4, SiSa, Moist, brn	5						
10		A-4, SaSi, Moist, brn	12	23					
15		A-4, SaSi, Moist, brn	14	24.7					
20		A-4, SaSi, Moist, brn	13	29.2					
25		No Rec.	21						
30		Run 1: AXMDC, 29.0'-34.0', Rec. = 2.4', See Geologist's Report.	1	48	40-60				
35		Run 2: AXMDC, 34.0'-39.0', Rec. = 5.0', See Geologist's Report.	2	100	40-60				
40		Geologist's Report							
45		Run 1: Core consists of quartz-sericite-chlorite schist. Poor recovery in the upper 5.0' may indicate an extensive zone of fracturing and weathering. Below this the rock is moderately soft, slightly weathered and competent overall.							
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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: R-4 SHEET 1 OF 1 DATE STARTED: 1/9/98 DATE COMPLETED: 1/13/98							
PROJECT NAME: MORETOWN SITE NAME: RETAINING WALL STATION: REV.194+43.76 GROUND EL.: 518.45		PROJECT NUMBER: RS0167(9) SITE NO.: OFFSET: 23.05 G.W. DEPTH: NO GROUNDWATER							
BORING CREW CREW CHIEF: E. WILLIS DRILLER: R. TALLMAN LOGGER: E. CHABOT		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-4, SaSi, M, brn, rec. = 1.1'	5	28.4		28.2	71.8		
10		A-4, SaSi, M, brn, rec. = 1.5'	13	32.7		23.1	76.9		
15		A-1-b, GrSa, M, brn, rec. = 1.5'	33	14.1	21.4	62.6	16		
20		A-4, SaSi, M, brn, rec. = 1.1'	23	27	1	20.4	78.6		
25		A-4, SiSa, M, brn, rec. = 1.2'	15	23.5		55.2	44.8		
30		A-4, SaSi, M, brn, rec. = 1.5'	11	30.3	4.5	23.8	71.7		
35		Run #1: BXMDC 33.5'-34.5', rec. = 0.3' - See Geologist's Report	1	30	0	70			
40		Run #2: BXMDC 34.5'-39.5', rec. = 4.2' - See Geologist's Report	2	84	72	70			
45		Run #3: BXMDC 39.5'-44.5', rec. = 4.7' - See Geologist's Report	3	94	90	70			
50		Hole stopped @ 44.5' in bedrock.							
55		Note: Monitoring Well set to 25'; 20' Screen 5' Solid							
60		Note: 02/13/98 - No water in monitoring well							
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80		Geologist's Report:							
85		Run 1: Core consists of green quartz-chlorite schist with quartz veins. Very hard. Poor RQD.							
90		Run 2: Core consists of green quartz-chlorite schist with quartz veins. Hard. Unweathered. Competent							
95		Run 3: Core consists of dark green quartz-chlorite schist with minor quartz veins. Hard. Unweathered. Moderately weathered zones along foliation at 40' and 44.7'. Competent							

BORING LOGS (1)

PROJECT NAME: MORETOWN	PROJECT NUMBER: STP EGC RSEGC 0167 (9)
FILE NAME: \78el32\Structures\sel32b02.1	PLOT DATE: 12-MAY-2000
PROJECT LEADER: R.R. WHITCOMB	DRAWN BY: G. ROY
DESIGNED BY: C. ALLEN	CHECKED BY: C. ALLEN
BRIDGE SHEET BR310	SHEET 143B OF 243