

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: READING SITE NAME: TH 8, CL.3 STATION: 13+16.00 GROUND EL.: 969.50					PROJECT NUMBER: BRZ 1444(23) SITE NO.: BRIDGE B25 OFFSET: -15.00 G.W. DEPTH:				
BORING CREW CREW CHIEF: RABTOY C DRILLER: WARREN 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
0-5		No sample. Boulders.							
10		A-1-a, SaGr, Moist, brn, Rec. = 0.3	R	10.7	54.5	34.2	11.3	0	0
10-11		Run #1, BXMDC 11.0-16.0, Rec. = 3.3. See Geologist's report							
11		Top of bedrock at 11.0							
15		Run #2, BXMDC 16.0-21.0, Rec. = 5.0. See Geologist's report							
20		Hole stopped at 21.0 in bedrock							
25		Geologist's Report							
25		Run Rec.% Rqd.% 1 66 0 2 100 80							
30		Run #1: Core consists of a light gray pyritiferous quartz mica schist. Rock is slightly weathered in upper sections and is moderately hard. Low ROD is due to mechanical breakage during drilling. Rock appears competent overall.							
35		Run #2: Same as above.							

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: READING SITE NAME: TH 8, CL.3 STATION: 13+16.00 GROUND EL.: 975.38					PROJECT NUMBER: BRZ 1444(23) SITE NO.: BRIDGE B25 OFFSET: 15.00 G.W. DEPTH:				
BORING CREW CREW CHIEF: RABTOY C DRILLER: WARREN 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
0-5		No sample	2						
10		A-1-b, SaGr, Moist, brn, Rec. = 0.8	21	10.8	47.7	42.2	10.1	0	0
10-12		Run #1, BXMDC 12.0-17.0, Rec. = 4.8. See Geologist's report							
12		Top of bedrock at 12.0							
15		Run #2, BXMDC 17.0-22.0, Rec. = 5.0. See Geologist's report							
20		Hole stopped at 22.0							
25		Geologist's Report							
25		Run Rec.% Rqd.% 1 96 15 2 100 42							
30		Run #1: Core consists of a gray calcareous quartz mica schist grading in places to a gray micaceous quartzite. Rock is very slightly weathered along a few nearly horizontal joints. Rock is moderately hard.							
35		Low RODs are due to mechanical breakage during drilling and should not affect the overall competence of the rock.							
40		Run #2: Same as above.							

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: READING SITE NAME: TH 8, CL.3 STATION: 12+04.00 GROUND EL.: 964.83					PROJECT NUMBER: BRZ 1444(23) SITE NO.: BRIDGE B25 OFFSET: -15.00 G.W. DEPTH:				
BORING CREW CREW CHIEF: RABTOY C DRILLER: WARREN 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
0-3.5		Top of bedrock at 3.5							
5		Run #1, BXMDC 3.5-8.5, Rec. = 3.3. See Geologist's report							
10		Geologist's Report							
10		Run Rec.% Rqd.% 1 66 0							
15		Run #1: Core consists of a rusty weathering calcareous gray quartz mica schist grading in places to a micaceous quartzite. Rock is slightly weathered and moderately hard. Contains occasional lenses of quartz.							
20		Low ROD due to mechanical breakage during drilling. Rock appears competent overall.							
25		Hole stopped at 8.5							

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: READING SITE NAME: TH 8, CL.3 STATION: 12+37.00 GROUND EL.: 973.15					PROJECT NUMBER: BRZ 1444(23) SITE NO.: BRIDGE B25 OFFSET: 15.00 G.W. DEPTH:				
BORING CREW CREW CHIEF: RABTOY C DRILLER: WARREN 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
0-0.5		A-1-b, SaGr, Dry, brn, Rec. = 0.5							
5		Run #1, BXMDC 7.5-12.5, Rec. = 4.0. See Geologist's report	77	1.4	58.5	32.7	9.9	0	0
7.5		Top of bedrock at 7.5							
10		Geologist's Report							
15		Run Rec.% Rqd.% 1 80 8							
20		Run #1: Core consists of a rusty weathering calcareous gray quartz mica schist. Rock is slightly weathered and moderately hard.							
25		Low ROD is due to mechanical breakage due to drilling. Rock appears competent overall.							
30		Hole stopped at 12.5							

All distances are in feet

SURVEYED BY	Wei Y. Wu	DATE	12/95
DRAWN BY	Chris Benda	DATE	12/95
SQUAD LEADER			
DESIGN FILE NO.	/s/tr4/90j058/sj058bor.dgn		
IPARM FILE	sj058b12.i	DATE PLOTTED	12/13/95
PROJ. NAME	READING		
PROJ. NO.	BRZ 1444(23)		
SHEET #	49	OF	49 SHEETS