



STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
MATERIALS & RESEARCH SECTION  
SUBSURFACE INFORMATION

BORING NUMBER: B-05  
SHEET 1 of 1  
DATE STARTED: 7/18/03  
DATE COMPLETED: 7/24/03

PROJECT NAME: BARTON (ORLEANS)  
SITE NAME: BR 61  
STATION: 7+13.00  
OFFSET: -20.00

PROJECT NUMBER: BRO 1449 (29)  
SITE NUMBER: TH 3  
GROUND ELEVATION: 737.31 ft  
GROUNDWATER DEPTH:

BORING CREW  
CREW CHIEF: TALLMAN  
DRILLER: TALLMAN  
LOGGER: RUSSELL

BORING RIG: SMALL SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT				
			RUN	M.C. (%) REC (%)	GRAVEL (%) ROD (%)	SAND (%) Dip (deg)	FINES (%) Drill Rate (ft/min)
5		A-1-b, SaGr, brn, Moist, Rec. = 0.25 ft	2	12.2	47.9	43.8	8.3
10		No sample, Boulders, 9.0 ft - 18.0 ft					
18.0		Top of Bedrock @ 18.0 ft					
20		Gray, Phyllitic Slate, grading to light gray Meta-Limestone, Competent, Moderately soft, Unweathered, NXMDC, 18.0 ft - 23.0 ft, Rec. = 5.0 ft	1	100	95	75	
23.0		Top of Bedrock @ 18.0 ft					
25		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 23.0 ft - 26.7 ft, Rec. = 5.0 ft	2	100	94	45	
26.7		Top of Bedrock @ 18.0 ft					
28.0		Gray, Phyllite, with quartz veins, Competent, Moderately hard to moderately soft, Unweathered, 26.7 ft - 28.0 ft					
28.0		Hole stopped @ 28.0 ft					

ABUTMENT 2 BOTTOM  
OF FOOTING  
EL. 719.50'

LOC. OF BORING: BARTON(ORLEANS).CPJ\_VT\_A01.L00T\_10/28/03



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SUBSURFACE INFORMATION

BORING NUMBER: B-06  
SHEET 1 of 1  
DATE STARTED: 7/15/03  
DATE COMPLETED: 7/17/03

PROJECT NAME: BARTON (ORLEANS)  
SITE NAME: BR 61  
STATION: 7+17.00  
OFFSET: 16.00

PROJECT NUMBER: BRO 1449 (29)  
SITE NUMBER: TH 3  
GROUND ELEVATION: 738.99 ft  
GROUNDWATER DEPTH:

BORING CREW  
CREW CHIEF: TALLMAN  
DRILLER: TALLMAN  
LOGGER: RUSSELL

BORING RIG: SMALL SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT				
			RUN	M.C. (%) REC (%)	GRAVEL (%) ROD (%)	SAND (%) Dip (deg)	FINES (%) Drill Rate (ft/min)
5		A-1-b, SiSa, brn, Moist, Rec. = 0.9 ft	14		19.1	58.9	22.0
10		A-4, SiSa, gry, Moist, Rec. = 1.5 ft	5		10.9	47.6	41.5
14.0		Top of Bedrock @ 14.0 ft					
15		Light gray, Meta-Limestone, Poor recovery, Poor ROD, Moderately hard, NXMDC, 14.0 ft - 19.0 ft, Rec. = 1.0 ft	1	20	12		
19.0		Top of Bedrock @ 14.0 ft					
20		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 19.0 ft - 24.0 ft, Rec. = 4.8 ft	2	96	88		
24.0		Top of Bedrock @ 14.0 ft					
25		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 24.0 ft - 28.0 ft, Rec. = 4.0 ft	3	100	98		
28.0		Hole stopped @ 28.0 ft					

ABUTMENT 2 BOTTOM  
OF FOOTING  
EL. 719.50'

LOC. OF BORING: BARTON(ORLEANS).CPJ\_VT\_A01.L00T\_10/28/03

### BORING LOGS #3

PROJECT NAME: BARTON	PLOT DATE: 02-APR-2007
PROJECT NUMBER: BRO 1449(29)	DRAWN BY: P. BEYOR
FILE NAME: /str5/01j168/sj168bor.dgn	CHECKED BY: T. SUMNER
PROJECT LEADER: W. SYMONDS	SHEET 34 OF 84
DESIGNED BY: J. REED	
sj168log3.i	