



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

BORING NUMBER: B-01
SHEET 1 of 1
DATE STARTED: 6/20/03
DATE COMPLETED: 6/23/03

PROJECT NAME: BARTON (ORLEANS)
SITE NAME: BR 61
STATION: 6+02.00
OFFSET: -23.00

PROJECT NUMBER: BRO 1449 (29)
SITE NUMBER: TH 3
GROUND ELEVATION: 739.13 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	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (ft/min)
0.0		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	3	17.3	27.5	52.8	19.7
0.8		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft	3	15.7	8.9	69.7	21.4
0.4		A-1-b, SiSaGr, brn, Moist, Rec. = 0.4 ft	3	16.9	41.5	34.8	23.7
		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 5.75 ft - 10.75 ft, Rec. = 4.75 ft	1	95	88	50	
		ABUTMENT 1 BOTTOM OF FOOTING EL. 732.00					
		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 10.75 ft - 15.75 ft, Rec. = 5.0 ft	2	100	100	50	
		Hole stopped @ 15.75 ft					

LOG OF BORING - BARTON(ORLEANS).DGN - VT - AOT.GDT - 10/28/03



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

BORING NUMBER: B-02
SHEET 1 of 1
DATE STARTED: 7/30/03
DATE COMPLETED: 7/30/03

PROJECT NAME: BARTON (ORLEANS)
SITE NAME: BR 61
STATION: 6+03.00
OFFSET: -3.00

PROJECT NUMBER: BRO 1449 (29)
SITE NUMBER: TH 3
GROUND ELEVATION: 743.78 ft
GROUNDWATER DEPTH:

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

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

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (ft/min)
0.0		0.0 ft - 0.35 ft, Asphalt					
4.0		4.0 ft - 5.0 ft, NXGDC, Broken Rock & Concrete, Cleaned out casing.					
0.8		A-1-b, GrSa, gry, Moist, Rec. = 0.8 ft	14	11.6	31.2	54.4	14.4
0.9		A-2-4, Sa, brn, Moist, Rec. = 0.9 ft		9.3	1.1	80.8	18.1
		Gray, Phyllite, Poor ROD, Moderately soft, Moderately weathered, NXMDC, 10.0 ft - 14.0 ft, Rec. = 2.9 ft	1	73	0	35	
		Top of Bedrock @ 10.0 ft					
		Light gray, Meta-Limestone, with 0.6" thick quartz vein, Fair competency, Moderately to very hard, Unweathered, NXMDC, 14.0 ft - 16.0 ft, Rec. = 1.6 ft	2	80	40		
		Light gray, Meta-Limestone, grading to phyllite, Fair competency, Moderately hard to moderately soft, Moderately weathered, NXMDC, 16.0 ft - 20.0 ft, Rec. = 3.6 ft	3	90	30		
		ABUTMENT 1 BOTTOM OF FOOTING EL. 724.00'					
		Hole stopped @ 20.0 ft					

LOG OF BORING - BARTON(ORLEANS).DGN - VT - AOT.GDT - 10/28/03

BORING LOGS #1

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 32 OF 84
DESIGNED BY: J. REED	
sj168log.1	