



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

BORING NUMBER: B-03
SHEET 1 of 1
DATE STARTED: 6/30/03
DATE COMPLETED: 7/03/03

PROJECT NAME: BARTON (ORLEANS)
SITE NAME: BR 61
STATION: 6+07.00
OFFSET: 15.00

PROJECT NUMBER: BRO 1449 (29)
SITE NUMBER: TH 3
GROUND ELEVATION: 739.08 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)	
5		BXDC, Cleaned out casing, 4.5 ft - 5.0 ft A-3, Sa with Trace of Organics, gry, Moist, Rec. = 0.4 ft, Sample tested 2.2% Organic	2	25.1	6.2	87.4	6.4	
10		A-2-4, GrSa, gry, Moist, Rec. = 0.9 ft, Sample had a strong creosote odor. NXMDC, Broke through granite Boulder, 12.5 ft - 13.75 ft	11	10.7	29.0	58.9	12.1	
15		Light gray, Meta-Limestone, Slight weathering along joint surfaces, Competent, Moderately hard, NXMDC, 14.8 ft - 19.8 ft, Rec. = 4.9 ft	1	98	78	50		
20		Light gray, Meta-Limestone, Slight weathering along joint surfaces, Competent, Moderately hard, NXMDC, 19.8 ft - 24.8 ft, Rec. = 4.3 ft	2	86	86	50		
25		Hole stopped @ 24.8 ft						

ABUTMENT 1 BOTTOM
OF FOOTING
EL. 724.00'

LOG OF BORING - BARTON(ORLEANS).GPJ - VT_A07.GDT - 10/28/03



STATE OF VERMONT
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MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-04
SHEET 1 of 1
DATE STARTED: 7/08/03
DATE COMPLETED: 7/10/03

PROJECT NAME: BARTON (ORLEANS)
SITE NAME: BR 61
STATION: 5+76.00
OFFSET: 15.00

PROJECT NUMBER: BRO 1449 (29)
SITE NUMBER: TH 3
GROUND ELEVATION: 739.21 ft
GROUNDWATER DEPTH:

BORING CREW
CREW CHIEF: RUSSELL
DRILLER: RUSSELL
LOGGER: GARROW

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)	
5		A-1-b, SigSa, gry, Moist, Rec. = 1.0 ft	9	25.8	27.0	51.7	21.3	
10		Visual Class: Broken Weathered Rock, gry, Moist, Rec. = 1.1 ft, 10.0 ft - 12.0 ft	39	23.6				
15		Light gray, Meta-Limestone, with phyllite and quartz veins, Competent, Moderately soft to very hard, Slightly weathered, NXMDC, 13.0 ft - 16.75 ft, Rec. = 3.5 ft	1	93	66	30		
20		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 16.75 ft - 21.75 ft, Rec. = 5.0 ft	2	100	74	35		
25		Light gray, Meta-Limestone, Competent, Moderately hard, Unweathered, NXMDC, 21.75 ft - 25.25 ft, Rec. = 3.5 ft	3	100	88	35		
25		Hole stopped @ 25.25 ft						

ABUTMENT 1 BOTTOM
OF FOOTING
EL. 724.00'

LOG OF BORING - BARTON(ORLEANS).GPJ - VT_A07.GDT - 10/28/03

BORING LOGS #2

PROJECT NAME: BARTON	PLOT DATE: 02-APR-2007
PROJECT NUMBER: BRO 1449(29)	DRAWN BY: P. BEYOR
FILE NAME: /str5/01j68/sj68bor.dgn	CHECKED BY: T. SUMNER
PROJECT LEADER: W. SYMONDS	SHEET 33 OF 84
DESIGNED BY: J. REED	
sj68log2.i	