

**STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**

HOLE NO.: B-10
SHEET 1 OF 1
DATE STARTED: 11/15/99
DATE COMPLETED: 11/16/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: 1+334.30
GROUND EL.: 302.723

PROJECT NUMBER: STP 013581S
SITE NO.: US R1.5
OFFSET: 5.80
G.W. DEPTH:

BORING RIG: TRACTOR
CREW CHIEF: R. MCGLYNN
BORING TYPE: WASH BORE
DRILLER: E. CHABOT
LOGGER: R. YOUNG
SAMPLE TYPE: SPLIT BARREL
ADDITIONAL CREW:

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No sample, Boulders							
		A-4, SaSi, dk/brn, Moist, rec. = 0.26m	R	18.4	1.8	34.8	63.4		
5		A-4, SiSa, brn, Moist, rec. = 0.45m	R	17.4	2.8	54.8	42.4		
		No sample, Boulders							
		A-2-4, GrSiSa, brn, Moist, rec. = 0.17m	R	11.2	25.1	48.5	26.4		
		A-1-b, GrSa, brn, Dry rec. = 0.25m	87	9.8	32.5	58.4	9.1		
		Top of Bedrock at 10.00m							
10		RUN#1: BXDC, 10.00m-10.60m, Rec. = 0.51m, See Geol. Report							
		RUN#2: BXDC, 10.60m-12.10m, Rec. = 1.37m, See Geologist's Report.							
		Run #3: BXDC, 12.10m-13.00m, Rec. = 0.83m, See Geologist's Report.							
		Hole Stopped at 13.00m							

GEOLOGISTS REPORT:

RUN#1: Granite. Very Hard. Unweathered. Competent.

RUN#2: Same as RUN #1, Competent.

RUN#3: Same as RUN #1, Competent.

**STATE OF VERMONT
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SUBSURFACE INFORMATION**

HOLE NO.: B-11
SHEET 1 OF 1
DATE STARTED: 11/22/99
DATE COMPLETED: 11/23/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: 1+347.70
GROUND EL.: 302.851

PROJECT NUMBER: STP 013581S
SITE NO.: US R1.5
OFFSET: 3.00
G.W. DEPTH:

BORING RIG: TRACTOR
CREW CHIEF: R. MCGLYNN
BORING TYPE: WASH BORE
DRILLER: E. CHABOT
LOGGER: R. YOUNG
SAMPLE TYPE: SPLIT BARREL
ADDITIONAL CREW:

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No sample, Boulders							
		A-4, SiSa, brn, Moist, rec.=0.35m	R	18.5	5.1	52.5	42.4		
5		A-2-4, Sa, brn, Moist rec. = 0.30m	R	12.7	1.4	83.5	15.1		
		A-2-4, SiSa, brn, Moist, rec. = 0.19m	R	13.9	9.9	55.1	35		
		A-1-b, GrSa, brn, Moist, rec. = 0.26m	92	10.4	29.5	58.5	12		
		No Recovery	R						
		Top of Bedrock at 10.30m							
10		Run #1: BXDC, 10.30m-11.52m, Rec. = 0.94m, See Geologist's Report.							
		Run #2: BXDC, 11.52m-13.06m, Rec. = 1.54m, See Geologist's Report.							
		Run #3: BXDC, 13.06m-13.66m, Rec. = 0.59m, See Geologist's Report.							
		Hole Stopped at 13.66m							

GEOLOGISTS REPORT:

RUN#1: Granite. Very Hard. Unweathered. Competent.

RUN#2: Same as RUN #1, Competent.

RUN#3: Same as RUN #1, Competent.

**STATE OF VERMONT
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HOLE NO.: B-12
SHEET 1 OF 1
DATE STARTED: 11/17/99
DATE COMPLETED: 11/18/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: 1+357.80
GROUND EL.: 303.004

PROJECT NUMBER: STP 013581S
SITE NO.: US R1.5
OFFSET: 5.80
G.W. DEPTH:

BORING RIG: TRACTOR
CREW CHIEF: R. MCGLYNN
BORING TYPE: WASH BORE
DRILLER: E. CHABOT
LOGGER: R. YOUNG
SAMPLE TYPE: SPLIT BARREL
ADDITIONAL CREW:

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No sample, Boulders							
		A-2-4, SiSa, brn, Moist, rec.=0.35m	63	13	12.3	56.9	30.8		
5		A-2-4, SiSa, brn, Moist, rec. = 0.41m	70	14	7.9	58	34.1		
		A-2-4, SiSa, brn, Moist, rec. = 0.40m	65	15.4	3.8	68.8	27.4		
		A-1-b, GrSa, brn, Dry, rec.=0.28m	R	9.7	30.1	56.6	13.3		
		A-2-4, SiSa, brn, Moist, rec.=0.32m	R	12.1	18	52.4	29.6		
		Top of Bedrock at 10.10m							
10		RUN#1: BXDC, 10.10m-10.91m, Rec. = 0.66m, See Geologist's Report.							
		RUN#2: BXDC, 10.91m-12.43m, Rec. = 1.47m, See Geologist's Report.							
		RUN#3: BXDC, 12.43m-13.33m, Rec. = 0.87m, See Geologist's Report.							
		Hole Stopped at 13.33m							

GEOLOGISTS REPORT:

RUN#1: Granite. Very Hard. Unweathered. Competent.

RUN#2: Same as RUN #1, Competent.

RUN#3: Same as RUN #1, Competent.

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HOLE NO.: B-13
SHEET 1 OF 1
DATE STARTED: 11/18/99
DATE COMPLETED: 11/19/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: 1+380.00
GROUND EL.: 300.355

PROJECT NUMBER: STP 013581S
SITE NO.: US R1.5
OFFSET: -2.00
G.W. DEPTH:

BORING RIG: TRACTOR
CREW CHIEF: R. MCGLYNN
BORING TYPE: WASH BORE
DRILLER: E. CHABOT
LOGGER: R. YOUNG
SAMPLE TYPE: SPLIT BARREL
ADDITIONAL CREW:

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No sample, Boulders							
		A-2-4, SiGrSa, brn, Moist, rec.=0.33m	80	10.7	25.3	49.7	25		
		Top of Bedrock at 3.65m							
		RUN#1: BXDC, 3.65m-4.25m, Rec. = 0.57m, See Geol. Report							
		RUN#2: BXDC, 4.25m-5.75m, Rec. = 1.36m, See Geologist's Report.							
		RUN#3: BXDC, 5.75m-7.12m, Rec. = 1.47m, See Geologist's Report.							
		Hole Stopped at 7.12m							

GEOLOGISTS REPORT:

RUN#1: Granite. Very Hard. Unweathered. Competent.

RUN#2: Same as RUN #1, Competent.

RUN#3: Same as RUN #1, Competent.

PROJECT: BARTON PROJECT NO.: STP 0113-58 (S)

DESIGN FILE NAME: /matres/96c116/mc116bor.dgn PLOT DATE:

DATE: 04/06/00 DRAWN BY: CHAD A. ALLEN

SQUAD LEADER: CHRISTOPHER C. BENDA SHEET: 34 OF 120

