

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

HOLE NO.: B-01
SHEET 1 OF 1
DATE STARTED: 1/12/00
DATE COMPLETED: 1/13/00

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+251.30
GROUND EL.: 298.95

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: -5.80
G.W. DEPTH: 4.4 m

BORING CREW
CREW CHIEF: R. TALLMAN
DRILLER: R. YOUNG
LOGGER: K. RUSSELL
ADDITIONAL CREW:

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
	XXXX	No Recovery, Boulders							
		A-2-4, Sa, brn, Moist, rec. = 0.25m.	R	12.9	11.7	73.6	14.7		
5		A-4, SaSi, gry, Moist, rec. = 0.18m.	R	14.8	8.1	42.9	49		
		A-4, SiSa, brn-gry, Moist, rec. = 0.16	R	14.3	4.4	53.1	42.5		
		A-4, GrSaSi, gry, Moist rec. = 0.10m.	R	12.3	20.4	38.3	41.3		
		No Sample, Boulders							
10				Top of Bedrock at 10.48m					
			RUN	REC%	RQD%	DIP°			
		RUN#1: BXMDC 10.48m-11.08m rec. = 0.60m See Geol. Report	1	100	0	-			
		RUN#2: BXMDC 11.08-12.60m rec. = 1.52m, See Geologist's Report	2	100	100	-			
		RUN#3: BXMDC 12.60-13.52m rec. = 0.80m, See Geologist's Report	3	87	80	-			
		Hole stopped at 13.52m							

GEOLOGISTS REPORT:

Run #1: Granite, Very hard, Unweathered.
Very closely spaced jointing.
Joints surfaces are unstained.
Breakage may be caused by drilling.

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

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

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









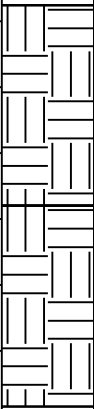
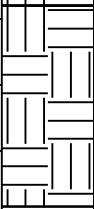
HOLE NO.: B-02
SHEET 1 OF 1
DATE STARTED: 1/9/00
DATE COMPLETED: 1/11/00

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+260.30
GROUND EL.: 300.57

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: 0.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. TALLMAN
DRILLER: R. YOUNG
LOGGER: K. RUSSELL
ADDITIONAL CREW:

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, SiGrSa, brn, Moist rec. = 0.20m	9	15.2	26.2	52.9	20.9		
		A-1-b, SaGr, brn, Moist rec. = 0.18m	19	13.4	42.7	40.8	16.5		
5		A-2-4, SiSa, brn, Moist, rec. = 0.40m	58	13.9	1.4	69.4	29.2		
		A-4, SiSa, brn-gry, Moist, rec. = 0.30m	R	16.5	0.6	51	48.4		
		A-4, SiSa, brn-gry, Moist, rec. = 0.24m	R	13.7	1.8	57.6	40.6		
		A-4, SiSa, gry, Moist, rec. = 0.15m	R	14.6	3.2	51.1	45.7		
10									
		A-4, SiSa, gry, Moist, rec. = 0.15m	R	13.9	3.5	51.7	44.8		
		BXDC 11.00m-11.65m, Boulders							
		RUN#1: BXMDC 11.88-13.40m rec. = 1.33m, Seam at 12.63-12.70m See Geologist's Report		RUN	REC%	RQD%	DIP°		
				1	88	80	-		
		RUN#2: BXMDC 13.40-14.92m rec. = 1.52m, See Geologist's Report.		2	100	100	-		
Hole stopped at 14.92m									

GEOLOGISTS REPORT:

Run #1: Granite, Very hard, Unweathered, Competent.

Run #2: Granite, Very hard, Unweathered, Competent.

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








HOLE NO.: B-07
SHEET 1 OF 1
DATE STARTED: 11/24/99
DATE COMPLETED: 11/24/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: 1+312.10
GROUND EL.: 297.70

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: 5.80
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, SiSa, brn, MTW rec. = 0.22m	5	20.6	9.6	62.3	28.1		
		A-4, SiSa, brn, MTW, rec.=0.52m	4	25.5	1.7	50.4	47.9		
5		A-2-4, SiSa, brn, Moist, rec. = 0.39m	24	16.9	4.8	62	33.2		
		A-2-4, GrSiSa, brn, Moist, rec. = 0.27m	80	13.1	24.8	40.5	34.7		
		Top of Bedrock at 7.10m							
				RUN	REC%	RQD%	DIP°		
		Run #1: BXDC, 7.10m-7.70m, Rec. = 0.35m, See Geol. Report		1	58	58	--		
		Run #2: BXDC, 7.70m-9.05m, Rec. = 1.30m, See Geologist's Report.		2	96	96	--		
10		Run #3: BXDC, 9.05m-10.57m, Rec. = 1.52m, See Geologist's Report.		3	100	100	--		
		Hole stopped at 10.57m							

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
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**







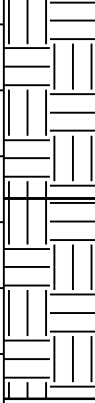
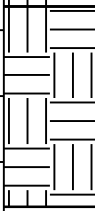
HOLE NO.: B-09
SHEET 1 OF 1
DATE STARTED: 12/2/99
DATE COMPLETED: 12/2/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: 1+323.10
GROUND EL.: 301.037

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: -5.80
G.W. DEPTH: 7.7

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Description)</i>	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No sample, Boulders							
		A-2-4, SiSa, brn, Moist, rec. = 0.35m	76	11.9	9.5	62.2	28.3		
		No Rec.	R						
5		A-4, GrSaSi, brn, Moist, rec. = 0.37m	62	15.6	23.8	31.2	45		
		A-2-4, SiGrSa, brn, Moist, rec. = 0.04m	R	10.1	29.3	47.3	23.4		
		Top of Bedrock at 7.80m							
		Run #1: BXDC, 7.80m-9.32m, rec. = 1.30m, See Geologist's Report.		RUN	REC%	RQD%	DIP°		
				1	89	89	--		
10		Run #2: BXDC, 9.32m-10.84m, rec. = 1.36m, See Geologist's Report.		2	86	86	--		
		Hole stopped at 10.84m							

GEOLOGISTS REPORT:

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

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

**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 0113(58)S
SITE NO.: US Rt.5
OFFSET: 5.80
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

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		
10				Top of Bedrock at 10.00m					
		RUN#1: BXMDC, 10.00m-10.60m, Rec. = 0.51m, See Geol. Report		RUN	REC%	RQD%	DIP°		
				1	85	85	--		
		RUN#2: BXMDC, 10.60m-12.10m, Rec. = 1.37m, See Geologist's Report.		2	91	91	--		
		Run #3: BXMDC, 12.10m-13.00m, Rec. = 0.83m, See Geologist's Report.		3	92	92	--		
	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
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**






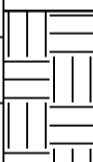
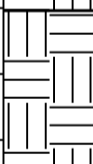
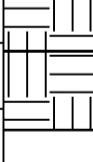
HOLE NO.: B-II
SHEET 1 OF 1
DATE STARTED: 11/22/99
DATE COMPLETED: 11/23/99

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

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: 3.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Description)</i>	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						
10		Top of Bedrock at					10.30m		
		Run #1: BXDC, 10.30m-11.52m, Rec.=0.94m, See Geologist's Report.		RUN	REC%	RQD%	DIP°		
				1	77	70	--		
		Run #2: BXDC, 11.52m-13.06m, Rec. =1.54m, See Geologist's Report.		2	100	100	--		
		Run #3: BXDC, 13.06m-13.66m, Rec.=0.59m, See Geologist's Report.		3	98	98	--		
		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
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**

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: I+357.80
GROUND EL.: 303.104

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: 5.80
G.W. DEPTH: 5.79

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

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		
10		Top of Bedrock at 10.10m							
		RUN#1: BXDC, 10.10m-10.91m, Rec. = 0.66m, See Geologist's Report.		RUN	REC%	RQD%	DIP°		
				1	81	81	--		
		RUN#2: BXDC, 10.91m-12.43m, Rec. = 1.47m, See Geologist's Report.		2	97	97	--		
		RUN#3: BXDC, 12.43m-13.33m, Rec. = 0.87m, See Geologist's Report.		3	97	97	--		
		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.

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




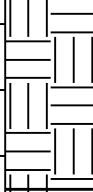
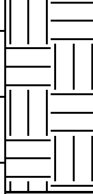
HOLE NO.: B-13
SHEET 1 OF 1
DATE STARTED: 11/18/99
DATE COMPLETED: 11/19/99

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

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: -2.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Description)</i>	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No sample, Boulders							
			80	10.7	25.3	49.7	25		
		A-2-4, SiGrSa, brn, Moist, rec=0.33m							
		RUN#1: BXDC, 3.65m-4.25m, Rec.=0.57m, See Geol. Report		1	95	95	--		
5		RUN#2: BXDC, 4.25m-5.75m, Rec.=1.36m, See Geologist's Report.		2	91	91	--		
		RUN#3: BXDC, 5.75m-7.12m, Rec.=1.47m, See Geologist's Report.		3	100	100	--		
		Hole Stopped at 7.12m							
10									

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
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**







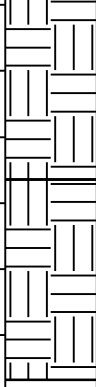
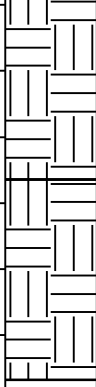
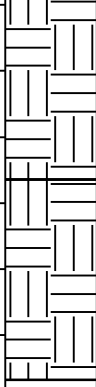
HOLE NO. : B-15
SHEET 1 OF 1
DATE STARTED: 12/3/99
DATE COMPLETED: 12/7/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+335.00
GROUND EL.: 305.362

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: -14.50
G.W. DEPTH: 4.50

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

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. = 0.08m	R	14.6	8.7	51.1	40.2		
5		No sample, Boulders							
		A-2-4, SiSa, brn, Moist, Rec. = 0.22m	R	13.3	8.2	63.4	28.4		
		No sample, Boulders							
		No Rec.							
		Run #1: BXDC, 9.30m-10.82m, Rec.=1.50m, See Geologist's Report.		RUN	REC%	RQD%	DIP°		
10				1	99	99	--		
		RUN#2: BXDC, 10.82m-12.34m, Rec.=1.44m, See Geologist's Report.		2	95	95	--		
		Hole stopped at 12.34m							

GEOLOGISTS REPORT:

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

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

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







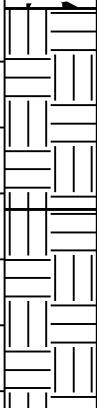
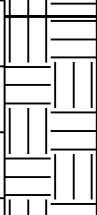
HOLE NO.: B-16
SHEET 1 OF 1
DATE STARTED: 12/8/99
DATE COMPLETED: 12/8/99

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+365.00
GROUND EL.: 309.403

PROJECT NUMBER: STP 01131581S
SITE NO.: US Rt.5
OFFSET: -16.60
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: E. CHABOT
LOGGER: R. YOUNG
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

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. = 0.16m	37	15.7	2.4	62.6	35		
5		A-4, SiSa, brn, Moist, rec.=0.36m	R	17.4	0.5	53.9	45.6		
		A-2-4, SiSa, brn, Moist, rec. = 0.40m	54	15	8.4	68.3	23.3		
		A-2-4, SiGrSa, brn, Moist, rec. = 0.10m	R	12.9	33.8	40.4	25.8		
		A-1-b, GrSa, brn, Dry rec.= 0.40m	83	8.7	39.7	42.2	18.1		
				Top of Bedrock at 9.60m					
10		RUN#1: BXDC, 9.60m-11.12m, Rec.= 1.21m, See Geologist's Report.		RUN	REC%	RQD%	DIP°		
				1	80	80	--		
		RUN#2: BXDC, 11.12m-12.64m, Rec.=1.52m, See Geologist's Report.		2	100	100	--		
		Hole stopped at 12.64m							

GEOLOGISTS REPORT:

RUN#1: Granite/Pegmatite. Very Hard. Unweathered. Competent.
RUN#2: Granite. Very Hard. Unweathered. Competent.

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

HOLE NO.: B-17
SHEET 1 OF 1
DATE STARTED: 3/22/00
DATE COMPLETED: 3/22/00

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+199.00
GROUND EL.: 300.132

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: - 1.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: R. MCGLYNN
DRILLER: R. YOUNG
LOGGER: E. CHABOT
ADDITIONAL CREW: K. RUSSELL

BORING RIG: TRUCK
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.00m-0.15, Asphalt							
		A-2-4, GrSa, brn, Moist, rec.=0.32m	37	10.8	26.1	54.1	19.8		
		A-2-4, Sa, brn-gry, Moist, rec.=0.21m	16	10.5	17	63.3	19.7		
5		A-2-4, SiSa, brn, Moist, rec.=0.22m	17	12.5	13.4	58.9	27.7		
		A-2-4, SiSa, brn-gry, Moist rec.=0.15m	12	14.2	19.4	58.2	22.4		
		A-4, SaSi, brn, MTW, rec.=0.48m	45	25	0.3	29.8	69.9		
		A-4, Si, brn, MTW, rec.=0.21m	73	21.7	0.1	18.1	81.8		
10		A-4, SiSa, brn, Moist, rec.=0.31m	R	14.8	4.7	51.4	43.9		
		A-4, GrSaSi, gry, Moist, rec.=0.23m	R	13.1	23.2	30.6	46.2		
							Top of Bedrock at 12.80m		
				RUN	REC%	RQD%	DIP°		
		RUN#1: BXMDC 12.80m-13.31m Rec.=0.17m, See Geol. Report		1	33	0	-		
		RUN#2: BXMDC 13.31m-14.52m Rec.=0.40m, See Geologist's Report.		2	56	0	-		
		RUN#3: BXMDC 14.52m-16.04m Rec.=0.98m, See Geologist's Report.		3	64	0	-		
			Hole stopped at 16.04m						

GEOLOGISTS REPORT:

Run #1: Granite, Very hard, Unweathered.
Poor recovery. Very closely spaced jointing.
Run #2: Same as Run #1.
Run #3: Same as Run #1.

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

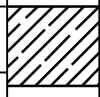
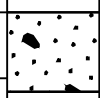
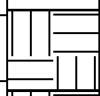
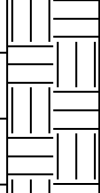
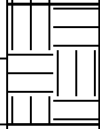
HOLE NO.: B-19
SHEET 1 OF 1
DATE STARTED: 3/8/00
DATE COMPLETED: 3/9/00

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+370.00
GROUND EL.:

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: 16.00
G.W. DEPTH: 0.00

BORING CREW
CREW CHIEF: R. TALLMAN
DRILLER: R. YOUNG
LOGGER: K. RUSSELL
ADDITIONAL CREW:

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Description)</i>	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-4, SiSa, brn, Moist, rec. = 0.46m	34	18.8	11.5	52.8	35.7		
		A-1-b, SiGrSa, brn-gry, Moist rec. = 0.52m	46	10.1	37.4	42.5	20.1		
		RUN#1: BXMDC 3.96m-4.57m, Rec. = 0.53m, See Geol. Report		1	87	0	-		
5		RUN#2: BXMDC 4.57m-6.09m, Rec. = 1.30m, See Geologist's Report		2	86	86	-		
		RUN#3: BXMDC 6.09m-7.07m, Rec. = 0.98m, See Geologist's Report		3	100	100	-		
		Hole stopped at 7.07m							
10									

GEOLOGISTS REPORT:

Run #1: Granite, Very hard, Unweathered, Very closely spaced joints.

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

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

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

HOLE NO.: B-20
SHEET 1 OF 1
DATE STARTED: 3/2/00
DATE COMPLETED: 3/6/00

PROJECT NAME: BARTON
SITE NAME: BR 161
STATION: I+390.00
GROUND EL.: 298.026

PROJECT NUMBER: STP 0113(58)S
SITE NO.: US Rt.5
OFFSET: 10.00
G.W. DEPTH: 1.37

BORING CREW
CREW CHIEF: R. TALLMAN
DRILLER: R. YOUNG
LOGGER: K. RUSSELL
ADDITIONAL CREW:

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Description)</i>	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, SiGrSa, brn, Moist rec.=0.08m	8	15.7	25.8	49.3	24.9		
		BXDC 2.43m-4.05m, Boulders	17						
					Top of Bedrock at		4.10m		
				RUN	REC%	RQD%	DIP°		
		RUN#1: BXMDC, 4.10m-4.71m Rec.=0.61m, See Geol. Report		1	100	85	-		
5		RUN#2: BXMDC 4.71m-5.63m Rec.=0.88m, See Geologist's Report		2	96	96	-		
		RUN#3: BXMDC 5.63m-7.15m Rec.=1.52m, See Geologist's Report		3	100	100	-		
		Hole stopped at 7.15m							
10									

GEOLOGISTS REPORT:

- Run #1: Granite, Very hard, Unweathered, Competent.
- Run #2: Same as Run #1, Competent.
- Run #3: Same as Run #1, Competent.