

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-14 SHEET 1 OF 1 DATE STARTED: 12/9/99 DATE COMPLETED: 12/14/99							
PROJECT NAME: BARTON SITE NAME: BR 161 STATION: H+402.50 GROUND EL.: 302.132		PROJECT NUMBER: STP 0135815 SITE NO.: US Rt.5 OFFSET: 2.00 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
		No sample, Boulders							
5		A-2-4, GrSiSa, brn, Moist, rec.=0.15m	48	11.6	24.8	46.7	28.5		
		Top of Bedrock at 5.94m							
		RUN#1: BXMDC, 5.94m-7.44m, Rec.=1.27m, See Geologist's Report.		RUN	REC%	ROD%	DIP°		
				1	85	85	--		
		RUN#2: BXMDC, 7.44m-8.94m, Rec.=1.49m, See Geologist's Report.		2	99	99	--		
		Hole stopped at 8.94m							
10									
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-15 SHEET 1 OF 1 DATE STARTED: 12/3/99 DATE COMPLETED: 12/7/99							
PROJECT NAME: BARTON SITE NAME: BR 161 STATION: H+335.00 GROUND EL.: 305.362		PROJECT NUMBER: STP 0135815 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.							
		Top of Bedrock at 9.30m							
		RUN #1: BXDC, 9.30m-10.82m, Rec.=1.50m, See Geologist's Report.		RUN	REC%	ROD%	DIP°		
				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							
10									
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: H+365.00 GROUND EL.: 309.403		PROJECT NUMBER: STP 0135815 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							
		RUN#1: BXDC, 9.60m-11.12m, Rec. = 1.21m, See Geologist's Report.		RUN	REC%	ROD%	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							
10									
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: H+99.00 GROUND EL.: 300.132		PROJECT NUMBER: STP 0135815 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#1: BXMDC 12.80m-13.31m, Rec.=0.17m, See Geol. Report		RUN	REC%	ROD%	DIP°		
				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.									

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: 35 OF 120

