

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-05 SHEET 2 OF 2 DATE STARTED: 3/21/00 DATE COMPLETED: 3/21/00							
PROJECT NAME: BARTON SITE NAME: BR 161 STATION: H+272.30 GROUND EL.: 304.043		PROJECT NUMBER: STP 0113581S SITE NO.: US Rt.5 OFFSET: 8.50 G.W. DEPTH:							
BORING RIG: TRUCK CREW CHIEF: R. MCGLYNN DRILLER: E. CHABOT LOGGER: R. YOUNG 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
		A-4, SiSa, brn, Moist, rec.=0.16m	R	11.2	11.6	50.5	37.9		
		Top of Bedrock at 16.45m							
		RUN#1: 16.45m-17.97m rec.=1.13m, See Geologist's Report	RUN	REC%	ROD%	DIP°			
			1	74	74				
		RUN#2: 17.97-19.49m rec.=1.39m, See Geologist's Report	2	91	91				
		Hole stopped at 19.49m							
20									
25									
GEOLOGISTS REPORT:									
Run #1: Granite, Very hard, Unweathered. Very closely spaced jointing. Joint surfaces are unweathered. Breakage may be caused by drilling.									
Run #2: Same as Run #1.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-06 SHEET 1 OF 1 DATE STARTED: 11/29/99 DATE COMPLETED: 11/30/99							
PROJECT NAME: BARTON SITE NAME: BR 161 STATION: H+307.50 GROUND EL.: 295.994		PROJECT NUMBER: STP 0113581S SITE NO.: US Rt.5 OFFSET: -5.40 G.W. DEPTH: 0.3							
BORING RIG: TRACTOR 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							
		No sample, Boulders							
		No sample, Boulders							
5		Top of Bedrock at 5.48m							
		Run #1: BXDC, 5.48m-7.02m Rec.=1.52m, See Geologist's Report.	RUN	REC%	ROD%	DIP°			
			1	99	99	--			
		Run #2: BXDC, 7.02m-8.58m Rec.=1.55m, See Geologist's Report.	2	99	99	--			
		Hole stopped at 8.58m							
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-07 SHEET 1 OF 1 DATE STARTED: 11/24/99 DATE COMPLETED: 11/24/99							
PROJECT NAME: BARTON SITE NAME: BR 161 STATION: H+312.10 GROUND EL.: 297.70		PROJECT NUMBER: STP 0113581S SITE NO.: US Rt.5 OFFSET: 5.80 G.W. DEPTH:							
BORING RIG: TRACTOR 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		
		A-2-4, SiSa, brn, Moist, rec.=0.39m	24	16.9	4.8	62	33.2		
5		Top of Bedrock at 7.10m							
		A-2-4, GrSiSa, brn, Moist, rec.=0.27m	80	13.1	24.8	40.5	34.7		
		Run #1: BXDC, 7.10m-7.70m, Rec.=0.35m, See Geol. Report	RUN	REC%	ROD%	DIP°			
			1	58	58	--			
		Run #2: BXDC, 7.70m-9.05m, Rec.=1.30m, See Geologist's Report.	2	96	96	--			
		Run #3: BXDC, 9.05m-10.57m, Rec.=1.52m, See Geologist's Report.	3	100	100	--			
		Hole stopped at 10.57m							
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-09 SHEET 1 OF 1 DATE STARTED: 12/2/99 DATE COMPLETED: 12/2/99							
PROJECT NAME: BARTON SITE NAME: BR 161 STATION: H+323.10 GROUND EL.: 301.037		PROJECT NUMBER: STP 0113581S SITE NO.: US Rt.5 OFFSET: -5.80 G.W. DEPTH: 7.7							
BORING RIG: TRACTOR 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	76	11.9	9.5	62.2	28.3		
		No Rec.							
5		Top of Bedrock at 7.80m							
		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		
		Run #1: BXDC, 7.80m-9.32m, rec.=1.30m, See Geologist's Report.	RUN	REC%	ROD%	DIP°			
			1	89	89	--			
		Run #2: BXDC, 9.32m-10.84m, rec.=1.36m, See Geologist's Report.	2	86	86	--			
		Hole stopped at 10.84m							
10									
GEOLOGISTS REPORT:									
Run#1: Granite, Very Hard, Unweathered, Competent.									
Run#2: Same as Run #1, Competent.									

PROJECT: BARTON	PROJECT NO.: STP 0113-58 (S)
DESIGN FILE NAME: /matres/96c116/mcl16bor.dgn	PLOT DATE:
DATE: 04/06/00	DRAWN BY: CHAD A. ALLEN
SQUAD LEADER: CHRISTOPHER C. BENDA	SHEET: 33 OF 120

