

ABUT. 1 BOTTOM OF FTG. EL. 567.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-1 SHEET 1 OF 1 DATE STARTED: 10/15/99 DATE COMPLETED: 10/18/99							
PROJECT NAME: ST. JOHNSBURY SITE NAME: BR-29 STATION: I3+30.00 GROUND EL.: 587.67		PROJECT NUMBER: BRO 1447 (19) SITE NO.: TH-85 OFFSET: -18.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		In Wood, No sample	R						
10		BXDC, 8.0'-11.0' Boulder, No sample							
15		No Rec., Stone in end of sample barrel.	24						
20		A-2-4, SiSa, brn, MTW, Rec. = 0.45'	12	29.1	3.8	72	24.2		
25		A-2-4, Sa, brn, MTW, Rec. = 0.15'	R	28.3	1.7	83	15.3		
Run #1: BXDC, 26.5'-27.5', Rec. = 0.90', See Geologist's Report.			RUN	REC%	RQD%	Dip°			
Run #2: BXMDC, 27.5'-32.5', Rec. = 5.00', See Geologist's Report.			1	90	80	50			
Run #3: BXMDC, 32.5'-36.5', Rec. = 4.00', See Geologist's Report.			2	100	100	50			
Hole stopped @ 36.5'									
Geologist's Report:									
Run #1: Gray limestone, Moderately hard, Unweathered Competent.									
Run #2: Same as Run #1, Competent.									
Run #3: Same as Run #1, Competent.									

APPROX. PILE TIP ELEV. IN ROCK SOCKET.
SEE BRIDGE SHEET BR107 FOR FOUNDATION NOTES.

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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-2 SHEET 1 OF 1 DATE STARTED: 10/5/99 DATE COMPLETED: 10/7/99							
PROJECT NAME: ST. JOHNSBURY SITE NAME: BR-29 STATION: I3+43.00 GROUND EL.: 591.93		PROJECT NUMBER: BRO 1447 (19) SITE NO.: TH-85 OFFSET: 0.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: UNI-MOG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
0.0'		0.0'-0.45', Asphalt							
5		No sample	4						
10		BXDC, 7.5'-24.0', Granite block wall							
20		A-2-4, SiSa, brn, MTW, Rec. = 0.15'	18	29.1	0.5	74.9	24.6		
30		A-2-4, SiSa, brn, MTW, Rec. = 1.00'	16	24.5		74.3	25.7		
35		A-2-4, SiSa, brn, MTW, Rec. = 1.30'	15	22.1		74.9	25.1		
Top of bedrock @ 38.5'									
Run #1: BXMDC, 38.5'-43.5', Rec. = 4.50', See Geologist's Report.			RUN	REC%	RQD%	Dip°			
Run #2: BXMDC, 43.5'-48.5', Rec. = 5.00', See Geologist's Report.			1	90	83	55			
			2	100	93	55			
Hole stopped @ 48.5'									
Geologist's Report:									
Run #1: Gray limestone, Moderately hard, Unweathered, Competent.									
Run #2: Gray limestone, Moderately hard, Unweathered, Competent.									

APPROX. PILE TIP ELEV. (VARIES)

ABUT. 1 BOTTOM OF FTG. EL. 567.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 1 OF 1 DATE STARTED: 10/12/99 DATE COMPLETED: 10/12/99							
PROJECT NAME: ST. JOHNSBURY SITE NAME: BR-29 STATION: I3+41.00 GROUND EL.: 583.54		PROJECT NUMBER: BRO 1447 (19) SITE NO.: TH-85 OFFSET: 46.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: UNI-MOG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-2-4, Sa with Trace of Organics (tested 2.1% organic), brn, MTW, Rec. = 0.65', Sample is possible fill material.	5	24.6	17.3	64	18.7		
10		No sample, No Recovery	11						
15		A-1-a, SaGr, brn, Moist, Rec. = 0.50', Sample is possible fill material.	12	13.7	64.5	25.3	10.2		
20		A-1-b, SaGr with a Trace of organics (tested 1.8% organic), brn, Moist, Rec. = 0.75', Sample is possible fill material.	39	20.5	50.2	36.5	13.3		
25		A-2-4, SiSa, brn, MTW, Rec. = 1.90'	21	22.6		73.3	26.7		
30		A-4, SiSa, brn, MTW, Rec. = 1.50'	19	24	0.3	50.8	48.9		
Top of bedrock @ 34.5'									
Run #1: BXMDC, 34.5'-36.5', Rec. = 2.0', See Geologist's Report.			RUN	REC%	RQD%	Dip°			
Run #2: BXMDC, 36.5'-38.5', Rec. = 2.0', See Geologist's Report.			1	100	95	50			
Run #3: BXMDC, 38.5'-43.5', Rec. = 5.0', See Geologist's Report.			2	100	95	50			
Run #4: BXMDC, 43.5'-44.5', Rec. = 1.0', See Geologist's Report.			3	100	100	50			
			4	100	75	50			
Hole stopped @ 44.5'									
Geologist's Report:									
Run #1: Gray limestone, Moderately hard, Unweathered, Competent.									
Run #2: Same as Run #1, Competent.									
Run #3: Same as Run #1, But becomes phyllitic near bottom of Run.									
Run #4: Same as Run #1, Competent.									

APPROX. PILE TIP ELEV. (VARIES)



**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	ST. JOHNSBURY	Bridge No.	29
Highway No.	T.H. 85	Log Sta.	
		Surv. Sta.	

DEPOT HILL ROAD OVER THE PASSUMPSIC RIVER

BORING LOG SHEET - I

Designed By	M. MULLEN	Drawn by	B. DILLENBECK
Checked By	M. OLSTAD	Date	7/2003
		Bridge Design Supervisor	P. HALSTEAD
		Date	9/2006

PROJECT	ST. JOHNSBURY	PROJECT NO.	BRO 1447(19)
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I.G.C. Info.

Bridge Sheet No. BR104 Sheet 37 OF 72