

VTTrans Working to Get You There Vermont Agency of Transportation		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-2 SHEET 1 of 2 DATE STARTED: 11/01/04 DATE COMPLETED: 11/09/04					
PROJECT NAME: CANAAN SITE NAME: BR-16 STATION: 60+93.34 OFFSET: 21.00		PROJECT NUMBER: ST 0271(16) SITE NUMBER: VT-102 GROUND ELEVATION: 1017.0 ft GROUNDWATER DEPTH: 8.0 ft 11/09/04							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL CHECKED BY: CAA							
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
10		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft No Recovery, 2.0 ft - 4.0 ft	10 5	17.3	31.5	48.7	19.8		
		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft	5	12.6	45.3	43.1	11.6		
		A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft	10	13.9	46.6	39.6	13.8		
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft	7	14.9	51.7	37.7	10.6		
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft	6	12.2	60.7	29.7	9.6		
		A-4, SaSi, Dk/gry, Moist, Rec. = 1.1 ft	7	21.8	0.2	37.6	62.2		
		A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft	4	22.0	0.0	8.9	91.1		
		A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft	3	26.5	0.0	4.8	95.2		
		A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft	2	27.9	0.0	6.7	93.3		
20		A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft	2	25.4	0.0	4.9	95.1		
30		A-4, Si, Dk/gry, Moist, Rec. = 1.2 ft	2	24.7	0.0	3.7	96.3		
		A-4, Si, Dk/gry, Moist, Rec. = 1.0 ft	3	26.3	0.0	5.0	95.0		
40		A-4, Si, Dk/gry, Moist, Rec. = 1.1 ft	2	23.5	0.0	7.0	93.0		
		A-4, Si, Dk/gry, Moist, Rec. = 1.2 ft	2	26.5	0.0	3.9	96.1		
50		A-4, Si, Dk/gry, Moist, Rec. = 1.0 ft	WH	29.5	0.0	2.1	97.9		
		A-4, Si, Dk/gry, Moist, Rec. = 1.1 ft	WH	27.4	0.0	1.8	98.2		
60		A-4, Si, Dk/gry, Moist, Rec. = 0.8 ft	2	28.4	0.0	1.8	98.2		
		A-4, Si, Dk/gry, Moist, Rec. = 0.9 ft	WH	28.4	0.0	1.4	98.6		
70		A-4, Si, Dk/gry, Moist, Rec. = 1.4 ft	WH	28.3	0.0	1.2	98.8	24	3
		A-4, Si, Dk/gry, Moist, Rec. = 1.3 ft	WH	29.2	0.0	1.4	98.6	25	3
80		A-4, Si, Dk/gry, Moist, Rec. = 1.4 ft	WH	28.2	0.0	1.0	99.0	25	2
		84.0 ft, No sample, Still in same material, Will continue in 10 ft. intervals until material changes.							
90		A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft	WH	28.4	0.0	1.9	98.1	25	3
100		A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft	WH	27.9	0.0	1.9	98.1	25	4
		No Recovery, 105.0 ft - 107.0 ft	9						

BOTTOM OF FOOTING
ELEVATION = 999.80

LOG OF BORING CANAAN ST0271(16).DGN VT_A01.GBT 8/8/05

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PROJECT NAME: CANAAN SITE NAME: BR-16 STATION: 60+93.34 OFFSET: 21.00		PROJECT NUMBER: ST 0271(16) SITE NUMBER: VT-102 GROUND ELEVATION: 1017.0 ft GROUNDWATER DEPTH: 8.0 ft 11/09/04							
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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
120		A-4, SaSi, Dk/gry, Moist, Rec. = 1.9 ft 112.0 ft, Drillers noted pocket of sandy material that changed back to silt between 110 ft. and 120 ft.	9	19.7	0.0	28.6	71.4		
		A-4, Si, Dk/gry, Moist, Rec. = 1.8 ft, Encountered flowing water.	WH	29.5	0.0	1.0	99.0	27	4
130		Visual Class: A-4, Si, Dk/gry, Moist, Rec. = 1.9 ft, 130.0 ft - 132.0 ft	WH	29.2					
140		Visual Class: A-4, Si, Dk/gry, Moist, Rec. = 1.6 ft, 140.0 ft - 142.0 ft	WH	30.5					
150		A-4, Si, Dk/gry, Moist, Rec. = 1.5 ft	WH	30.3	0.0	1.5	98.5	26	3
160		Visual Class: A-4, Si, Dk/gry, Moist, Rec. = 1.5 ft, 160.0 ft - 162.0 ft	WH	31.3					
170		A-4, Si, Dk/gry, Moist, Rec. = 1.8 ft	WH	31.3	0.0	0.5	99.5	30	7
180		180.0 ft - 182.0 ft, No Sample, Advanced casing.							
190		190.0 ft - 192.0 ft, No Sample, Advanced casing.							
200		A-4, Si, Dk/gry, Moist, Rec. = 1.9 ft Hole stopped @ 202.0 ft	WH	30.0	0.0	1.6	98.4	27	3
210		DRILLER'S NOTES: Encountered flowing water at 120.0 feet.							

LOG OF BORING CANAAN ST0271(16).DGN VT_A01.GBT 8/8/05

BORING LOG SHEET 1

PROJECT NAME: Canaan
PROJECT NUMBER: ER ST 0271(16)

FILE NAME: Structures/04c098ero.dgn PLOT DATE: 18-AUG-2008
PROJECT LEADER: M. Evans-Mongeon DRAWN BY: T. Husk
DESIGNED BY: S. Scribner CHECKED BY: S. SCRIBNER
x04c098bsl.i SHEET 29 OF 66