VTrans

STATE OF VERMONT
AGENCY OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
GEOTECHNICAL ENGINEERING

BORING LOG

VT Route No. Bridge On Over Main Road
BRIDGE Number
BRIDGE NAME
(or GPS)

Boring No: 0-2
Page No: 1 of 3
File No: s/Bldrs
Checked By: ...

Boring Crew: Bldrs. JRF
Date Started: 3/10/1x Date Finished: 4/10/1x
WBS #: # 00000.00 # ¢ 100000.00 #
Station: 110.15 Offset: 10.00RT
Ground Elevation: 700.0 ft

	Casing	Sampler
Type	Steel	SS
I.D.	4 in	1.38 in
Hammer Wt.	300 lb.	140 lb.
Hammer Drop	30 in.	30 in.
Hammer/Rod Type	auto/rd	
Eq.	Ent 55 Truck	CE = 1.30

Groundwater Elevation		
Date	Depth (ft)	Notes
03/10/1x	0.0	Hole caving

Depth (ft)	Sample No.	Description (Classification)	Blows per 6 in	Recovery (in)	Blows per 6 in	Penetration Resistance	Moisture Content (%)	LL	PL	PI
5		0-4, SM, dark brown, Rec. = 0.97 ft. (HD)			10-12-14-16	17.3	14.7	20.0	20.5	
10		0-4, SM Sample lost in casing (being pulled up and collected sample from cuttings), brown, Rec. = 0.0 ft			8-9-9-10	26.0	0.7	20.0	27.3	
		Rec. = 0.0 ft			8-9-9-10					
20		0-4, SL, brown/gray, Rec. = 0.00 ft			9-11-11-12	20.7	3.0	1.1	00.0	
		Rec. = 0.0 ft			9-11-11-12					
30		0-4, SL, brown/gray, Rec. = 0.00 ft			9-11-11-12	20.0	3.0	3.4	00.0	
35		0-4, SL, gray, Rec. = 1.00 ft			9-11-11-12	20.5		3.2	00.0	
40		0-4, SL, gray, Rec. = 1.00 ft			9-11-11-12	20.5	0.2	4.4	00.0	
45		0-4, SL, gray, Rec. = 1.0 ft			9-11-11-12	20.0		1.1	00.0	
		0-4, SL, gray, Rec. = 1.0 ft			9-11-11-12	20.7		1.0	00.1	

Notes: [illegible]

Terracon

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60		0-4, SL, gray, Rec. = 0.00 ft			9-11-11-12	20.0	3.4	00.0		
70		0-4, SL, gray, Rec. = 0.00 ft			9-11-11-12	20.0	3.0	07.0		
80		0-4, SL, gray, Rec. = 1.00 ft			9-11-11-12	20.3	2.0	07.2		
90		0-4, SL, gray, Rec. = 1.00 ft			9-11-11-12	21.0	3.0	3.2	01.0	

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105		0-4, SL, gray, Rec. = 0.00 ft			9-11-11-12	20.7	0.7	2.0	00.0	
110		Silt, gray, 110.0 ft – 110.5 ft			9-11-11-12	20.0	0.1	20.3	47.0	
115		Possible gravel from 110 to 110.5 feet indicated by grinding drilling noise								
120		110.5 ft – 120.0 ft, Gray, Weak Metamorphic Bedrock (Schist), moderately hard to hard, tight joint, typically fresh to slightly weathered with rust colored grinding from 0' to 20' (typically from 20' to 30' with rare horizontal joint)	1	100% RQD	1.0-1.0-1.0-0.00					
125		On 4/8/20xx, relocated boring 2 feet towards the bridge and redrilled from 110 ft. to 120 ft. using standard rotary bit. Hole stopped @ 120.0 ft								
130										
135										
140										
145										

Notes: [illegible]

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