



# LOG OF BORING No. B-1

**PROJECT:** Milton Public Works Building **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA **DATE:** 10/18/21  
**DEPTH TO - WATER> INITIAL:**  $\nabla$  \_\_\_\_\_ 10.0 **AFTER 24 HOURS:**  $\nabla$  \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS									
							Plastic Limit	Liquid Limit	Water Content -	Penetration -						
							10	20	30	40	50					
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; very loose			SS01	WOH 5 5 1											
0.5	[MARINE SAND] Light brown, Sand (SP) with silt; very loose			SS02	2 6 7 8											
2.2	[LACUSTRINE AND MARINE SILT] Grey-brown, Silt (ML); medium dense  -becomes loose			SS03	5 5 4 4											
4				SS05	5 5 3 2											
8				SS05	1 2 2 3											
12																
16				SS06	WOH 1 1											
20				SS07	WOH WOH WOH WOH											
24				SS08	WOH WOH WOH 1											
28	Boring terminated at 27 ft.															

Test boring backfilled with soil cuttings upon completion.



# LOG OF BORING No. B-2

**PROJECT:** Milton Public Works Building **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan **ELEVATION:**  
**DRILLER:** CASCADE **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA **DATE:** 10/18/21  
**DEPTH TO - WATER> INITIAL:** 8.5 **AFTER 24 HOURS:**

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS								
							Plastic Limit	Liquid Limit	Water Content -	Penetration -					
0	[FOREST MAT] Dark brown silty Sand (SM) roots, organics; very loose	[Forest Mat Symbol]		SS01	5 5 1 1										
0.5	[MARINE SAND] Orange, poorly graded Sand (SP)	[Marine Sand Symbol]		SS02	2 3 4 3										
3.5	[LACUSTRINE & MARINE SILT] Grey-brown, Silt (ML); loose; orange mottling	[Lacustrine & Marine Silt Symbol]		SS03	3 4 5 7										
8	-becomes light brown and sandy  -becomes wet  -becomes very loose	[Vertical Lines Symbol]		SS04	6 4 2 3										
12				SS05	WOH WOH WOH 1										
16				SS06	WOH WOH 1 1										
20	-becomes grey			SS07	WOH 1 1 1										
24				SS08	WOH WOH WOH WOH										
28	Boring terminated at 27 ft.														

Test boring backfilled with soil cuttings upon completion.



# LOG OF BORING No. B-3

**PROJECT:** Milton Public Works Building      **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan      **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE      **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA      **DATE:** 10/18/21  
**DEPTH TO - WATER> INITIAL:**  $\nabla$  \_\_\_\_\_ 7.5      **AFTER 24 HOURS:**  $\nabla$  \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS													
							Plastic Limit	Liquid Limit	Water Content -	Penetration -										
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; very loose			SS01	WOH 1 1 2															
0.5	[MARINE SAND] Light brown, poorly graded Sand (SP); very loose			SS02	2 4 5 5															
3.0	[LACUSTRINE & MARINE SILT] Grey, Silt (ML); loose; orange mottling			SS03	3 4 3 3															
8	-becomes light brown and sandy -becomes very loose and wet			SS04	2 2 2 2															
12				SS05	WOH WOH WOH WOH															
16				SS06	WOH WOH 1 1															
20	-becomes grey			SS07	WOH WOH WOH WOH															
24				SS08	WOH WOH WOH WOH															
28	Boring terminated at 27 ft.																			

Test boring backfilled with soil cuttings upon completion.



# LOG OF BORING No. B-4

**PROJECT:** Milton Public Works Building **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA **DATE:** 10/19/21  
**DEPTH TO - WATER> INITIAL:**  $\nabla$  7.5 **AFTER 24 HOURS:**  $\nabla$  \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS				
							Plastic Limit  ——  Liquid Limit	Water Content - ●			
							Penetration -				
							10	20	30	40	50
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; loose			SS01	1 1 1 3						
2.0	[MARINE SAND] Light brown, poorly graded Sand with silt (SP-SM); medium dense			SS02	3 5 7 8						
4	[LACUSTRINE & MARINE SILT] Grey, Silt (ML) with orange mottling; medium dense			SS03	5 5 6 2						
5.0	-6" layer of light brown fine Sand -becomes loose and wet			SS04	4 3 2 2						
8	-becomes very loose			SS05	1 WOH WOH WOH						
12	-No sampling until 40.0'										
16											
20											
24											
28											

Test boring backfilled with soil cuttings upon completion.



# LOG OF BORING No. B-4

**PROJECT:** Milton Public Works Building      **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan      **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE      **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA      **DATE:** 10/19/21  
**DEPTH TO - WATER> INITIAL:** 7.5      **AFTER 24 HOURS:** 7.5

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS				
							Plastic Limit  ——  Liquid Limit	Water Content - ●	Penetration -		
							10	20	30	40	50
32											
36											
40	-Auger refusal at 40.0' Boring terminated at 40 ft.										
44											
48											
52											
56											

*Test boring backfilled with soil cuttings upon completion.*



# LOG OF BORING No. B-6

**PROJECT:** Milton Public Works Building **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA **DATE:** 10/18/21  
**DEPTH TO - WATER> INITIAL:**  $\nabla$  8.5 **AFTER 24 HOURS:**  $\nabla$  \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS												
							Plastic Limit	Liquid Limit	Water Content - ●	Penetration -	10	20	30	40	50				
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; very loose			SS01	1 1 1 1														
0.5	[MARINE SAND] Light brown, poorly graded Sand (SP); very loose; orange mottling -becomes silty and medium dense			SS02	2 5 6 8														
4	-becomes loose			SS03	7 3 3 4														
7.0	[LACUSTRINE & MARINE SILT] Brown-grey, Silt (ML); very loose -becomes wet			SS04	4 1 1 1														
8				SS05	1 .5 .5 1														
12																			
16				SS06	2 2 1 3														
20	-becomes grey			SS07	WOR WOR WOR WOH														
24				SS08	WOH WOH WOH WOH														
28	Boring terminated at 27 ft.																		

Test boring backfilled with soil cuttings upon completion.



# LOG OF BORING No. B-7

**PROJECT:** Milton Public Works Building      **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan      **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE      **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA      **DATE:** 10/18/21  
**DEPTH TO - WATER> INITIAL:**  $\nabla$  \_\_\_\_\_ 8.5      **AFTER 24 HOURS:**  $\nabla$  \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS	
							Plastic Limit	Liquid Limit
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; very loose			SS01	5 5 5			
0.5	[MARINE SAND] Light brown poorly graded Sand with silt (SP-SM); orange mottling			SS02	2 4 6 5			
2.0	[LACUSTRINE & MARINE SILT] Brown, Silt (ML); medium dense; orange mottling -becomes grey			SS03	5 9 7 8			
8	-becomes wet			SS04	7 7 8 4			
	-becomes very loose			SS05	5 5 5 5			
12								
16	-becomes loose			SS06	WOH 2 3 1			
20	-becomes very loose			SS07	WOH 1 5 5			
22	Boring terminated at 22 ft.							
24								
28								

*Test boring backfilled with soil cuttings upon completion.*



# LOG OF BORING No. B-8

**PROJECT:** Milton Public Works Building **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA **DATE:** 10/18/21  
**DEPTH TO - WATER> INITIAL:**  $\nabla$  10.0 **AFTER 24 HOURS:**  $\nabla$  \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS				
							Plastic Limit	Liquid Limit	Water Content -	Penetration -	
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; very loose			SS01	.5 .5 1 2						
0.5	[MARINE SAND] Light brown, poorly graded Sand with silt (SP-SM); orange mottling			SS02	4 7 7 8						
2.0	[LACUSTRINE & MARINE SILT] Grey, Silt (ML); medium dense -orange color mottling			SS03	6 8 7 9						
8	- 8" Brown fine Sand with silt layer			SS04	7 6 8 9						
14	- 6" layer of brown poorly graded Sand - becomes loose			SS05	1 3 2 1						
16	- 12" Brown fine sand and silt layer			SS06	WOH 4 4						
20	-becomes very loose			SS07	WOH 1 1 1						
22	Boring terminated at 22 ft.										
24											
28											

Test boring backfilled with soil cuttings upon completion.





# LOG OF BORING No. B-9

**PROJECT:** Milton Public Works Building **PROJECT NO.:** 21-04-079  
**CLIENT:** Krebs & Lansing Consulting Engineers  
**PROJECT LOCATION:** Milton, VT  
**LOCATION:** See Boring Location Plan **ELEVATION:** \_\_\_\_\_  
**DRILLER:** CASCADE **LOGGED BY:** EL  
**DRILLING METHOD:** 4.25" I.D. HSA **DATE:** 10/19/21  
**DEPTH TO - WATER> INITIAL:** 12.0 **AFTER 24 HOURS:** \_\_\_\_\_

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Description	Graphic	Elevation (feet)	Sample No.	Blow Counts	% < #200	TEST RESULTS				
							Plastic Limit	Liquid Limit	Water Content -	Penetration -	
0	[FOREST MAT] Dark brown, silty Sand (SM), roots, organics; very loose			SS01	5 5 2 2						
0.5	[MARINE SAND] Orange, poorly graded Sand and silt (SP-SM)			SS02	4 7 6 6						
2.0	[LACUSTRINE & MARINE SILT] Grey-brown, Silt (ML); medium dense; orange mottling -becomes grey			SS03	5 8 7 7						
8				SS04	8 8 6 5						
12	-becomes loose and wet			SS05	4 4 3 2						
16	-becomes very loose			SS06	WOH WOH WOH 1						
20	-Hard to drill due to loose fines Boring terminated at 20 ft.										
24											
28											

Test boring backfilled with soil cuttings upon completion.