

VTrans VERMONT TRANSPORTATION DEPARTMENT

STATE OF VERMONT
DEPARTMENT OF TRANSPORTATION
ROADWAY & AIRPORT DESIGN
SUBSURFACE INVESTIGATION

SOINGS LOG
of Hole No. 2199 to the Hole Desc
GWS, 4000'

Drilling Date: 0-1
Page No: 1 of 2
File No: 2199
Checked By: JEP

Drilling Crew: JEP, JEP
Date Started: 2/19/16 Date Finished: 2/19/16
HOLE DEPTH: 100.00 ft. ± 100.00 ft. ±
Station: 116.255 Offset: 20.00 ft.
Ground Elevation: 791.0 ft. ±

Drilling Type: 35
Rate: 4 ft. 1.20 ft.
Summer Ht: 200 ft. 140 ft.
Summer Fall: 20 ft. 20 ft.
Summer/Fall Type: 140/20
Qty: 0.00 Tons GR = 1.20

Groundwater Observations
Date Depth (ft) Value
02/19/16 10.0 14.0 14.0

DEPTH (ft)	DESCRIPTION OF STRATA (Sampling)	DEPTH (ft)	WATER TABLE (ft)	TEMP (°F)	PH	EC (µmhos/cm)
0-1	0-1-4, 0% to 100% brown, sil. = 1.20 ft. (100)	10.0	20.0	25.3	70.7	
1-4	0-1-4, 0% to 100% brown, sil. = 0.57 ft. (100)	10.0	20.0	25.0	70.0	
4-8	0-1-4, 50% gray-brown, sil. = 0.20 ft. (100)	20.0	16.0	25.2	26.6	
8-12	0-1-4, 50% to 100% brown, sil. = 0.17 ft. (100)	20.0	2.0	25.0	26.6	
12-16	0-1-4, 0% to 100% brown, sil. = 0.5 ft. (100)	20.0	20.1	25.2	27.7	
16-20	0-1-4, 50% to 100% brown, sil. = 1.20 ft. (100)	20.0	16.5	25.5	27.0	
20-24	0-1-4, 50% gray-brown, sil. = 1.0 ft. (100)	20.0	2.0	25.0	25.0	
24-28	0-1-4, 50% gray-brown, sil. = 0.0 ft. (100)	20.0	20.0	25.0	25.0	
28-32	0-1-4, 5% gray, sil. = 1.07 ft. (100)	20.0	4.7	21.0	25.6	
32-36	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.5	1.0	25.1	
36-40	0-1-4, 5% gray, sil. = 0.83 ft. (100)	20.0	1.2	2.6	25.6	
40-44	0-1-4, 5% gray, sil. = 0.83 ft. (100)	20.0	1.1	2.6	25.3	
44-48	0-1-4, 5% gray, sil. = 1.07 ft. (100)	20.0	1.7	25.3		
48-52	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	3.1	1.0	25.0	
52-56	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.7	25.3		
56-60	0-1-4, 5% gray, sil. = 1.07 ft. (100)	20.0	0.0	25.2		
60-64	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
64-68	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
68-72	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
72-76	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
76-80	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
80-84	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
84-88	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
88-92	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
92-96	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		
96-100	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	0.0	25.1		

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DEPTH (ft)	DESCRIPTION OF STRATA (Sampling)	DEPTH (ft)	WATER TABLE (ft)	TEMP (°F)	PH	EC (µmhos/cm)
0-1	0-1-4, 5% gray, sil. = 1.07 ft. (100)	10.0	3.3	1.0	25.0	
1-4	0-1-4, 5% gray, sil. = 1.0 ft. (100)	10.0	0.0	25.0		
4-8	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.0	25.0		
8-12	0-1-4, 5% gray, sil. = 2.0 ft. (100)	20.0	3.0	1.0	25.0	
12-16	0-1-4, 5% gray, sil. = 0.5 ft. (100)	20.0	0.2	25.0		
16-20	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
20-24	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	2.0	1.2	25.0	
24-28	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
28-32	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
32-36	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
36-40	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
40-44	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
44-48	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
48-52	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
52-56	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
56-60	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
60-64	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
64-68	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
68-72	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
72-76	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
76-80	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
80-84	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
84-88	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
88-92	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
92-96	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		
96-100	0-1-4, 5% gray, sil. = 1.20 ft. (100)	20.0	1.2	25.0		

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0-1	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
1-4	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
4-8	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
8-12	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
12-16	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
16-20	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
20-24	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
24-28	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
28-32	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
32-36	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
36-40	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
40-44	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
44-48	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
48-52	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
52-56	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
56-60	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
60-64	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
64-68	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
68-72	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
72-76	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
76-80	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
80-84	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
84-88	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
88-92	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
92-96	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0
96-100	0-1-4, 5% gray, sil. = 0.57 ft. (100)	10.0	2.0	0.7	21.0	25.0