

GZA GeoEnvironmental, Inc. Engineers and Scientists		Cornwall BRS 0172(6)S Cornwall, Vermont		Boring No.: B-203 Page: 1 of 3 File No.: 22721.3 Check: TAD					
Contractor: NH Boring Foreman: Bob Doherty Logged by: Jay Hodgkinson Date Start/Finish: 9-10-01 / 9-13-01 Boring Location: Sta. 0+820.7, 8.5 mL GS Elev.: 42.9+/- Datum: NAVD 88		Auger/ Casing Type: HW I.D.: 102mm Hammer Wt.: 136.1kg Hammer Fall: 0.76m Rig Type: CME 45		Sampler SS 35mm 63.5kg 0.76m		GROUNDWATER READINGS Date Time Depth Casing Stab			
Sample Information		Stratum Desc.		Remarks		Equipment Installed			
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	S-1	0.61/0.05	1.52-2.13	push		VS: 16.5 kPa, Vane tip at 1.98m (6.5 feet). Gray-brown, CLAY & SILT, with layers of ORGANIC SILT. (A-7-6)	CLAY & SILT with Layers of ORGANIC SILT	1	No Equipment Installed
3	S-2	0.61/0.38	3.05-3.66	push		VS: 19.1 kPa, Vane tip at 3.51m (11.5 feet). Gray, CLAY & SILT, with layers of ORGANIC SILT. (A-7-6)	CLAY & SILT with Layers of ORGANIC SILT	2	
5	S-3	0.61/0.43	4.57-5.18	3-1 2-1	3	Soft, gray, CLAY & SILT, with layers of ORGANIC SILT. (A-7-6)	CLAY & SILT with Layers of ORGANIC SILT	3	
6	S-4	0.61/0.33	6.10-6.71	6-10 12-14	22	Medium dense, gray, fine to medium SAND, trace Silt. (A-3)	SAND	4	
8	S-5	0.61/0.18	7.62-8.23	6-9 14-18	23	Medium dense, gray, fine to medium SAND, little Silt. (A-3)	SAND	5	
1. VS=Vane Shear Test. Split spoon sample was driven through the soil disturbed by the VS test. 2. Change in strata at 5.49m (18 feet) based on drill action. 3. Blow counts may be artificially high due to approximately 0.3m (1 foot) of "blow-in sands" in casing. 4. Water was at top of casing approximately 0.15m (6 inches) above ground surface approximately 14 hours of stabilization time.									
Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.								Boring No.: B-203	

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Sample Information		Stratum Desc.		Remarks		Equipment Installed			
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
10	S-6	0.61/0.13	9.14-9.75	5-5 8-19	13	Medium dense, gray, fine SAND and Silt, trace Gravel. (A-4)	SAND		
11	S-7	0.61/0.20	10.67-11.28	4-4 4-4	8	Loose, gray, fine to medium SAND, trace Silt. (A-3)	SAND		
12	S-8	0.61/0.15	12.19-12.80	WOR-3 5-5	8	Loose, gray, fine SAND, some Silt. (A-3)	SAND		
14	S-9	0.61/0.30	13.72-14.33	4-3 3-3	6	Loose, gray, Clayey SILT, little fine Sand. (A-5)	SAND		
15	S-10	0.61/0.41	15.24-15.85	12-4 4-5	8	Loose, gray, fine SAND, some Silt, trace Gravel. (A-2-4)	SAND		
17	S-11	0.30/0.15	16.76-17.07	5-5 60/ 0mm	65	Very dense, gray, fine SAND, some Silt. (A-3)	SAND		
18	S-12	0.61/0.25	18.29-18.90	4-5 5-4	10	Loose, gray, fine SAND, some Silt. (A-3)	SAND		
5. Drilling change at 19.51m (64 feet).									
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Sample Information		Stratum Desc.		Remarks		Equipment Installed			
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
20	S-13	0.61/0.33	19.81-20.42	44-53 51-54	104	Very dense, fine to medium SAND, some Silt, little Clay, trace Gravel. (A-2-4)	SAND		
21	S-14	0.61/0.33	21.34-21.95	10-26 30-28	56	Very dense, fine to medium SAND, trace Silt with 0.10m (4 inch) layer of SAND and Silt, some Gravel. (A-1-b)	SAND		
23	S-15	0.61/0.00	22.86-23.47	8-10 13-25	23	No recovery.	GLACIAL TILL	6 7	
24	S-16	0.61/0.08	24.38-24.99	26-13 13-18	26	Medium dense, gray, fine to coarse SAND, some Silt, little Gravel. (A-2-4)	GLACIAL TILL		
26	S-17	0.61/0.25	25.91-26.52	24-32 28-34	60	Very dense, gray, fine to coarse SAND and Silt, little Gravel. (A-4)	GLACIAL TILL		
28	S-18	0.61/0.25	27.43-28.04	34-46 32-30	78	Very dense, gray, fine to coarse SAND and Silt, little Gravel. (A-4)	GLACIAL TILL		
Bottom of boring at 28.04m (92 feet). No refusal.								28.04m	
6. Water flowing out of the borehole. 7. Approximately 0.46m (1.5 feet) of wash in sample.									
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