



Boring Crew: Geosearch, Inc. Fitchburg, MA, MJC	Type: HW	Casing: HW	Sampler: SS	Groundwater Observations		
Date Started: 1/17/12 Date Finished: 1/19/12	I.D.: 4 in	4 in	1.38 in	Date	Depth (ft)	Notes
VTSPG NAD83: N 326686.47 ft E 1588110.59 ft	Hammer Wt: 300	300	140 lb.	01/18/12	7.5	
Station: 102+48.28 Offset: 13.9 RT	Hammer Fall: 24	24	30 in.			
Ground Elevation: 994.0 ft	Hammer/Rod Type: Auto/N					
	Rig: CME 75	CE = 1.3				

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt, 0.0 ft - 0.5 ft							
		A-1-b, GrSa, gry, Moist, Rec. = 0.3 ft			25/4		5.2	39.0	44.5
	x x x	A-1-b, SaGr, tan, Moist, Rec. = 0.9 ft			5-12-8-20		4.6	45.2	40.8
	x x x	A-1-b, GrSa trace asphalt at 6 ft, gry, Rec. = 0.8 ft			9-6-3		3.4	41.9	45.3
		A-1-b, GrSa, tan, Moist			3				
		A-1-a, SaGr, brn, Moist, Rec. = 0.4 ft			5-7-13-9		5.3	53.1	37.5
10		A-2-4, Sa, tan, Moist, Rec. = 1.1 ft			2-3-4		10.8	6.9	79.2
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft			7				
		Cobbles and boulders, 14.0 ft - 18.0 ft			6-9-19-25-71		4.2	50.5	40.4
		A-4, SiSa, brn, MTW, Rec. = 1.5 ft			14-17-19-16		28.8		62.1
20		A-2-4, SiSa, brn, MTW			16-17-14-18		25.6		73.2
		A-2-4, SiSa, brn, Moist			31		25.4		75.2
		A-2-4, Sa, tan, Wet, Rec. = 1.4 ft			13-18-21-21		24.3	1.8	83.8
		Cobbles, 27.5 ft - 28.5 ft			36				
30		A-1-b, SiSaGr, gry, Wet, Rec. = 1.1 ft			35-38-17		12.8	39.3	38.1
		Cobbles, 32.0 ft - 34.0 ft			55				
		A-1-b, SaGr, brn, Wet, Rec. = 0.9 ft			21-19-30-32		10.9	53.8	33.1
		Cobble, 36.0 ft - 36.5 ft			49				
40		A-4, SaSi, brn, Wet, Rec. = 1.2 ft			19-25-50/4		24.1	13.7	34.1
		42.0 ft - 52.0 ft, NXDC, Cored glacial fill from 42 to 52 feet. Visual classification: Silty sand with gravel.			75+				

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor. CE is an estimated value.
3. 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.



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		A-4, SaGr/Si, gry, Wet, Rec. = 1.2 ft			26-51-46-50/3		9.3	32.5	29.7
60		Visual Class., broken rock with silt and sand, gry, Wet, Rec. = 0.3 ft			50/4		26.3		
		Possible cobbles, 61.0 ft - 64.0 ft			50+				
		64.0 ft - 74.0 ft, Gry, Micaceous Schist, Hard to very hard, Fresh, Fair rock, NXDC, Joints close to moderately close spacing	1	95					
70		Hole stopped @ 74.0 ft	(25-45)	(74)					
80									
90									
100									

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