

BORING LOG SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SOILS & FOUNDATIONS UNIT
AUGER DRILLING NOTES



PROJECT: HARTFORD SEWER EXPANSION					PROJECT No.: IM BLDG(10)				
DRILLING METHOD: Solid Stem Auger					SAMPLE METHOD: Grab - Auger Flights				
DRILLER: HOLT					CHECKED BY: TDE				
BORING No.	ELEVATION	NORTHING	EASTING	DATE DRILLED	DEPTH INTERVAL	FIELD DESCRIPTION			COMMENTS
						SOIL TYPE	COLOR	MOISTURE	
B-1	568.22	408860.3183	1681252.252	3/29/2007	0.0-5.0	Si and Bo	Brown	Moist	Possible Fill
					5.0-8.0	Si Tr. Organics	Brown	Moist to Wet	
					8.0-12.0	SaGr	Gray	Wet	
					12.0-15.0	Si	Gray	Wet	
					NLTD				
					NOTES:				
B-2	566.42	408953.1196	1681289.222	3/29/2007	0.0-6.0	Si and Cobbles	Brown	Moist	Possible Fill
					6.0	TLOB			
					NOTES:	Bedrock exposed in vicinity of boring.			
					NLTD				
B-3	562.33	408992.3434	1681197.122	5/18/2007	0.0-4.0	SiSa	Brown	Moist to Wet	
					4.0-8.0	SiSa	Brown	Wet	
					9.0-11.0	SiGrSa	Dark Gray	Wet	
					11.0-15.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 3.5' on 5/11/2007			
B-4	559.60	409031.5177	1681105.166	5/18/2007	0-5.0	SaSi	Dark Gray	Wet	
					5.0-15.0	Si	Dark Gray	Wet	
					NLTD				
					NOTES:	Water @ 1.0' on 5/18/2007			
B-5	565.81	409070.5707	1681013.131	5/18/2007	0.0-2.0	GrSa	Dark Brown	Wet	
					2.0-5.0	Sa	Brown	Wet	
					5.0-13.0	SaSi	Dark Brown	Wet	
					13.0-15.0	Si	Dark Brown	Wet	
					NLTD				
					NOTES:	Water @ 1.0' on 5/18/2007			
B-6	571.45	409109.6065	1680921.033	5/18/2007	0.0-5.0	GrSa	Brown	Moist	
					5.0-12.0	GrSa	Brown	Wet	
					12.0-15.0	Si	Dark Brown	Wet	
					NLTD				
					NOTES:	Water @ 5.0' on 5/18/2007			
B-7	573.57	409149.0957	1680828.324	4/5/2007	0.0-1.5	Si	Brown	Moist	Topsoil
					1.5-6.0	Si	Brown	Moist to Wet	
					6.0-8.0	SaSi	Brown	Wet	
					8.0-10.0	Si	Gray-Brown	Wet	
					NLTD				
B-8	580.06	409187.689	1680736.995	4/5/2007	0.0-1.5	Si	Brown	Moist	Topsoil
					1.5-3.0	SiSa	Brown	Moist	
					3.0-5.0	SiSa	Brown	Moist	
					5.0-10.0	Si	Brown	Wet	
					NLTD				
					NOTES:	Borehole collapsed @ 5.8'. Unable to obtain water level			
B-9	582.97	409226.8781	1680644.806	4/5/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-7.0	Si	Brown	Moist to Wet	
					7.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Borehole collapsed @ 5.8'. Unable to obtain water level			
B-10	585.62	409266.011	1680552.793	4/5/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-7.0	Si	Brown	Moist	
					7.0-10.0	Si	Brown	Wet	
					NLTD				
					NOTES:	Water @ 6.9' on 04/09/07			
B-11	587.27	409304.9775	1680460.742	4/5/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-8.0	Si	Brown	Moist to Wet	
					8.0-10.0	Si	Brown	Wet	
					NLTD				
					NOTES:	Water @ 7.5' on 04/09/07			
B-12	584.85	409344.0386	1680368.849	4/5/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-8.0	Si	Brown	Moist to Wet	
					8.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Borehole collapsed @ 5.1'. Unable to obtain water level			
B-13	578.38	409383.0369	1680277.078	4/5/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-5.0	Si	Brown	Moist to Wet	
					5.0-7.0	Si	Brown	Wet	
					7.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 1.8' on 04/09/07			
B-14	576.78	409403.082	1680178.749	4/5/2007	0.0-1.0	Si Tr. Organics	Dark Brown	Wet	
					1.0-3.0	SiSa	Brown	Wet	
					3.0-6.0	Si	Brown	Wet	
					6.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 1.2' on 04/09/07			

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DRILLER: HOLT					CHECKED BY: TDE				
BORING No.	ELEVATION	NORTHING	EASTING	DATE DRILLED	DEPTH INTERVAL	FIELD DESCRIPTION			COMMENTS
						SOIL TYPE	COLOR	MOISTURE	
B-15	577.91	409423.0732	1680080.659	4/5/2007	0.0-1.0	Si Tr. Organics	Dark Brown	Wet	
					1.0-2.5	SiSa	Brown	Wet	
					2.5-5.0	Si	Brown	Wet	
					5.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 1.2' on 04/09/07			
B-16	578.45	409443.0301	1679982.782	4/5/2007	0.0-1.0	Si Tr. Organics	Dark Brown	Wet	
					1.0-3.0	SaGr	Brown	Wet	
					3.0-5.0	Si	Gray-Brown	Wet	
					5.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 1.6' on 04/09/07			
B-17	579.22	409463.0105	1679884.756	4/5/2007	0.0-1.0	Si Tr. Organics	Dark Brown	Wet	
					1.0-3.0	Si	Brown	Wet	
					3.0-5.0	Gr	Brown	Wet	
					5.0-10.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 1.4' on 04/09/07			
B-18	581.13	409483.0227	1679786.613	3/28/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-6.0	Si	Brown	Wet	
					6.0-10.0	Si	Gray-Brown	Wet	
					NLTD				
					NOTES:	Water @ 0.9' on 03/29/07. Runoff entering hole.			
B-19	584.86	409502.9055	1679689.06	3/28/2007	0.0-1.0	Si	Brown	Moist	Topsoil
					1.0-11.0	Si	Brown	Moist to Wet	
					11.0-15.0	Sa	Gray-Brown	Wet	
					NLTD				
					NOTES:	Water @ 4.1' on 03/29/07			
B-20	582.07	409542.8639	1679492.744	3/28/2007	0.0-1.5	Si	Brown	Moist	Topsoil
					1.5-10.0	Si	Brown	Moist to Wet	
					10.0-15.0	Si	Gray-Brown	Wet	
					NLTD				
					NOTES:	Water @ 5.9' on 03/29/07			
B-21	585.79	409522.9481	1679590.767	3/28/2007	0.0-1.5	Si	Brown	Moist	Topsoil
					1.5-5.0	Si	Gray-Brown	Moist to Wet	
					5.0-9.0	Si	Gray	Wet	
					9.0-15.0	SaSi	Brown	Wet	
					NLTD				
					NOTES:	Water @ 0.4' on 03/29/07. Runoff entering hole.			
B-22	581.91	409582.5181	1679394.85	4/6/2007	0.0-5.0	SiGr	Brown	Moist	
					5.0-15.0	Si	Gray-Brown	Moist to Wet	
					15.0-20.0	Si	Gray	Wet	
					NLTD				
					NOTES:	Water @ 4.6' on 04/09/07.			
B-23	586.63	409580.5499	1679308.343	4/10/2007	0.0-2.0	Si	Brown	Moist	Fill
					2.0-7.0	Si	Brown	Moist	
					7.0-10.0	Si	Gray-Brown	Wet	
					NLTD				
					NOTES:	Water @ 6.8' on 04/11/07.			
B-24	585.47	409677.8993	1679329.644	4/10/2007	0.0-2.0	Si	Brown	Moist	Fill
					2.0-7.0	Si	Brown	Moist	
					7.0-10.0	Si	Gray-Brown	Wet	
					NLTD				
					NOTES:	Water @ 6.3' on 04/11/07.			
B-25	585.28	409775.7447	1679352.009	4/10/2007	0.0-2.0	SaSi	Brown	Moist	Fill
					2.0-4.0	Si	Brown	Moist	
					4.0-7.0	Si	Gray-Brown	Moist to Wet	
					7.0-10.0	Si	Brown	Wet	
					NLTD				
					NOTES:	Water @ 4.3' on 04/11/07.			
B-26	585.88	409873.7555	1679372.016	4/10/2007	0.0-1.5	SaSi	Dark Brown	Moist	Fill
					1.5-3.0	Si	Brown	Moist	
					3.0-7.0	Si	Gray-Brown	Moist to Wet	Possible Fill
					7.0-10.0	Si	Brown	Wet	
					NLTD				
					NOTES:	Water @ 4.3' on 04/11/07.			
B-27	585.29	409971.1791	1679394.279	4/10/2007	0.0-2.0	SiSa	Dark Brown	Moist	Fill
					2.0-6.0	Si	Gray-Brown	Moist	Possible Fill
					6.0-10.0	Si	Brown	Wet	
					NLTD				
					NOTES:	Water @ 3.6' on 04/11/07.			
B-28	584.93	410068.5132	1679416.502	4/10/2007	0.0-3.0	SiSa	Dark Brown	Moist	Fill
					3.0-10.0	Si	Light Gray	Moist to Wet	
					NLTD				
					NOTES:	Water @ 3.9' on 04/11/07.			

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DRILLER: HOLT					CHECKED BY: TDE					
BORING No.	ELEVATION	NORTHING	EASTING	DATE DRILLED	DEPTH INTERVAL	FIELD DESCRIPTION			COMMENTS	
						SOIL TYPE	COLOR	MOISTURE		
B-29	585.39	410166.4428	1679437.894	4/10/2007	0.0-3.0	SiSa	Dark Brown	Moist	Fill	
					3.0-10.0	Si	Light Gray	Moist to Wet		
					NLTD					
					NOTES:	Water @ 4.2' on 04/11/07.				
B-30	587.83	410263.7884	1679459.278	4/10/2007	0.0-3.0	SiSa	Dark Brown	Moist	Fill	
					3.0-6.0	Si	Light Gray	Moist		
					6.0-10.0	Si	Light Gray	Moist to Wet		
					NLTD					
					NOTES:	Water @ 4.6' on 04/11/07.				
B-31	590.00	410361.4162	1679481.157	4/10/2007	0.0-3.0	SiSa	Dark Brown	Moist	Fill	
					3.0-7.0	Si	Light Gray	Moist		
					7.0-10.0	Si	Light Gray	Moist to Wet		
					NLTD					
					NOTES:	Water @ 4.7' on 04/11/07.				
B-32	590.37	410458.8919	1679505.065	4/10/2007	0.0-3.0	SiSa	Dark Brown	Moist	Fill	
					3.0-5.0	Si	Light Gray	Moist		
					5.0-10.0	Si	Light Gray	Wet		
					NLTD					
					NOTES:	Water @ 4.8' on 04/11/07.				
B-33	592.57	410556.2295	1679527.845	4/10/2007	0.0-3.0	SaSi	Dark Brown	Moist	Fill	
					3.0-5.0	Si	Light Gray	Moist to Wet		
					5.0-10.0	Si	Light Gray	Wet		
					NLTD					
					NOTES:	Water @ 2.8' on 04/11/07.				
B-34	594.96	410653.2915	1679550.419	4/10/2007	0.0-2.0	Si	Dark Brown	Moist	Fill	
					2.0-7.0	Si	Brown	Wet		
					7.0-10.0	SaSi	Brown	Wet		
					NLTD					
					NOTES:	Water @ 2.3' on 04/11/07.				
B-35					Property owner pulled stakes. Location on lawn. Plan on doing hand steel for this location.					
B-36					Property owner pulled stakes. Location on lawn. Plan on doing hand steel for this location.					
B-37	604.26	410918.9715	1679620.243	4/10/2007	0.0-1.0	Si	Brown	Moist	Topsoll	
					1.0-3.0	Si	Brown	Moist		
					3.0-6.0	SaSi	Brown	Moist		
					6.0-10.0	SiSa	Brown	Moist		
					NLTD					
					NOTES:	Water @ 0.8' on 04/11/07. Water from ditch getting into borehole.				
B-38	607.83	411016.3696	1679644.107	4/10/2007	0.0-1.0	Si	Brown	Moist	Topsoll	
					1.0-6.0	SaSi	Brown	Moist		
					6.0-10.0	Si	Light Gray	Moist	Hardpan	
					NLTD					
					NOTES:	Boring location is in ditch. Water in ditch fills borehole.				
B-39	612.09	411113.5381	1679667.956	4/10/2007	0.0-1.0	Si	Brown	Moist	Topsoll	
					1.0-6.0	SaSi	Brown	Moist		
					6.0-10.0	Si	Light Gray	Moist	Hardpan	
					NLTD					
					NOTES:	Boring location is in ditch. Water in ditch fills borehole.				
B-40	615.90	411210.2453	1679692.742	4/11/2007	0.0-6.0	SaSi	Brown	Moist to Wet		
					6.0-9.0	Si	Brown	Moist	Hardpan	
					TLOB @ 9.0'					
					NOTES:	Boring location is in ditch. Water in ditch fills borehole.				
B-41	620.42	411305.8064	1679722.372	4/11/2007	0.0-4.0	Si	Brown	Moist		
					4.0-6.0	Si	Brown	Moist	Hardpan	
					TLOB @ 6.0'					
					NOTES:	Water @ 1.8' on 04/13/07.				
B-42	631.42				Ledge showing. Ledge continues at surface for about 50'.					
B-43	630.24	411483.9877	1679813.028	4/11/2007	0.0-6.0	SaSi	Brown	Moist		
					6.0-8.0	SiSa	Brown	Wet		
					8.0-10.0	Si	Brown	Moist	Hardpan	
					NLTD					
					NOTES:	Borehole collapsed @ 4.5'. Unable to obtain water level				
B-44	633.77	411570.2034	1679863.125	4/11/2007	0.0-5.0	Si	Brown	Moist		
					5.0-8.0	Si	Brown	Moist	Hardpan	
					TLOB @ 8.0'					
					NOTES:	Ledge showing 25' east of B-44. Borehole collapsed @ 6.5'. Unable to obtain water level				
B-45	633.52	411657.1183	1679912.659	4/11/2007	0.0-1.5	Si	Brown	Moist		
					1.5-3.5	Weathered Rock Particles				
					3.5-4.5	Rock Particles				
					CNPF					
					NOTES:	In probable Ledge. No water to depth.				
B-46	630.65	411747.2824	1679955.409	4/11/2007	0.0-1.0	Si	Dark Brown	Moist	Topsoll	
					1.0-9.5	Si	Brown	Moist		
					TLOB @ 9.5'					
					NOTES:	Water @ 3.6' on 04/13/07.				