

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
S-1	24/11	0.4-2.4	13-14 9-8	23	Medium dense, brown, fine to medium SAND, little SILT, trace GRAVEL. (A-2-4)			No Equipment Installed
S-2	24/14	5.0-7.0	3-2 3-3	5	Loose, brown, fine to medium SAND, little SILT. (A-2-4)	SAND		
S-3	24/14	10.0-12.0	3-5 5-7	10	Stiff, gray, CLAY & SILT. (A-4)	1800 W SILT AND CLAY		
S-4	24/18	15.0-17.0	3-3 2-4	5	S-4A: 15'-16': Medium stiff, gray, CLAY & SILT. (A-4) S-4B: 16'-17': Loose, brown, fine to medium SAND, trace SILT. (A-1-b)	1800 W SAND		
S-5	24/20	20.0-22.0	2-3 2-2	5	Medium stiff, gray, CLAY & SILT, trace Organics with layers of fine Sand. (A-4)	3800 W SILT AND CLAY		
S-6	24/19	25.0-27.0	2-3 4-4	7	Loose, brown, fine SAND, some SILT. (A-3)	SAND		
Bottom of boring at 27 feet below ground surface. No refusal.						370 W		

1. Laboratory sieve analysis performed on S-1.

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
S-1	24/4	0.4-2.4	18-19 8-8	27	Medium dense, brown, GRAVEL, some fine to medium Sand, little SILT. (A-2-4)			CONCRETE SEAL ROADWAY BOX
S-2	24/15	5.0-7.0	6-6 2-3	8	Loose, gray, SILT, some fine Sand, trace Organics. (A-4)	FILL		AUGER CUTTINGS 2" ID Solid Sph 40 PVC Well Riser
S-3	24/15	10.0-12.0	2-6 4-4	10	Loose, brown, fine to medium SAND, little SILT, trace GRAVEL, trace concrete fragments. (A-2-4)	1500 W SILT AND CLAY		10' BENTONITE SEAL 12"
S-4	24/20	15.0-17.0	4-5 5-8	10	Medium stiff, gray, CLAY & SILT. (A-4)	1700 W		FILTER SAND
S-5	24/20	20.0-22.0	4-6 4-6	10	Loose, brown, fine to medium SAND, trace SILT. (A-1-b)	SAND		2" ID Slotted Sph 40 PVC Well Screen (0.01" Slot)
S-6A	24/16	25.0-27.0	3-2 1-3	3	S-6A: 25'-25.7': Loose, brown, fine to medium SAND, trace SILT. (A-1-b) S-6B: 25.7'-27': Soft, gray, CLAY & SILT. (A-4)	350 W SILT AND CLAY		25'
Bottom of boring at 27 feet below ground surface. No refusal.						370 W		

1. Laboratory corrosivity testing performed on S-2.
2. Laboratory sieve analysis performed on S-3.

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
S-1	24/5	0.6-2.6	17-16 13-11	29	ASPHALT from 0 to 0.6'. Medium dense, gray, fine to medium SAND, little GRAVEL, little SILT. (A-2-4)	ASPHALT FILL		No Equipment Installed
Bottom of boring at 4 feet below ground surface. Auger refusal.						40 W		

1. Due to shallow refusal, moved approximately 5 feet south. See boring log B-3A.

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
ASPHALT from 0 to 0.6'. No samples obtained. See B-3 for soil descriptions.						ASPHALT		No Equipment Installed
Bottom of boring at 4 feet below ground surface. Auger refusal.								

1. Due to shallow refusal, moved approximately 5 feet south. See boring log B-3B.

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
ASPHALT from 0 to 0.6'.						ASPHALT		No Equipment Installed
S-1	24/6	5.0-7.0	22-8 10-29	18	Medium dense, brown, fine to medium SAND with concrete fragments. (A-1-b)	FILL		
S-2	24/19	10.0-12.0	6-4 4-5	8	Stiff, gray, CLAY & SILT, trace fine Sand, trace SILT. (A-4)	1800 W		
S-3	24/16	15.0-17.0	3-5 5-5	10	Stiff, gray, CLAY & SILT, trace fine Sand. (A-4)	SILT AND CLAY		
S-4	24/17	20.0-22.0	3-4 7-9	11	Loose, light brown, SILT, trace fine Sand. (A-4)			
S-5	24/18	25.0-27.0	4-11 12-15	23	Medium dense, light brown, SILT, trace fine Sand. (A-4)	3800 W SAND		
Bottom of boring at 27 feet below ground surface. No refusal.						370 W		

1. Laboratory sieve analysis, hydrometer testing and Atterberg limit testing performed on S-2.

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
S-1	24/21	0.0-2.0	2-2 2-2	4	Very loose, brown, fine SAND, little SILT, trace organics and roots. (A-3)	SILT		No Equipment Installed
S-2	24/20	5.0-7.0	4-4 6-5	10	Stiff, gray, SILT, trace fine Sand, trace Clay. (A-4)	530 W		
S-3	24/17	10.0-12.0	3-5 7-7	12	Stiff, gray, SILT, trace fine Sand, trace Clay. (A-4)			
S-4	24/20	15.0-17.0	3-5 5-8	10	Stiff, gray, SILT, trace fine Sand, trace Clay. (A-4)	SILT AND CLAY		
S-5	24/21	20.0-22.0	3-4 6-6	10	Stiff, gray, SILT, trace fine Sand, trace Clay. (A-4)			
S-6	24/24	25.0-27.0	3-3 4-4	7	Medium stiff, gray, clayey SILT, trace fine Sand. (A-4)			

1. Laboratory sieve analysis, hydrometer testing and Atterberg limit testing performed on S-2.
2. Obtained an undisturbed Shelby tube sample.

Sample Information		Stratum Desc.		Equipment Installed				
No.	Pen./Rec. (in)	Depth (ft)	Blows (/ft)	N Value	Description & Classification	Stratum Desc.	Remarks	Equipment Installed
U-1	29/29	30.6-32.4			PUSH			
S-7	24/24	35.0-37.0	4-5 5-6	10	Stiff, gray, clayey SILT, trace fine Sand, trace Clay. (A-4)			
S-8	24/24	40.0-42.0	3-5 6-6	11	Stiff, gray, SILT & CLAY. (A-4)	SILT AND CLAY		
S-9	24/21	45.0-47.0	3-4 6-7	10	Stiff, gray, SILT & CLAY. (A-4)			
S-10	24/23	50.0-52.0	3-4 5-5	9	Stiff, gray, SILT & CLAY. (A-4)			
S-11	24/16	55.0-57.0	12-15 17-20	32	Dense, brown, fine SAND, little SILT. (A-3)	3800 W SAND		
Bottom of boring at 57 feet below ground surface. No refusal.						370 W		

BORING LOG SHEET I

PROJECT NAME: HARTFORD
 PROJECT NUMBER: RS 0113(40)
 FILE NAME: z86c027borlog.DGN
 PROJECT LEADER: KEN UPMAL
 DESIGNED BY: K.ISHIKURA/E.ATKINS
 PLOT DATE: 1/6/2007
 DRAWN BY: P. MILEWSKI
 CHECKED BY: K. ISHIKURA
 SHEET 151 OF 239