

Honeywell

Site: Onondaga Lake (Syracuse NY)

Date: 10/09/2006

Weather: Clear, about 70 deg F.

Depth Units: Ft

[illegible]

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Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Date: 10/09/2006

Weather: Clear, about 70 deg F.

Rig Type: CME75

Depth Units: Ft

[illegible]

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Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
140		OL-0227-01								
		OL-0228-01	22-21-24-22	45	0		GM	Wet, medium dense, gray to dark gray cmf GRAVEL and cmf SAND, trace red and green silt. Poorly sorted green/gray very stiff silt in shoe (shale).	2SS-140H	
								Geoprobe discrete sample failed.		
145		OL-0228-02/OL-0229-0	35-21-32-29	53	0		SM/GM	Wet, dense, light to dark gray cmf SAND and cmf GRAVEL trace red silt, poorly sorted, stiff, red silt in shoe (till).	2SS-140H	
			32-27-23-24	50	0		GM/ML	Top 6 inches: Wet, dense, light to dark gray cmf SAND and cmf GRAVEL, trace red and green silt, poorly sorted (SM/GM). Bottom 6 inches: Wet, hard, red to green SILT and CLAY and cmf GRAVEL, low plasticity (till transition)	2SS-140H	
150			107-43-64-71	107	0		ML	Moist, hard, red SILT, some clay, little cm gravel, low plasticity.	2SS-140H	
			39-100-200/0.5	300	0		ML	Moist, hard red SILT, some clay, some cm gravel, trace f sand, low plasticity.	2SS-140H	
			108-59-118-99	177	0		ML	Moist, hard, red SILT, some cm gravel, little f sand, trace clay, low plasticity.	2SS-140H	
155			100-133-136-136	269	0		ML	Dry, hard, red SILT, some cm gravel, trace clay, low plasticity.	2SS-140H	
160			103-160-158-200	318	0			No Recovery	2SS-140H	

BORING LOG

Page 9 of 9

Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-STA-10108

Date: 10/09/2006

Weather: Clear, about 70 deg F.

Northing: 1118335.7

Easting: 924813.4

Mud Line: NA

Surface Water Depth: NA

Drilling Company: Atlantic Testing

Logging Company: Parsons

Geologist: Matt Vetter

Rig Type: CME75

Total Depth: 179.0 Ft

Water Elev: NA

Depth Units: Ft

Depth Ft	Reco	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
160										
			55-96-122-129	218	0		ML/GM	Moist, hard, red/brown SILT and cmf GRAVEL, trace clay, shale fragments in shoe, low plasticity.	2SS-140H	
165			52-48-49-75	97	0		ML/GM	Moist, hard, red to gray/green SILT, and CLAY, some cmf gravel (mostly weathered shale), low plasticity.	2SS-140H	
170					0			Run 1: Gray shale changing to soft green/gray shale with gypsum crystals at the bottom.	Rock Core	
175					0			Run 2: Green/gray, relatively soft shale with dark gray shale bedding from 176.25 to 177.575. Vertical gypsum bed from 174 to 175.5. Large horizontal gypsum bed at 174.45. Alternating gypsum bedding from 177 to 179.	Rock Core	
179.0										

Null field readings indicate a reading was not taken.

Honeywell

Site: Onondaga Lake (Syracuse NY)

Date: 09/19/2006 - 10/06/2006

Weather: Mostly cloudy, 65 deg F

Easting: 920460.32

Mud Line: NA

Surface Water Depth: NA

Drilling Company: Atlantic Testing

Logging Company: Parsons

Geologist: Matt Vetter

Rig Type: CME75

Total Depth: 121.0 Ft

Water Elev: NA

Depth Units: Ft

[illegible]

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Site: Onondaga Lake (Syracuse NY)

Date: 09/19/2006 - 10/06/2006

Weather: Mostly cloudy, 65 deg F

Depth Units: Ft

[illegible]

BORING LOG

Page 3 of 7

Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-STA-30033

Date: 09/19/2006 - 10/06/2006

Weather: Mostly cloudy, 65 deg F

Northing: 1122344.57

Easting: 920460.32

Mud Line: NA

Surface Water Depth: NA

Drilling Company: Atlantic Testing

Logging Company: Parsons

Geologist: Matt Vetter

Rig Type: CME75

Total Depth: 121.0 Ft

Water Elev: NA

Depth Units: Ft

Depth Ft	Reco	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
40			WR-WR-WR-WR	0	0		ML/CL	Moist, very soft, gray with alternating lenses of dark gray SILT and CLAY, slight sulfur odor, medium plasticity.	2SS-140H	Marl
45		OL-0176-01	WR-WR-WR-WR	0	0		CL	Moist, very soft, red/brown CLAY, little silt, little black friable organics, medium to high plasticity.	2SS-140H	Clay
					0		CL	Shelby Tube Collected	Shelby	
50		OL-0176-02	WR-WR-WR-WR	0	0		CL	Moist, very soft, red/brown CLAY, little silt, trace black friable organics, medium to high plasticity.	2SS-140H	
					0		CL	Shelby Tube Collected	Shelby	
		OL-0176-03	WR-WR-WR-WR	0	0		CL	Moist, very soft, red/brown CLAY, little silt, trace black friable organics, medium to high plasticity.	2SS-140H	
55			WR-WR-WR-12	0	0		CL/ML	Top 1.5 ft, same as above. Bottom 6 inches: Moist, stiff, red/brown SILT, little clay, little f sand, low plasticity.	2SS-140H	
		OL-0177-01	10-8-3-3	11	0		ML	Moist, stiff to soft, red/brown SILT, some f sand, trace clay, low plasticity.	2SS-140H	Silt/fine sand
60			39-20-21-14	41			ML	Moist, very stiff, red/brown SILT, some f sand, low plasticity.	2SS-140H	

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Page 4 of 7

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Boring No: OL-STA-30033

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Northing: 1122344.57

Easting: 920460.32

Mud Line: NA

Surface Water Depth: NA

Drilling Company: Atlantic Testing

Logging Company: Parsons

Geologist: Matt Vetter

Rig Type: CME75

Total Depth: 121.0 Ft

Water Elev: NA

Depth Units: Ft

Depth Ft	Reco	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
60			39-20-21-14	41			ML	Moist, very stiff, red/brown SILT, some f sand, low plasticity.	2SS-140H	
		OL-0177-02						Collected porewater sample with Geoprobe discrete sampler.		
		OL-0177-03	8-10-7-5	17	0		ML/SM	Wet, medium stiff, red/brown f SAND and SILT, low plasticity.	2SS-140H	
65		OL-0178-01						Collected porewater sample with Geoprobe discrete sampler.		
		OL-0178-02	11-5-7-WH	12	0		SM/ML	Wet, stiff to very soft, red/brown SILT and f sand, low plasticity.	2SS-140H	
		OL-0178-03						Collected porewater sample with Geoprobe discrete sampler.		
70		OL-0178-04	12-4-5-3	9	0		SM/ML	Wet, stiff to soft, red/brown f SAND and Silt, low plasticity.	2SS-140H	
			WH-22-29-31	51	0.2		SM/ML	Wet, very soft to very stiff, red/brown f SAND and SILT, trace clay, low plasticity, sand content increasing with depth.	2SS-140H	
75			32-28-34-28	62	1.6		SP	Wet, very stiff, red/brown f SAND, little silt, well sorted.	2SS-140H	
		OL-0179-01	16-10-8-10	18	3.3		SW	Wet, loose, gray, mf SAND, little red silt in bottom of spoon, trace mf gravel, poorly sorted.	2SS-140H	
		OL-0180-01						Collected porewater sample with Geoprobe discrete sampler.		
80										

Silt/fine sand

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Page 5 of 7

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80		OL-0180-01						Collected porewater sample with Geoprobe discrete sampler.		
			17-10-8-8	18	6.3		SM	Wet, loose, red/brown f SAND, some silt, well sorted.	2SS-140H	
			16-17-18-15	35	10.2		SP	Wet, medium dense, gray and red/brown f SAND, little silt, well sorted.	2SS-140H	
85			10-9-11-12	20	26.4		SP	Wet, medium dense, gray mf SAND, trace silt.	2SS-140H	
			9-9-10-12	19	7.6		SP	Wet, medium dense, gray mf SAND, trace silt.	2SS-140H	
90			16-18-16-15	34	5.2		SP	Wet, medium dense, gray mf SAND, trace silt, trace f gravel, well sorted.	2SS-140H	Silt/fine sand
			3-WH-WH-4	0	12.6		SP	Wet, medium dense, gray mf SAND, trace silt, trace f gravel, well sorted.	2SS-140H	
			11-10-15-14	25	7.7		SP	Wet, medium dense, gray mf SAND, trace silt, trace f gravel, well sorted.	2SS-140H	
95			8-8-8-8	16	3.5		SP	Wet, loose, gray, f SAND, trace silt, well sorted.	2SS-140H	
			3-6-10-11	16	6.1		SP	Wet, loose, gray, f SAND, trace silt, well sorted.	2SS-140H	
100			6-12-12-12	24	5.2		SP	Wet, loose to medium dense f SAND, trace silt, well sorted.	2SS-140H	

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120		OL-0179-01			0.5				Rock Core	Bedrock
121.0										

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