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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Water Elev: NA Depth Units: Ft

Total Depth: 179.0 Ft

>		1/19	i iype.	CIVIE73						
Depth	Recov	Sample		N		Mercury	1	Cail Decembring	Sample	Ctura tu una
Ft	R	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0								Wet, very soft, light gray, silt		
† †			WR-WR-WR	0	41.9		SOLW	Wet, very soft, light gray, silt like grains, low plasticity, mothball like odor.	2SS-140H	
5 +										
			WR-WR-WR	0	107		SOLW	Wet, very soft, light gray/green, silt like grains, low plasticity, mothball like odor.	2SS-140H	
10 -										SOLVAY WAS
- - - -			WR-WR-WR	0	13.1		SOLW	Moist, very soft, light gray/green silt like grains, low plasticity, mothball like odor, trace brown staining.	2SS-140H	
15 —										
†			WR-WR-WR	0	7.8		SOLW	Moist, very soft, light gray/green silt like grains, thin black lenses at 19, 21, and 24 inches, low plasticity, mothball like odor, trace brown staining	2SS-140H	
20			L	L l			L			

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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Water Elev: NA Depth Units: Ft

Total Depth: 179.0 Ft

Suriace		iter Deptr	I. INA	KIÇ	i ype:	CME/5				
Depth	Recov	Sample	Blow	N	PID	Mercury	uscs		Sample	04
Ft	Re	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratur
20			WR-WR-WR	0	8.6		solw	Wet, very soft, light gray/greenish silt like grains, darker gray seams 0 to 1, 14 to 15.5 inches, low plasticity, mothball like odor.	2SS-140H	
25 +										SOLVAY WA
†			WR-WR-WR	0	11.1		SOLW	Wet, very soft, light gray/green silt like grains, dark gray seams from 9 to 17 inches, low plasticity, mothbal like odor.	I 2SS-140H	
30 +										
+			WR-WR-WR	0	10.8		ML	Top 6 inches: Wet, very soft, light gray/green silt like grains, low plastici mothball like odor. Bottom 1.5 inches Wet, very soft, black SILT, trace clay, trace f gravel, low plasticity, sulfur odor.	ty, 2SS-140H	
5 +										011.7
			WR-WR-WR-WR	0	10.7		ML	Wet, very soft, light gray grading to dark gray SILT, some clay, trace f gravel, low plasticity, mothball odor.	2SS-140H	SILT
₀				L (L			

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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

Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Total Depth: 179.0 Ft Water Elev: NA Depth Units: Ft

Surface	e Wa	ater Depth	n: NA	Rig	g Type:	CME75				
Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)		Soil Description	Sample Method	Stratum
40		15	Count	value	(ppiii)	(mg/mo)	Souc			
			WR-WR-WR-WR	0	2.1		SOLW	Moist, very soft, light gray with red staining, silt like grains, low plast mothball like odor.	2SS-140H	
45 —										SOLVAY WASTI
	0	L-0213-01/OL-021:	:-WR-WR-WR-WR	0	4.8		ML	Moist, very soft, gray/olive SILT, some clay, trace shell fragments, sull odor.	fur 2SS-140H	
50 +										
			WR-WR-WR	0	0.2		ML	Moist, very soft, olive gray SILT and CLAY, trace organics (plant mate shell fragments).	erial, 2SS-140H	Marl
55 —										
			WR-WR-WR	0	0		ML	Moist, very soft, dark gray and light gray SILT and CLAY, trace orgal (plant material and shell fragments) appears varved-light and dark gray, slight sulfur odors.	2SS-140H	
60					L					

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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Water Elev: NA Depth Units: Ft

Total Depth: 179.0 Ft

Depth	Recov	Sample	Blow	N	PID	Mercury	USCS		Sample	
Ft	Re	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratur
50										Marl
+		OL-0218-01	WR-WR-WR	0	0		CL	Moist, very soft, gray/dark gray, varved, CLAY and SILT, trace organics (plant material), cohesive.	2SS-140H	
35 +		OL-0267-01			0		CL	U-1: 25 inches Recovery Top: Gray Clay and Silt. Bottom: Gray Clay and Silt.	Shelby	
† †		OL-0218-02	WR-WR-WR	0	0		CL	Moist, very soft, dark and light gray varved CLAY and SILT, trace organi (plant material), cohesive.	cs 2SS-140H	
†		OL-0267-02					CL	U-2: 25 inches recovery Top: Dark gray Bottom: Dark gray Clay	Shelby	
70 +		OL-0223-01	WR-WR-WR	0	0		CL	Top 1 foot: Moist, very soft, gray/dark gray, CLAY, some silt, cohesive. Bottom 1 foot: Moist, very soft, dark gray clayey SILT, cohesive.	2SS-140H	Clay
Ī			WR-WR-WR	0	0		CL	Moist, dark and light gray, varved CLAY and SILT, cohesive.	2SS-140H	
75			WR-WR-WR	0	0		CL	Moist, dark and light gray, varved CLAY and SILT, cohesive.	2SS-140H	
			WR-WR-WR	0	0		CL	Moist, dark and light gray, varved CLAY and SILT, cohesive.	2SS-140H	
			WR-WR-WR	0	0		CL	Moist, dark and light gray, varved CLAY and SILT, cohesive. Thickening in silt layers.	-2SS-140H	

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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Water Elev: NA Depth Units: Ft

Total Depth: 179.0 Ft

			تسلم	i iype.					
Depth S	Sample	Blow	N	PID	Mercury	uscs		Sample	
	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
80		WR-WR-WR	0	0		CL	Moist, dark gray and light brown varved CLAY and SILT. Brown silt cont trace shell fragments in shoe.	ained 2SS-140H	
†		WR-WR-WR	0	0		CL	Moist, dark gray and light brown varved CLAY and SILT, trace organics (plant material), cohesive.	2SS-140H	
85 +		WR-WR-WR	0	0		CL	Moist/Wet, brown and black/dark gray, lightly varved SILT and CLAY, ver soft.	2SS-140H	
		WR-WR-WR	0	0		CL	Moist, brown and dark gray/black varved CLAY, some silt, cohesive, high plasticity.	1 2SS-140H	
		WR-WR-WR-WR	0	0		CL	Moist, very soft, red/brown to dark brown/black varved CLAY, trace shigh plasticity.	silt, 288-140H	
90 +									Clay
95		WR-WR-WR	0	0		CL	Moist, very soft, red/brown to dark brown/black varved CLAY, trace shigh plasticity.	silt, 2SS-140H	
							Moist very soft red/brown to		
+		WR-WR-WR	0	0		CL	Moist, very soft, red/brown to dark brown/black varved CLAY, trace s high plasticity.	silt, 2SS-140H	

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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter Total Depth: 179.0 Ft Water Elev: NA Depth Units: Ft

	>	· ·		٠			I	l	T -	T
Depth	Recov	Sample	Blow	N	PID	Mercury		Soil Description	Sample	1 04 4
Ft	R	ID	Count	Value	(ppm)	(mg/m3)	Code	3011 Description	Method	Stratum
100										
105			WR-WR-WR	0	0		CL	Moist, very soft, red/brown to dark brown/black varved CLAY, trace high plasticity. Less varved layers, light organic like odor, high plasticity.	silt, 2SS-140H	
-										
110			WR-WR-WR	0			CL	Moist, very soft, red/brown CLAY, trace silt, high plasticity.	2SS-140H	- Clay
-										
115			WR-WR-WR	0	1.1		CL	Moist, very soft, red/brown CLAY, trace silt, high plasticity, light to darker varving.	2SS-140H	-
_										
_			WR-WR-WR	0	0		CL	Moist, very soft, red/brown CLAY, trace silt, high plasticity.	2SS-140H	
120							<u> </u>		I	⊥

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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter Total Depth: 179.0 Ft Water Elev: NA Depth Units: Ft

Depth Sample Ft & ID			Mercury		Soil Description	Sample	Stratum
	Count Valu	ue (ppm)	(mg/m3)	Code	Ooli Description	Method	Ottatuiii
120							Clay
-	WR-WR-20-17 20	0		CL/ML	Top 1 ft 4 inches: Moist, very soft to very stiff, red/brown CLAY, high plas Bottom 8 inches: Moist, very stiff, red/b SILT and CLAY, medium plasticity.	ticity. prown _{2SS-140H}	
125							
	226-4WR-WR-WR-5 0	0		ML	Wet, very soft to medium stiff, brown SILT, trace f sand, trace clay, trace c gravel (shale), low to medium plasticity.	2SS-140H	
- OL-0226-0	3 WR-WR-5-7 5	0		ML	Wet, very soft to medium stiff, brown SILT, trace f sand, trace clay, trace cmf gravel (shale with gypsum crystals), low to medium plasticity.	2SS-140H	
					Porewater sample with geoprobe discrete sampler failed.		Silt/fine sand
135	41-40-21-100/0.4 61	1 0		ML	Moist, hard, brown SILT, with some clay, trace f sand, trace f gravel (gypsum crystals), low plasticity.	2SS-140H	
OL-0227-0	1 130-100-65-57 16	5 0		GM	Wet, very hard, gray cmf GRAVEL, some f gray sand, little red silt. Poorly lsorted. Large_piece_of rock (schist) in_s	2SS-140H	

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Site: Onondaga Lake (Syracuse NY)

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Date: 10/09/2006

Weather: Clear, about 70 deg F.

Northing: 1118335.7 Easting: 924813.4 Mud Line: NA Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Water Elev: NA Depth Units: Ft

Total Depth: 179.0 Ft

					Mercury				_
Recov	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratur
	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.		Sand/Gra
Ol	0228-02/OL-0229	0 35-21-32-29	53	0			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	
		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	Till
		100-133-136-136	269	0		ML	Dry, hard, red SILT, some cm gravel, trace clay, low plasticity.	2SS-140H	
			240	0			No Recovery	200 4401	
			100-133-136-136					100-133-136-136 269 0 ML trace clay, low plasticity.	100-133-136-136 269 0 ML trace clay, low plasticity. No Recovery

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Northing: 1118335.7 Easting: 924813.4 Mud Line: NA Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter Total Depth: 179.0 Ft Water Elev: NA Depth Units: Ft

	T = T		-				<u> </u>		
Depth	Sample ID	Blow	N	PID	Mercury	uscs		Sample	Ctuations
Ft	& ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	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	Till
							Run 1: Gray shale changing to soft green/gray shale with gypsum crystals at the bottom.		
170	QL-0230-01/OL-02	939-0		0				Rock Core	
175	OL-0230-01/OL-02	330-0		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	Bedrock
179. 0		N	ull field i	readings ir	ndicate a rea	ding was i	not taken.		

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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 Drilling Company: Atlantic Testing Logging Company: Parsons Geologist: Matt Vetter

Water Elev: NA Depth Units: Ft

Total Depth: 121.0 Ft

	<u> </u>	1	<u> </u>			I			I
Depth	Sample ID	Blow	N	PID	Mercury	USCS		Sample	044
	₩ ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0		WR-WR-WR-WR	0	0.2		SOLW	Wet, very soft, green/gray to white silt like grains. Trace solvay waste crust, low plasticity, mothball odor, solvay waste.	2SS-140H	
5		1-3-4-4	7	0.3		SOLW	Moist, very soft, white silt like grains, trace brown NAPL like globule Medium plasticity, mothball like odor. Solvay Waste	2SS-140H	
10		4-3-1-WH	4	1.1		SOLW	Moist, very soft, white silt like grains, trace green/gray grains. Mediu plasticity, slight mothball odor. Solvay Waste	um 2SS-140H	Solvay Waste
15 -		WR-WR-WR	0	3.1		SOLW	Moist, very soft, white silt like grains, medium plasticity, organic odo solvay waste.	or, 2SS-140H	
20									

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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

Sulla	Surface Water Depth. NA			L	i iype.					
Depth		Sample ID	Blow	N	PID	Mercury	USCS		Sample	_
Ft	ď		Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
20		OL-0175-01	WR-WR-WR-WR	0	0.1		ML	Moist, very soft, dark gray to brown SILT, trace shells, sulfur odor, medium plasticity.	2 53RAB H	
25			WR-WR-WR-WR	0	0		ML/CL	Moist, very soft, dark gray to brown SILT and CLAY, sulfur odor, me plasticity.	edium 2SS-140H	
30 +			WR-WR-WR-WR	0	0		ML/CL	Moist, very soft, dark gray to brown SILT and CLAY, slight sulfur od medium plasticity.	or, 2SS-140H	Marl
-										
35			WR-WR-WR-WR	0	0.1		ML/CL	Wet, very soft, dark gray to black SILT and CLAY, slight sulfur odor, med plasticity.	dium 2SS-140H	
40 ⊥	. L	_L	L	L	L		L	L		L

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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

	<u> </u>		<u> </u>		l.,			Τ	
	ample	Blow	N	PID	Mercury		Soil Description	Sample	Stratum
Ft & 40	ID	Count wr-wr-wr	Value 0	(ppm) 0	(mg/m3)	Code ML/CL	Moist, very soft, gray with alternating lenses of dark gray SILT and CLAY, slight sulfur odor, medium plasticity.	Method 2SS-140H	Guatam
									Marl
45 - OL	0176-01	WR-WR-WR	0	0		CL	Moist, very soft, red/brown CLAY, little silt, little black friable organics, medium to high plasticity.	2SS-140H	
				0		CL	Shelby Tube Collected	Shelby	
50 — OL	0176-02	WR-WR-WR	0	0		CL	Moist, very soft, red/brown CLAY, little silt, trace black friable organics, medium to high plasticity.	2SS-140H	Clay
_				0		CL	Shelby Tube Collected	Shelby	
	0176-03	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	ZSS-140H	Silt/fine sand
		39-20-21-14	41			ML	Moist, very stiff, red/brown SILT, some f sand, low plasticity.	2SS-140H	

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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

Drilling Company: Atlantic Testing

Logging Company: Parsons Geologist: Matt Vetter

Total Depth: 121.0 Ft Water Elev: NA

Depth Units: Ft

Surface Water Depth: NA				Rig	Type:	CME75				
Depth	COV	Sample	Blow	N	PID	Mercury	USCS		Sample	
Ft	Re	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratun
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	
70		OL-0178-03						Collected porewater sample with Geoprobe discrete sampler.		Silt/fine sand
		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 plas sand content increasing with depth.	ticity, 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	
80 1		OL-0180-01						Collected porewater sample with Geoprobe discrete sampler.		

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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 Drilling Company: Atlantic Testing Logging Company: Parsons

Total Depth: 121.0 Ft Water Elev: NA

Mud Line: NA

Geologist: Matt Vetter

Depth Units: Ft

Depth	Recov	Sample	Blow	N	PID	Mercury	USCS		Sample	Ctuation
Ft	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratur
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	
Ī			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 sa
Ī			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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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

Drilling Company: Atlantic Testing

Logging Company: Parsons

Geologist: Matt Vetter

Total Depth: 121.0 Ft
Water Elev: NA
Depth Units: Ft

			1	, .,,	1	1			
Depth §	Sample	Blow	N	PID	Mercury	USCS		Sample	
Ft	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratur
100		6-12-12-12	24	5.2		SP	Wet, loose to medium dense f SAND, trace silt, well sorted.	2SS-140H	Silt/fine san
Ť	0182-01/OL-0184	-o 3-18- 4 3-38	61	10.2		GW	Top 1 ft: Same as above. Bottom 1 ft: Moist, dense gray to red/brown cmf SAND and cmf GRAVEL, trace silt, poor sorted.	ly 2SS-140H	
							Failed at attempt to collect porewater sample with Geoprobe discrete sampler.		Sand/Grav
105		27-34-28-29	62	1.5		ML	Top 6 inches: Wet, medium dense, red/brown to gray cmf SAND and cmf GRAVEL, little silt, poorly sorted. Bottom inches: Moist, very stiff, red to gray green SILT and weathered shale.	3 _{2SS-140H}	
		31-36-37-44	73	3.4		ML	Top 10 inches: Moist, hard red SILT, trace f sand, trace f gravel, low plasticity Bottom 10 inches: Moist dense, red/brov f SAND and SILT, poorly sorted.	vn _{2SS-140H}	Till
110		82-66-200/0.4	266	2.5		ML	Top 2 inches: Moist, very dense, red/brown SILT and f SAND, trace c grav Bottom 4 inches: Dry, hard, gray SILT ar CLAY, some fragments of shale (Bedroc	vel. nd k).	
115	OL-0179-01			0.5			Run 1: Shale, gray, fine grained, soft, calcite and gypsum throughout core Horizontal fractures throughout. Weathe RQD: 0%	e. red. Rock Core	Bedrock
	OL-0179-01			0.5			Run 2: Top 11 inches same as above. Bottom 3 feet: Shale, green/gray soft, calcite and gypsum throughout. All horiz fracture RQD: 35%.	ontal Rock Core	

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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	cov	Sample	Blow	N	PID	Mercury	USCS		Sample	
Ft	Re	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
120		OL-0179-01			0.5				Rock Core	Bedrock
121. 0			Ni	III fiold r	oodings ir	dicata a roa	ding was r	l and taken		

Null field readings indicate a reading was not taken.