Relinquished:			Date/	Time:		Relinqu	ished: _			Date	/Time:					
Received:			Date/	Time:		Receive	ed: _			Date	/Time:					
Location ID	Dat	e Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-20067	9/26/2	006 14:40	1120067.34	921495.87	28	362.9	334.9	SOIL	SEDIMENT	✓	3	12	11.5	✓	0	0
Comments: Mu Upper depth (ft): Sample Descriptio	0	Lower de	<i>pth (ft):</i> 3.3		ML		PID:	0.2	Jerome:	0	metal and othe	er materials found.				
Upper depth (ft): Sample Descriptio			pth (ft): 6.6 ack, SILT, fine	USCS:		ense towa		0.3 ottom of	Jerome: the core.	0						
Upper depth (ft): Sample Descriptio	n:	Lower de Wet, soft, bl odor, low pla	ack-brown, SI	USCS: LT, little clay, tr		sand, blad		0.5 oration a	Jerome: at 7 inches, re	-	medium de	ense to dense	, fine SANI	O and SIL	.T, cem	ıet-like
Upper depth (ft):	9.9	Lower de	<i>pth (ft):</i> 11.	5 USCS:	SM		PID:	0.2	Jerome:	0						
Sample Descriptio	n:	Wet, mediur	m dense, blac	k, fine SAND, li	ittle SILT,	trace wo	od fragm	ents, tra	ce coarse su	ıbrounded gr	avel, organ	ic odor.				

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-20068	9/25/2006	12:30	1119832.35	921526.42	13.3	362.9	349.6	SOIL	SEDIMENT	✓	2	20	19.8			
Comments: Mul	tiple attempts.	Previous at	tempt comments:	Went too far attemp	t again same	e location.						•	•			
Upper depth (ft): Sample Descriptio		Lower dep	• 1	USCS: D and SILT, tra		ics, trace	PID:		Jerome: or, (MARL).	0						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i> et, soft, gra	•	USCS:		cs, trace s	<i>PID:</i> shells, su		Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> et, soft, gra	• /	USCS:		cs, trace s	<i>PID:</i> shells, su		Jerome:	0						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i> et, soft, gra	• /	2 USCS: e fine SAND, li		trace she	<i>PID:</i> ells, sulfur		Jerome: MARL).	0						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i> et, soft, gr	• 1	5 <i>USCS</i> : CLAY, little fine		ittle shells	<i>PID:</i> s, modera		Jerome: icity, sulfur o	-						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i>	• /	8 <i>USCS:</i> CLAY, little fine		ittle shells	<i>PID:</i> s, modera		Jerome:	-						

Relinquished:				D	ate/T	ime:		Relinqu	ished: _			Date	Time:					
Received:				D	ate/T	ime:	_	Receive	d: _			Date/	'Time:					
Location ID	Dat	te	Time	Northi	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-20069	9/26/2	2006	09:00	111961	1.81	921376.75	2	362.9	360.9	SOIL	SEDIMENT	✓	1	20	17.8			
Comments:												<u>. </u>			•			
Upper depth (ft): Sample Description		0 to		es is wet		USCS: black, SILT and Rest of core is	d fine SA			s, petro		or, 15 to 36 i		et, soft, dark g	ıray SILT, li	ttle clay,	trace fi	ne sar
Upper depth (ft): Sample Descriptio		Тор		• •		USCS: grayish white, S MARL).		I fine SAN	<i>PID:</i> ID, some		Jerome: es. Rest of co		ry soft to so	oft, gray, SILT	and fine S	AND, trad	ce orga	nics,
Upper depth (ft):	3.3	1	Lower de _l	pth (ft):	6.6	USCS:	SM		PID:	0.8	Jerome:	0						
Sample Description	n:			es: wet, sulfur od		grayish white, \$ IARL).	SILT and	I fine SAN	ID, some	oncolite	s. Rest of co	ore is wet, ve	ry soft to so	oft, gray, SILT	and fine S	AND, trad	ce orga	nics,
Upper depth (ft): Sample Description	6.6 n:		<i>Lower dep</i> , very so	• •	9.9 gray,	USCS: SILT and fine		race orga	<i>PID:</i> inics, trac		Jerome: , sulfur odor,							
Upper depth (ft):	9.9	1	Lower de	oth (ft):	13.2	2 USCS:	SM		PID:	0.4	Jerome:	0						
Sample Description	n:			s is wet, s oncolites.		ray, SILT, som	ne fine sa	ind, trace	clay, low	plasticit	y. Rest of co	ore is wet, so	ft, dark gra	y, SILT and fi	ne SAND, 1	race clay	in bott	om of
Upper depth (ft):	13.2	1	Lower de _l	pth (ft):	16.5	USCS:	ML		PID:	0.5	Jerome:	0						
Sample Description	n:					o medium stiff,									dense red-	brown SI	LT, little	e fine



Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
F	Received:			Date/T	ime:	_	Receive	ed: _			Date	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
1	OL-VC-20069	9/26/2006	09:00	1119611.81	921376.75	2	362.9	360.9	SOIL	SEDIMENT	~	1	20	17.8			
1	Comments:				•								•				·

Upper depth (ft): 16.5 Lower depth (ft): 17.8 USCS: CL PID: 0.2 Jerome: 0

Sample Description: Moist, medium stiff, red-brown CLAY and SILT, high plasticity.

Relinquished:			Date	/Time:		Relinqu	ished: _			Date	Time:					
Received:			Date	/Time:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-20070	9/26/200	06 10:33	1119473.16	921495.5	1.5	362.8	361.3	SOIL	SEDIMENT	✓	1	20	18.2			
Comments:																
Upper depth (ft): Sample Descriptio	n: 0		es is wet, loc	.3 USCS ose , black, fine os, slight petrole				organics		ike odor, trac						
Upper depth (ft):	3.3	Lower de	<i>pth (ft):</i> 6	.6 <i>USC</i> S	S: ML		PID:	0.7	Jerome:	0						
Sample Description	<i>n:</i> V	et soft, gra	ay, SILT, sor	me fine sand, tr	ace clay, t	race shel	ls, trace o	organics	, sulfur odor,	(MARL).						
Upper depth (ft):	6.6	Lower de	<i>pth (ft):</i> 9	.9 USCS	S: ML		PID:	0.3	Jerome:	0						
Sample Description			es is wet, so ttle to trace o	ft, gray, SILT, li lay.	ittle fine sa	nd, trace	clay, low	plasticit	y, trace orga	nics, slight s	ulfur odor.	Rest of core i	s wet, soft,	dark gra	y, SILT	, little
Upper depth (ft):	9.9	Lower de	<i>pth</i> (<i>ft</i>): 1	3.2 <i>USC</i> 5	S: ML		PID:	0.3	Jerome:	0						
Sample Description				oft, gray, SILT, es. Rest of core								red-brown, fin	e SAND ar	nd SILT, I	olack o	ganic
Upper depth (ft): Sample Descriptio	13.2 n: N	Lower de loist, medi	1	6.5 <i>USCS</i> brown CLAY, s	6: CL ome silt, h	igh plasti		0.2	Jerome:	0						
11 1 0 /	16.5	Lower de			S: CL			0.5	Jerome:	0						
Sample Description	<i>n:</i> №	ıoıst, medil	um stiff, red-	brown CLAY aı	na SILI, M	ioderate p	DIASTICITY.									

Relinquished:			Date/	Time:		Relinqu	ished: _			Date/	Time:					
Received:			Date/	Time:		Receive	d: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-20071	9/27/2006	11:10	1119428.66	921703.69	3.2	362.9	359.7	SOIL	SEDIMENT	✓	2	20	16.5			
Comments: 2nd	attempt yielde	ed 12 ft. Only	y 5 sections.										•			
L	0	Lower dep	oth (ft): 3.3	B USCS:	MI		PID:	4.5	Jerome:	0						
Upper depth (ft): Sample Description	3.3	Lower dep	oth (ft): 6.6	Ifur odor, (MARI S USCS: fine sand, trace	ML	tle oncolit	PID: es, trace		<i>Jerome:</i> sulfur odor, (I							
Upper depth (ft):	6.6	Lower dep	oth (ft): 9.9	USCS:	ML		PID:	3.2	Jerome:	0						
Sample Description	ı: We	t, soft, gra	ay, SILT, little	to some fine sa	and, trace	e clay, tra	ce shells	, trace o	rganics, sulf	ur odor, (MAF	RL).					
Upper depth (ft):	9.9	Lower dep	oth (ft): 13.	.2 USCS:	ML		PID:	1.1	Jerome:	0						
Sample Description		17 inche ht sulfur d		, gray SILT, little	e fine san	nd, little cl	ay, sulfur	odor. F	Rest of core i	s wet, soft, d	ark gray, S	ILT, little fine	sand, little	clay, som	e onco	lites,
Upper depth (ft):	13.2	Lower dep	oth (ft): 16.	.5 USCS:	SM		PID:	0	Jerome:	0						
Sample Description			es is wet, soft, rganic discolo	, gray, SILT, littl oration.	le fine sai	nd, trace	clay, som	ne oncol	oites. Rest o	of core is moi	st, dense, (gray to red-bro	own, fine S	AND, little	e silt, tra	асе

Relinquished:			Date/1	Гіте:		Relinqu	ished: _			Date	/Time:					
Received:			Date/1	Гіте:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Je
OL-VC-20080	9/27/200	6 07:40	1119415.12	921606.78	2.4	362.9	360.5	SOIL	SEDIMENT	✓	1	20.2	18.5		0	
Comments: Har	d layer at 15	' - 15.8'														
Upper depth (ft): Sample Descriptio	<i>n:</i> To	•	hes is wet, loo	USCS: se, black, fine sulfur odor, (MAI	SAND an	d GRAVE		2.5 organics	Jerome:	-	est of core i	s wet, soft, gra	ay, SILT ar	nd fine SA	AND, so	me
Upper depth (ft): Sample Descriptio		Lower de		USCS: e fine sand, trad		ome once		2.7 top of co	Jerome: ore, little shell	-	r, (MARL).					
Upper depth (ft): Sample Descriptio	6.6 <i>n:</i> W	Lower de		USCS: fine sand, trac		ace orgar		0.7 e shells,	<i>Jerome:</i> sulfur odor, (-						
Upper depth (ft): Sample Descriptio	9.9 n: W	Lower de		2 <i>USCS:</i> y, SILT, some		, some or		0.3 trace cla	Jerome: y in bottom o	-	shells, trac	e organics.				
Upper depth (ft): Sample Descriptio	13.2 <i>n:</i> W	Lower de		5 <i>USCS:</i> rown, fine grain		ome silt,		0.3 ick orgar	Jerome:		noist, soft, r	ed-brown CLA	V and SIL	Γ, low pla	sticity.	
Upper depth (ft): Sample Descriptio		Lower de		5 <i>USCS:</i> AY and SILT, m		olasticity.	PID:	0.3	Jerome:	0						

Relinquished:		Date.	/Time:		Relinqui	ished: _			Date/	Time:					
Received:		Date.	/Time:		Receive	d: _			Date/	Time:					
Location ID Da	te Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-20081 9/27/2	2006 09:30	1119359.43	921665.04	2.5	363	360.5	SOIL	SEDIMENT	✓	1	20	18.4			
Comments:					<u> </u>										
Upper depth (ft): 0 Sample Description:		lepth (ft): 3.	3 USCS:		olites, trac	PID: e shells,	-	Jerome: ganics, sulfu	-	L). From 0	to 27 inches	isolated pir	n-sized N	APL glo	obule
Upper depth (ft): 3.3 Sample Description:		<i>lepth (ft):</i> 6. gray, SILT, sor	6 USCS:		e clay, tra	<i>PID:</i> ce oncoli		<i>Jerome:</i> shells, sulfur		_).					
Upper depth (ft): 6.6 Sample Description:		<i>lepth (ft):</i> 9. gray, SILT, littl	9 USCS: e clay, little fine		ce shells,	PID: trace bro		<i>Jerome:</i> inics, sulfur c	-						
Upper depth (ft): 9.9 Sample Description:	0 to 20 inc	hes is wet, sof	3.2 USCS: it, gray SILT, little ace shells, slight	e fine san			-	<i>Jerome:</i> sulfur odor.	-	is wet , sof	t, dark gray, \$	SILT, some	fine sand	l, trace	clay
Upper depth (ft): 13.2 Sample Description:		1 0 /	6.5 <i>USCS:</i> gray, SILT, trac		nd, little cl	<i>PID:</i> ay. Rest		Jerome: is dense dar	-	-brown, fine	e SAND and S	SILT, little to	o trace cl	ay.	
Upper depth (ft): 16.5 Sample Description:		1 0 0	B.4 <i>USCS</i> :	_	ace black	PID:		<i>Jerome:</i> ay, bottom 7	-	t, soft, red-	brown, CLAY	and SILT,	low plast	icity (CI	L).

Relinquished:			Date/1	Time:		Relinqu	iished: _			Date	Time:					
Received:			Date/1	Гіте:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-20082	9/27/200	06 08:45	1119386.98	921635.02	2.5	363	360.5	SOIL	SEDIMENT	~	1	20	18.6			
Comments:																
Upper depth (ft): Sample Descriptio	<i>n:</i> T		s wet, soft, bla	USCS: ck, SILT and fi shells, sulfur c	ne SAND			ike textu	Jerome: ire, petroleur		Rest of core	e is wet , loos	e, gray fine	SAND a	nd SIL1	, som
Upper depth (ft): Sample Descriptio		Lower de Vet, soft, g	1 0 /	USCS: fine sand, trac		ce organi	PID: ics, trace		<i>Jerome:</i> sulfur odor, (I							
Upper depth (ft): Sample Descriptio	6.6 n: V	Lower de Vet, soft, gi	1 0 /	USCS: e fine sand, tra		race orga	PID: anics, trac		Jerome:							
Upper depth (ft): Sample Descriptio		<i>Lower de</i> Vet, soft, gi		USCS: e fine sand, tra		race orga	<i>PID:</i> anics, trac		Jerome:							
Upper depth (ft): Sample Descriptio		<i>Lower de</i> Vet, soft, lig		2 <i>USCS:</i> c gray, SILT, lit		and, trace		0.4 ce shells	Jerome: s, trace onco	-	sulfur odor	top half of co	e (MARL).			
Upper depth (ft): Sample Descriptio		<i>Lower de</i> Vet, dense,		5 <i>USCS:</i> own, fine SAN	_	silt, trace	PID:		Jerome:	-	S.					

Vibracore Field Log

	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Recovery Depth (ft)	Refusal	PID	Jerome
	OL-VC-20082	9/27/2006	08:45	1119386.98	921635.02	2.5	363	360.5	SOIL	SEDIMENT	✓	1	20	18.6			
	Comments:																·
i	Upper depth (ft):	16.5	Lower de _l	pth (ft): 18.6	6 USCS:	CL		PID:	0.3	Jerome:	0						

Sample Description: Top 6 inches is moist, very dense, red-brown fine SAND, trace silt. Rest of core is wet, soft, red-brown, CLAY and SILT, moderate plasticity, trace black organics.

Relinquished:				Da	ate/Tir	ne:		Relinqu	ished: _			Date	Time:					
Received:				Da	ate/Tir	ne:		Receive	ed: _			Date/	Time:					
Location ID	Dat	te	Time	Northi	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-30034	10/2/2	2006	12:03	112500	03	918520.3	26.4	363.1	336.7	SOIL	SEDIMENT	✓	1	20	20		0.4	
Comments:																		
Upper depth (ft): Sample Description	0		ower dep	• /	0.5 te, silt-		: SOLW trace fine	sand, mo	PID:	-	Jerome: discoloration	0 n from 5 to 6	inches.					
Upper depth (ft): Sample Description			<i>ower dep</i> 0 to 7 in	• /	3.3 /et, sof		: SOLW .T, ammor	nia-like od	PID: or (ML).	-	Jerome: core is wet, s	-	white silt-lik	e grains, trac	e fine sand	l, mothba	ll odor.	
Upper depth (ft): Sample Description			ower dep soft to r	• /	6.6 stiff, gra		: SOLW silt-like gra	ains, trace	PID: e fine san	-	Jerome: 1 inch Solva		oughout, m	othball odor.				
Upper depth (ft): Sample Description	6.6 <i>ı:</i>		<i>ower dep</i> soft to r	• /	9.9 stiff, gra		: SOLW silt-like gra	ains, trace	<i>PID:</i> e fine san	-	Jerome:		oughout, tr	ace organics,	mothball o	dor.		
Upper depth (ft): Sample Description	9.9 <i>ı:</i>		ower dep soft, me	• /	13.2 ff, gray		: SOLW It-like grai	ns, trace	<i>PID:</i> fine sand	-	Jerome: rganics, mot	-						
Upper depth (ft): Sample Description		0 to		es is wet,			0 ,		•	s, trace f	•		mothball oc	dor. 37 to 38.5	5 inches is l	black disc	coloratio	on,



Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-30034	10/2/2006	12:03	1125003	918520.3	26.4	363.1	336.7	SOIL	SEDIMENT	✓	1	20	20		0.4	
	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: SOLW PID: 0 Jerome: 0

Sample Description: Wet, soft, grayish green, silt-like grains, slight ammonia odor.

Relinquished:				D	ate/Tin	ne:		Relinqu	ished: _			Date	Time:					
Received:				D	ate/Tin	ne:		Receive	d: _			Date	Time:					
Location ID	Dat	e	Time	Northi	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-30035	10/2/2	006	12:57	112464	5.95	918722.75	27.4	363	335.6	SOIL	SEDIMENT	✓	1	20	19.6		0	
Comments:																		
L Upper depth (ft): Sample Description			ower depo	• /	0.5 SILT, tr	USCS:		ound PIE	<i>PID:</i> 0=5.8.	0	Jerome:	0						
Upper depth (ft):	0.5	L	ower dep	th (ft):	3.3	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description						very soft, oliv id, mothball o				to little	fine sand (MI	L). 13 inches	to rest of o	ore is wet, so	ft, bluish-gr	een to gr	ayish-w	hite,
Upper depth (ft):	3.3	L	ower dep	th (ft):	6.6	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description	ı:	Wet,	soft, gra	ıyish-wh	ite, silt-	like grains, tra	ace fine s	sand, mo	thball odd	or. Rest	of core is bla	ack discolora	tion with m	othball and ar	nmonia-like	e odor.		
Upper depth (ft): Sample Description	6.6 <i>ı:</i>		ower dep very sof	•	9.9 grayish	<i>USCS:</i> n-white, silt-lil		, trace fin	<i>PID:</i> ne sand, r	-	Jerome: odor.	0						
Upper depth (ft):	9.9	L	ower dep	th (ft):	13.2	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description	ı:					like grains, tra 18 to 21 inch				scolorati	on from 5 to	8 inches and	37 inches	to end of core	e. Brownish	-green di	scolora	tion
Upper depth (ft):	13.2	L	ower dep	th (ft):	16.5	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description						rayish-white to	o bluish-	green, sil	t-like grai	ns, trace	e fine sand, n	nothball odor	· (SOLW), (grading to wet	soft,dark g	ray to bla	ack, SIL	T, trace

Vibracore Field Log

Relinquished:			Date/T	ime:	_	Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-30035	10/2/2006	12:57	1124645.95	918722.75	27.4	363	335.6	SOIL	SEDIMENT	~	1	20	19.6		0	
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.6 USCS: CL PID: 0 Jerome: 0

Sample Description: Wet, soft, dark brown with black discoloration throughout, SILT and CLAY, moderate plasticity.

Relinquished:				0	ate/Ti	me:	_	Relinqu	ished: _			Date	Time:					
Received:				0	ate/Ti	me:	_	Receive	ed: _			Date/	Time:					
Location ID	Dat	te	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-30036	10/2/2	2006	07:45	112367	7.29	919470.3	25.4	362.9	337.5	SOIL	SEDIMENT	✓	2	20	17.3			
Comments:																		
L Upper depth (ft): Sample Description	0 n:		ower dep	•	0.5 SILT, I	USCS:			PID:	0	Jerome:	0						
Upper depth (ft):	0.5	L	ower dep	th (ft):	3.3	USCS:	ML		PID:	0	Jerome:	0						
Sample Description	n:					olive gray to bl s, trace fine s					thball odor ir	n lower portio	n (ML). Re	est of core is v	ery soft to	soft, bluis	sh greei	n to
Upper depth (ft):	3.3	L	ower dep	th (ft):	6.6	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description	n:	Wet,	very sof	ft, grayis	h-white	e to light gree	n to grayi	ish-green	, silt-like	grains, t	race fine san	d, mothball a	and slight a	mmonia-like o	odor.			
Upper depth (ft):	6.6	L	ower dep	th (ft):	9.9	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description	n:	black	, SILT, I	ittle fine	sand,		II odor (N	/IL). 31 in	ches is w	et, soft,	black SILT, I			monia-like odo thball odor (M				
Upper depth (ft):	9.9	Lo	ower dep	th (ft):	13.2	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet,	soft, da	rk browr	, SILT	and CLAY, m	oderate	plasticity,	trace sh	ells, sulf	ur odor (MAF	RL).						
Upper depth (ft):	13.2	L	ower dep	th (ft):	16.5	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet,	soft, da	rk browr	, SILT	and CLAY, m	oderate	plasticity,	trace sh	ells, sulf	ur odor (MAF	RL).						

Vibracore Field Log

Re	elinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Re	eceived:			Date/T	ime:		Receive	ed: _			Date	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
Г	OL-VC-30036	10/2/2006	07:45	1123677.29	919470.3	25.4	362.9	337.5	SOIL	SEDIMENT	~	2	20	17.3			
(Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 17.3 USCS: CL PID: 0 Jerome: 0
Sample Description: Wet, soft, light brown, SILT and CLAY, moderate plasticity, trace shells, sulfur odor (MARL).

Relinquished:				Date/Ti	me:		Relinqu	ished: _			Date	/Time:					
Received:				Date/Ti	me:	_	Receive	ed: _			Date	/Time:					
Location ID	Dat	e Time	e Norti	ning	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-30037	9/30/2	006 09:15	11233	34.73	919843.76	28.8	363.1	334.3	SOIL	SEDIMENT	✓	1	20	19.9			
Comments:																	
Upper depth (ft): Sample Descriptio			depth (ft): black, SIL	0.5 .T, trace	USCS: e fine sand.	ML		PID:	0	Jerome:	0						
Upper depth (ft): Sample Descriptio	0.5 <i>n</i> :		depth (ft): soft to sof	3.3 t, black	USCS: to bluish gree	SOLW en to gray	rish white	<i>PID:</i> e, SILT gra	-	Jerome: silt-like grain	-	sand, moth	ball odor in lo	wer half.			
Upper depth (ft): Sample Descriptio	3.3 <i>n</i> :		<i>depth (ft):</i> grayish-w	6.6 hite, silt	USCS:		sand, trad	<i>PID:</i> ce organi	-	Jerome: e organic sea	-	34 inches,	mothball and	slight amn	nonia-like	odor.	
Upper depth (ft): Sample Descriptio	6.6 <i>n</i> :		<i>depth (ft):</i> grayish w		USCS:		sand, trad	<i>PID:</i> ce organi	-	<i>Jerome:</i> 2 inch thick S	-	s,mothball	odor.				
Upper depth (ft):	9.9	Lower	depth (ft):	13.2	USCS:	SOLW		PID:	0	Jerome:	0						
Sample Descriptio		inches, mo	othball and	d slight	soft, grayish-w ammonia-like ke odor (ML).												
Upper depth (ft):	13.2		depth (ft):		, ,	CL		PID:	0	Jerome:	0						
Sample Descriptio	n:	Wet, soft,	olive gray	with bla	ack discolorati	ion, SILT	and CLA	Y, mode	rate plas	ticity, trace s	shells.						

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-30037	9/30/2006	09:15	1123334.73	919843.76	28.8	363.1	334.3	SOIL	SEDIMENT	✓	1	20	19.9			
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.9 USCS: CL PID: 0 Jerome: 0

Sample Description: Wet, soft, olive gray with black discoloration, SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor (MARL).

Relinquished:					ate/T	ime:		Relinqu	ished: _			Date	Time:					
Received:				[ate/T	ime:	_	Receive	d: _			Date/	'Time:					
Location ID	Dat	te	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeroi
OL-VC-30038	10/2/2	2006	16:40	112102	7.13	920969.42	20.4	363.1	342.7	SOIL	SEDIMENT	✓	1	20	20.1			
Comments: Hig	h sulfur s	mell.													•			
Upper depth (ft): Sample Descriptio			<i>Lower dep</i> , very so	• .	0.5 silt-lik	USCS: se grains, trace		nd, 0.5 inc	PID: ch thick so	-	Jerome: unks through	-	odor.					
Upper depth (ft): Sample Descriptio			Lower dep , soft, gra	• .	3.3 ite, sil	USCS: t-like grains, tr		sand, mo	<i>PID:</i> thball odd		Jerome:	0						
Upper depth (ft): Sample Descriptio			Lower dep , soft, gra		6.6 ite to l	USCS: light grayish gr		like grain	<i>PID:</i> s, trace fi	-	Jerome: , black disco		13 inches	to 23 inches,	mothball o	dor.		
Upper depth (ft): Sample Descriptio	6.6 n:		Lower dep , soft, gra		9.9 ite, sil	USCS: t-like grains, tr		sand, mo	<i>PID:</i> thball odd	-	Jerome: n thick Solvay	-	ottom half	of core.				
Upper depth (ft): Sample Descriptio		0 to		s is wet,		2 USCS: o medium stiff, een, silt-like gra	grayish-			ns, trace			olvay chunl	s throughout	, mothball (odor. 34 i	nches t	o the
Upper depth (ft): Sample Descriptio		0 to		s is wet,		<i>USCS:</i> greenish-blue, sand, ammon	silt-like (<i>PID:</i> ading to S	-	Jerome: ce fine sand,		or grading to	o slight ammo	nia-like od	or. Rest o	of core i	s wet,

Vibracore Field Log

Re	elinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Re	eceived: <u> </u>			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
	OL-VC-30038	10/2/2006	16:40	1121027.13	920969.42	20.4	363.1	342.7	SOIL	SEDIMENT	✓	1	20	20.1			
(Comments: High	h sulfur smell.															
$\overline{U_l}$	pper depth (ft):	16.5 <i>1</i>	Lower de _l	pth (ft): 20.1	USCS:	CL		PID:	0	Jerome:	0						

Sample Description: Wet, soft to medium stiff, light olive gray, CLAY and SILT, moderate plasticity, trace shells, black discoloration in top 3 inches, sulfur odor (MARL).

Relinquished:			Date	/Time:		Relinqu	ıished: _			Date	/Time:					
Received:			Date	/Time:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30039	10/2/200	06 13:34	1124497.93	918519.73	18.5	363	344.5	SOIL	SEDIMENT	✓	1	20	20			
Comments:																
Upper depth (ft): Sample Description			very soft, blu	3 <i>USCS:</i> e-green to grayinches. Zebra r				e grains			ne sand, da	ırk gray discol	oration fron	n 13 inch	es to 18	3 inches
Upper depth (ft):	3.3	Lower de	<i>pth (ft):</i> 6.	6 USCS:	SOLW		PID:	0	Jerome:	0						
Sample Description	<i>1:</i> V	/et, soft, lig	ght green-gre	en to grayish wh	nite, silt-lik	ke grains	, trace fin	e sand,	black discolo	oration from 1	1 to 13 inc	hes, mothball	odor.			
Upper depth (ft): Sample Description	6.6 <i>1:</i> V	Lower de		9 <i>USCS:</i> silt-like grains, t	SOLW race fine s	sand, trad	<i>PID:</i> ce organio	-	Jerome:	0						
Upper depth (ft): Sample Description		Lower de		3.2 <i>USCS:</i> silt-like grains, t	SOLW race fine s	sand, trad	<i>PID:</i> ce organio	_	Jerome: aball odor.	0						
Upper depth (ft): Sample Description	13.2 <i>1:</i> V	Lower de, Vet, soft, gr		6.5 <i>USCS:</i> silt-like grains, t	SOLW race fine s	sand, mo	PID:	_	Jerome:	0						
Upper depth (ft): Sample Description	16.5 <i>1:</i> V	Lower de, let, soft, br) USCS: grayish white to	SOLW grayish g	green, sil	<i>PID:</i> It-like grai	-	<i>Jerome:</i> e fine sand, r		ammonia-li	ike odor.				

Relinquished:				D	ate/Ti	ime:			Relinqu	iished: _			Date	Time:					
Received:				D	ate/Ti	ime:		_	Receive	ed: _			Date	/Time:					
Location ID	Dat	te	Time	Northi	ing	Easting	ı	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-30040	10/2/2	2006	08:45	112356	1.06	919388.3	34	16.6	362.9	346.3	SOIL	SEDIMENT	✓	1	20.1	20.1			
Comments: Sol	vay waste	e majorit	y of core.																
Upper depth (ft): Sample Descriptio			-	oth (ft): ayish-gre	3.3 een to			SOLW silt-like (grains, tra	PID:	-	Jerome:	0						
Upper depth (ft): Sample Descriptio			-	<i>pth (ft):</i> ayish wh	6.6 ite, silt	<i>US</i> t-like grain		SOLW ace fine	sand, mo	PID:	-	Jerome:	0						
Upper depth (ft): Sample Description	6.6 <i>n:</i>		-	<i>oth (ft):</i> ayish wh	9.9 ite, silt	<i>US</i> ot-like grain		SOLW ace fine	sand, mo	PID:		Jerome:	0						
Upper depth (ft): Sample Description	6.6 n:			<i>pth (ft):</i> ayish wh	9.9 ite, silt	<i>US</i> t-like grain		SOLW ace fine	sand, mo	<i>PID:</i> othball odd	-	Jerome:	0						
Upper depth (ft): Sample Description	9.9 <i>n:</i>		•	<i>pth (ft):</i> edium sti	13.2 iff, gra			SOLW right gre	en to gra	<i>PID:</i> ayish white	-	<i>Jerome:</i> enish blue, si	-	trace fine s	sand, mothba	ll odor.			
Upper depth (ft): Sample Descriptio	13.2 <i>n:</i>	0 to 1	8 inche				n to	•	•			Jerome: e sand, sligh		lor . Rest of	f core is wet,	soft, brown	, SILT an	d CLAY	', trace

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Depth	Refusal	PID	Jerome
OL-VC-30040	10/2/2006	08:45	1123561.06	919388.34	16.6	362.9	346.3	SOIL	SEDIMENT	✓	1	20.1	20.1			
Comments: Solv	/ay waste majo	rity of core.														

Upper depth (ft):16.5Lower depth (ft):20.1USCS:SOLWPID:0Jerome:0Sample Description:Wet, soft, brown, SILT and CLAY, moderate plasticity, trace shells, sulfur odor (MARL).

Relinquished:			Date/	Time:		Relinqu	ished: _			Date/	Time:					
Received:			Date/	Time:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-30041	9/27/2006	14:00	1124394.52	918100.85	2.9	362.8	359.9	SOIL	SEDIMENT	✓	2	20	19.9			
Comments:																
Upper depth (ft): Sample Description		Lower dep	• /	USCS: It-like grains, tra	SOLW ace fine s	and, trac	PID: e organic		Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gra	• /	USCS:	SOLW ace fine s	sand, trad	<i>PID:</i> ce organic		Jerome: ball odor.	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gra	• /	USCS: ilt-like grains, tr		sand, trac	<i>PID:</i> ce organic	_	Jerome: ball odor. 2 ii	-	vay chunk a	at 18 inches.				
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft gra	• /	2 USCS: It-like gains, tra	SOLW ce fine sa	and in top	PID: half of c		Jerome:	-	inches and	29 inches, m	othball odo	ır.		
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gra	• /	5 <i>USCS:</i> ilt-like grains, tr	SOLW ace fine s	sand, trac	<i>PID:</i> ce organic		Jerome: ball odor.	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gra	• /	8 <i>USCS:</i> grayish-blue, s		ains, trac	<i>PID:</i> e organic	-	Jerome: pin-sized iso	-	globule at 3	30 inches and	36 inches.	Mothball	odor.	

Relinquished:				D	ate/Tin	ne:		Relinqu	ished: _			Date/	Time:					
Received:				D	ate/Tin	ne:		Receive	d: _			Date/	Time:					
Location ID	Dat	te	Time	Northi	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-30042	10/2/2	2006	15:00	1124360	0.95	918392	9.1	362.9	353.8	SOIL	SEDIMENT	✓	1	20	19.8			
Comments:																		<u></u>
L Upper depth (ft): Sample Description			<i>ower dep</i> soft, blu	• /	3.3 In to gra		SOLW white, sile	t-like grai	PID: ns, trace	-	Jerome: ad, mothball o	-						
Upper depth (ft): Sample Description			<i>lower dep</i> soft, gra	• /	6.6 en to g		SOLW silt-like g	grains, tra	<i>PID:</i> ce fine sa	-	Jerome: ck discolorati		o 21 inches	, mothball ode	or.			
Upper depth (ft): Sample Description	6.6 <i>1:</i>		<i>Lower dep</i> , soft, gra	• /	9.9 ite, silt-		SOLW race fine s	sand, mo	PID: thball odd	-	Jerome: ground PID=3							
Upper depth (ft): Sample Description			<i>Lower dep</i> soft, gra	• /	13.2 ite, silt-		SOLW ace fine s	sand, 2 in	<i>PID:</i> ach thick \$	-	Jerome: hunks in bott	-	hball odor.	Background F	PID=4.8			
Upper depth (ft): Sample Description	13.2 1:		<i>Lower dep</i> soft, gra	• /	16.5 ite, silt-		SOLW ace fine s	sand, trac	<i>PID:</i> ce organic	-	Jerome: ball odor.Bad	-)=5.6.					
Upper depth (ft): Sample Description		Wet		• /			SOLW ace fine s	sand, dar	<i>PID:</i> k gray dis	-	<i>Jerome:</i> on from 29 to	-	ight green (green from 30	to 33 inch	es, mothl	oall odd	or.

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-30042	10/2/2006	15:00	1124360.95	918392	9.1	362.9	353.8	SOIL	SEDIMENT	~	1	20	19.8			
	Comments:																
i	Upper depth (ft):	16.5	Lower de	pth (ft): 19.8	3 USCS:	SOLW		PID:	0	Jerome:	0						

Wet, soft, grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 29 to 30 inches, light green green from 30 to 33 inches, mothball odor. Sample Description:

Relinquished:			Date/	Гіте:		Relinqu	ished: _			Date	Time:					
Received:			Date/1	Гіте:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-30043	9/27/20	06 15:00	1124086.72	918489.4	2.2	362.7	360.5	SOIL	SEDIMENT	V	1	20	19.4			
Comments: Sol	vay waste.									•			•			
Upper depth (ft): Sample Descriptio	<i>n:</i> T		es is wet, med	USCS: ium stiff to soft wet, soft, gray				ns, little		and, zebra mı						 ∋s and
Upper depth (ft): Sample Descriptio		Lower de Vet, soft, g		USCS: It-like grains, tr	SOLW race fine s	sand, trad		20.1 cs, moth	Jerome: ball odor, gre		ition at 32 ii	nches.				
Upper depth (ft): Sample Descriptio	3.3 <i>n:</i> V	Lower de Vet, soft, gi		USCS: It-like grains, tr	SOLW race fine s	sand, trad	PID: ce organic	_	Jerome: ball odor, gre	-	ition at 32 ii	nches.				
Upper depth (ft): Sample Descriptio			es is wet, soft,	USCS: light-blue to grodor, (MARL).		ıe, silt-like	<i>PID:</i> e grais, tra		Jerome: sand, mothb		st of core is	wet, medium	dense, gra	ay, fine S	AND an	nd SILT
Upper depth (ft): Sample Descriptio		Lower de Vet, soft, da		2 USCS: y, SILT, some		, little she		34.4 organic	Jerome: s, sulfur odor	-						
Upper depth (ft): Sample Descriptio		<i>Lower de</i> Vet, soft, gi		5 <i>USCS:</i> clay, little fine		e shells, i		17.9 anics, lo	Jerome: w plasticity, s	-	MARL).					

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-30043	9/27/2006	15:00	1124086.72	918489.4	2.2	362.7	360.5	SOIL	SEDIMENT	✓	1	20	19.4			
Comments: Sol	vay waste.															

Upper depth (ft): 16.5 Lower depth (ft): 19.4 USCS: CL PID: 13.1 Jerome: 0

Sample Description: Moist, soft, gray, CLAY and SILT, little fine sand to trace fine sand, trace organics, sulfur odor, (MARL).

Relinquished:				Da	ate/T	ime:		Relinqu	ished: _			Date	Time:					
Received:				Da	ate/T	ime:	_	Receive	ed: _			Date/	'Time:					
Location ID	Dat	te	Time	Northi	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jer
OL-VC-40016	9/30/2	2006	08:00	1127102	.33	914737.09	28.8	363.1	334.3	SOIL	SEDIMENT	✓	1	20	19.8		0	
Comments: PID	not on b	oard.																
Upper depth (ft): Sample Description			ower der very so		0.5 ay, S	USCS:			PID:	0.1	Jerome:	0						
Upper depth (ft): Sample Description			<i>ower dep</i> very so	• •	3.3 n-brov	<i>USCS:</i> vn to black, Sli		clay, trad	<i>PID:</i> ce organi		Jerome:	0						
Upper depth (ft): Sample Description	3.3 n:		<i>ower dep</i> very so		6.6 SILT,	USCS:		trace or		0.1	Jerome:	0						
Upper depth (ft): Sample Description	6.6 <i>n:</i>	0 to 3	<i>ower dep</i> 31 inche icity (CL	es is wet,	9.9 soft, l	USCS: olack, SILT, litt		ow plastic	<i>PID:</i> city, trace		Jerome: s. Rest of co		rown, soft,	CLAY, some	silt, trace s	hells, mo	derate	
Upper depth (ft): Sample Description	9.9 <i>n:</i>				13.2 AY, s	USCS:		noderate		1.3 (MARL)	Jerome:	0						
Upper depth (ft): Sample Descriptio			•	oth (ft): prown, CL	16.5 AY, s	<i>USCS:</i> some silt, trace		noderate	PID:		Jerome:	0						

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	/Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-40016	9/30/2006	08:00	1127102.33	914737.09	28.8	363.1	334.3	SOIL	SEDIMENT	~	1	20	19.8		0	
Comments: PID	not on board.															

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: CL PID: 1.6 Jerome: 0

Sample Description: Moist, soft, brown, CLAY, some silt, trace shells, moderate plasticity (MARL).

Relinquished:					Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:				!	Date/T	ime:		Receive	ed: _			Date	/Time:					
Location ID	Dai	te	Time	North	ning	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jer
OL-VC-40017	9/29/2	2006	12:15	112682	26.87	914439.87	23.7	362.9	339.2	SOIL	SEDIMENT	✓	1	20	18.8			
Comments: San	nple was	not co	llected.															
Upper depth (ft): Sample Description			<i>Lower dep</i> , soft, da	• •	0.5 SILT,	USCS.		oetroleum	PID: -like odor	-	Jerome:	0						
Upper depth (ft): Sample Description			Lower dep , soft, da	• •	3.3 SILT,	USCS. trace fine sar		oetroleum	<i>PID:</i> -like odoi		Jerome:	0						
Upper depth (ft): Sample Description	3.3 n:		<i>Lower dep</i> , soft, da	• •	6.6 SILT,	USCS. trace fine sar		oetroleum	<i>PID:</i> -like odoi		Jerome:	0						
Upper depth (ft): Sample Description	6.6 n:		Lower dep , soft, da	• •		USCS.		odor.	PID:	0	Jerome:	0						
Upper depth (ft):	9.9	I	Lower de _l	pth (ft):	13.2	2 USCS.	: CL		PID:	5.5	Jerome:	0						
Sample Description	n:					, dark gray, Sl shells, (MAR		fine sand	, organic	odor (M	L). Rest of co	ore is moist,	medium sti	ff light brown,	CLAY and	SILT, mo	derate	
Upper depth (ft):			Lower dep	• •	16.5	5 USCS		otrolo:		1.7	Jerome:	0						
Sample Description	n:	v v ei	. 5011. 02	iik ulav.	OII I .	made ime sar	ia. Siiani i	enoleum	-IIKE ()()()									

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40017	9/29/2006	12:15	1126826.87	914439.87	23.7	362.9	339.2	SOIL	SEDIMENT	~	1	20	18.8			
	Comments: San	nple was not co	llected.														
	Upper depth (ft):		Lower de _l			_		PID:		Jerome:							
	Sample Description	<i>n:</i> Mois	st, mediu	ım stiff, light br	own, CLAY ar	nd SILT, n	noderate	plasticity	, sulfur o	odor, trace sl	nells, (MARL)).					

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-40018	9/29/20	06 15:30	1126806.64	914808.69	24.4	363	338.6	SOIL	SEDIMENT	✓	1	20	18.6			
Comments:																
Upper depth (ft): Sample Description		Lower de		USCS: SILT, little clay		ganics, sl	PID: ight petro	_	Jerome: e odor.	0						
Upper depth (ft): Sample Description		Lower de, Vet, soft, da	• •	USCS:		e organics	<i>PID:</i> s, slight po		Jerome: n-like odor.	0						
Upper depth (ft): Sample Description	6.6 n: V	Lower de, Vet, soft, da		USCS:		e organics	<i>PID:</i> s, slight pe	_	Jerome: n-like odor.	0						
Upper depth (ft): Sample Description		Lower de, Vet, soft, da	• •	2 <i>USCS:</i> ck, SILT, little o		e organics	<i>PID:</i> s, slight pe		Jerome: n-like odor.	0						
Upper depth (ft): Sample Description			es is moist, so	ft, brown with b	lack disc			ome silt		lasticity, sligh	nt petrolum	-like odor. Re	est of core i	s moist, r	nedium	stiff,
Upper depth (ft): Sample Description	16.5	Lower de	<i>pth (ft):</i> 18.	discolorsation, 6 <i>USCS:</i> with black org	CL		PID:	0.5	Jerome:	0	ace shells.					

Vibracore Field Log

Relinquished:		Date/1	Гіте:		Relinqu	ished: _			Date	Time:			
Received:		Date/1	Гіте:		Receive	ed: _			Date	'Time:			
Location ID Da	te Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal
OL-VC-40019 9/30/2	2006 08:50	1126800.45	915144.12	24	363	339	SOIL	SEDIMENT	✓	1	20	19.8	
Comments: PID not on I	ooard.	•	•			•					•		
Upper depth (ft): 0 Sample Description:		depth (ft): 0.5 soft, grayish-bro			d, trace o	PID: organics.	0.1	Jerome:	0				
Upper depth (ft): 0.5 Sample Description:		depth (ft): 3.3 grayish-brown, \$			scoloratio	PID: on through		Jerome:					
Upper depth (ft): 3.3 Sample Description:		epth (ft): 6.6 soft, dark gray,			rganics, l	PID: ow plastic		Jerome:	0				
Upper depth (ft): 6.6 Sample Description:		epth (ft): 9.9 soft, dark gray,			rganics.	PID:	0.1	Jerome:	0				
Upper depth (ft): 9.9 Sample Description:		epth (ft): 13.			rganics.	PID:	0.1	Jerome:	0				
Upper depth (ft): 13.2 Sample Description:		<i>lepth (ft):</i> 16.			black dis		0.2 on throug	<i>Jerome:</i> ghout, trace o	-				

PID Jerome

Vibracore Field Log

Relinquished: _			Date/T	ime:		Relinqu	ished: _			Date	/Time:					
Received: _			Date/T	ime:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-40019	9/30/2006	08:50	1126800.45	915144.12	24	363	339	SOIL	SEDIMENT	~	1	20	19.8		0	
Comments: PI	D not on board.			<u> </u>					_	_						

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0.1 Jerome: 0

Sample Description: Wet, soft, dark gray to black, SILT, little to some clay, trace organics, low to moderate plasticity.

Vibracore Field Log

Relinquished: _				Da	te/Time	e:		Relinqu	ished: _			Date	/Time:				
Received: _				Da	te/Time	e:	_	Receive	ed: _			Date	/Time:				
Location ID	Dat	e	Time	Northin	g	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PII
OL-VC-40021	9/30/2	006	13:47	1127043.	26	915965	28.9	363.1	334.2	SOIL	SEDIMENT	~	1	20	19.4		0
Comments:	<u>.</u>				•								•	•	•		
Upper depth (ft): Sample Description			Lower dep , very so	• •	0.5 o black	USCS: , SILT, trace		ace organ	PID:	0.4	Jerome:	0					
Upper depth (ft): Sample Descriptio			•	oth (ft): ack and da		USCS:		ace orgar		0.4	Jerome:	0					
Upper depth (ft): Sample Descriptio	3.3 n:		Lower dep , soft, gra	V . /	6.6 n and b	USCS: plack, SILT,		/, trace o		1.4 ow plast	Jerome: icity, trace fir	-	avel.				
Upper depth (ft): Sample Description			•	oth (ft): ark gray an		USCS:		/ plasticity		0.4 rganics,	Jerome: slight petrole	-	r.				
Upper depth (ft): Sample Description	9.9 Lower depth (ft):				13.2 d black	USCS:		/ plasticity		0.6 rganics,	Jerome: slight petrole		r.				
Upper depth (ft): Sample Descriptio	13.2 <i>n:</i>		Lower dep st, soft, b	V . /	16.5 Y and \$	USCS:	_	, modera		0.6 ity, trace	Jerome: organics, or	-					

Jerome

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40021	9/30/2006	13:47	1127043.26	915965	28.9	363.1	334.2	SOIL	SEDIMENT	✓	1	20	19.4		0	
	Comments:																

PID: 0.5

Jerome: 0

Sample Description: Moist, soft, black, CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor, wood slivers and fragments from 23.5 to 25.5 inches.

Upper depth (ft): 16.5

Lower depth (ft):

19.4

USCS: CL

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Relinquished:					ate/Ti	ime:		Relinqu	ished: _			Date	Time:					
Received:				[ate/Ti	ime:		Receive	ed: _			Date/	Time:					
Location ID	Dat	te	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-40022	9/30/2	2006	14:30	112689	6.51	916606.4	21.2	363	341.8	SOIL	SEDIMENT	✓	1	20	19.4		0	
Comments:														•				
Upper depth (ft): Sample Description			ower dep		0.5 SILT,	USCS:		ss.	PID:	0.5	Jerome:	0						
Upper depth (ft): Sample Description			<i>ower dep</i> very so		3.3 and gr	USCS:		e clay, lov	PID: w plasticit		Jerome: organics.	0						
Upper depth (ft): Sample Description			<i>ower dep</i> soft, gr	• • •	6.6 own SI	USCS: LT, little clay,		anics, lov	<i>PID:</i> v plasticity		Jerome:	0						
Upper depth (ft): Sample Descriptio			<i>ower dep</i> soft, gr	• • •	9.9 own to	USCS: black, SILT, li		low plast	<i>PID:</i> icity, trace		Jerome:	0						
Upper depth (ft): Sample Descriptio			<i>ower dep</i> t, soft, b	• • •	13.2 d blacl	<i>USCS:</i> k, SILT, little to		lay, black	<i>PID:</i> a fine sand		<i>Jerome:</i> 1/8 inch thick		s, trace she	lls, trace orga	ainics, low t	o modera	ite plas	ticity.
Upper depth (ft): Sample Descriptio			<i>ower dep</i>		16.5 n stiff, i	USCS:		ILT and C	<i>PID:</i> CLAY, mo		Jerome:							

Vibracore Field Log

R	elinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
R	eceived:										Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
Ī	OL-VC-40022	9/30/2006	14:30	1126896.51	916606.4	21.2	363	341.8	SOIL	SEDIMENT	✓	1	20	19.4		0	
ſ	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.4 USCS: CL PID: 0.5 Jerome: 0

Sample Description: Moist, medium stiff, brown, CLAY and SILT, moderate plasticity, trace shells.

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	/Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Je
OL-VC-40023	10/2/2006	09:20	1127090.23	916422.64	27.2	363.1	335.9	SOIL	SEDIMENT	✓	1	20	19			
Comments:												•				_
Upper depth (ft):	0	Lower de _l	oth (ft): 0.5	USCS:	ML		PID:	0.7	Jerome:	0						_
Sample Description:	: Wet	t, very so	ft, brown, SILT	Γ, trace clay, tr	ace orgar	nics, dec	omposing	g plant o	dor.							
Upper depth (ft): Sample Description:		<i>Lower dep</i> t, very so	•	USCS: and black, SILT		ay, low pla		0.7 light dec	Jerome:							
Upper depth (ft): Sample Description:		<i>Lower dep</i> t, soft, da	• /	USCS: ack, SILT, trac		clay, low		0.8 , trace o	Jerome:		like odor.					
Upper depth (ft): Sample Description:		<i>Lower dep</i> t, soft, bla	•	USCS: own, SILT grad		AY and S		0.7 to mode	Jerome:		r odor (ML·	-CL).				
Upper depth (ft): Sample Description:		<i>Lower dep</i> st, mediu	• /	2 <i>USCS:</i> , CLAY, little si		hells, sul		0.6 moderat	Jerome: te to high pla	-	L).					
Upper depth (ft): Sample Description:		<i>Lower dep</i> st, mediu	•	5 <i>USCS:</i> , CLAY, little si		hells, sul		0.7 moderat	Jerome: te to high pla		L).					

Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40023	10/2/2006	09:20	1127090.23	916422.64	27.2	363.1	335.9	SOIL	SEDIMENT	~	1	20	19			
	Comments:	10.5		T (0) 10	******												

Upper depth (ft): 16.5 Lower depth (ft): 19 USCS: CL PID: 0.6 Jerome: 0

Sample Description: Moist, medium stiff, brown, CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, (MARL).

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	/Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jei
OL-VC-40024	9/30/2006	15:35	1126926.21	916606.4	22.3	363	340.7	SOIL	SEDIMENT	~	1	20	19.4		0	
Comments:	•												•			
Upper depth (ft):	0	Lower de	pth (ft): 0.5	USCS:	ML		PID:	0.5	Jerome:	0						
Sample Descriptio	n: We	t, soft, bl	ack, SILT, trac	e clay, low pla	sticity, tra	ice organ	ics.									
Upper depth (ft): Sample Descriptio		<i>Lower de</i> t, very so	pth (ft): 3.3 oft, black and d			ay, low pla		0.5 ery sligh	Jerome: it petroleum-							
Upper depth (ft): Sample Descriptio		<i>Lower de</i> t, soft, bl	pth (ft): 6.6 ack, SILT, trac			ow plastic		0.6	Jerome:	0						
Upper depth (ft): Sample Descriptio		<i>Lower de</i> st, medi	pth (ft): 9.9 um stiff, brown		_	erate plas	<i>PID:</i> sticity, trac		Jerome:	-	L).					
Upper depth (ft): Sample Descriptio		<i>Lower de</i> st, medi	pth (ft): 13.2 um stiff, brown		_	erate plas		0.5 ce shells	<i>Jerome:</i> , slight sulfu	-	L).					
Upper depth (ft): Sample Descriptio		<i>Lower de</i> st, medi	pth (ft): 16.5 um stiff, brown			erate plas	<i>PID:</i> sticity, trac		Jerome:	-	L).					

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-40024	9/30/2006	15:35	1126926.21	916606.4	22.3	363	340.7	SOIL	SEDIMENT	✓	1	20	19.4		0	0
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.4 USCS: CL PID: 0.6 Jerome: 0
Sample Description: Moist, medium stiff, brown, CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, (MARL).

Relinquished:				Da	ate/Tir	me:		Relinqu	ished: _			Date	Time:					
Received:	eceived: Date/Time:							Receive	ed: _			Date/	'Time:					
Location ID	Date	e Tim	ne	Northir	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40025	9/29/20	006 09:1	15 1	126368	.97	914560.04	14	363	349	SOIL	SEDIMENT	✓	1	20	20		0	0
Comments:																		
Upper depth (ft): Sample Description	0 n:	Lower Wet, very	•	•	3.3 ay, SI	USCS: LT, trace clay		ganics, a	PID: ammonia-		<i>Jerome:</i> r.	0						
Upper depth (ft): Sample Description		<i>Lower</i> Wet, very	-	•	6.6 ay, SI	USCS: LT, trace clay		ganics, a		0.5 -like odo	<i>Jerome:</i> r.	0						
Upper depth (ft): Sample Description		<i>Lower</i> Wet, soft	•	•	9.9 SILT, li	USCS:		s, low pla		0.5 mmonia-	Jerome: -like odor.	0						
Upper depth (ft): Sample Description		<i>Lower</i> Wet, soft	•	• /	13.2 SILT, li	USCS:		s, low pla		0.4	Jerome:	0						
Upper depth (ft): Sample Description	13.2 <i>1:</i>	<i>Lower</i> Wet, soft	•	•	16.5 SILT, li	USCS:		s, low pla	<i>PID:</i> asticity.	0.2	Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower</i> 0 to 32 is sulfur ode	wet, s	soft, da				lay, low	<i>PID:</i> plasticity.		Jerome: f core is mois		iff, brown, (CLAY, some s	ilt, trace sh	ells, mod	lerate p	lasticity

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-40026	9/29/200	6 13:50	1126562.65	914761.62	16.3	363	346.7	SOIL	SEDIMENT	✓	1	20	20		0	
Comments:			1		1											
Upper depth (ft): Sample Description		Lower de		B USCS: to trace clay, t		ınics, sulf	PID:		Jerome:		icity.					
Upper depth (ft): Sample Description		Lower de, et, soft, gr		<i>USCS:</i> to trace clay, t		ınics, sulf	<i>PID:</i> fur odor, o		Jerome: osing plant of		icity.					
Upper depth (ft): Sample Description	6.6 n: W	Lower de		<i>USCS:</i> ish-white to dar		ILT, little	PID:		Jerome: e organics, s	-	dor and sliç	ght decompos	ing plant o	dor.		
Upper depth (ft): Sample Description		Lower de		USCS:		ILT, little	PID:	-	Jerome: e organics, s	-	dor and sliç	ght decompos	ing plant o	dor.		
Upper depth (ft): Sample Description		Lower de		.2 USCS: ck, SILT, little t		ay, decor	PID: mposing p		Jerome: or, low plastic							
Upper depth (ft): Sample Description	13.2 <i>n:</i> W	Lower de		.5 <i>USCS:</i> ck, SILT, little of		me clay, t	PID:	-	Jerome: w to moderat	-	decomposir	ng plant odor.				

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40026	9/29/2006	13:50	1126562.65	914761.62	16.3	363	346.7	SOIL	SEDIMENT	✓	1	20	20		0	
	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0.1 Jerome: 0

Sample Description: Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-40027	9/29/2006	14:40	1126610.36	915097.85	13.7	362.9	349.2	SOIL	SEDIMENT	✓	1	20	19.7		0	
Comments:																
Upper depth (ft): Sample Description		Lower dep	• /	USCS: b black, SILT, li		ce clay, t	PID:	-	Jerome: ents, decomp	-	odor, organ	ic seam from	14 to 17 in	ches.		
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		USCS: to trace clay, lo		city, trace	PID: organics		<i>Jerome:</i> hells, mothba		onia-like od	or.				
Upper depth (ft): Sample Description		Lower dep		USCS: e fine sand, little		clay, low	PID: / plasticity		Jerome: organics, trac		thball and a	ammonia-like	odor.			
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		2 USCS: e fine sand, little		clay, low	<i>PID:</i> / plasticity		Jerome: organics, trac	-	thball and a	ammonia-like	odor.			
Upper depth (ft): Sample Description		•	oth (ft): 16.9	5 USCS: ack, SILT, little		/ plasticity	<i>PID:</i> y, trace o		Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, da		7 USCS: ack, SILT, som		noderate t	<i>PID:</i> to low pla		Jerome:							

Relinquished: _			Date.	/Time:		Relinqu	ished: _			Date	Time:					
Received: _			Date.	/Time:		Receive	ed: _			Date	Time:					
Location ID	Date	Time	Northing	Easting	Wate Depth (ft)		Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-40028	9/30/2006	10:53	1126632.14	915545.9	3 13.9	363	349.1	SOIL	SEDIMENT	✓	1	20	19.9		0	
Comments: Du	e to computer	malfunction,	, actual log delete	d; descriptions b	ased on photo	graphs taken o	of the core.			•		•	•			
Upper depth (ft): Sample Description		Lower de	pth (ft): 3. rayish-brown,		CS: ML lay, low pla	asticity, blac	<i>PID:</i> ck discolo	ration th	Jerome: nroughout.							
Upper depth (ft): Sample Description		Lower de	<i>pth (ft):</i> 6. rayish-brown		CS: ML n, SILT, litt	le clay, mo	PID: oderate pla	asticity,	Jerome: black discolo		hout.					
Upper depth (ft): Sample Description		Lower de	<i>pth (ft):</i> 9. ark brown wit		CS: ML loration, S	ILT, little cl	<i>PID:</i> ay, low to	modera	Jerome: ate plasticity.							
Upper depth (ft): Sample Description		Lower de	<i>pth (ft):</i> 13 ark brown, SI		CS: ML low to mo	derate plas	PID:		Jerome:							
Upper depth (ft): Sample Description		<i>Lower de</i> et, soft, da	pth (ft): 16 ark gray with		CS: ML ration thro	ughout, SII	<i>PID:</i> LT, little c	lay, mod	<i>Jerome:</i> derate to low							
Upper depth (ft): Sample Description		Lower de, et, soft, da	<i>pth (ft):</i> 19 ark gray SILT		CS: ML tle organic	s, low plas	PID:	0.7	Jerome:	0						

Vibracore Field Log

Relinquished:		Date/1	Time:		Relinqu	ished: _			Date	/Time:			
Received:		Date/1	「ime:		Receive	ed: _			Date	/Time:			
Location ID Da	te Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal
OL-VC-40029 9/30/2	2006 12:35	1126698.09	915807.54	17.5	363	345.5	SOIL	SEDIMENT	✓	1	20	18.9	
Comments:	<u>.</u>												
Upper depth (ft): 0 Sample Description:	Lower de	epth (ft): 3.3			trace org	PID:		Jerome:	0				
Upper depth (ft): 3.3 Sample Description:	Lower de	e pth (ft): 6.6 grayish-brown, \$			ticity, trac		0.6 cs.	Jerome:	0				
Upper depth (ft): 6.6 Sample Description:	Lower de	epth (ft): 9.9 grayish-brown a			y, little pla		0.6 Seotech	Jerome:		ırded.			
Upper depth (ft): 6.6 Sample Description:	Lower do	e pth (ft): 9.9 grayish-brown a			y, little pla		0.6 Seotech s	Jerome: sample accid	-	rded.			
Upper depth (ft): 9.9 Sample Description:	Lower de	epth (ft): 13. lark gray, SILT,			S.	PID:	0.5	Jerome:	0				
Upper depth (ft): 13.2 Sample Description:		epth (ft): 16. lark gray to blace			olasticity,	<i>PID:</i> trace larg		Jerome: fragments.	0				

PID Jerome

Vibracore Field Log

F	Relinquished:		Relinqu	ished: _			Date/	Time:									
F	Received:			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40029	9/30/2006	12:35	1126698.09	915807.54	17.5	363	345.5	SOIL	SEDIMENT	✓	1	20	18.9			
Ì	Comments:																·

Upper depth (ft): 16.5 Lower depth (ft): 18.9 USCS: ML *PID*: 0.7 Jerome: 0 Sample Description: Wet, soft, dark gray, SILT, little clay, low plasticity, trace organics, petroleum-like odor.

Relinquished:	!: Date/Time:						Relinqu	ished: _			Date	Time:					
Received:				Date/T	ime:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	e Tim	ie N	lorthing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-40030	9/28/20	006 12:3	30 11	26360.54	916186.06	9.4	362.7	353.3	SOIL	SEDIMENT	V	3	16	14.3	✓	0	0
Comments:																	
Upper depth (ft):	0	Lower	depth ((ft): 3.3	USCS:	MI		PID:	0	Jerome:	0						
Sample Description Upper depth (ft): Sample Description	3.3	Lower	depth ((ft): 6.6	SILT, little to tra USCS: little clay, trace	ML	J	PID:	0	Jerome:	-	light petrole	eum-like odor	low plastic	city.		
		,		, ,, ,	•		·				,	0 1		•	,		
Upper depth (ft):	6.6	Lower	depth ((ft): 9.9	USCS:	ML		PID:	0	Jerome:	0						
Sample Description		0 to 34 in slight sul			dark gray, SIL ⁻	T, little cla	ay, low pl	asticity, o	rganic c	odor. Rest of	core is wet,	soft, gray, \$	SILT and fine	SAND, trad	ce clay, s	ome sh	ells,
Upper depth (ft):	9.9	Lower	depth ((ft): 13.2	2 USCS:	ML		PID:	0	Jerome:	0						
Sample Description		Wet, soft organic c		SILT and fi	ne SAND, clay	seam fro	om 13 ind	ches to 17	' inches	and 30 inche	es, 33 inches	s, some she	lls, some orga	anics, wood	d fragmer	nts thro	ughout,
Upper depth (ft):	13.2	Lower	depth ((ft): 14.3	3 USCS:	ML		PID:	0	Jerome:	0						
Sample Description		Met soft	aray	SII T and fi	ne SAND 0.5	inch clay	, spame t	throughou	ıt some	shalls some	organice w	and fragme	nte throughou	ıt organic	odor		

Relinquished:			Date/1	Гіте:		Relinqu	ished: _			Date	/Time:					
Received:			Date/1	Гіте:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-40031	10/2/2006	08:15	1126674.8	916265.93	14.2	363.1	348.9	SOIL	SEDIMENT	✓	2	20	13.1		0	0
Comments: Only	y 4 sections	lue to woodc	hips at base.	•		<u>'</u>	•									
Upper depth (ft): Sample Description Upper depth (ft): Sample Description	n: W	Lower de	oft to soft dark opth (ft): 6.6	gray, SILT, littl	e clay to	·	PID:	oticity, tr	Jerome:	s, slight petro			21 inches a	nd 35 to	36 inch	es.
Upper depth (ft): Sample Description				USCS: grayish-brown		tle fine sa			Jerome: clay, some s		wood fragm	nents from 17	inches to b	ottom of	core, o	rganic
Upper depth (ft): Sample Description	<i>n:</i> 0 t		es: moist, soft	1 <i>USCS:</i> to medium stiff	, grayish-		ILT, little t			ce clay, some				17 inche	s to bo	ttom o

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Гіте:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-40032	10/2/200	6 10:20	1126701.78	916692.97	17.2	363	345.8	SOIL	SEDIMENT	✓	1	20	18.7			
Comments:																
Upper depth (ft): Sample Description		Lower de		USCS:		anics, lov	PID: w plasticit		Jerome: petroleum-lik							
Upper depth (ft): Sample Description	<i>n</i> : 0		es is wet, soft,	USCS: grayish-blue, s fur odor, moder					Jerome: organics, sli		odor. Rest	of core is bla	ck to grayis	sh-brown	CLAY,	some
Upper depth (ft): Sample Description	6.6 <i>n:</i> M	<i>Lower de</i> oist, medi	1 0 /	USCS:	_	race shel	<i>PID:</i> ls, high pl		Jerome: to moderate	-	fur odor, (M	IARL).				
Upper depth (ft): Sample Description		<i>Lower de</i> oist, medi		2 USCS:		race shell	<i>PID:</i> ls, high pl		Jerome: to moderate		fur odor, (M	IARL).				
Upper depth (ft): Sample Description		<i>Lower de</i> oist, stiff, l	1 0 /	5 USCS:		trace she	<i>PID:</i> ells, slight		Jerome:		y (MARL).					
Upper depth (ft): Sample Description		Lower de		7 <i>USCS:</i> little silt, high p		trace she	<i>PID:</i> lls, slight		<i>Jerome:</i>							

Relinquished:				Relinqu	ished: _			Date	/Time:							
Received:			Date/	Time:		Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40033	9/29/2006	11:30	1126582.81	914154.83	2.9	363	360.1	SOIL	SEDIMENT	✓	2	20	20			
Comments:							•									
Upper depth (ft): Sample Descriptio	n: Top	or, trace s	s is wet, medi shells, (MARL	um loose, fine \$).	SAND, so	me onco		ches to		re are wet, s	oft to loose	, gray silt, sor	ne fine san	d, some (oncolite	s, sulfur
Upper depth (ft): Sample Descriptio		<i>Lower dep</i> t, soft, gr		ne fine sand, so		ites, trace	<i>PID:</i> e shells, s		Jerome: lor, (MARL).	U						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i> t,soft to n		<i>USCS:</i> gray, SILT and f		O, trace s	<i>PID:</i> shells, slig		Jerome: odor (MARL	-						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, mediun		.2 USCS: light gray to gra		ind fine S	<i>PID:</i> SAND, org	_	Jerome: am at 12 inch	-	rly sorted sa	and seams at	19 inches a	and 27 in	ches.	
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr	. 0 /	.5 <i>USCS</i> : ine SAND, orga		n at 12 ind	PID: ches, orga	_	Jerome:	0						
Upper depth (ft): Sample Description		Lower dep		.8 <i>USCS:</i> ray, SILT, some		d. Rest c	PID:		<i>Jerome:</i> dium silt, gray	-	fine sand,	some clay, lov	w plasticity.			

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-40033	9/29/2006	11:30	1126582.81	914154.83	2.9	363	360.1	SOIL	SEDIMENT	~	2	20	20			
Comments:																

PID: 0.1

Jerome: 0

Upper depth (ft): 16.5 Lower depth (ft): Sample Description: 0 to 38 inches wet, soft, gray, SILT, some fine sand. Rest of core is wet, medium silt, gray, SILT, little fine sand, some clay, low plasticity.

19.8

USCS: ML

	Date/	lime:		Relinqui	ished: _			Date/	Time:					
	Date/	Time:		Receive	d: _			Date/	'Time:					
e Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
006 10:40	1126271.93	914342.16	2.7	362.9	360.2	SOIL	SEDIMENT	~	1	19.7	17.8		0	
			<u> </u>	<u> </u>					l					
				ow plastic				-	GRAVEL, tr	ace shells, so	ome oncolite	es, sulfur	odor, (MARL).
				race shel				-						
				w plastici										
	-			lay, trace		-		-	s, from 27 t	o 29 inches is	low plastic	ity, trace	shells,	slight
				sand, tra					, (MARL).					
	1 0 /		little fine	sand, tra		-		-	, (MARL).					
t -	Lower de Wet, soft, gi Lower de Wet, soft, gi Lower de Wet, soft, gi Lower de Wet, soft, di sulfur odor. Lower de Wet, soft, gi Lower de Wet, soft, gi	Lower depth (ft): 3.3 Wet, soft, gray, SILT, som Lower depth (ft): 6.6 Wet, soft, gray, SILT, som Lower depth (ft): 9.9 Wet, soft, gray, SILT, som Lower depth (ft): 13. Wet, soft, dark gray to grasulfur odor. Lower depth (ft): 16. Wet, soft, grayish brown, soft, grayish br	te Time Northing Easting Lower depth (ft): 3.3 USCS: Wet, soft, gray, SILT, some fine sand, tra Lower depth (ft): 6.6 USCS: Wet, soft, gray, SILT, some fine sand, tra Lower depth (ft): 9.9 USCS: Wet, soft, gray, SILT, some fine sand, litt Lower depth (ft): 13.2 USCS: Wet, soft, dark gray to grayish brown, SIL sulfur odor. Lower depth (ft): 16.5 USCS: Wet, soft, grayish brown, SILT, little clay, Lower depth (ft): 17.8 USCS:	te Time Northing Easting Depth (ft) Lower depth (ft): 3.3 USCS: ML Wet, soft, gray, SILT, some fine sand, trace clay, I Lower depth (ft): 6.6 USCS: ML Wet, soft, gray, SILT, some fine sand, trace clay, I Lower depth (ft): 9.9 USCS: ML Wet, soft, gray, SILT, some fine sand, little clay, Ic Lower depth (ft): 13.2 USCS: ML Wet, soft, dark gray to grayish brown, SILT, little c sulfur odor. Lower depth (ft): 16.5 USCS: ML Wet, soft, grayish brown, SILT, little clay, little fine Lower depth (ft): 17.8 USCS:	Time Northing Easting Water Depth (ft): 3.3 USCS: ML Wet, soft, gray, SILT, some fine sand, trace clay, low plastic Lower depth (ft): 9.9 USCS: ML Wet, soft, gray, SILT, some fine sand, trace clay, low plastic Lower depth (ft): 9.9 USCS: ML Wet, soft, gray, SILT, some fine sand, trace clay, low plastic Lower depth (ft): 9.9 USCS: ML Wet, soft, gray, SILT, some fine sand, little clay, low plastic Lower depth (ft): 13.2 USCS: ML Wet, soft, dark gray to grayish brown, SILT, little clay, trace sulfur odor. Lower depth (ft): 16.5 USCS: ML Wet, soft, grayish brown, SILT, little clay, little fine sand, trace sulfur odor. Lower depth (ft): 17.8 USCS:	Date/Time:	Time Northing Easting Water Depth (ft): 3.3 USCS: ML PID: 0.4 Wet, soft, gray, SILT, some fine sand, trace clay, low plasticity, trace shells, little oncolites, Lower depth (ft): 9.9 USCS: ML PID: 0.4 Wet, soft, gray, SILT, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, low plasticity, trace shells, some fine sand, little clay, trace fine sand, tan fine sulfur odor. Lower depth (ft): 13.2 USCS: ML PID: 0.1 Wet, soft, grayish brown, SILT, little clay, little fine sand, trace organics, slight Lower depth (ft): 17.8 USCS: PID: 0.1	Time Northing Easting Water Depth (ft): Matrix Sample Type Lower depth (ft): 3.3 USCS: ML PID: 1.2 Jerome: Wet, soft, gray, SILT, some fine sand, trace clay, low plasticity, top 4 inches is black, fine Lower depth (ft): 9.9 USCS: ML PID: 0.4 Jerome: Wet, soft, gray, SILT, some fine sand, little clay, low plasticity, trace shells, sulfur odor, (Number depth (ft): 13.2 USCS: ML PID: 0.4 Jerome: Wet, soft, gray, SILT, some fine sand, little clay, low plasticity, trace shells, sulfur odor, (Number depth (ft): 13.2 USCS: ML PID: 0.2 Jerome: Wet, soft, dark gray to grayish brown, SILT, little clay, trace fine sand, tan fine sand seam sulfur odor. Lower depth (ft): 16.5 USCS: ML PID: 0.1 Jerome: Wet, soft, grayish brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor. Lower depth (ft): 17.8 USCS: PID: 0.1 Jerome:	Date/Time: Received: Date/ Time	Date/Time: Received: Date/Time: Attempts Attempts Attempts Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Attempts Attempts Date/Time: Date/Time: Date/Time: Date/Time: Attempts Attempts Date/Time: Date/Time: Attempts Attempts Date/Time: Date/Date/Date/Date/Date/Date/Date/Date/	Date/Time: Received: Date/Time: D	Date/Time: Received: Date/Time: Date/Time: Recovery Betwork Time Northing Easting Water Depth (It): Elev. (It) (It) (It) (It) (It) (It) (It) (It)	Date/Time:	Date/Time: Received: Date/Time: Date/Ti

Relinquished:				Dat	e/Time:			Relinqu	ished: _			Date/	Time:					
Received:				Dat	e/Time:		_	Receive	d: _			Date/	Time:					
Location ID	Dat	е	Time	Northing	j E	asting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-40035	9/28/2	006	07:45	1125978.2	2 9	914699	2.5	362.8	360.3	SOIL	SEDIMENT	✓	1	20	19.8		0.4	0
Comments: sul	FUR SM	ELL.																
Upper depth (ft): Sample Description			ower dep very sof	th (ft):	3.3 y SILT, l	USCS:		organic od	<i>PID:</i> dor.	0	Jerome:	0						
Upper depth (ft):	3.3	L	ower dep	th (ft):	6.6	USCS:	ML		PID:	0.8	Jerome:	0						
Sample Description			11 inche: r odor, (i		ft, dark (gray SILT,	little cla	y, trace fi	ne sand,	low plas	ticity (ML). R	est of core is	wet, soft,	gray SILT, littl	e clay, little	fine san	d, trace	shells,
Upper depth (ft):	6.6	L	ower dep	th (ft):	9.9	USCS:	ML		PID:	6.5	Jerome:	0						
Sample Description			11 inche: r odor, (I		ft, dark (gray SILT,	little clay	y, trace fi	ne sand,	low plas	ticity (ML). R	est of core is	wet, soft,	gray SILT, littl	e clay, little	fine san	d, trace	shells,
Upper depth (ft):	9.9	L	ower dep	th (ft):	13.2	USCS:	ML		PID:	3.6	Jerome:	0						
Sample Description			11 inche: r odor, (l		ft, dark (gray SILT,	little clay	y, trace fi	ne sand,	low plas	ticity (ML). R	est of core is	wet, soft,	gray SILT, littl	e clay, little	fine san	d, trace	shells,
Upper depth (ft):	13.2	L	ower dep	th (ft):	16.5	USCS:	ML		PID:	10.5	Jerome:	0						
Sample Description			11 inche: r odor, (l		ft, dark (gray SILT,	little clay	y, trace fi	ne sand,	low plas	ticity (ML). R	est of core is	wet, soft,	gray SILT, littl	e clay, little	fine san	d, trace	shells,
Upper depth (ft):	16.5	L	ower dep	th (ft):	19.8	USCS:	ML		PID:	4.8	Jerome:	0						
Sample Description			11 inche: r odor, (l		ft, dark	gray SILT,	little cla	y, trace fi	ne sand,	low plas	ticity (ML). R	est of core is	wet, soft,	gray SILT, littl	e clay, little	fine san	d, trace	shells,

Relinquished:			Date	/Time:		Relinqu	ished: _			Date	/Time:					
Received:			Date	/Time:		Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-40036	9/29/200	06 08:20	1126012.57	914971.57	5.4	363	357.6	SOIL	SEDIMENT	~	1	20	17.3			
Comments:			1													
Upper depth (ft): Sample Description	<i>n:</i> T		s is wet, loos	.3 USCS: se, black fine SA and 37 inches. pe	ND and C			1.7 core wet	Jerome: , very soft, d		T, little to tr	race of clay, lo	ow plasticity	/, black fi	ne sand	d seam
Upper depth (ft): Sample Description		Lower de		.6 USCS: T, little fine sand		alf core, tr		1.8 le claytra	Jerome: ace shells, bl		d seam at 2	28 inches, low	plasticity.	Trace org	janics.	
Upper depth (ft):	6.6	Lower de					PID:	-	Jerome:							
Sample Description		to 28 inche ace organi		ft, dark gray SIL	T, little cla	ay, trace f	fine sand.	Rest o	f core is wet,	loose, dark (gray, well s	orted, fine SA	.ND, trace f	ine grave	el, little s	shells,
Upper depth (ft):	9.9	Lower de	<i>epth (ft):</i> 13	3.2 <i>USCS</i> :	ML		PID:	0	Jerome:	0						
Sample Description				ry soft, dark gray ace silt, slight si						, 10 inches to	24 inches	is wet, loose	, black well	sorted, fi	ne graii	n sand
Upper depth (ft):	13.2	Lower de	<i>epth (ft):</i> 10	6.5 <i>USCS</i> :	SM		PID:	0	Jerome:	0						
Sample Description				ft, gray, SILT, tra x, SILT, little fine		and, 12 to	33 inche	es is wet	, dense, blac	ck, well sorted	d SAND. So	ome oncolites	, trace she	lls, trace	organic	s. Res
Upper depth (ft):	16.5	Lower de	<i>epth (ft):</i> 1	7.3 <i>USCS</i> :	ML		PID:	0	Jerome:	0						
Sample Description	<i>n:</i> V	Vet, soft bla	ack SILT, little	e fine sand, trac	e organic	s.										

Received:	
Location ID Date Time Northing Easting Depth (ft): Line (ft) Matrix Sample Type Recovered HAttempts (ft) Depth (ft) Refusal For Northing Depth (ft): Refusal For Nort	
Comments: Upper depth (ft): 0 Lower depth (ft): 3.3 USCS: SOLW PID: 0.6 Jerome: 0 Sample Description: Wet, very soft, gray to grayish white, silt-like grains, trace fine sand, gray sand in shell seams from 22 to 25 inches, moth ball odor. Upper depth (ft): 3.3 Lower depth (ft): 6.6 USCS: SOLW PID: 1.5 Jerome: 0	PID Jerome
Upper depth (ft): 0 Lower depth (ft): 3.3 USCS: SOLW PID: 0.6 Jerome: 0 Sample Description: Wet, very soft, gray to grayish white, silt-like grains, trace fine sand, gray sand in shell seams from 22 to 25 inches, moth ball odor. Upper depth (ft): 3.3 Lower depth (ft): 6.6 USCS: SOLW PID: 1.5 Jerome: 0	
Sample Description: Wet, very soft, gray to grayish white, silt-like grains, trace fine sand, gray sand in shell seams from 22 to 25 inches, moth ball odor. Upper depth (ft): 3.3 Lower depth (ft): 6.6 USCS: SOLW PID: 1.5 Jerome: 0	
Upper depth (ft): 6.6 Lower depth (ft): 9.9 USCS: SOLW PID: 1.5 Jerome: 0	
Sample Description: Wet, soft, grayish-white to dark gray, silt-like grains grading to SILT, little clay in bottom half of core, low plasticity, mothball odor, slight decomposing (ML).	plant odor
Upper depth (ft): 9.9 Lower depth (ft): 13.2 USCS: ML PID: 0.8 Jerome: 0	
Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.	
Upper depth (ft): 13.2 Lower depth (ft): 16.5 USCS: ML PID: 1 Jerome: 0	
Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.	
Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0.9 Jerome: 0 Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor. Black fine sand seams less than 1-inch thick from 9.5 inches.	7 inches to

Vibracore Field Log

١	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40037	10/2/2006	13:02	1126276.44	915058.26	3.4	363.1	359.7	SOIL	SEDIMENT	~	1	20	20			
	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0.9 Jerome: 0

Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor. Black fine sand seams less than 1-inch thick from 7 inches to 9.5 inches.

Relinquished:				[Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:				[Date/T	ime:		Receive	ed: _			Date	Time:					
Location ID	Dat	te	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-40038	9/28/2	2006	08:45	112583	5.82	915146.1	1.5	362.7	361.2	SOIL	SEDIMENT	~	1	20	20		0.1	
Comments:																		
Upper depth (ft):	0	Lo	wer de	pth (ft):	3.3	USCS:	ML		PID:	1.3	Jerome:	0						
Sample Descriptio	n:	0 to 2	1 inche			black, SILT, lit RL).	tle clay, li	ittle fine s	sand, orga	anic odo	r. Rrest of c	ore is wet, so	oft, gray, SI	LT, little fine s	and, trace	clay, trac	e shells	s, some
Upper depth (ft):	0	Lo	wer dep	oth (ft):	3.3	USCS:	ML		PID:	1.3	Jerome:	0						
Sample Descriptio	n:			es is wet Ilfur odor		black, SILT, lit RL).	tle clay, li	ittle fine s	sand, orga	anic odo	r. Rest of co	ore is wet, so	ft, gray, SIL	T, little fine sa	and, trace o	clay, trace	e shells,	, some
Upper depth (ft):	3.3	Lo	wer dep	oth (ft):	6.6	USCS:	ML		PID:	3.4	Jerome:	0						
Sample Descriptio	n:		0 inche (MARL		oft, gr	ay, SILT, little	fine sand	, some o	ncolites, t	race sh	ells. Rest of	core wet, sof	t, gray, SIL	.T, trace clay,	trace shells	s, little fin	e sand,	sulfur
Upper depth (ft):	6.6	Lo	wer dep	pth (ft):	9.9	USCS:	ML		PID:	1	Jerome:	0						
Sample Descriptio	n:	Wet, s	soft, gra	ay, SILT	and F	INE SAND, sh	nells throu	ughout, (I	MARL), sı	ulfur odd	or.							
Upper depth (ft):	9.9	Lo	wer dep	pth (ft):	13.2	2 USCS:	ML		PID:	2.9	Jerome:	0						
Sample Descriptio	n:	Wet, s	soft, gra	ay, SILT	, some	e fine sand, tra	ice clay, t	race she	lls, sulfur	odor, (N	IARL).							
Upper depth (ft):	13.2	Lo	wer dep	pth (ft):	16.5	5 USCS:	ML		PID:	3.9	Jerome:	0						
Sample Description	n:	Wet. s	soft, ar	av. SII T	some	e fine sand, tra	ice clav. t	race she	lls. sulfur	odor. (N	IARL). Trace	organics.						

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40038	9/28/2006	08:45	1125835.82	915146.1	1.5	362.7	361.2	SOIL	SEDIMENT	✓	1	20	20		0.1	
	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0.6 Jerome: 0
Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:	_	Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-40039	9/28/200	06 15:15	1126343.52	915408.88	2.4	362.6	360.2	SOIL	SEDIMENT	✓	1	20	19.9		0	0
Comments:																
Upper depth (ft): Sample Description	n: 0			black, SILT ar		AND, som	PID: ne wood fr		Jerome: s, trace shell		of core is w	et, very soft,	dark gray S	SILT, trac	e fine s	and,
Upper depth (ft): Sample Description		Lower de, Vet, very so	• • •	SILT, little clay		e sand, b	<i>PID:</i> lack orga		Jerome: 7.5 inches tra		gments.					
Upper depth (ft): Sample Description	6.6 <i>n:</i> V	<i>Lower de</i> Vet, soft, da		USCS:		nd, botton	<i>PID:</i> n 8 inches	-	Jerome: le to some cl	_	anics, low	olasticity.				
Upper depth (ft): Sample Description			<i>pth (ft):</i> 13 ark gray, SILT	2 USCS:		e fine san		0.2 modera	Jerome:		um-like odd	or.				
Upper depth (ft): Sample Description		<i>Lower de</i> Vet, soft, da		5 USCS:		s, low pla	PID:	0.6	Jerome:	0						
Upper depth (ft): Sample Description	16.5 <i>n:</i> V	<i>Lower de,</i> Vet, soft, da	• •	8 USCS:		ick fine s	<i>PID:</i> and seam		Jerome:		plasticity.					

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40039	9/28/2006	15:15	1126343.52	915408.88	2.4	362.6	360.2	SOIL	SEDIMENT	✓	1	20	19.9		0	0
	Comments:			•													

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0.6 Jerome: 0

Sample Description: Wet, soft, dark gray, SILT, little clay, 1/8 of inch thick fine sand seam at 12 inches and 28 inches, low plasticity.

Relinquished:			Da	te/Time:			Relinqu	ished: _			Date	Time:					
Received:			Dat	te/Time:		_	Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northin	g E	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40040	9/29/2006	07:32	1125964.	16 9 ⁻	15413.8	3.5	363	359.5	SOIL	SEDIMENT	✓	1	20	19.8			
Comments:			•											•			
Upper depth (ft): Sample Descriptio		Lower dep		3.3 gray, SIL	USCS: _T, trace fir		wood fra	PID:		Jerome:		odor.					
Upper depth (ft): Sample Descriptio		Lower dep	<i>pth (ft):</i> ark gray, Sl	6.6 LT, trace	USCS:		etroleum	<i>PID:</i> -like odor		Jerome:	0						
Upper depth (ft): Sample Descriptio		Lower dep	<i>pth (ft):</i> ark gray, Sl	6.6 LT, trace	USCS:		etroleum	<i>PID:</i> -like odor	-	Jerome:	0						
Upper depth (ft): Sample Descriptio			<i>pth (ft):</i> ark gray, Sl		USCS:		odor.	PID:	0	Jerome:	0						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i> et, soft, da	<i>pth (ft):</i> ark gray, Sl	13.2 LT, trace	USCS:		odor.	PID:	0.2	Jerome:	0						
Upper depth (ft): Sample Descriptio		<i>Lower dep</i>	<i>pth (ft):</i> ark gray, Sl	16.5 LT, trace	USCS:		odor.	PID:	0	Jerome:	0						

Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
•	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	ш	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-40040	9/29/2006	07:32	1125964.16	915413.8	3.5	363	359.5	SOIL	SEDIMENT	✓	1	20	19.8			
1	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: ML PID: 0 Jerome: 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, organic odor.

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	/Time:					
Received:			Date/	Time:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-40041	9/28/200	6 09:30	1125806.35	915733.76	2.4	362.7	360.3	SOIL	SEDIMENT	~	1	20	19.3		2	
Comments:					1											
Upper depth (ft): Sample Description	<i>n:</i> 0		es is wet, soft	black, SILT, lit fur odor, (MAR	tle clay, t	race fine	PID: sand, org	-	Jerome: or, low plasti		core is wet	, soft, gray sil	t and fine s	and, som	ie onco	lite,
Upper depth (ft): Sample Description		Lower de et, soft, gr		USCS: e fine sand, trad		ittle oncol	<i>PID:</i> ites, sligh	-	Jerome: odor, trace sl).					
Upper depth (ft): Sample Descriptio	6.6 n: W	Lower de et, soft, gi	1 0 /	USCS:		derate pla		0.2 ace shel	Jerome:	-	RL).					
Upper depth (ft): Sample Descriptio	<i>n</i> : 0	Lower de to 31 inche very botto	es wet, soft, g	2 <i>USCS:</i> ray SILT, little o		fine sand		0.2 nells. Re	Jerome: est of core is		e well sorte	d SAND, som	ne SILT, tra	ce organ	ics, trad	ce clay
Upper depth (ft): Sample Description	13.2 n: W	Lower de et, soft, da		5 <i>USCS</i> : and CLAY, trac		nd, trace	PID: organics,	-	Jerome: nells in upper	-	organic oc	lor.				
Upper depth (ft): Sample Descriptio		Lower de		3 <i>USCS:</i> and CLAY, tra	_	and, mod	<i>PID:</i> lerate pla	-	Jerome:	-	m from 20 i	nches to 21.5	inches.			

Relinquished:				Dat	e/Time:			Relinqu	ished: _			Date	Time:					
Received:				Dat	e/Time:			Receive	·d: _			Date/	Time:					
Location ID	Da	te	Time	Northing	ı E	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeroi
OL-VC-40042	9/28/2	2006	11:10	1126190.7	3 9	16397.2	4.7	362.6	357.9	SOIL	SEDIMENT	✓	1	20	20			
Comments:																		
Upper depth (ft):	0	1	Lower dep	oth (ft):	3.3	USCS:	ML		PID:	2.8	Jerome:	0						
Sample Description	n:			ayish-brow es to 34 inc			, trace fir	ne sand, s	some she	ells, mod	erate plastic	ity, some org	anics, brow	n fine graine	d sand sea	m from 29	9 to 30	inches
Upper depth (ft):	3.3	1	Lower dep	oth (ft):	6.6	USCS:	ML		PID:	4.6	Jerome:	0						
Sample Description	n:			n stiff, gray es, trace wo							inics, light br	own fine san	d seams 1/	8 inch thick a	t 18 inches	, 22 inche	es, 31 ir	nches
Upper depth (ft):	6.6	1	Lower dep	oth (ft):	9.9	USCS:	ML		PID:	3.3	Jerome:	0						
Sample Description	n:		, medium t matter		sh-brov	vn, SILT a	nd CLAY,	, trace fin	e sand, li	ttle orga	inics, light br	own fine san	d seams th	roughout, trac	e wood fra	gments,	decomp	osing
Upper depth (ft):	9.9	1	Lower dep	oth (ft):	13.2	USCS:	ML		PID:	3.7	Jerome:	0						
Sample Description	n:		, medium t matter		sh-brov	vn, SILT a	nd CLAY,	, trace fin	e sand, li	ittle orga	inics, light br	own fine san	d seams th	roughout, trac	e wood fra	gments,	decomp	osing
Upper depth (ft):	13.2	1	Lower dep	oth (ft):	16.5	USCS:	CL		PID:	1.7	Jerome:	0						
Sample Description	n:	Mois	st, mediu	ım stiff, gra	yish-bro	own CLAY	, some sil	lt, trace s	hells, org	anic ma	tter seam fro	m 12 to 15 ir	nches, deco	omposing plar	nt matter od	lor, mode	erate pla	asticity
Upper depth (ft):	16.5	1	Lower dep	oth (ft):	19.8	USCS:	CL		PID:	0.8	Jerome:	0						
Sample Description	n:			ım stiff, gra	•		, some sil	lt, trace s	hells, org	anic ma	tter seam fro	m 2.5 to 5 in	ches, 8 to 7	I1 inches, 16	to 21 inche	s, decon	nposing	plant

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50001	10/6/2006	07:39	1128241.64	913243.6	24.7	362.8	338.1	SOIL	SEDIMENT	~	1	2.5	2.5		0.4	
Comments:							_									_

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: SM PID: 11.4 Jerome: 0

Sample Description: Moist, loose, dark grayish brown fine sand, little silts, trace shells, sulfur odor (MARL).

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:										Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50002	10/6/2006	08:00	1128207.9	913210.4	13.8	362.7	348.9	SOIL	SEDIMENT	~	1	2	1.5		0.1	
Comments:			•	•												

Upper depth (ft): 0.5 USCS: SM PID: 2.9 Jerome: 0
Sample Description: Moist, loose dark grayish-brown, fine SAND, trace silt, trace shells, slight petroleum-like odor.

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50003	10/5/2006	15:00	1133033.99	910699.73	4.3	362.8	358.5	SOIL	SEDIMENT	✓	1	2.5	2.5		0	
	Comments:	_		_	_						_	<u> </u>		<u> </u>			

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: SM PID: 10.2 Jerome: 0

Sample Description: Wet, soft, dark gray, fine SAND, some silt, some organics, trace shells, slight sulfur odor, decomposing plant odor, trace onocolites.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:										Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50004	10/5/2006	15:15	1133038.05	910750.95	5.2	362.8	357.6	SOIL	SEDIMENT	~	1	3	3		0	
Comments:																

Upper depth (ft): 0.5 USCS: SM PID: 0.3 Jerome: 0
Sample Description: Moist, soft, fine SAND, trace silt, little shells, trace organics, little oncolites in last 0.5 inch, sulfur odor.

Vibracore Field Log

I	Relinquished:	elinquished: Date/Time:									Date/	Time:					
	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50005	10/5/2006	15:20	1133038.22	910790.26	6.4	362.8	356.4	SOIL	SEDIMENT	✓	1	2.5	2.5		0	
	Comments:																

Upper depth (ft): 0

Lower depth (ft):

0.5 *USCS:* ML

PID: 1.1

Jerome: 0

Sample Description:

0 to 3 inches is wet, soft, dark gray fine SAND, little silt, some organics, some oncolites, trace shells, Rest of core is wet, soft, light gray, SILT, some fine sand, trace clay, trace shells, slight sulfur and decomposing plant odor (MARL).

Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50006	10/5/2006	14:30	1132988.18	910702.53	4	362.8	358.8	SOIL	SEDIMENT	✓	1	2.7	2.5		0	
1	Comments:			<u> </u>	_	_				_		_	_	_			·

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: SM PID: 0 Jerome: 0
Sample Description: Wet, soft, dark gray, fine SAND, little silt, trace shells, slight sulfur and decomposing plant odor.

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received: _			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50007	10/5/2006	15:48	1132921.58	910585.52	3.3	362.8	359.5	SOIL	SEDIMENT	~	1	2.5	2.5		0	
	Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 6.6 Jerome: 0

Sample Description: Wet, soft, dark gray, fine SAND grading to silt, some fine sand, trace organics, trace to little shells, slight sulfur and decomposing plant odor.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:	w									Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerom
OL-VC-50008	10/5/2006	14:00	1132937.02	910702.23	3.7	362.8	359.1	SOIL	SEDIMENT	V	1	2	2		0	
Comments:																

Upper depth (ft): 0

Lower depth (ft): 0.5

0.5 *USCS:* ML

PID: 0.4

Jerome: 0

Sample Description:

Top 2 inches is wet, soft, dark grayish-brown fine SAND, little silt, trace shells, slight sulfur odor. Rest of core is wet, soft, light brown, SILT, little fine sand, trace shells, slight sulfur odor (MARL).

Vibracore Field Log

Relinquishe	d:	Date/T		Relinqu	ished: _			Date	Time:							
Received:		_	Receive	ed: _			Date	Time:								
Location	ID Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50	10/5/200	6 13:35	1132922.96	910788.5	4.8	362.8	358	SOIL	SEDIMENT	~	1	2.8	2.8			
Comments	S:			•												

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: SM PID: 1.3 Jerome: 0 Sample Description: Moist, loose, dark gray, fine SAND, trace silt, little shells, trace organics, slight sulfur odor.

Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:										Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50010	10/5/2006	13:25	1132867.98	910706.9	2.8	362.8	360	SOIL	SEDIMENT	✓	1	2.5	2.3		0	
1	Comments:																·

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: SW PID: 0 Jerome: 0

Sample Description: Wet, dense, dark gray to black, well sorted SAND and coarse GRAVEL, trace shells.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50011	10/5/2006	09:57	1134380.93	913456	26	362.7	336.7	SOIL	SEDIMENT	V	1	2	1.9		0	
Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 1.1 Jerome: 0

Sample Description: Wet, soft dark gray, SILT, some fine sand, trace clay, trace shells, sulfur odor (MARL).

Vibracore Field Log

Relinquished:	llinquished: Date/Time:									Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50012	10/5/2006	09:57	1134354.89	913413.37	27.2	362.7	335.5	SOIL	SEDIMENT	✓	1	3	3		0	
Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0.2 Jerome: 0

Sample Description: Wet, soft, olive gray, SILT, trace fine sand, trace clay, trace organics.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50013	10/5/2006	10:50	1134352.65	913487.48	27.2	362.8	335.6	SOIL	SEDIMENT	✓	1	2.5	2.5		0	
Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0 Jerome: 0 Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, trace organics, slight sulfur odor.

Vibracore Field Log

ı	Relinquished: _			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
1	Received: _			Date/T	ime:		Receive	ed: _			Date/	/Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50014	10/5/2006	11:00	1134319.49	913528.64	27.4	362.8	335.4	SOIL	SEDIMENT	~	1	2.7	2.7		0	
	Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0 Jerome: 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

Vibracore Field Log

Relinquished:	elinquished: Date/Time:									Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50015	10/5/2006	11:19	1134286.66	913564.87	27.6	362.8	335.2	SOIL	SEDIMENT	✓	1	2.5	2.5		0	
Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0.1 Jerome: 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

Vibracore Field Log

Relinquished:	inquished: Date/Time:									Date	Time:					
Received:							ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-50016	10/5/2006	11:38	1134263.48	913600.59	27.8	362.8	335	SOIL	SEDIMENT	~	1	2.6	2.6		0	
Comments:			•									•				·

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0 Jerome: 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50017	10/5/2006	12:00	1134228.19	913531.15	28.2	362.7	334.5	SOIL	SEDIMENT	~	1	2.5	2.4		0	
Comments: No	Geotechnical s	ample colle	cted due to insuffic	ient sample volum	e.											
Upper depth (ft):	0	Lower de _l	<i>pth (ft):</i> 0.5	USCS:	ML		PID:	0	Jerome:	0						

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

Date Printed: 11/20/2006

Vibracore Field Log

Rel	inquished:			Date/T	ime:	_	Relinqu	ished: _			Date/	Time:					
Red	ceived:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
	OL-VC-50018	10/5/2006	07:32	1128154.91	921734.44	3.2	362.8	359.6	SOIL	SEDIMENT	~	1	1.8	1.8		0	
С	omments: No	Geotechnical sa	ample colle	cted due to insuffic	ient sample volume	Э.											
Up	per depth (ft):	0 1	Lower de _l	<i>pth (ft):</i> 0.5	USCS:	SM		PID:	0	Jerome:	0						
Sar	nple Description	n: Wet	, hard, d	ark gray to ligh	nt gray, well so	rted SAN	D and GF	RAVEL,so	ome silt,	fish-like odd	or.						

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Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-50019	10/5/2006	08:00	1128155.55	921779.34	3.4	362.8	359.4	SOIL	SEDIMENT	✓	1	2	2		0	
	Comments: No	Geotechnical sa	ample colle	cted due to insuffic	ient sample volume).											
i	Upper depth (ft):	0 1	Lower de	oth (ft): 0.5	USCS:	SM		PID:	1.7	Jerome:	0						

Sample Description: Wet, loose, dark gray to light gray poorly sorted fine sand, some silt, some oncolites, sulfur odor.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/1	'ime:		Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50020	10/5/2006	08:18	1128134.2	921757.53	3.6	362.8	359.2	SOIL	SEDIMENT	~	1	2.3	2.3		0	
Comments:	No Geotechnical s	ample colle	cted due to insuffic	ient sample volume	Э.											
Upper depth (ft)): 0	Lower de _l	pth (ft): 0.5	USCS:	SM		PID:	0	Jerome:	0						

Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace wood fragments, sulfur odor.

Sample Description:

Re	elinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Re	eceived:			Date/T	ime:		Receive	d: _			Date/	'Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
Γ	OL-VC-50021	10/5/2006	08:34	1128110.9	921736.3	3.8	362.8	359	SOIL	SEDIMENT	~	1	2.3	2.3		0	
(Comments: No (Geotechnical sa	ample colle	cted due to insuffic	ient sample volume).											
U_{I}	oper depth (ft):	0 1	Lower dep	oth (ft): 0.5	USCS:	SM		PID:	2.8	Jerome:	0						
Sa	mple Description	n: Wet	, loose, d	dark gray to lig	ht gray, poorly	sorted fir	ne SAND	, some si	ilt, some	oncolites, tra	ace organics	, sulfur odo	r.				



Vibracore Field Log

I	Relinquished: _			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
	OL-VC-50022	10/5/2006	08:50	1128109.04	921779.25	3.8	362.8	359	SOIL	SEDIMENT	~	1	2.2	1.9		0	
	Comments: No	Geotechnical sa	ample colle	ected due to insuffic	ient sample volume	e.											
1	Upper depth (ft):	0	Lower de	nth (ft): 0.5	USCS:	SM		PID:	0.2	Jerome:	0						

Sample Description: Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, fish odor.

Location ID Date OL-VC-60054 10/2/20 Comments: Upper depth (ft): 0 Sample Description: V Upper depth (ft): 0.5				D	ate/Ti	me:	_	Relinqu	ished: _			Date/	Time:					
Received:				D	ate/Ti	me:		Receive	d: _			Date/	'Time:					
Location ID	Dat	е	Time	Northi	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-60054	10/2/2	006	10:12	1120967	7.63	927585.19	24	362.7	338.7	SOIL	SEDIMENT	✓	1	20	18.5			
Comments:																		
			ower dep soft, da		0.5 SILT, lit	USCS: ttle fine sand,		troleum-li	<i>PID:</i> ke odor.	0	Jerome:	0						
Upper depth (ft):	0.5	L	ower dep	th (ft):	3.3	USCS:	ML		PID:	0	Jerome:	0						
Sample Description	n:	Wet,	soft blad	ck, SILT,	little o	clay, trace fine	sand, p	etroleum-	like odor.									
Upper depth (ft): Sample Description			ower dep soft, bla	• /	6.6 , some	USCS: e clay, trace fi		low plast	<i>PID:</i> icity, stro	-	<i>Jerome:</i> lleum-like odd	-						
Upper depth (ft):	6.6	\boldsymbol{L}	ower dep	th (ft):	9.9	USCS:	ML		PID:	0	Jerome:	0						
Sample Description			soft, bla m half.	ck to oliv	/e-gra	y, SILT, some	clay, tra	ce fine sa	ınd, low p	lasticity	, strong petro	oleum-like od	or in top ha	alf, slight petro	oleum-like a	and organ	ic odor	in
Upper depth (ft):	9.9	L	ower dep	th (ft):	13.2	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet,	soft to n	nedium s	stiff, da	ark olive gray t	to olive g	ray, SILT	and CLA	Y, mode	erate plasticit	y, trace shell	ls, slight su	lfur odor in bo	ttom half.			
Upper depth (ft):	13.2	L	ower dep	th (ft):	16.5	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Mois	t, soft to	medium	stiff, o	dark olive gray	to dark	gray, CLA	Y, some	silt, mo	derate to higl	h plasticity.						

Vibracore Field Log

Relinquished: _			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-60054	10/2/2006	10:12	1120967.63	927585.19	24	362.7	338.7	SOIL	SEDIMENT	✓	1	20	18.5			
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 18.5 USCS: CL PID: 0 Jerome: 0

Sample Description: Moist, soft to medium stiff, dark olive gray to dark gray, CLAY, some silt, moderate to high plasticity.

Relinquished:			Da	te/Time:			Relinqu	ished: _			Date	/Time:					
Received:			Da	te/Time:		_	Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northin	g E	asting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60055	10/4/2006	6 09:00	1120409.	66 92	7405.57	28.4	362.7	334.3	SOIL	SEDIMENT	~	1	20	19.3			
Comments:													•				
Upper depth (ft): Sample Description		Lower de, et, very so	pth (ft): oft, black, S	0.5 SILT, trac	USCS: e fine san		eum-like d	PID: odor.	0	Jerome:	0						
Upper depth (ft): Sample Description		Lower de, et, soft, b	pth (ft): lack, SILT	3.3 , trace fin	USCS: e sand, po		like odor	PID:		Jerome: ment.	0						
Upper depth (ft): Sample Description		Lower de, et, soft, bl		6.6 some cla	USCS: ay, trace fi		low plast	<i>PID:</i> icity, trac		Jerome: ics, petroleur	-						
Upper depth (ft): Sample Description	6.6 n: W	Lower de, et, soft, lig		9.9 black, Sli	USCS: LT, some		fine san	<i>PID:</i> d, low pla		Jerome: fine gravel se	-	to 26 inch	es , petroleum	n-like odor.			
Upper depth (ft): Sample Description		Lower de, et, soft, bl	pth (ft): ack to dark	13.2 c brown, \$	USCS: SILT, som		ace fine s	<i>PID:</i> sand, peti		<i>Jerome:</i> ike odor.	0						
Upper depth (ft): Sample Description		Lower de, et, soft, gr		16.5 vn, SILT a	USCS: and CLAY		ne sand, ı	<i>PID:</i> moderate		<i>Jerome:</i> ty, petroleum							

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-60055	10/4/2006	09:00	1120409.66	927405.57	28.4	362.7	334.3	SOIL	SEDIMENT	✓	1	20	19.3			
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.3 USCS: CL PID: 0 Jerome: 0 Sample Description: Moist, medium stiff, grayish-brown CLAY and SILT, moderate to high plasticity, trace shells.

Relinquished:			D	ate/Tim	ne:		Relinqui	ished: _			Date/	Time:					
Received:			D	ate/Tim	ne:	_	Receive	d: _			Date/	'Time:					
Location ID	Date	Time	Northi	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-60056	10/4/200	06 09:00	1119788	3.42	927263.63	28.4	362.7	334.3	SOIL	SEDIMENT	✓	1	20	18.3			
Comments:																	
Upper depth (ft): Sample Description		Lower dep Vet, very so	oft black S		USCS:			PID:		Jerome:							
Upper depth (ft): Sample Description		Lower dep Vet, soft, bla		3.3 , some	USCS: clay, little fin		ow plastic	PID:	0	Jerome:	0						
Upper depth (ft):	3.3	Lower de	oth (ft):	6.6	USCS:	ML		PID:	0	Jerome:	0						
Sample Description	<i>ı:</i> V	Vet, soft, bla	ack, SILT	, some	clay, little fin	e sand, l	ow plastic	city, trace	organic	s, slight petr	oleum-like od	dor.					
Upper depth (ft): Sample Description	1: 0		es is wet,			me clay,			v plastic	Jerome: ity, slight pet etroleum-like	roleum-like o	odor. Rest o	of core is SILT	, some fine	e sand, so	ome cla	y, low
Upper depth (ft):	9.9	Lower de	pth (ft):	13.2	USCS:	ML		PID:	16.3	Jerome:	0						
Sample Description			,	,	,		,	,	•	, ,	rel within, stro al-like materi	0 1	um-like odor. :hes.	Rest of cor	e is soft,	black to) dark
Upper depth (ft):	13.2	Lower de	pth (ft):	16.5	USCS:	ML		PID:	0.5	Jerome:	0						
Sample Description					ck, SILT, son					, slight petrol	eum-like odd	or. Rest of c	core is wet, so	oft, black to	dark gray	/-brown	SILT,



Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-60056	10/4/2006	09:00	1119788.42	927263.63	28.4	362.7	334.3	SOIL	SEDIMENT	✓	1	20	18.3			
	Comments:																
ı	Upper depth (ft):	16.5 <i>1</i>	Lower de _l	pth (ft): 18.3	3 USCS:	CL		PID:	0.3	Jerome:	0						

Sample Description: Wet, medium stiff to stiff, dark gray-brown SILT and CLAY, trace fine sand, moderate to high plasticity, black discoloration throughout.

Relinquished:			Dat	e/Time: _			Relinqu	ished: _			Date	Time:					
Received:			Dat	e/Time: _		_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	g Eas	sting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-60057	10/4/2006	13:25	1118991.7	72 9269	948.31	29.1	362.7	333.6	SOIL	SEDIMENT	✓	1	20	19.2			
Comments:		<u>I</u>					<u>I</u>	<u>I</u>							<u>I</u>		
Upper depth (ft): Sample Description		Lower de	pth (ft):	0.5 trace fine s	USCS: sand, tra		trace orga	PID: anics, per		Jerome: like odor.	0						
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, bl	• •		USCS: sand,little		e clay, tra	<i>PID:</i> ace organ		<i>Jerome:</i> roleum-like o		ticity.					
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, bl	• •		USCS: sand,little		e clay, tra	<i>PID:</i> ace organ		Jerome: ng petroleum		w plasticity	<i>'</i> .				
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, bl			USCS: sand,little		e clay, tra	<i>PID:</i> ace organ	_	Jerome: ng petroleum		w plasticity	′ .				
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, bl	F O - / -	-	USCS: to black		tle to son	<i>PID:</i> ne clay, to	-	Jerome: e sand, low to	-	asticity, tra	ce organics, ¡	petroleum-l	ike odor.		
Upper depth (ft): Sample Description	: 0 to		es is wet, s	oft, black,		tle to som		race fine			slight petrole		r.18 to 20 inc				



Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60057	10/4/2006	13:25	1118991.72	926948.31	29.1	362.7	333.6	SOIL	SEDIMENT	~	1	20	19.2			
Comments:																
Upper depth (ft):	16.5	Lower de	oth (ft): 19.2	2 USCS:	CL		PID:	0	Jerome:	0						

Upper depth (ft): 16.5 Lower depth (ft): 19.2 USCS: CL PID: 0 Jero Sample Description: Moist, medium stiff, brown, CLAY and SILT, moderate to high plasticity, trace shells.

Relinquished:			Date/1	Гіте:		Relinqu	ished: _			Date	/Time:					
Received:			Date/1	Гіте:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Je
OL-VC-60058	10/4/2006	14:30	1118416.66	926592.27	1.6	362.7	361.1	SOIL	SEDIMENT	✓	1	20	19.2			
Comments:																
Upper depth (ft): Sample Description		Lower de		USCS:		petroleum	<i>PID:</i> n-like odo		Jerome:	0						
Upper depth (ft): Sample Description		Lower de, et, soft, bl		USCS: e clay , trace fir		slight petr	<i>PID:</i> roleum-lik		Jerome:	0						
Upper depth (ft): Sample Description		Lower de, et, soft, bl		USCS: e clay , trace fir		slight petr	<i>PID:</i> roleum-lik	-	Jerome:	0						
Upper depth (ft): Sample Descriptio			pth (ft): 6.6 ack, SILT, son	USCS: ne clay, trace fi		low to mo	<i>PID:</i> oderate p		Jerome: trace organi	-	n-like odor.					
Upper depth (ft): Sample Descriptio		<i>Lower de</i> et, soft, bl	. • ,	USCS: ne clay, trace fi		low to mo		21.2 plasticity,	Jerome: trace organi		n-like odor.					
Upper depth (ft): Sample Description		<i>Lower de</i> , et, soft, bl		2 <i>USCS:</i> ne clay, trace fin		moderate	PID:	_	Jerome:	-	dor.					

Vibracore Field Log

Relinquished: _			Date/1	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/1	ime:		Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60058	10/4/2006	14:30	1118416.66	926592.27	1.6	362.7	361.1	SOIL	SEDIMENT	✓	1	20	19.2			
Comments:	•		•	•	•		•			•		•	•			
Upper depth (ft):	13.2	Lower de	<i>pth (ft):</i> 16.	5 USCS:	ML		PID:	1.1	Jerome:	0						
Sample Descripti	ion: We	t, soft, bl	ack,SILT, som	e clay, trace fi	ne sand, ı	moderate	plasticity	, petrol	eum-like odd	or, trace orga	nics.					
Upper depth (ft):	16.5	Lower de	<i>pth (ft):</i> 19.:	2 USCS:	ML		PID:	0.3	Jerome:	0						

Wet, soft, black to dark grayish-brown, SILT, some clay, trace fine sand, moderate plasticity, trace organics.

Sample Description:

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/1	ime:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-60059	10/4/2006	07:45	1121126.21	927880.63	8	362.7	354.7	SOIL	SEDIMENT	✓	1	20	19.4			
Comments: SUL	FUR SMELL	STRONG.											•			
Upper depth (ft): Sample Description		Lower de	pth (ft): 3.3 oft to soft, light			sand, litt	PID:		Jerome:							
Upper depth (ft): Sample Description		Lower de	pth (ft): 3.3 off to soft, light			sand, litt	<i>PID:</i> le clay, tr		Jerome:							
Upper depth (ft): Sample Description		Lower de, et, soft, lig	pth (ft): 6.6 ght brown, SILT			and, trace	<i>PID:</i> e shells, 4		Jerome: ng piece of v		ches, sulfu	odor, (MARL	.).			
Upper depth (ft): Sample Description		<i>Lower de</i> et, soft, lig	<i>pth (ft):</i> 9.9 ght brown,SILT	USCS: , some clay, tra		and, low	<i>PID:</i> plasticity		<i>Jerome:</i> hells, sulfur o).					
Upper depth (ft): Sample Description		Lower de	pth (ft): 13.2 medium stiff, li		-	「and CL∕		12.7 fine san	Jerome: d, moderate	-	ce shells, s	ulfur odor, (N	IARL).			
Upper depth (ft): Sample Description		<i>Lower de</i> et, mediur	<i>pth (ft):</i> 16.5 m stiff, light gra		_	CLAY, trad	<i>PID:</i> ce fine sa	-	Jerome:	-	lls, sulfur o	dor, (MARL).				

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	'ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-60059	10/4/2006	07:45	1121126.21	927880.63	8	362.7	354.7	SOIL	SEDIMENT	✓	1	20	19.4			
Comments: su	LFUR SMELL S	STRONG.														
Upper depth (ft):	16.5	Lower de	pth (ft): 19.4	4 USCS:	CL		PID:	0	Jerome:	0						

Sample Description:

Wet, medium stiff, light grayish-brown, SILT and CLAY, trace fine sand, trace organics, moderate plasticity, trace shells, sulfur odor, slight decomposing plant odor, (MARL).

Relinquished:					Date/Ti	ime:		Relinqu	uished: _			Date	Time:					
Received:				[Date/Ti	ime:		Receive	ed: _			Date	/Time:					
Location ID	Dat	e Tir	me	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60060	10/3/2	006 13	:00	112058	88.84	928052.52	11	362.9	351.9	SOIL	SEDIMENT	✓	1	20	19.8			
Comments:		ı							1				•					
Upper depth (ft): Sample Description				th (ft): ck, SILT	3.3 , some	USCS e fine sand, s		tle clay, lo	PID: ow plastic		Jerome:							
Upper depth (ft):	3.3	Lowe	er dep	th (ft):	6.6	USCS	: ML		PID:	0	Jerome:	0						
Sample Description	n:					dense gray fi sand, mode						me clay, little	fine sand,	low plasticity	. Rest of co	re is wet	soft, bl	ack,
Upper depth (ft):	6.6	Lowe	er dep	th (ft):	9.9	USCS	: CL		PID:	0	Jerome:	0						
Sample Description	n:					and SILT, so nches, some				igh plas	ticity, gray po	oorly sorted s	and seam a	at 6 inches, 10	0 inches, 2	3 inches	and 37	inches,
Upper depth (ft):	9.9	Lowe	er dep	th (ft):	13.2	USCS	: CL		PID:	0	Jerome:	0						
Sample Description	n:					and fine SAI rganic seam			Y, some s	silt, little	fine sand, mo	oderate to hiç	gh plasticity	, gray poorly	sorted fine	sand sea	m at 12	! inches
Upper depth (ft):	13.2	Lowe	er dep	th (ft):	16.5	USCS	: CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet, mo		oft to m	edium	stiff, gray, C	LAY , som	ne silt, tra	ce fine sa	and, mod	derate to high	n plasticity, 3	inch piece	of wood from	15 to 18 in	ches, sor	ne orga	nics
Upper depth (ft):	16.5	Lowe	er dep	th (ft):	19.8	USCS	: CL		PID:	0	Jerome:	0						
Sample Description	n:	Moist, m	nediu	m stiff, k	orown,	CLAY, mode	erate to hi	gh plastic	ity, trace	shells, t	race organics	3.						

Relinquished:				D	ate/III	me:		Relinqu	ished: _			Date	/Time:					
Received:				D	ate/Ti	me:	_	Receive	ed: _			Date	/Time:					
Location ID	Da	te	Time	Northi	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-60061	10/3/2	2006	13:45	112000	0.79	928094.2	9.5	362.8	353.3	SOIL	SEDIMENT	✓	1	20	19.7			
Comments:																		
Upper depth (ft): Sample Description			Lower dep		3.3 「, some	USCS:		ow to mo	PID: derate pl		<i>Jerome:</i> petroleum-lik	-						
Upper depth (ft):	3.3	1	Lower de _l	pth (ft):	6.6	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet odo		ack, CLA	Y, som	e silt, little fin	e sand, n	noderate	to high p	lasticity,	gray poorly	sorted fine sa	and seam a	at 29 inches a	nd 33 inche	es, slight	petrole	um-like
Upper depth (ft):	6.6	1	Lower de _l	pth (ft):	9.9	USCS:	CL		PID:	1.7	Jerome:	0						
Sample Description	n:			ark gray, um odor.	CLAY a	and SILT, little	e fine san	nd, low to	moderat	e plastic	ity, black poo	orly sorted fin	e sand sea	am at 16 inche	es and 29 in	nches, tra	ice orga	anics
Upper depth (ft):	6.6	1	Lower de _l	pth (ft):	9.9	USCS:	CL		PID:	1.7	Jerome:	0						
Sample Description	n:			ark gray, um odor.	CLAY (and SILT, little	e fine san	nd, low to	moderat	e plastic	ity, black poo	orly sorted fin	e sand sea	am at 16 inche	es and 29 in	nches, tra	ice orga	anics
Upper depth (ft):	9.9	1	Lower de _l	pth (ft):	13.2	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet	, soft, bla	ack, CLA	Y and	SILT, little find	e sand, m	noderate	plasticity	, light br	own poorly s	orted fine sar	nd seam fro	om 30 to 32 in	ches, trace	organics	S.	
Upper depth (ft):	13.2	1	Lower de _l	pth (ft):	16.5	USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:					lark gray to da						derate to hig	h plasticity,	light brown p	oorly sorte	d fine sar	nd seam	1 at 37



Vibracore Field Log

R	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
R	eceived:			Date/T	ime:		Receive	d: _			Date/	Time:					
I	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
I	OL-VC-60061	10/3/2006	13:45	1120000.79	928094.2	9.5	362.8	353.3	SOIL	SEDIMENT	~	1	20	19.7			
	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 19.7 USCS: CL PID: 0 Jerome: 0

Sample Description: Wet to

Wet to moist, soft to medium stiff, dark gray and dark brown, mottled CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 17 inches, 1 inch wood piece at 27 inches, trace organics throughout.



Relinquished:			Date/	Гіте:		Relinqu	ished: _			Date	/Time:					
Received:			Date/ ⁻	Гіте:		Receive	ed: _			Date/	/Time:					
Location ID	Date	e Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-60062	10/4/20	006 10:45	1119550.27	927966.44	9.5	362.7	353.2	SOIL	SEDIMENT	~	1	20	17.8			
Comments:			1													
Upper depth (ft): Sample Description	n:			3 inches. Res		is wet, so	PID: oft, black,		Jerome: ome clay, tra		, low to mod	derate plastici	ty, trace or	ganics in	bottom	2
Upper depth (ft):	3.3	Lower de	<i>epth (ft):</i> 6.6	USCS:	ML		PID:	1.7	Jerome:	0						
Sample Descriptio				black, SILT, so city, some orga												, some
Upper depth (ft):	6.6	Lower de	<i>pth (ft):</i> 9.9	USCS:	ML		PID:	0	Jerome:	0						
Sample Description				1-inch, rest of once organics ar			dark brow	wn, SILT	and CLAY,	trace fine sa	nd, modera	te plasticity, b	lack discol	oration th	irougho	ut, 35
Upper depth (ft):	9.9	Lower de	<i>pth (ft):</i> 13.	2 USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Wet, mediur	m stiff to stiff, o	dark grayish-br	own, SIL7	Γ and CL	AY, trace	fine san	d, moderate	to high plast	icity, trace	shells.				
Upper depth (ft): Sample Description	13.2 <i>n:</i>	Lower de		5 <i>USCS</i> : _AY and SILT,	_	e to high į	<i>PID:</i> olasticity,	-	Jerome: nells.	0						
Upper depth (ft):	16.5	Lower de	<i>epth (ft):</i> 17.	8 USCS:	CL		PID:	0	Jerome:	0						
Sample Description	n:	Moist, stiff, o	dark brown, Cl	_AY and SILT,	moderate	to high p	olasticity,	trace sh	ells.							

Relinquished:			Date/1	Гіте:		Relinqu	ished: _			Date	Time:					
Received:			Date/1	「ime:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60063	10/4/20	06 11:39	1119021.48	927787.83	10.6	362.8	352.2	SOIL	SEDIMENT	✓	1	20	19.8			
Comments:			•	•			•	•				•				
Upper depth (ft): Sample Description		Lower de, Vet, soft, bl		USCS: e to some clay,		oderate p	PID: plasticity,	_	Jerome: ganics, petro	-	or.					
Upper depth (ft): Sample Descriptio		Lower de, Vet, soft, bl		USCS: e clay, trace fir		moderate	PID: e plasticity	-	Jerome: organics,sligh	-	-like odor.					
Upper depth (ft): Sample Descriptio	6.6 <i>n:</i> V	Lower de, Vet, soft to		USCS: black, SILT, so		moderate	PID: e plasticity		Jerome: petroleum-lil	-						
Upper depth (ft): Sample Description	<i>n:</i> V	Lower de Vet, soft to petroleum-li	medium stiff, b	2 USCS: plack, SILT, sor		moderate	PID: e plasticity		Jerome: thick shell ar	-	eam at 25 in	nches, organio	c seam at 3	35 inches	strong	
Upper depth (ft): Sample Description	13.2 <i>n:</i> V	<i>Lower de</i> Vet, mediur		5 USCS: SILT, some clay		ne sand,	PID: moderate		Jerome: plasticity, da		y sorted fir	e sand seam	at 11 to 12	inches a	nd at 24	4 inches
Upper depth (ft): Sample Descriptio	16.5 <i>n:</i> N	Lower de, Moist, medi		8 <i>USCS:</i>	_	d CLAY,	PID:	-	Jerome:	-	ganic seam	at 9 inches.				



Relinquished:			[Date/Ti	me:		Relinqu	ished: _			Date	Time:					
Received:			r	Date/Ti	me:	_	Receive	ed: _			Date/	'Time:					
Location ID	Date	e Time	North	ning	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60064	10/4/20	06 12:15	111843	34.38	927634.1	10.9	362.7	351.8	SOIL	SEDIMENT	✓	1	20	19			
Comments:																	
Upper depth (ft): Sample Description	0 n: \	Lower do		3.3 T, little	USCS: to some clay,		ticity, trac	PID: ee fine sar		Jerome: e organics, pe		odor.					
Upper depth (ft):	3.3	Lower de	epth (ft):	6.6	USCS:	ML		PID:	2.4	Jerome:	0						
Sample Description	n:	Wet, soft, b	lack, SIL	T, little	to some clay,	low to me	oderate p	olasticity,	race fin	e sand, trace	organics, pe	etroleum-lik	ke odor.				
Upper depth (ft):	6.6	Lower de	epth (ft):	9.9	USCS:	ML		PID:	0.3	Jerome:	0						
Sample Description					ack, SILT, sor moderate pla				w to mo	derate plastic	city, petroleui	m-like odor	. Rest of core	is wet, soft	, light bro	wn,SIL	T, some
Upper depth (ft):	9.9	Lower de	epth (ft):	13.2	USCS:	CL		PID:	0.2	Jerome:	0						
Sample Description	n: 1	Moist, med	ium stiff,	brown,	SILT and CLA	AY, trace	fine sand	d, modera	te to hig	h plasticity, t	race shells.						
Upper depth (ft): Sample Description		<i>Lower de</i> Moist, med	1 0 /	16.5 brown,	USCS: SILT and CLA	-	fine sand	<i>PID:</i> d, modera	-	<i>Jerome:</i> th plasticity, t	-						
Upper depth (ft):	16.5	Lower de		19	USCS:	-		PID:	-	Jerome:	-						
Sample Description	n:	vioist, med	ium stiff,	brown,	SILT and CLA	AY, trace	tine sand	a, modera	te to hig	ın plasticity, t	race shells.						

Relinquished:			Date/	Time:		Relinqu	ished: _			Date/	Time:					
Received:			Date/	'Time:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-60065	10/4/20	06 14:10	1118069.05	927153.84	14	362.8	348.8	SOIL	SEDIMENT	✓	1	20	19.8			
Comments: No (Geotechnic	al sample colle	ected from 16.5-19	9.8'; sample volume a	accidentally of	discarded.										
L Upper depth (ft): Sample Description		Lower de	•	3 USCS: ck, SILT, little cl		fine sand	PID: I, trace or	0.7 ganics,	Jerome: slight petrole	-						
Upper depth (ft): Sample Description		Lower de Vet, soft, bl	•	6 <i>USCS</i> : me clay, trace fi		moderate	PID: e plasticit	_	Jerome: orgaics, stroi	-	-like odor.					
Upper depth (ft): Sample Description	6.6 <i>i:</i> V	Lower de	•	9 <i>USCS:</i> black, SILT, so		race fine	PID: sand, mo		Jerome: plasticity, trac	-	strong petr	oleum-like od	or.			
Upper depth (ft): Sample Description		Lower de	•	3.2 <i>USCS:</i> black, SILT, so		race fine	PID:		Jerome: plasticity,little		rong petrol	eum-like odor	·.			
Upper depth (ft): Sample Description		Lower de	•	5.5 <i>USCS:</i> black, SILT, so		race fine	PID:		Jerome: plasticity,little	-	rong petrol	eum-like odor				
Upper depth (ft): Sample Description	ı: V			0.8 <i>USCS</i> : black to dark gra		wn, SILT,	<i>PID:</i> , some cla		Jerome:	-	ticity, poorl	y sorted fine s	sand seam	at 20 inc	hes, tra	ace

Relinquished:			Da	ite/Time:			Relinqu	ished: _			Date/	Time:					
Received:			Da	ite/Time:		_	Receive	d: _			Date/	'Time:					
Location ID	Date	Time	Northir	ng Ea	asting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-60066	10/3/2006	11:03	1121149	.78 92	8366.6	4.5	362.9	358.4	SOIL	SEDIMENT	✓	1	19.9	20			
Comments:					<u> </u>								•				
Upper depth (ft): Sample Description		Lower dep		3.3 ILT, some	USCS:		oncolites,	PID: sulfur od	_	Jerome:	0						
Upper depth (ft): Sample Description		Lower dep		6.6 ILT, some	USCS:		oncolites	<i>PID:</i> in top hal		<i>Jerome:</i> shells, sulfur	0 odor (MARL)).					
Upper depth (ft): Sample Description		•	pth (ft):		<i>USCS:</i> ray, SILT,		e sand, s	<i>PID:</i> some clay	-	Jerome: oncolites, lov	-	ace shells,	sulfur odor (M	IARL).			
Upper depth (ft): Sample Description		Lower dep	. • .	13.2 some fine	USCS: sand, sor		ow plasti	PID:	_	Jerome: sulfur odor (-						
Upper depth (ft): Sample Description		•			USCS: , trace fin		ow plastic	PID:		<i>Jerome:</i> sulfur odor (N	-						
Upper depth (ft): Sample Description					USCS: , trace fin		ow plastic	PID:	_	<i>Jerome:</i> sulfur odor (N							

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:		Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-60067	10/3/2006	11:50	1120674.09	928358.54	5.7	362.9	357.2	SOIL	SEDIMENT	✓	1	20	19.9			
Comments:																
Upper depth (ft): Sample Description		Lower dep		<i>USCS:</i> ne fine sand, so		low plasti	PID:	-	Jerome: sulfur odor (
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		<i>USCS:</i> ne fine sand, so		low plasti	<i>PID:</i> icity, trace		Jerome: sulfur odor (
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		<i>USCS</i> : ne fine sand, so		low plasti	<i>PID:</i> icity, trace		Jerome: sulfur odor (
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		.2 USCS: ne fine sand, so		low to mo	<i>PID:</i> oderate p	-	Jerome: trace shells,		MARL).					
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		.5 USCS: ne fine sand, so		low to mo	<i>PID:</i> oderate p		Jerome: trace shells,		odor and d	ecomposing p	olant odor (MARL).		
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		.95 <i>USCS:</i> CLAY, trace fin		noderate	<i>PID:</i> to high pl	-	Jerome: trace shells,		g plant odo	ır.				

Relinquished:				Date	/Time: _			Relinqu	ished: _			Date	Time:					
Received:				Date	/Time: _			Receive	ed: _			Date/	/Time:					
Location ID	Dat	е Т	ime	Northing	Eas	sting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-60068	10/2/2	006 1	4:30	1119471.31	9283	330.16	4.1	362.7	358.6	SOIL	SEDIMENT	~	1	20	18.7			
Comments:																		
Upper depth (ft): Sample Description	n:	0 to 17	inche	es is wet, sof	t, black S	,	me clay,		,	w plasti	, ,		fine sand s	eam from 8.5	to 12 inche	es, petrole	eum-like	e odor.
Upper depth (ft): Sample Description	n:	0 to 8 i	nches	oth (ft): 6. s is wet, soft trace organi	dark gra	<i>USCS:</i> y, SANE		.T, little cl	<i>PID:</i> lay. Rest	-	Jerome: s black, soft,		ILT, some	clay, little fine	sand, low	to moder	ate plas	sticity,
Upper depth (ft): Sample Description		0 to 8 i	nches	oth (ft): 6. s is wet, soft trace organic	dark gra	<i>USCS:</i> y, SANE		.T, little cl	<i>PID:</i> lay. Rest	-	Jerome: s black, soft,	-	ILT, some	clay, little fine	sand, low	to moder	ate plas	sticity,
Upper depth (ft): Sample Description			•	oth (ft): 9. own, SILT ar		USCS:		moderat	PID: e to high		Jerome: y, trace shell	0 s, trace orga	nics.					
Upper depth (ft): Sample Description				• /		<i>USCS:</i> , SILT a		, trace sh	<i>PID:</i> nells, mod	-	Jerome:							
Upper depth (ft): Sample Description			•	• /		<i>USCS:</i> , SILT a		, trace sh	PID:	-	Jerome:							

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-60068	10/2/2006	14:30	1119471.31	928330.16	4.1	362.7	358.6	SOIL	SEDIMENT	✓	1	20	18.7			
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 18.7 USCS: CL PID: 0 Jerome: 0

Sample Description: Moist, soft to medium stiff, dark brown, SILT and CLAY, trace shells, moderate to high plasticity, slight decomposing plant odor.

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-60069	10/3/2006	10:23	1118853.37	928237.73	3.6	362.9	359.3	SOIL	SEDIMENT	✓	1	20	19.6			
Comments:																
Upper depth (ft): Sample Description		Lower dep		USCS: SAND, trace cla		shells, pe	<i>PID:</i> etroleum-l	-	Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		USCS: SILT, some san		g to clay,	PID: moderate		Jerome: ity, trace she		anics.					
Upper depth (ft): Sample Description		Lower dep		USCS: grayish-brown,		some cla	<i>PID:</i> ay , trace	-	Jerome: d, moderate		ice shells, s	some organics	S.			
Upper depth (ft): Sample Description		Lower dep		2 USCS: prown, SILT and		lay , trace	<i>PID:</i> e fine san	-	Jerome:	-	s, some orç	ganics.				
Upper depth (ft): Sample Description		<i>Lower dep</i> st, soft to		5 USCS: brown, SILT a	_	, trace fin	<i>PID:</i> ne sand, r	_	Jerome: e to high plas	-	shells.					
Upper depth (ft): Sample Description		<i>Lower dep</i> st, stiff, b		6 USCS: ad CLAY, trace		d, modera	<i>PID:</i> ate to high		Jerome:							

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:	_	Receive	-d: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-60070	10/3/2006	16:00	1117647.53	927621.13	4.5	362.9	358.4	SOIL	SEDIMENT	✓	1	20	20			
Comments:			•	•									•			
Upper depth (ft): Sample Description	<i>n:</i> 0 t		es is wet, loos	B USCS: se, black, SAND dor. Rest of core), trace sl			e odor.			wet, soft, d	ark gray SILT	and FINE	SAND, lit	tle clay	, trace
Upper depth (ft): Sample Descriptio		Lower de, et, soft, lig		S USCS: T and FINE SA		e clay, tra	PID: ce shells.		Jerome:	0						
Upper depth (ft): Sample Descriptio		<i>Lower de</i> et, soft, lig		<i>USCS:</i> T and FINE SA		e clay, tra	<i>PID:</i> ce shells,	-	Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower de</i> , et, soft, lig		.2 USCS:		e clay, trad	<i>PID:</i> ce shells.	0	Jerome:	0						
Upper depth (ft): Sample Descriptio		Lower de, et, soft, gr	1 0 /	.5 USCS: SILT, some cla		ne sand, l	PID:		Jerome: lasticity, trac							
Upper depth (ft): Sample Description	16.5 <i>n:</i> We	Lower de		USCS: SILT, some cla		ne sand, le	PID:	-	<i>Jerome:</i> lasticity, trac	-	e organics	in last 4 inche	9S.			

Relinquished:			Date.	/Time:		Relinqu	ished: _			Date/	Time:					
Received:			Date	/Time:		Receive	ed: _			Date/	'Time:					
Location ID	Date	e Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-70025	9/25/20	006 15:00	1116331.36	926720.1	2.2	362.86	360.66	SOIL	SEDIMENT	✓	1	20	18			
Comments: Boa	at may hav	e swayed causi	ng lost recovery.							•			•			
Upper depth (ft): Sample Description		Lower de		3 USCS:		nics in top		1.7 nes, petr	Jerome: oleum-like o							
Upper depth (ft):	3.3	Lower de	pth (ft): 6.	6 USCS:	SM		PID:	4.4	Jerome:	0						
Sample Descriptio				t, black, SILT, tr Fine black sand												
Upper depth (ft):	3.3	Lower de	<i>pth (ft):</i> 6.	6 USCS:	SM		PID:	4.4	Jerome:	0						
Sample Description				t, black, SILT, tr Fine black sand												
Upper depth (ft):	6.6	Lower de	<i>pth (ft):</i> 9.	9 USCS:	SM		PID:	1.4	Jerome:	0						
Sample Description	n:	Wet, soft, gr	ray, SILT, sor	me fine sand, tra	ace clay, I	ittle shell	s, sulfur c	odor, (M	ARL).							
Upper depth (ft): Sample Description		<i>Lower de</i> Wet, soft, gr		3.2 <i>USCS:</i> e clay, little to tr		sand, low		4.1 , trace sl	<i>Jerome:</i> hells, sulfur o							
Upper depth (ft):	13.2	Lower de	pth (ft): 16	6.5 <i>USCS</i> :	ML		PID:	1.5	Jerome:	0						
Sample Description	n:	Wet, soft, gr	ray, SILT, sor	me to little clay,	little to tra	ace fine s	and, low p	plasticity	, trace shells	s, sulfur odor,	, (MARL).					

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-70025	9/25/2006	15:00	1116331.36	926720.1	2.2	362.86	360.66	SOIL	SEDIMENT	~	1	20	18			
Comments: Box	at may have sw	ayed causir	ng lost recovery.	-												
Upper depth (ft):	16.5	Lower de _l	<i>pth (ft):</i> 18	USCS:	CL		PID:	0.5	Jerome:	0						

Sample Description: Moist, soft, gray, CLAY, some silt, trace fine sand, trace shells, moderate plasticity, sulfur odor, (MARL).

Relinquished:			Date/1	Гіте:		Relinqu	ished: _			Date/	Time:					
Received:			Date/1	Гіте:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-70026	9/25/2006	14:15	1116387.43	926928.11	2.4	362.84	360.44	SOIL	SEDIMENT	~	1	20	20			
Comments:				•	•								•			
Upper depth (ft): Sample Description	<i>n:</i> 0 to		s wet, loose, b	USCS: lack, FINE SAN loose,black to	ND, trace			ts. 2 to		wet, very sof					oleum-l	ike
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, gr		USCS: FINE SAND, tra		little shell	<i>PID:</i> s, trace c		Jerome: sulfur odor,							
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, gr		USCS:		s, trace o	<i>PID:</i> organics, s		Jerome: or, (MARL).	0						
Upper depth (ft): Sample Description		<i>Lower de_l</i> t, soft, gr		2 USCS: e fine sand, tra	_	race shel	<i>PID:</i> lls, sulfur		Jerome: IARL).	0						
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, gr		5 USCS: e clay, little fine		ace shells	<i>PID:</i> s, trace or		<i>Jerome:</i> sulfur odor, (-						
Upper depth (ft): Sample Description		<i>Lower de</i> t, soft, gr		8 <i>USCS:</i> to trace clay, li		and, trac	<i>PID:</i> e shells, s	_	Jerome: lor, (MARL).	0						

Relinquished:			Date	/Time:		Relinqu	iished: _			Date	Time:					
Received:			Date	/Time:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70027	9/25/2006	3 13:20	1116245.7	926946.39	1.7	362.88	361.18	SOIL	SEDIMENT	~	1	20	19.9		0	
Comments:																
Upper depth (ft): Sample Description			ense, black,	.3 USCS: FINE SAND, per odor. Rest of c	troleum-lik		5 to 11 in			k, gray, SILT			soft, black	, SILT, sc	ome fine	e sand,
Upper depth (ft): Sample Description		<i>Lower de</i> et, soft, gr		.6 USCS:		nics, som		2.5 sulfur oc	Jerome: dor, (MARL).	0						
Upper depth (ft): Sample Description	6.6 <i>n:</i> W	Lower de, et, soft, gr	. • /	.9 USCS:		nics, som		2.6 sulfur oc	Jerome: dor, (MARL).	0						
Upper depth (ft): Sample Description	9.9 n: W	Lower de, et, soft, gr	. • /	3.2 USCS:		nics, som		2.4 sulfur oc	Jerome: lor, (MARL).	0						
Upper depth (ft): Sample Description		<i>Lower de</i> et, soft, gr		6.5 <i>USCS:</i> le clay, little fine		ne to trac	PID: ee shells,		Jerome: dor, (MARL).	0						
Upper depth (ft): Sample Description	16.5 n: W	<i>Lower de</i> et, soft, gr		9.8 <i>USCS:</i> le clay, little fine		ne to trac		1.3 sulfur oc	<i>Jerome:</i> lor, (MARL).	0						

Relinquished:			Da	ate/Tin	ne:		Relinqu	ished: _			Date	/Time:					
Received:			Da	ate/Tin	me:	_	Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northir	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70028	9/25/20	06 16:30	1116367	'.79	927228.87	1.7	362.97	361.27	SOIL	SEDIMENT	~	1	20	19.6		0	
Comments: Air p	ocket 6" f	rom base.											•				
Upper depth (ft): Sample Description	ı: (es is wet,		USCS: m dense, blac some shells,	ck, FINE				Jerome: ganics, black		gments, pet	roleum-like o	dor. 30 incl	hes to res	st core i	s dark
Upper depth (ft):	3.3	Lower de	pth (ft):	6.6	USCS:	SM		PID:	2.3	Jerome:	0						
Sample Description	ı: \	Net, soft, gr	ray, SILT a	and FIN	NE SAND, litt	le shells,	trace or	ganics, su	ılfur odo	r, (MARL).							
Upper depth (ft): Sample Description	6.6 <i>1:</i> \	<i>Lower de</i> Net, soft, gr		9.9 and FIN	<i>USCS:</i> NE SAND, tra		trace she	<i>PID:</i> ells, sulfur		<i>Jerome:</i> MARL).	0						
Upper depth (ft): Sample Description		<i>Lower de</i> Net, soft, gr		13.2 and FIN	USCS: NE SAND, tra		trace she	<i>PID:</i> ells, sulfur	_	<i>Jerome:</i> MARL).	0						
Upper depth (ft): Sample Description		<i>Lower de</i> Wet, soft, gr		16.5 little fir	USCS: ne sand, little		ce shells,	PID:		<i>Jerome:</i> RL).	0						
Upper depth (ft): Sample Description	16.5	<i>Lower de</i> Net, soft, gr	• •	19.6 and FIN	<i>USCS:</i> NE SAND, tra	_	trace she	<i>PID:</i> ells, sulfur		<i>Jerome:</i> MARL).	0						

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-70029	9/25/2006	17:25	1116559.92	927423.17	2	363	361	SOIL	SEDIMENT	✓	1	20	20		0	
Comments:		1														
Upper depth (ft): Sample Description	<i>n</i> : 0 t		es is wet, dens	se, black, FINE is gray, SAND a	SAND, to			eum-like			wet, dense	, black to dark	c gray, SAN	ID, thin c	ay sea	ms
Upper depth (ft):	3.3	Lower de	<i>pth (ft):</i> 6.6	USCS:	SM		PID:	1.8	Jerome:	0						
Sample Description	n: We	et, soft, gr	ay, SILT and I	FINE SAND, tra	ace shells	s, sulfur o	odor, (MA	RL).								
Upper depth (ft): Sample Description		<i>Lower de</i> pet, soft, gr		USCS: FINE SAND, tra	_	I fragmen	PID:		<i>Jerome:</i> Ifur odor, (M.	-						
Upper depth (ft): Sample Descriptio		<i>Lower de</i> pet, soft, gr		USCS:		I fragmen		5.8 hells, su	Jerome:	-						
Upper depth (ft):	9.9	Lower de	pth (ft): 13.	2 USCS:	SM	Ü	PID:	4.1	Jerome:	0						
Sample Description	n: We	et, soft gra	ay, SILT and F	FINE SAND, tra	ce clay, li	ittle shells	s, sulfur c	odor, (M	ARL).							
Upper depth (ft):	13.2	Lower de	<i>pth (ft):</i> 16.	.5 USCS:	SM		PID:	2.7	Jerome:	0						
Sample Description	n: We	et, soft, gr	ay to dark gra	y, SILT and FI	NE SAND), little she	ells, trace	clay in	bottom half o	of core, sulfur	odor, (MA	RL).				

Vibracore Field Log

Relinquished: _			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received: _			Date/T	ime:	_	Receive	d: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-70029	9/25/2006	17:25	1116559.92	927423.17	2	363	361	SOIL	SEDIMENT	✓	1	20	20		0	
Comments:							<u>.</u>							<u>.</u>		

Upper depth (ft): 16.5 Lower depth (ft): 19.8 USCS: SM PID: 0.8 Jerome: 0

Sample Description:

0 to 27 inches is wet, soft, gray, SILT and FINE SAND, trace shells, sulfur odor. Rest of core is wet, soft, GRAY LAYER, some silt, trace fine sand, trace shells, sulfur odor, MARL (CL).

Relinquished:			Date/	Гіте:		Relinqu	ished: _			Date	Time:					
Received:			Date/1	Гіте:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeror
OL-VC-70030	9/25/2006	18:15	1116809.31	927657.89	2.5	362.9	360.4	SOIL	SEDIMENT	~	1	20	19.9			
Comments:	•		•	•	•							•				
Upper depth (ft):	0	Lower de	pth (ft): 3.3	USCS:	SM		PID:	5	Jerome:	0						
Sample Descriptio Upper depth (ft): Sample Descriptio	gra	ay, SILT, s <i>Lower de</i>	some fine sand	ack to dark grad, little shells, s USCS: FINE SAND, tra	sulfur odo SM	r, (MARL). <i>PID:</i>	3.9	Jerome:	· ·	ts, slight pe	etroleum-like (odor. Rest	of core is	s wet, s	oft,
Upper depth (ft): Sample Description		<i>Lower de</i> et, soft, gr		USCS: FINE SAND, litt	_	sulfur oc		4.7 RL).	Jerome:	0						
Upper depth (ft): Sample Descriptio		<i>Lower de</i> et, soft, gr		2 USCS: e fine sand, litt		e shells, s		4.2 or, (MAR	Jerome: L).	0						
Upper depth (ft): Sample Description		<i>Lower de</i> et, soft, gr		5 USCS: FINE SAND, so		le shells,	PID: sulfur od		Jerome: RL).	0						
Upper depth (ft): Sample Description		Lower de, et, soft, gr		8 <i>USCS:</i> y, SILT, some f	_	, trace cla		0.7 shells, s	Jerome: ulfur odor in t		RL).					

Vibracore Field Log

F	Relinquished:		Relinqu	ished: _			Date/	Time:									
F	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-80023	10/7/2006	10:57	1129677.26	914733.19	60.6	362.8	302.2	SOIL	SEDIMENT	✓	1	3.4	3.4		0	
Ì	Comments:	<u> </u>		_	_	<u> </u>				_		_		<u> </u>			·

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0 Jerome: 0

Sample Description: Wet, very soft black SILT, petroleum-like odor.

Vibracore Field Log

Relinquished:	inquished: Date/Time:									Date/	Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-80024	10/7/2006	15:50	1123471.14	920313.37	53.8	362.7	308.9	SOIL	SEDIMENT	✓	1	3	2.9		0	
Comments:			•									•				·

Jerome: 0

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML *PID*: 0 Sample Description:

Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

Vibracore Field Log

Relinquished:	linquished: Date/Time:									Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-80025	10/7/2006	11:55	1123488.06	9206408	60.5	362.7	302.2	SOIL	SEDIMENT	✓	1	3.7	3.7		0	
Comments:																

Jerome: 0

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML *PID*: 0 Sample Description:

Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Vibracore Field Log

I	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
•	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-80026	10/7/2006	13:45	1120038.25	925596.99	53.5	362.7	309.2	SOIL	SEDIMENT	✓	1	3.2	3.2		0	
,	Comments:																

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0 Jerome: 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

Vibracore Field Log

Relinquished: _	linquished: Date/Time:									Date/	Time:					
Received: _			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	,,	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-80027	10/7/2006	14:45	1118576.68	925861.33	35.2	362.7	327.5	SOIL	SEDIMENT	✓	1	3	3		0	
Comments:	_		<u> </u>	<u> </u>					_		_	_	<u> </u>			·

Upper depth (ft): 0 Lower depth (ft): 0.5 USCS: ML PID: 0.5 Jerome: 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

Relinquished:			Da	ate/Tim	ne:		Relinqu	ished: _			Date	Time:					
Received:			Da	ate/Tim	ne:	_	Receive	ed: _			Date	Time:					
Location ID	Date	Time	Northi	ng	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80028	10/9/2006	07:30	111861	9.2	923386.49	34	362.7	328.7	SOIL	SEDIMENT	~	1	20	17.2			
Comments:																	
Upper depth (ft): Sample Description		Lower dep		0.5 , little cl	USCS: lay, strong pe		odor.	PID:	0.3	Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, bla		3.3 little to	USCS: some clay, l		city, stroi	PID:		<i>Jerome:</i> r.	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, bla		6.6 By to bla	USCS: ack, SILT, littl		ie clay, tr	PID:		Jerome: v plasticity in	-	of core, ver	y strong petro	oleum-like o	dor.		
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft, bla		6.6 ay to bla	USCS:		e clay, tr	PID:		Jerome: v plasticity in	-	of core, ver	y strong petro	oleum-like o	dor.		
Upper depth (ft):	6.6	Lower de	pth (ft):	9.9	USCS:	ML		PID:	0.8	Jerome:	0						
Sample Description	n: 0 to	11 inche t, greenis	es is wet, h-blue, S	ILT and		ns, trace	fine sand						like odor. 11 wet, soft,gree				
Upper depth (ft):		Lower dep		13.2	USCS:			PID:	0.5	Jerome:	0						
Sample Description										•			light petroleur		` '	nches t	o end o



Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80028	10/9/2006	07:30	1118619.2	923386.49	34	362.7	328.7	SOIL	SEDIMENT	✓	1	20	17.2			
Comments:					•	•	•				•			•		
Upper depth (ft):	13.2	Lower de _l	pth (ft): 16.5	USCS:	CL		PID:	0.4	Jerome:	0						
Sample Description	n: Wet	t, mediun	n stiff, dark gra	yish-brown, C	LAY and	SILT, bla	ick discol	oration t	hroughout.							
Unner denth (ft):	16.5	I ower de	nth (ft) 17 ') IISCS.	CI		PID:	0.5	Ierome:	0						

Sample Description:

Wet, medium stiff, dark grayish-brown, CLAY and SILT, black discoloration throughout.

Relinquished:				Date/	Гіте:		Relinqu	ished: _			Date	/Time:					
Received:				Date/	Гіте:		Receive	ed: _			Date	/Time:					
Location ID	Date	e Tir	ne	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80029	10/9/20	006 08:	50	1118587.03	924083.93	32.6	362.7	330.1	SOIL	SEDIMENT	~	1	20	20			
Comments:																	
Upper depth (ft): Sample Descriptio			•	th (ft): 0.5 ck, SILT, trac	USCS: ce fine sand, pe		like odor.		1.1	Jerome:	0						
Upper depth (ft): Sample Description			•	th (ft): 3.3 t, grayish-gre	USCS: een to grayish-v	SOLW white, silt-	·like grain		5.4 ine sand	Jerome: I, mothball od	-						
Upper depth (ft): Sample Description	3.3 n:			th (ft): 6.6	USCS: ilt-like grains, t	SOLW race fine	sand, 0.5		5.2 k Solvay	Jerome: chunks in u	-	s, mothball	odor.				
Upper depth (ft): Sample Description		Wet, sof	t, gra		USCS: ight green to g		een, silt-li	<i>PID:</i> ke grains		Jerome: ne sand, bla	-	ion from 3 t	to 4 inches an	d from 28 t	o 29 inch	ies, coa	al-like
Upper depth (ft):	9.9	Lowe	r depi	th (ft): 13.	2 USCS:	SOLW		PID:	10.6	Jerome:	0						
Sample Description					grayish-green et, soft, dark g							les from 11	to 26 inches,	mothball a	and petrol	eum-lik	e odor
Upper depth (ft):	13.2	Lowe	r depi	th (ft): 16.	5 USCS:	SOLW		PID:	6.4	Jerome:	0						
Sample Description	n:	Wet, sof	t, gra	yish-green to	light grayish g	reen, silt-	-like grair	ns, trace f	ine sand	d, black disco	oloration from	1 21 to 25 ir	nches, small S	Solvay chur	nks within	discolo	oration.

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered		Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-80029	10/9/2006	08:50	1118587.03	924083.93	32.6	362.7	330.1	SOIL	SEDIMENT	✓	1	20	20			
Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 20 USCS: SOLW PID: 14.2 Jerome: 0

Sample Description: Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches, pin size NAPL globules from 20.5 to 24 inches, mothball odor.

Relinquished:			Dat	e/Time:		Relinqu	ished: _			Date	Time:					
Received:			Dat	e/Time:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	g Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80030	10/9/2006	10:00	1118544.	7 924725.98	31.5	362.7	331.2	SOIL	SEDIMENT	~	1	20	20			
Comments:																
L Upper depth (ft): Sample Description		Lower dep	• /	0.5 USCS. race fine sand, p		like odor.		2.9	Jerome:	0						
Upper depth (ft):	0.5	Lower dep	oth (ft):	3.3 USCS.	: SOLW		PID:	5.2	Jerome:	0						
Sample Description				t black, SILT and rains, trace fine s				and, 0 to	0.5 inch thic	k Solvay chu	inks from 4	to 8 inches. F	Rest of core	is wet, s	oft, gre	en to
Upper depth (ft): Sample Description		Lower dep	• /	5.6 <i>USCS</i> .n, silt-like grains,	: SOLW trace fine	sand, mo	PID: othball od		Jerome:	0						
Upper depth (ft): Sample Description		Lower dep	• /	5.6 USCS: n, silt-like grains,	: SOLW trace fine	sand, mo	PID:		Jerome:	0						
Upper depth (ft):	6.6	Lower dep	oth (ft):	9.9 USCS	: SOLW		PID:	4.6	Jerome:	0						
Sample Description	ı: We	t, soft, gra	ayish greer	n, silt-like grains,	trace fine	sand, mo	othball od	or.								
Upper depth (ft):	9.9	Lower dep	oth (ft):	13.2 <i>USCS</i> :	: SOLW		PID:	2.1	Jerome:	0						
Sample Description				t, black, silt-like o			and, smal	l Solvay	chunks throu	ughout, moth	ball odor. F	Rest of core is	wet, soft g	rayish-wh	nite to g	rayish

Relinquished: _			Date/1	ime:		Relinqu	ished: _			Date	/Time:					
Received: _			Date/1	ime:	_	Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Depth	Refusal	PID	Jerome
OL-VC-80030	10/9/2006	10:00	1118544.7	924725.98	31.5	362.7	331.2	SOIL	SEDIMENT	✓	1	20	20			
Comments:	•						•			•	•	•				
Upper depth (ft): Sample Description		Lower de t, soft, gr	pth (ft): 16.5 rayish white to		SOLW silt-like g	grains, tra		2.9 and, darl	Jerome: k gray discol		inches and	d 42 inches, m	nothball odo	or.		
Upper depth (ft): Sample Description			pth (ft): 20 rayish-green to		SOLW , silt-like ç	grains, tra	<i>PID:</i> ace fine s		Jerome:	0						

Relinquished:				ate/Tin	ne:		Relinqu	ished: _			Date/	Time:					
Received:			c	ate/Tin	ne:	_	Receive	d: _			Date/	Time:					
Location ID	Date	e Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-80031	10/9/20	006 11:05	111845	8.26	925320.47	34	362.7	328.7	SOIL	SEDIMENT	~	1	20	20		0.1	
Comments:												I					
Upper depth (ft): Sample Description			lepth (ft): dark gray,	0.5 SILT ar	USCS: nd silt-like gra		e fine san	PID: d, mothba	_	Jerome:	0						
Upper depth (ft): Sample Description			1 0 /	3.3 to gray	USCS:		ns, trace	<i>PID:</i> fine sand		Jerome: all odor.	0						
Upper depth (ft): Sample Description			<i>lepth (ft):</i> grayish-gre	6.6 een, silt	USCS: -like grains, tr		sand, bla	PID:	_	Jerome: from 30 to 34	-	hball odor.					
Upper depth (ft): Sample Description			<i>lepth (ft):</i> grayish-wh	9.9 iite, silt-	USCS:		sand, pin	<i>PID:</i> size NAF		Jerome: les from 5 to	-	othball odoi	:				
Upper depth (ft): Sample Description	n:		<i>lepth (ft):</i> grayish-wh				black san	PID: d, black o		Jerome: ation from 34		and dark g	ıray from 37 iı	nches to er	nd of core	, mothb	oalll
Upper depth (ft): Sample Description	n:				, ,		n-white, s	<i>PID:</i> ilt-like gra		Jerome: ce fine sand,		scoloration	from 11 to 13	inches, iso	lated pin	size N	APL

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80031	10/9/2006	11:05	1118458.26	925320.47	34	362.7	328.7	SOIL	SEDIMENT	~	1	20	20		0.1	
Comments:							•						•			<u> </u>
Upper depth (ft):	13.2	Lower dep	oth (ft): 16.5	USCS:	SOLW		PID:	2.2	Jerome:	0						
Sample Description			t, soft to hard, 8 inches, mot		to grayish	n-white, s	silt-like gra	ains, trac	e fine sand,	dark gray dis	scoloration	from 11 to 13	inches, iso	lated pin	size N	APL
Upper depth (ft):		•	oth (ft): 20		SOLW		PID:		Jerome:	-						
Sample Description	n• \//et	soft ar	avish-white to	aravish-areen	silt-like o	araine tra	ace fine sa	and darl	k arav discoli	oration from	26 to 30 ind	rhes mothhal	Lodor			

Relinquished:					ate/Ti	me:		Relinqu	ished: _			Date	Time:					
Received:				[Oate/Tii	me:		Receive	ed: _			Date	Time:					
Location ID	Dat	te .	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80032	10/9/2	2006	12:20	111842	3.13	926062.69	31	326.6	295.6	SOIL	SEDIMENT	~	1	20	18.4		0	
Comments:																		
Upper depth (ft): Sample Description			wer dep	• /	0.5 SILT,	USCS: trace fine san		petroleun	<i>PID:</i> n-like odo		Jerome:	0						
Upper depth (ft): Sample Description	0.5 n:		•	oth (ft): ack, SIL	3.3 Г, trace	USCS: e fine sand, sli		eum-like (<i>PID:</i> odor.	1.1	Jerome:	0						
Upper depth (ft): Sample Description	3.3 n:		wer dep soft, bla	• /	6.6 Γ, little (USCS:		ttle orgar	PID:		Jerome:	-	or.					
Upper depth (ft):	6.6		•	oth (ft):	9.9		SOLW	_	PID:		Jerome:							
Sample Description	n:	trace t	fine sar		ted pin	size NAPL gl								is wet, soft, o , soft, grayish				
Upper depth (ft):	9.9	Lo	wer dep	oth (ft):	13.2	USCS:	ML		PID:	1.1	Jerome:	0						
Sample Description	n:					rk grayish-gre ike odor (ML)		ke grains	, little fine	sand, n	nothball odor	(SOLW). 5 i	nches to re	st of core is w	et, soft, gra	y, SILT,	little cla	ıy, trace
Upper depth (ft):	13.2	Lo	wer dep	oth (ft):	16.5	USCS:	ML		PID:	3.5	Jerome:	0						
Sample Description	n:	Wet, s	oft, bla	ck, SIL	Γ, some	e clay, trace fi	ne sand,	low to m	oderate p	lasticity	trace organi	ics, slight pet	roleum-like	odor.				

Vibracore Field Log

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
!	Received:			Date/T	ime:	_	Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
	OL-VC-80032	10/9/2006	12:20	1118423.13	926062.69	31	326.6	295.6	SOIL	SEDIMENT	✓	1	20	18.4		0	
	Comments:																
i	Upper depth (ft):	16.5	Lower de _l	oth (ft): 18.4	4 USCS:	ML		PID:	1	Jerome:	0						

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.

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Relinquished:				Dat	te/Tim	e:		Relinqu	ished: _			Date	Time:					
Received:				Dat	te/Tim	e:	_	Receive	d: _			Date/	'Time:					
Location ID	Dat	te 1	Гime	Northin	g	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeron
OL-VC-80033	10/9/2	2006 1	15:00	1118853.2	27 !	923782.94	45.4	362.7	317.3	SOIL	SEDIMENT	✓	3	20	19.7		0	
Comments: 2 of	ther attem	npts disca	arded on	-site. Increase	d D.F.T.	due to refusal a	at 4' - wood o	chips.				•			•			
Upper depth (ft): Sample Descriptio			•	• /	0.5 little cla	USCS: ay, trace fine		ight petro	<i>PID:</i> leum-like		Jerome:	0						
Upper depth (ft): Sample Description			•	• /	3.3 little cla	USCS: ay, trace fine		ight petro	<i>PID:</i> lleum-like		Jerome:	0						
Upper depth (ft): Sample Descriptio				• /	6.6 I silt-lik	USCS: e grains, tra		race fine	PID: sand, bla		Jerome:	0 n 20 to 28 inc	ches, mothb	oall odor.				
Upper depth (ft): Sample Description			•	• /	9.9 grayish	USCS: n-green, silt-		ıs, trace f		12.6 NAPL s	Jerome: stringer in top		eral isolated	l NAPL globul	es through	out entire	core, i	mothba
Upper depth (ft): Sample Description	n:	Wet, s	oft, da	V - / -	13.2 -green	USCS: to light gray		n, silt-like		1.7 ace fine	Jerome: sand, NAPL	-	op 1 inch, s	everal mid siz	e NAPL glo	obules fro	om 0 to	23
Upper depth (ft):	13.2	Lo	wer dej	oth (ft):	16.5	USCS:	SOLW		PID:	2	Jerome:	0						
Sample Description	n:	Wet, s	oft, gr	ayish-gree	n to gre	een, silt-like	grains, ti	race fine	sand, bla	ck disco	oloration from	1 4 to 5 inche	s and 11 to	27 inches, m	othball odd	or.		

Vibracore Field Log

ı	Relinquished:			Date/T	ime:	_	Relinqui	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:	_	Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-80033	10/9/2006	15:00	1118853.27	923782.94	45.4	362.7	317.3	SOIL	SEDIMENT	✓	3	20	19.7		0	
	Comments: 2 of	her attempts di	scarded on	-site. Increased D.F	T. due to refusal	at 4' - wood o	chips.										

Upper depth (ft): 16.5
Sample Description:

Lower depth (ft): 19.7 USCS: SOLW PID: 2.5 Jerome: 0

0 to 20 inches wet, soft, greenish-blue to gray, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, soft, black SILT and silt-like grains, trace fine sand, small Solvay chunks within, little clay in bottom 4 inches, faint petroleum-like odor.

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	Time:					
Received:			Date/	Time:		Receive	ed: _			Date/	'Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80034	10/9/2006	15:50	1118808.82	924390.58	45.3	362.6	317.3	SOIL	SEDIMENT	✓	1	20	19.6		0	
Comments:				•									•			
Upper depth (ft): Sample Description		Lower dep	* '	5 USCS: ce fine sand, sl		leum-like	PID:	8.0	Jerome:	0						
Upper depth (ft): Sample Description			oth (ft): 3.3 ack, SILT, tra	3 USCS: ce fine sand, sli		leum-like	PID:	0.9	Jerome:	0						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft to v		S USCS: ck to grayish-wh	SOLW nite, silt-lik	ke grains,	<i>PID:</i> , trace fine		Jerome: mothball odo	-						
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft to v	• /	S USCS: ck to grayish-wh	SOLW nite, silt-lik	ke grains,	<i>PID:</i> , trace fine		Jerome: mothball odo	-						
Upper depth (ft): Sample Description		•	oth (ft): 9.9 ayish-white to	USCS: o green to gray,	SOLW silt-like g	rains, tra	<i>PID:</i> ce fine sa	-	<i>Jerome:</i> k discoloration	-	9 inches, r	nothball odor.				
Upper depth (ft): Sample Description		<i>Lower dep</i> t, soft dar	• /	.2 <i>USCS:</i> d silt-like grains		ne sand, r	<i>PID:</i> mothball o		Jerome:	0						

Relinquished: _			Date/T	ime:		Relinqu	ished: _			Date	/Time:					
Received: _			Date/T	ime:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80034	10/9/2006	15:50	1118808.82	924390.58	45.3	362.6	317.3	SOIL	SEDIMENT	✓	1	20	19.6		0	
Comments:										•	•					
Upper depth (ft):	13.2	Lower de	pth (ft): 16.	5 USCS:	SOLW		PID:	19	Jerome:	0						
Sample Description			es is wet, soft, 9 inches, moth	0	0 ,		0	,	-	,	,	•	0	-	,	
Upper depth (ft):	16.5	Lower de	<i>pth (ft):</i> 19.6	6 USCS:	ML		PID:	10.9	Jerome:	0						
Sample Description	n: Wet	t, soft, bl	ack, silt and sil	t-like grains, tı	race fine s	sand, trad	ce organi	cs, petro	leum-like od	or.						

Relinquished:			Da	te/Time	e:		Relinqu	ished: _			Date	Time:					
Received:			Da	te/Time	e:	_	Receive	·d: _			Date/	Time:					
Location ID D	ate	Time	Northin	ıg	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jero
OL-VC-80035 10/9	9/2006	16:36	1118788.	21	925064	42.6	362.6	320	SOIL	SEDIMENT	✓	1	20	19		0	
Comments:																	
Upper depth (ft): 0 Sample Description:		Lower dep , soft, bla	• /	0.5 trace fi	USCS: ne sand, pe		like odor.	PID:	0.5	Jerome:	0						
Upper depth (ft): 0.5 Sample Description:		Lower dep , soft, bla	• /	3.3 trace fi	USCS: ne sand, pe		ike odor.	PID:	8.0	Jerome:	0						
Upper depth (ft): 3.3 Sample Description:	0 to		es is wet, s			ıray, silt a			trace fin		e organics, s		eum-like and r			of core	e is
Upper depth (ft): 6.6	0 ,	Lower dep	0 ,	9.9	USCS:	•	e iine sa	PID:	•	Jerome:		nches and	36 inches, mo	ombali odol			
Sample Description:	Wet	, soft, lig	ht grayish	-green t	to gray, silt-	like grain	s, trace f	ine sand,	dark gra	ay discolorati	on from 15 to	22 inches	, small Solvay	y chunks w	ithin, mot	hball o	dor.
Upper depth (ft): 9.9 Sample Description:		Lower dep , soft, gra	V - / -	13.2 gray, S	USCS:		little clay	<i>PID:</i> v in last 12	_	Jerome: of core, sligh	-	like odor.					
Upper depth (ft): 13. Sample Description:		<i>Lower dep</i> . soft. bla	• /	16.5	USCS:		e sand. Io	PID:	_	Jerome:	-	etroleum-lik	e odor.				

Vibracore Field Log

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-80035	10/9/2006	16:36	1118788.21	925064	42.6	362.6	320	SOIL	SEDIMENT	~	1	20	19		0	
Comments:																

Upper depth (ft):16.5Lower depth (ft):19USCS:MLPID:0.9Jerome:0Sample Description:Wet, soft, black, SILT, little to some clay, low to moderate plasticity, petroleum-like odor.

Relinquished:			[ate/Ti	me:		Relinqu	ıished: _			Date	/Time:					
Received:			[ate/Ti	me:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80036	10/10/200	6 07:30	111877	7.25	925582.28	41.1	362.7	321.6	SOIL	SEDIMENT	✓	1	20	18.5		0.2	
Comments:								•					•	•			
Upper depth (ft): Sample Description	0 n: W	Lower de		0.5 SILT,	USCS: trace fine san			PID:	0.7	Jerome:	0						
Upper depth (ft): Sample Description	0.5 n: W	Lower de et, soft, bl		3.3 Γ, trace	USCS: e fine sand.	ML		PID:	0.7	Jerome:	0						
Upper depth (ft):	3.3	Lower de	pth (ft):	6.6	USCS:	ML		PID:	9.8	Jerome:	0						
Sample Description					olack, SILT, litt ht petroleuom-				city, trace	e fine sand, p	oetroleum-lik	e odor. Res	st of core is we	et, very soft	:, gray, S∣	LT and	silt-like
Upper depth (ft):	3.3	Lower de	pth (ft):	6.6	USCS:	ML		PID:	9.8	Jerome:	0						
Sample Description					olack, SILT, litt ht petroleuom-				city, trace	e fine sand, p	oetroleum-lik	e odor. Res	st of core is we	et, very soft	, gray, Sl	LT and	silt-like
Upper depth (ft):	6.6	Lower de	pth (ft):	9.9	USCS:	ML		PID:	9.7	Jerome:	0						
Sample Description	n: W	et, soft, da	ark gray t	o gray	, SILT, little sil	lt-like gra	ins, trace	e fine sand	d, petrol	eum-like odo	or.						
Upper depth (ft):		Lower de		13.2			a cand la		5.2	Jerome:	-	lor					

Vibracore Field Log

Relinquished: _			Date/T	ime:		Relinqu	iished: _			Date	Time:					
Received: _										Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80036	10/10/2006	07:30	1118777.25	925582.28	41.1	362.7	321.6	SOIL	SEDIMENT	✓	1	20	18.5		0.2	
Comments:					•	•	•			•		•				•
Upper depth (ft):	13.2	Lower de	pth (ft): 16.	5 USCS:	ML		PID:	11.3	Jerome:	0						
Sample Description	on: Wet	, soft, bl	ack, SILT, son	ne clay, trace fi	ne sand,	moderat	e plasticit	y, trace	organics in b	oottom top, pe	etroleum-lik	ke odor.				
Upper depth (ft): Sample Description		Lower de	pth (ft): 18.5			own. SII		0.8	<i>Jerome:</i>	-	core is wet	to medium sti	iff, dark gra	vish brow	n. Cl <i>f</i>	Y and

silt (CL).

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	'ime:	_	Receive	ed: _			Date	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
	OL-VC-80037	10/6/2006	15:55	1120455.62	927210.22	38.2	362.7	324.5	SOIL	SEDIMENT	✓	1	4.5	4.4			
	Comments:	•					-	•					•				
i	Upper depth (ft):	0	Lower de _l	pth (ft): 0.5	USCS:	ML		PID:	0	Jerome:	0				-		
1	Sample Description	n: Wet	t, very so	ft, black, SILT	, slight organic	odor, lov	v plasticit	ty.									
	Upper depth (ft): Sample Description			oth (ft): 3.3 oft, black, SILT			30 to 41	PID:	0	Jerome:	0						

Vibracore Field Log

Relinquished:			Date/1	ime:		Relinqu	iished: _			Date	Time:					
Received:			Date/1	ime:		Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
OL-VC-80038	10/6/2006	15:20	1119919.05	927090.71	33.7	362.7	329	SOIL	SEDIMENT	V	1	4.5	4.5			
Comments:	•	•								•						
Upper depth (ft):	0 .	Lower de	pth (ft): 0.5	USCS:	ML		PID:	0.2	Jerome:	0						
Sample Descript	ion: We	t, very so	oft, black, SILT	, low plasticity,	slight org	ganic odd	or.									
Upper depth (ft):	0.5	Lower de	pth (ft): 3.3	USCS:	ML		PID:	0.2	Jerome:	0						

Wet, very soft, black, SILT, little clay, slight organics odor, low plasticity.

Sample Description:

Vibracore Field Log

Relinquished:	nquished: Date/Time:						iished: _			Date	Time:					
Received:			Date/	Time:	_	Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerom
OL-VC-80039	10/6/2006	14:45	1119442.47	926887.33	33.7	362.7	329	SOIL	SEDIMENT	✓	1	4.6	4.6			
Comments:											•					
Upper depth (ft):	0	Lower de _l	<i>pth (ft):</i> 0.5	USCS:	ML		PID:	0.1	Jerome:	0						
Sample Description	n: Wet	t, very so	oft, black, SIL	, trace brown o	clay, sligh	t organic	odor, low	plastici	ty.							
Upper depth (ft):	0.5	Lower de _l	pth (ft): 3.3	USCS:	ML		PID:	0.1	Jerome:	0						

Black, very soft, SILT, little clay, slight organic odor, low plasticity.

Sample Description:

Relinquished:			Date/1	ime:		Relinqu	ished: _			Date	Time:					
Received:			Date/1	ime:	_	Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80040	10/6/2006	14:00	1119062.41	926712.81	33.2	362.7	329.5	SOIL	SEDIMENT	✓	1	4.5	4.2			
Comments:	•	•	•										•			
Upper depth (ft)): 0	Lower de	<i>pth (ft):</i> 0.5	USCS:	ML		PID:	0.1	Jerome:	0						
Sample Descrip		t, very so	oft, black, SILT	, trace brown o	clay, low p	olasticity.										
Upper depth (ft): 0.5	Lower de	pth (ft): 3.3	USCS:	ML		PID:	0.1	Jerome:	0						
Sample Descrip	tion: We	t, very so	oft, black, SILT	, little brown cl	ay, decre	asing cla	y content	with dep	oth, low plas	ticity, slight o	rganic odo	r.				

Vibracore Field Log

Relinquished:		Date/T		Relinqu	ished: _			Date	Time:							
Received:		Date/T	ime:	_	Receive	ed: _			Date	Time:						
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80041	10/6/2006	13:15	1118839.66	923156.65	37.5	362.7	325.2	SOIL	SEDIMENT	✓	1	4.5	4.2		0	
Comments:							•									
Upper depth (ft):	0	Lower de _l	pth (ft): 0.5	USCS:	ML		PID:	0.4	Jerome:	0						
Sample Descriptio	n: Wet	t, very sc	oft, black, SILT	, trace fine sar	nd, petrole	eum-like	odor.									
Unner denth (ft):	0.5	Lower de	nth (ft): 3.3	USCS:	ML		PID:	1.2	Jerome:	0						

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

Relinquished:			Date/	Time:		Relinqu	iished: _			Date	/Time:					
Received:	eceived: Date/Time:									Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80042	10/6/2006	12:45	1119997.6	921715.77	37.2	362.7	325.5	SOIL	SEDIMENT	V	1	4.6	4.6		0	
Comments:		•								•	•	•	•			
Upper depth (ft):	0 .	Lower de	oth (ft): 0.5	USCS:	ML		PID:	0.4	Jerome:	0						
Sample Description		t, very so	oft, black, SILT	, trace fine sar	nd, slight	petroleur	n-like odo	r.								
Upper depth (ft):	0.5	Lower de _l	pth (ft): 3.3	USCS:	ML		PID:	0.5	Jerome:	0						
Sample Descriptio	on: We	t, very so	oft, black, SILT	, trace fine sar	nd, slight	petroleur	n-like odo	r.								
Upper depth (ft):	0.5	Lower de _l	pth (ft): 3.3	USCS:	ML		PID:	0.5	Jerome:	0						
Sample Description	\/\o	t verv se	off black SILT	trace fine car	nd eliaht	netroleur	n-lika odo	r								

Reli	inquished:			Date/T	ime:		Relinqu	ished: _			Date	Time:					
Rec	eived:			Date/T	ime:	_	Receive	ed: _			Date	Time:					
ı	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeroi
(DL-VC-80043	10/6/2006	11:10	1121119.28	921306.92	39	362.7	323.7	SOIL	SEDIMENT	✓	1	4.2	4.2		0	
Co	omments:	•											•				
Upp	er depth (ft):	0	Lower de	<i>pth (ft):</i> 0.5	USCS:	ML		PID:	0.3	Jerome:	0						
San	pple Descriptio	n: Wet	t, very so	oft, black, SILT	, trace fine san	nd, petrole	eum-like	odor.									
Upp	er depth (ft):			pth (ft): 3.3					0.9	Jerome:	-						
San	ple Descriptio	n: Wet	t, very so	oft, black, SILT	, trace fine san	nd, petrole	eum-like	odor. Bo	ttom 1 ir	nch is wet, so	oft light gray,	SILT, trace	fine sand. Tr	ace vertebi	ates at 3	4 inche	S.

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	ed: _			Date/	/Time:					
•	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Depth	Recovery Depth (ft)	Refusal	PID	Jerome
,	OL-VC-80044	10/6/2006	10:30	1123842.25	919639.43	44	362.7	318.7	SOIL	SEDIMENT	✓	1	4.5	4.5		0	
	Comments:					•	-	•					•	•			
ı	Upper depth (ft):	0	Lower de	pth (ft): 0.5	USCS:	ML		PID:	0.1	Jerome:	0						
	Sample Description	n: Wet	, very so	oft, black, SILT	, trace fine san	ıd, slight p	petroleun	n-like odo	or.								
	Upper depth (ft): Sample Description			pth (ft): 3.3			slight pe	<i>PID:</i> etroleum-li	-	Jerome:	0						

Relinquished:			Date/	Time:		Relinqu	ished: _			Date	/Time:					
Received:			Date/	Time:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80045	10/6/2006	09:45	1124834.34	918863.97	35.8	362.7	326.9	SOIL	SEDIMENT	✓	1	4.5	4		0	
Comments:				•												<u> </u>
Upper depth (ft):	0	Lower dep	th (ft): 0.5	USCS:	ML		PID:	0.1	Jerome:	0						
Sample Description	n: We	t, soft, bla	ick, SILT, trad	ce fine sand, pe	etroleum-l	like odor.										
Upper depth (ft):	0.5	Lower dep	th (ft): 3.3	USCS:	ML		PID:	0	Jerome:	0						
Sample Description		o 10 inche orobenzer		black, SILT, tr	ace fine s	sand, peti	roleum-lik	e odor.	Rest of core	e is wet, very	soft, black	to dark gray, S	SILT, trace	fine sand	l, slight	
Upper depth (ft):	0.5	Lower dep	th (ft): 3.3	USCS:	ML		PID:	0	Jerome:	0						
Sample Description		o 10 inche orobenzer		black, SILT, tr	ace fine s	sand, peti	roleum-lik	e odor.	Rest of core	e is wet, very	soft, black	to dark gray, \$	SILT, trace	fine sand	l, slight	

Relinquished:			Date	/Time:		Relinqu	iished: _			Date	Time:					
Received:	eived: Date/Time:									Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80046	10/7/2006	07:35	1127247.84	914921.9	33.1	362.8	329.7	SOIL	SEDIMENT	✓	1	4.5	4.4			
Comments:					•		•			•	•	•	•			
Upper depth (ft):	0	Lower dep	oth (ft): 0.	5 USCS:	ML		PID:	0.1	Jerome:	0						
Sample Description	n: We	t, very so	ft, black to g	ray-brown varve	ed, SILT,	trace clay	, bottom	2 inches	is increased	d brown clay	content, lov	w plasticity.				
Upper depth (ft):	0.5	Lower de _l	oth (ft): 3.	3 USCS:	ML		PID:	0.2	Jerome:	0						
Sample Description	n: Top	1 foot is	wet, very so	ft, gray to black	, SILT, litt	tle clay, b	ottom 1.5	feet is v	wet, very sof	t, black to gra	ay varved, S	SILT, little clay	y, low plasti	city, sligh	nt orgar	nic odor.
Upper depth (ft):	0.5	Lower de _l	oth (ft): 3.	3 USCS:	ML		PID:	0.2	Jerome:	0						
Sample Description	n: Tor	1 foot is	wet, verv so	ft. grav to black	. SILT. litt	tle clav. b	ottom 1.5	feet is v	wet. verv sof	t. black to gra	av varved. S	SILT. little clav	v. low plasti	citv. sliał	nt organ	nic odor.

ı	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
ı	Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
	OL-VC-80047	10/7/2006	10:10	1127129.24	915478.38	35	362.7	327.7	SOIL	SEDIMENT	✓	1	4.5	4.4			
	Comments:						-	•									
i	Upper depth (ft):	0 1	Lower de _l	oth (ft): 0.5	USCS:	ML		PID:	0.5	Jerome:	0						
	Sample Description			ack, SILT, trac													
	Upper depth (ft): Sample Description			oth (ft): 3.3 ack to gray, SII		ML		PID:	0.4	Jerome:	0						

Vibracore Field Log

Relinquished:			Date/1	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/1	ime:		Receive	ed: _			Date	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80048	10/7/2006	09:20	1127200.35	915963.71	34.9	362.8	327.9	SOIL	SEDIMENT	✓	1	4.5	4		0	
Comments:	•				•	•				•			•			
Upper depth (ft):	0	Lower de	<i>pth (ft):</i> 0.5	USCS:	ML		PID:	0.4	Jerome:	0						
Sample Description	n: Wet	t, soft, da	ark gray, SILT,	some clay, lov	w plasticity	y.										
Upper depth (ft):	0.5	Lower de _l	pth (ft): 3.3	USCS:	ML		PID:	0.4	Jerome:	0						

Wet, soft, dark gray to black to grayish-white, SILT, some clay, low plasticity.

Sample Description:

Relinquished:			Date/T	ime:		Relinqu	iished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80049	10/7/2006	08:20	1119102.42	922978.63	32.8	362.8	330	SOIL	SEDIMENT	~	1	4.5	4.4			
Comments:		•			•								•			
L Upper depth (ft): Sample Description		<i>Lower dep</i> t, very so	oth (ft): 0.5 ft, black, SILT			w plastici	<i>PID:</i> ty, clay, s		Jerome: anic odor.	0						
Upper depth (ft):	0.5	Lower de _l	oth (ft): 3.3	USCS:	ML		PID:	1.5	Jerome:	0						
Sample Description		6 inche sticity.	s is wet, very s	oft, gray brow	n, SILT, s	ome clay	y, low plas	sticity. F	Rest of core i	s, wet, very s	oft, black,	SILT, trace cla	ay, petroleu	ım-like od	lor, low	1

Relinquished:				[Date/Tir	me:		Relinqu	ished: _			Date	/Time:					
Received:				[Date/Tir	me:	_	Receive	ed: _			Date/	/Time:					
Location ID	Date	e	Time	North	ing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80050	10/10/2	2006	11:30	111923	2.37	924201.85	54.6	362.6	308	SOIL	SEDIMENT	V	1	20	17		0	
Comments:																		
Upper depth (ft): Sample Descriptio			ower dep		0.5 , SILT, t	USCS: trace fine san		eum-like (PID: odor.	0.4	Jerome:	0						
Upper depth (ft): Sample Descriptio			ower dep soft, bla	• •	3.3 Г, trace	USCS: fine sand, pe		like odor.	PID:	1.7	Jerome:	0						
Upper depth (ft): Sample Descriptio			<i>ower dep</i> very so	• •	6.6 to dark	USCS: gray, SILT, li		and, peti		17.1 e odor.	Jerome:	0						
Upper depth (ft): Sample Descriptio			ower dep soft, bla	• •	9.9 Γ, trace	USCS: clay, trace fir		petroleun	<i>PID:</i> n-like odo		Jerome:	0						
Upper depth (ft):			ower dej	• •	13.2		_		PID:		Jerome:	-						
Sample Descriptio				es is wet asticity, t			tle to som	ne clay, lo	ow to mod	derate pl	asticity. Res	t of core is w	et, soft to n	nedium stiff, d	lark grayish	-brown C	LAY ar	d SILT,
Upper depth (ft):	13.2	L	ower dej	pth (ft):	16.5	USCS:	CL		PID:	1.1	Jerome:	0						
Sample Descriptio	n:	Wet,	soft to i	medium	stiff, da	rk grayish-bro	own, CLA	Y and SI	LT, mode	rate pla	sticilty, trace	shells, sulfu	r odor (MAI	RL).				

Vibracore Field Log

F	Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
F	Received:			Date/T	ime:		Receive	d: _			Date/	Time:					
	Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Depth	Refusal	PID	Jerome
	OL-VC-80050	10/10/2006	11:30	1119232.37	924201.85	54.6	362.6	308	SOIL	SEDIMENT	~	1	20	17		0	
	Comments:																

Upper depth (ft): 16.5 Lower depth (ft): 17 USCS: CL PID: 0.8 Jerome: 0

Sample Description: Wet, soft to medium stiff, dark grayish-brown, CLAY and SILT, moderate plasticilty, trace shells, sulfur odor (MARL).

Relinquished:			Date	e/Time:		Relinqu	ished: _			Date	/Time:					
Received:			Date	e/Time:		Receive	ed: _			Date/	/Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jeroi
OL-VC-80051	10/10/2006	12:20	1119150.9	9 925420.1	48.2	362.6	314.4	SOIL	SEDIMENT	✓	1	20	19			
Comments:																
Upper depth (ft): Sample Description		Lower de		0.5 USCS LT, trace fine sa		eum-like	PID:	0.9	Jerome:	0						
Upper depth (ft): Sample Description		Lower de, et, soft, bl		3.3 USCS race fine sand, p		-like odor.		0.7	Jerome:	0						
Upper depth (ft): Sample Description		Lower de		S.6 USCS race fine sand g		wet, very		2.3 ish-white	Jerome: e silt-like grai	-	e sand, petr	oleum-like od	or.			
Upper depth (ft): Sample Description	<i>n</i> : 0 to		es is wet, ve	0.9 <i>USCS</i> ery soft, grayish- lt-like grains, tra	white to g		and silt-li			and, slight pe				core is v	et soft	dark
Upper depth (ft): Sample Description	<i>n</i> : 0 to		es is wet, ve	0.9 <i>USCS</i> ery soft, grayish- lt-like grains, tra	white to g		and silt-li			and, slight pe				core is w	vet soft	dark
Upper depth (ft):	9.9	Lower de	pth (ft):	13.2 <i>USCS</i>	: ML		PID:	0.9	Jerome:	0						
Sample Description	n: We	et, soft, bl	ack, SILT, I	ttle to some clay	, trace fin	e sand, lo	w to mod	derate pl	asticity, petro	oleum-like od	lor.					

Relinquished:			Date/T	ime:		Relinqu	ished: _			Date/	Time:					
Received:			Date/T	ime:		Receive	ed: _			Date/	Time:					
Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerom
OL-VC-80051	10/10/2006	12:20	1119150.99	925420.1	48.2	362.6	314.4	SOIL	SEDIMENT	~	1	20	19			
Comments:					•							•	•			
Upper depth (ft):	13.2	Lower dep	oth (ft): 16.5	USCS:	ML		PID:	0.8	Jerome:	0						
Sample Description			es is wet, soft, lasticity, trace s		ome clay,	trace fin	e sand, lo	w to mo	derate plasti	city. Rest of	core is wet	, soft, dark gra	ayish-browr	n, SILT ar	nd CLA	Υ,
Upper depth (ft):		•	oth (ft): 19	USCS:	ML		PID:	0.6	Jerome:	0						

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20067

Date: 09/26/2006

Weather: 55 degrees F, 9 mph wind

Northing: 1120067.34

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 921495.87

Logging Company: Parsons

Attempts: 3

Mud Line: 334.9 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 28.0 Ft

Penetration Depth: 12.0 Core Recovery Depth: 11.5

Sample ID	PID	Mercury	uscs		Sample	
ID			1000		Carripic	
ַנ	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
OL-0185-01/OL-0289-09	0.2		ML		Vibracore	
OL-0185-03	0.3		ML	Wet, soft, black, SILT, fine sand with clay, more dense toward the bottom of the core.	Vibracore	Silt/fine sand
OL-0185-04/OL-0289-10	0.5		ML	to dense, fine SAND and SIL1, cement-like odor, low plasticity.	Vibracore	fine Sand/Silt
OL-0185-05/OL-0290-04	0.2				Vibracore	
	OL-0185-01/OL-0289-09 OL-0185-03 OL-0185-04/OL-0289-10	OL-0185-01/OL-0289-09	OL-0185-01/OL-0289-09 OL-0185-03 OL-0185-04/OL-0289-10 OL-0185-05/OL-0290-04 OL-0185-05/OL-0290-04 O.2	OL-0185-01/OL-0289-09 OL-0185-04/OL-0289-10 OL-0185-05/OL-0290-04 OL-0185-05/OL-0290-04 OL-0185-05/OL-0290-04 OL-0185-05/OL-0290-04 OL-0185-05/OL-0290-04 OL-0185-05/OL-0290-04	Wet, very soft, black, SILT, trace fine sand, trace clay, little organics, petroleum-like odor. Wet, soft, black, SILT, fine sand with clay, more dense toward the bottom of the core. Wet, soft, black-brown, SILT, little clay, trace fine sand, black discoloration at 7 inches, rest of core is medium dense to dense, fine SAND and SILT, cement-like odor, low plasticity. Wet, medium dense, black, fine SAND, little SILT, trace wood fragments, trace	Wet, very soft, black, SILT, trace fine sand, trace clay, little organics, petroleum-like odor. Wet, soft, black, SILT, fine sand with clay, more dense toward the bottom of the core. Wet, soft, black-brown, SILT, little clay, trace fine sand, black discoloration at 7 inches, rest of core is medium dense to dense, fine SAND and SILT, cement-like odor, low plasticity. Wet, soft, black-brown, SILT, little clay, trace fine sand, black discoloration at 7 inches, rest of core is medium dense to dense, fine SAND and SILT, cement-like odor, low plasticity. Wet, medium dense, black, fine SAND, little SILT, trace wood fragments, trace coarse sub-rounded gravel, organic odor.

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20068

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle

Northing: 1119832.35

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 921526.42 Mud Line: 349.6 Ft Logging Company: Parsons

Attempts: 2

WIGG LINE. 040.011

Geologist: SARA CHMURA Penetration Depth: 20.0 Depth Units: Ft

Surface Water Depth: 13.3 Ft

20.0 Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0185-06/OL-0290-05	0.8		SM	Wet, soft, loose, fine SAND and SILT, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
5 +	OL-0185-07/OL-0289-12	1.3		SM	Wet, soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
	OL-0185-08	0.5		SM	Wet, soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	Marl
10 +	OL-0185-09/OL-0290-06	0.3		SM	Wet, soft, gray, SILT, some fine SAND, little clay, trace shells, sulfur odor, (MARL).	Vibracore	iviail
15 —	OL-0289-11	0.3		ML	Wet, soft, gray silt and clay, little fine sand, little shells, moerate plasticity, sultur odor, marl,.	Vibracore	
19.8		0.3		ML	Wet, soft, gray SILT and CLAY, little f sand, little shells, moderate plasticity, sulfur odor.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20069

Date: 09/26/2006

Weather: 55 degrees F, 9 mph wind

Northing: 1119611.81

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 921376.75 Mud Line: 360.9 Ft

Logging Company: Parsons Geologist: SARA CHMURA

Attempts: 1

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 2.0 Ft

Core Recovery Depth: 17.8

Sample	PID	Mercury	uscs		Sample	
ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
OL-0185-10/OL-0290-07	2.2		SM	0 to 15 inches is wet soft, black, SILT and fine SAND. Some organics, petroleum-like odor, 15 to 36 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity, sulfur odor. Rest of core is wet, soft, grayish-white, SILT and fine SAND. Some oncolites.	Vibracore	Silt/fine sand
				Top ten inches: wet, soft, grayish-white, SILT and fine SAND, some oncolites. Rest		
OL-0185-11/OL-0289-13	0.8		SM	of core is wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
OL-0185-12	0.3		SM	Wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	Marl
				0 to 9 inches is wet, soft, gray, SILT, some fine sand, trace clay, low plasticity.		
OL-0185-13/OL-0289-14	0.4		SM	Rest of core is wet, soft, dark gray, SILT and fine SAND, trace clay in bottom of core, some oncolites.	Vibracore	Silt/fine sand
				0-12 inches is wet, soft to medium		
OL-0290-08	0.5		ML	clay, trace wood fragments, 12-24 inches is wet, dense red brown SILT, little fine sand, black organic discooration, rest of core is moist, very stiff, redbrown clayand silt, high plasticity (CL).	Vibracore	Clay
	OL-0185-10/OL-0289-13 OL-0185-11/OL-0289-13 OL-0185-13/OL-0289-14	ID (ppm) OL-0185-10/OL-0290-07 2.2 OL-0185-11/OL-0289-13 0.8 OL-0185-12 0.3 OL-0185-13/OL-0289-14 0.4	ID (ppm) (mg/m3) OL-0185-10/OL-0290-07 2.2 OL-0185-11/OL-0289-13 0.8 OL-0185-12 0.3 OL-0185-13/OL-0289-14 0.4 OL-0290-08 0.5	ID (ppm) (mg/m3) Code OL-0185-10/OL-0289-07 2.2 SM OL-0185-11/OL-0289-13 0.8 SM OL-0185-12 0.3 SM OL-0185-19/OL-0289-14 0.4 SM OL-0290-08 0.5 ML	D	ID

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20070

Date: 09/26/2006

Weather: 55 degrees F, 9 mph wind

Northing: 1119473.16

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 921495.50

Logging Company: Parsons

Attempts: 1

Mud Line: 361.3 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 1.5 Ft

Penetration Depth: 20.0

Core Recovery Depth: 18.2

Dept	h	Sample	PID	Mercury	uscs		Sample	
Ft		ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	-	OL-0185-14/OL-0289-15	1.4		SM	0 to 10 inches is wet, loose, black, fine SAND and GRAVEL, trace organics, petroleum-like odor, trace shells, 10 to 22 inches is wet medium stiff gray silt and fine sand, some oncolites, slight petroleum-like odor, rest of core is wet soft, gray SILT, some fine sand, trace clay, trace shells, sulfur odor, marl (SM-ML).	Vibracore	fine Sand/gravel
5 —	_	OL-0185-15	0.7		ML	Wet soft, gray, SILT, some fine sand, trace clay, trace shells, trace organics, sulfur odor, (MARL).	Vibracore	Marl
-	_	OL-0185-16/OL-0289-16	0.3		ML	0 to 14 inches is wet, soft, gray, SILT, little fine sand, trace clay, low plasticity, trace organics, slight sulfur odor. Rest of core is wet, soft, dark gray, SILT, little fine sand, little to trace clay.	Vibracore	
10 -	_	OL-0185-17/OL-0290-09	0.3		ML	0 to 11 inches is wet , soft, gray, SILT, little clay, trace fine sand, 11 inches to 26 inches is moist, dense, gray to red-brown, fine SAND and SILT, black organic discoloration at 22 inches. Rest of core is moist, stiff, red-brown, CLAY, some silt, high plasticity (CL).	Vibracore	Clay
15 -	_	OL-0289-17	0.2		CL	Moist, medium stiff, redbrown CLAY, some silt, high plasticity,.	Vibracore	
18.2	_	OL-0290-10	0.5	odiovo :- d:t	CL	Moist, medium stiff, redbrown clay and silt, moderate plasticity.	Vibracore	
18.2	_		Null field re	adings indicate	a reading	g was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20071

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind

Northing: 1119428.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 921703.69

Logging Company: Parsons

Attempts: 2

Mud Line: 359.7 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 3.2 Ft

Penetration Depth: 20.0 Core Recovery Depth: 16.5

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0187-01/OL-0289-18	4.5		ML	Top 3 inches is wet, loose, black fine SAND, little silt, trace shells. Rest of core is wet, soft, gray, SILT, some fine sand, trace clay in bottom 6 inches, some oncolites, trace shells, sulfur odor, (MARL).	Vibracore	fine Sand
5 +	OL-0187-02	3.7		ML	Wet, soft, gray, SILT, little fine sand, trace clay, little oncolites, trace shells, sulfur odor, (MARL).	Vibracore	Marl
-	OL-0187-03/OL-0290-11	3.2		ML	Wet, soft, gray, SILT, little to some fine sand, trace clay, trace shells, trace organics, sulfur odor, (MARL).	Vibracore	
10	OL-0187-04	1.1		ML	0 to 17 inches is wet, soft, gray SILT, little fine sand, little clay, sulfur odor. Rest of core is wet, soft, dark gray, SILT, little fine sand, little clay, some oncolites, slight sulfur odor.	Vibracore	
15 —	OL-0289-19	0.0		SM	0-10 inches is wet, soft, gray SILT, little fine sand, trace clay, some oncoloites, rest of core is moist, dense gray to red-brown fine sand, little sift, trace clay, black organic discoloration.	Vibracore	Silt/fine sand
16.5		Null field re	adings indicate	e a reading	g was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20080

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind

Northing: 1119415.12

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 921606.78 Mud Line: 360.5 Ft

Logging Company: Parsons Geologist: SARA CHMURA

Attempts: 1 Depth Units: Ft

Surface Water Depth: 2.4 Ft

Penetration Depth: 20.2 Core Recovery Depth: 18.5

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0186-01/OL-0289-20	2.5			Top two inches is wet, loose, black, fine SAND and GRAVEL, trace organics, petroleum-like odor. Rest of core is wet, soft, gray, SILT and fine SAND, some oncoloites, trace shells, sulfur odor, (MARL).	Vibracore	
5 —	OL-0186-02	2.7		ML	Wet, soft gray, SILT, some fine sand, trace clay, some oncolites on top of core, little shells, sulfur odor, (MARL).	Vibracore	Marl
-	OL-0186-03/OL-0290-12	0.7		ML	Wet, soft, gray, SILT, little fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
10 —	OL-0186-04/OL-0290-01	0.3		ML	Wet, soft, gray to dark gray, SILT, some fine sand, some oncolites, trace clay in bottom of core, trace shells, trace organics.	Vibracore	
15 —							Clay
18.5	OL-0290-13	0.3	adings indicate	CL	Moist, soft, red-brown clay and silt, moderate plasticity. was not taken.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20081

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind

Northing: 1119359.43

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 921665.04

Logging Company: Parsons

Attempts: 1

Mud Line: 360.5 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.4

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0186-05	3.1		SM	Wet, loose, gray, fine SAND and SILT, some oncolites, trace shells, trace organics, sulfur odor, (MARL). From 0 to 27 inches isolated pin-sized NAPL globules throughout.	Vibracore	
5 +	OL-0186-07/OL-0290-02	1.8		ML	Wet, soft, gray, SILT, some to little fine sand, trace clay, trace oncolites and shells, sulfur odor, (MARL).	Vibracore	
-	OL-0186-08	0.8		ML	Wet, soft, gray, SILT, little clay, little fine sand, trace shells, trace brown organics, sulfur odor, (MARL).	Vibracore	Silt/fine sand
10 +	OL-0186-09/OL-0290-14	0.4		ML	0 to 20 inches is wet, soft, gray SILT, little fine sand, trace clay, trace shells, sulfur odor. Rest of core is wet, soft, dark gray, SILT, some fine sand, trace clay, some small oncolites, trace shells, slight sulfur odor, (MARL).	Vibracore	
15 —	OL-0290-15	0.3		SM	0-8 inches is wet, soft, gray SILT, trace fine sand, little clay, rest of core is dark-gray to red-brown fine sand and silt, little to trace clay, dense.	Vibracore	Clay
18.4		Null field re	eadings indicate	e a reading	g was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20082

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind

Northing: 1119386.98

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 921635.02

Logging Company: Parsons

Attempts: 1

Mud Line: 360.5 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.6

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0186-10/OL-0290-16	4.0		SM	Top 2 inches wet, soft, black, SILT and fine SAND, trace shells, tar-like texture, petroleum-like odor. Rest of core is wet, loose, gray fine SAND and SILT, some oncolites, trace clay, trace shells, sulfur odor, trace organics, ((MARL)).	Vibracore	
5 —	OL-0186-11	2.4		ML	Wet, soft, gray, SILT, little fine sand, trace clay trace organics, trace shells, sulfur odor, (MARL).	Vibracore	MARL
-	OL-0186-12/OL-0290-03	1.0		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	WARL
10	OL-0186-13	0.4		ML	Wet, soft, light-gray to dark gray, SILT, little fine sand, trace clay, trace shells, trace oncoloites, slight sulfur odor top half of core (MARL).	Vibracore	
15 —	OL-0290-17	0.3		SM	Wet, dense, gray to red-brown FINE SAND, some silt, trace clay in bottom of core, trace black organics.	Vibracore	Fine SAND
18.6	OL-0290-18	0.3	eadings indicate	CL e a reading	Top 6 inches is moist, very dense, red-brown FINE SAND, trace silt, rest of core is wet, soft, red-brown CLAY and SILT, moderate plasticity, trace black organics.	Vibracore	CLAY

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30034

Date: 10/02/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1125003.00

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 918520.30

Logging Company: Parsons

Attempts: 1

Mud Line: 336.7 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 26.4 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Depth	Sample	1		USCS		Sample	
Ft	ID	Blow Count	Consist.	Code	Soil Description	Method	Stratum
0	OL-0195-01			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor, black discoloration from 5 to 6 inches	Vibracore	
	OL-0285-13			SOLW	Top 0 to 7 inches is wet, soft, black, SILT, ammonia-like odor (ML). Rest of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0277-10			SOLW	Wet, soft to medium stiff white silt-like grains, trace fine sand, 0.5 to 1 inch solway chunks throughout, mothball odor.	Vibracore	Solvay Waste
	OL-0277-11			solw	Wet, soft to medium stiff white silt-like grains, trace fine sand, 0.5 to 1 inch solway chunks throughout, trace organics, mothball odor.	Vibracore	
	l		I	1		1 1	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30034

Date: 10/02/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1125003.00

Easting: 918520.30

Mud Line: 336.7 Ft

Surface Water Depth: 26.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Attempts: 1

Depth Units: Ft

Water Elev: 363.1 Ft

Depth	Sample			USCS		Sample	
Ft	ID	Blow Count	Consist.	Code	Soil Description	Method	Stratum
10	OL-0285-14			SOLW	Wet, soft, medium stiff, grayish white silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
15 —	OL-0277-12			SOLW	0-37 inches is wet, soft, medium stiff, grayish white silt-like grains, trace fine sand, trace organics, mothball odor. 37 to 38.5 inches is black discoloratior ammonia-like and mothball odor.38.5 to end of core is wet, soft, grayish green silt-like grains.	N, Vibracore	Solvay Waste
19.8	OL-0277-13			SOLW	Wet, soft, grayish green silt-like grains, slight ammonia odor.	Vibracore	
19.8		Null field re	adings indicate	e a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30035

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1124645.95 Easting: 918722.75 Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 918722.75 Mud Line: 335.6 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Surface Water Depth: 27.4 Ft

Penetration Depth: 20.0 Core R

Core Recovery Depth: 19.6

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0195-10	0.0		ML	Wet, soft, olive gray, SILT, trace fine sand. Background PID=5.8.	Vibracore	
					0 to 13 inches is wet, soft to very soft, olive gray to black SILT, trace to little fine sand (ML). 13 inches to rest of core is wet, soft, bluish-green to grayish-white, silt-like grains, trace fine sand, mothball odor. Background		Silt
-	OL-0277-06	0.0		SOLW	fine sand, mothball odor. Background PID=5.8.	Vibracore	
- -					Wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor. 31 inches to end of core is black discoloration with mothball and ammonia-like odor.		
5	OL-0277-07			SOLW		Vibracore	Solvay Wast
_					Wet, very soft to soft, grayish-white silt-like grains, trace fine sand, mothball odor.		
-	OL-0282-18			SOLW		Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30035

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1124645.95 Easting: 918722.75

Surface Water Depth: 27.4 Ft

Mud Line: 335.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0 Core Recovery Depth: 19.6

Attempts: 1

Depth Units: Ft

Water Elev: 363.0 Ft

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0277-08	0.0		SOLW	Wet, soft, grayish-white silt-like grains, trace fine sand, dark gray discoloration from 5 to 8 inches and 37 inches to end of core. Brownish -green discoloration from 8 to 9 inches and from 18 to 21 inches, has a mothball odor.	Vibracore	Solvay Waste
15 —	OL-0277-09	0.0		SOLW	0-25 inches is wet, soft, grayish-white to bluish-green silt-like grains, trace fine sand, mothball odor (SOLW),grading to wet soft,dark gray to black SILT, trace fine sand, slight ammonia-like odor (ML).	Vibracore	
	OL-0282-19	0.0		CL	Wet, soft, dark brown with black discoloration throughout SILT and CLAY, moderate plasticity.	Vibracore	Clay

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30036

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1123677.29

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 919470.30 Mud Line: 337.5 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 2 Depth Units: Ft

Surface Water Depth: 25.4 Ft

Penetration Depth: 20.0 Core Recovery Depth: 17.3

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0196-01	0.0		ML	Wet, soft, olive-gray, SILT, little fine sand.	Vibracore	
	OL-0282-20	0.0		ML	0 to 17 inches is wet, soft, olive gray to black, SILT, little fine sand, slight mothball odor in lower portion (ML). Rest of core is very soft to soft, bluish green to grayish-green, silt-like grains, trace fine sand, mothball odor (SOLW).	Vibracore -	Silt/fine sand
+	02 400 20					1.5.00.0	
5 —	OL-0277-18	0.0		SOLW	Wet, very soft, grayish-white to pistacio to grayish-green silt-like grains, trace fine sand, mathball and slight ammonia-like odor.	Vibracore	Solvay Wast
-	OL-0277-19	0.0			0-27 inches is wet, soft to stiff grayish-green to bluish-green silt-like grains, trace fine sand, mothball and ammonia-like odor (SOLW). 27 in to 31 inches is wet, soft, black SILT, little fine sand, slight mothball odor (ML). 31 inches is wet, soft, black SILT, little fine sand, slight mothball odor (ML). 31 inches to rest of core is wet, soft dark brown silt and clay, moderate plasticity trace shells, sulfur odor (MARL).	Vibracore	
	DL=0285=01						Marl

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30036

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1123677.29 Easting: 919470.30

Mud Line: 337.5 Ft

: 919470.30 Lo

Surface Water Depth: 25.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0 Core Recovery Depth: 17.3

Water Elev: 362.9 Ft

Attempts: 2 Depth Units: Ft

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Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0285-01	0.0		CL	Wet, soft dark brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
15 —	OL-0277-20	0.0		CL	Wet, soft dark brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
	OL-0285-02	0.0		CL	Wet, soft light brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30037

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1123334.73 Easting: 919843.76 Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Mud Line: 334.3 Ft

Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Surface Water Depth: 28.8 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.9

	·	<u> </u>	1				
Depth	Sample			USCS		Sample	
Ft	ID	Blow Count	Consist.	Code	Soil Description	Method	Stratum
0	OL-0195-12			ML	Wet, soft, black, SILT, trace fine sand.	Vibracore	
	OL-0282-17			SOLW	Wet, very soft to soft, black to bluish green to grayish-white, SILT grading to silt-like grains, trace fine sand, mothball odor in lower half.	Vibracore	Silt/fine sand
5 —	OL-0278-02			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, large organic seam from 31 to 34 inches, mothball and slight ammonia-like odor.	Vibracore	Solvay Waste
+	OL-0278-01			SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, trace organics, 1-2 inch thick solvay chunks,mothball odor.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30037

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1123334.73

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 919843.76 Mud Line: 334.3 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

WIUU LINE. 334.3 FL

Surface Water Depth: 28.8 Ft Penetra

Penetration Depth: 20.0

Core Recovery Depth: 19.9

Depth	Sample			uscs		Sample	
Ft	ID	Blow Count	Consist.	Code	Soil Description	Method	Stratum
10	OL-0282-15			SOLW	0-30 inches is wet, very soft, grayish-white to grayish-green to gray, silt-like grains grading to SILT, trace fine sand, 0.5 inch thick solvay chunks in upper 10 inches, mothball and slight ammonia-like odor grading to ammonia-like odor (SOLW). 30 inches to end of core is wet, soft,dark gray silt and some clay, low to moderate plasticity, slight ammonia-like odor(ML).	Vibracore	Solvay Waste
15 —	OL-0282-16			CL	Wet, soft, olive gray with black discoloration SILT and CLAY, moderate plasticity, trace shells.	Vibracore	Marl
-				CL	Wet, soft, olive gray with black discoloration, SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor.	Vibracore	
19.9	L	Null field re	adings indicate	a reading	y was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30038

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1121027.13

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 920969.42 Mud Line: 342.7 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Surface Water Depth: 20.4 Ft

Penetration Depth: 20.0

Core Recovery Depth: 20.1

Depth	Sample	Diam Canad	0	uscs	Cail Dagarintian	Sample	Ctuations
Ft	ID	Blow Count	Consist.	Code	Soil Description	Method	Stratum
0	OL-0195-14			SOLW	Wet, very soft, black, silt-like grains, trace fine sand, 0.5 inch thick Solvay chunks throughout, mothball odor Wet, soft, grayish-white, silt-like grains, trace fine and, mothball odor.	Vibracore	
+	OL-0285-03			SOLW		Vibracore	
5 +	OL-0278-03			SOLW	Wet, soft, grayish-white to light grayish green silt-like grains, trace fine sand, black discoloration from 13 inches to 23 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0285-04			SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, mothball odor.1 inch thick solvay chunks in bottom half.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30038

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1121027.13

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 920969.42 Mud Line: 342.7 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Surface Water Depth: 20.4 Ft

Penetration Depth: 20.0

Core Recovery Depth: 20.1

	·				<u> </u>	, ' <u> </u>		
Depth	Sample			0 : 1	uscs		Sample	0
Ft	ID	Blow	Count	Consist.	Code	Soil Description	Method	Stratum
10	OL-0278-04				SOLW	0-34 inches is wet, soft to medium stiff, grayish-white silt-like grains, trace fine sand, 1 inch thick solway chunks throughout, mothball odor. 34 inches to the end,is wet,soft, grayish-green silt-like grains, trace fine sand, mothball odor.	, Vibracore	Solvay Waste
15 —	OL-0278-05				SOLW	0-33 inches is wet, soft greenish-blue silt-like grains grading to SILT. Trace fine sand, mothball odor grading to slight ammonia-like odor. 33 inches to rest of core is wet, soft, black SILT, trace fine sand, ammonia-like odor (ML).	Vibracore	
	OL-0285-05				CL	Wet, soft to medium stiff, light olive gray clay and silt, moderate plasticity, trace shells, black discoloration in top 3 inches, sulfur odor (MARL).	Vibracore	Marl
20 上	L	上	l	L	L	L	L	L

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30038

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1121027.13

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 920969.42

Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Mud Line: 342.7 Ft

Penetration Depth: 20.0

Core Recovery Depth: 20.1

Depth Sample Ft ID

Surface Water Depth: 20.4 Ft

Blow Count Consist.

USCS Code

Soil Description

Sample Method

Stratum

20.1

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30039

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1124497.93 Easting: 918519.73 Mud Line: 344.5 Ft

Surface Water Depth: 18.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 1
Depth Units: Ft

Depth	Sample	PID	Mercury	USCS	0.15	Sample	01. 1
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0277-14	0.0		SOLW	Wet, soft to very soft, blue-green to grayish-white to dark gray, silt-like grains grading to SILT, trace fine sand, dark gray discoloration from 13 inches to 18 inches and from 26 inches to 27 inches. Zebra muscle shells in top 1 inch, mothball odor.	Vibracore	
5 +	OL-0285-06	0.0		SOLW	Wet, soft, light green-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 11 to 13 inches, mothball odor.	Vibracore	
+	OL-0277-15	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
10 +	OL-0285-07	0.0		SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, trace organics, mothball odor.	Vibracore	Solvay Waste
15	OL-0277-16	0.0		SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, mothball odor.	Vibracore	
	OL-0277-17	0.0		SOLW	Wet, soft, bright green to graish white to grayish green silt-like grains, trace fine sand, mothball and ammonia-like odor.	Vibracore	
20.0		Null field re	eadings indicate	a reading	was not taken		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30040

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1123561.06

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 919388.34 Mud Line: 346.3 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Surface Water Depth: 16.6 Ft

Penetration Depth: 20.1

Core Recovery Depth: 20.1

<u> </u>								
Depth	Sample	L.	_		uscs		Sample	_
Ft	ID	Blow (Count	Consist.	Code	Soil Description	Method	Stratum
0 -	OL-0276-19				SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
5 +	OL-0285-08				SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
-	OL-0276-20				SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	SOLVAY WASTE
10 +	OL-0285-09				SOLW	Wet, soft, medium stiff, grayish green to bright green to grayish white to greenish blue, silt-like grains, trace fine sand, mothball odor.	Vibracore	
15 +								
20.1	OL-0277-01				SOLW	Wet, soft, brown, silt and clay , trace shells, sulfur odor (MARL), moderate plasticity.	Vibracore	MARL

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30041

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind

Northing: 1124394.52

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 918100.85 Mud Line: 359.9 Ft Logging Company: Parsons Geologist: SARA CHMURA

Attempts: 2

Surface Water Depth: 2.9 Ft

Penetration Depth: 20.0

Depth Units: Ft

Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	uscs	1	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0187-05/OL-0285-11	0.0		SOLW	Wet, soft, grayish-white silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
5 +	OL-0187-06/OL-0278-06	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
-	OL-0187-08/OL-0278-07	3.4		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor. 2 inch thick Solvay chunk at 18 inches.	Vibracore	
10 +	OL-0187-09/OL-0285-12	0.8		SOLW	Wet, soft grayish-white, silt-like grains, trace fine sand in top half of core, dark gray discoloration at 21 inches and 29 inches, mothball odor.	Vibracore	Solvay Waste
15 —	OL-0187-10/OL-0278-08	0.9		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
19.8	OL-0187-11/OL-0278-09	6.2		SOLW	Wet, soft, grayish-white to grayish-blue, silt-like grains, trace organics, small pin-sized isolated NAPL globule at 30 inches and 36 inches. Mothball odor.	Vibracore	
i		Null field re	eadings indicate	a reading	g was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30042

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1124360.95 Easting: 918392.00 Mud Line: 353.8 Ft Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA Water Elev: 362.9 Ft

Attempts: 1 Depth Units: Ft

Surface Water Depth: 9.1 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

Ft							
	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0285-10	0.0		SOLW	Wet, soft, bluish-green to gray to grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=3.7.	Vibracore	
5 —	OL-0277-02	0.0		SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 19 to 21 inches, mothball odor. Background PID=5.7.	Vibracore	
	OL-0195-06	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=3.8.	Vibracore	
10 +	OL-0277-03	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, 2 inch thick Solvay chunks in bottom half, mothball odor. Background PID=4.8	Vibracore	Solvay Waste
15	OL-0277-04	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor. Background PID=5.6.	Vibracore	
	OL-0277-05	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, dark gray discoloration 29 to 30 inches, light green from 30 to 33 inches, mothball odor. Background PID=6.6.	On Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30043

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind

Northing: 1124086.72

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 918489.40

Logging Company: Parsons

Attempts: 1

Mud Line: 360.5 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.2 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.4

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0187-12/OL-0285-15	8.4		SOLW	Top 15 inches is wet, medium stiff to soft, grayish-white, silt-like grains, little black fine sand, zebra mussels in top, 0.5 inch thick Solvay chunks at 5 inches and 14 inches. Rest of core is wet, soft, grayish-white, silt-like grains, trace fine sand, small pin-sized isolated NAPL globule at 20 inches, mothball odor.	Vibracore	
5 —	OL-0187-13/OL-0278-10	20.1		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor, green discoloration at 32 inches.	Vibracore	Solvay Waste
-	OL-0187-14/OL-0278-11	7.6		SOLW	0 to 32 inches is wet, soft, light-blue to grayish-blue, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, medium dense, gray, fine SAND and SILT, little shells, slight mothball odor, (MARL).	Vibracore	
10	OL-0187-15/OL-0285-16	34.4		ML	Wet, soft, dark gray to gray, SILT, some fine sand, little shells, trace organics, sulfur odor, (MARL).	Vibracore	
15 —	OL-0187-18/OL-0278-12	17.9		ML	Wet, soft, gray, SILT, little clay, little fine sand, little shells, trace organics, low plasticity, sulfur odor, (MARL).	Vibracore	Marl
19.4	OL-0187-17/OL-0285-17	13.1 Null field re	eadings indicate	CL called	Moist, soft, gray, CLAY and SILT, little fine sand to trace fine sand, trace organics, sulfur odor, (MARL).	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40016

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1127102.33

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 914737.09

Logging Company: Parsons

Attempts: 1

Mud Line: 334.3 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 28.8 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0192-17	0.1		ML	Wet, very soft, dark gray, SILT, trace clay.	Vibracore	
-	OL-0192-18/OL-0292-03	0.1		ML	Wet, very soft, grayish-brown to black, SILT, trace clay, trace organics.	Vibracore	
5 —	OL-0292-04	0.1		ML	Wet, very soft, black, SILT, little clay,low plasticity, trace organics.	Vibracore	Silt
-		0.2		ML	0 to 31 inches is wet, soft, black SILT, little clay, low plasticity, trace organics. Rest of core is moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (CL).	Vibracore	
10	OL-0287-02	1.3		CL	Moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (MARL).	Vibracore	
15 —	OL-0292-05	1.4		CL	Moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (MARL).	Vibracore	Marl
19.8	OL-0287-03	1.6	adings indicate	CL ca reading	Moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (MARL).	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40017

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126826.87

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 914439.87

Logging Company: Parsons

Attempts: 1

Mud Line: 339.2 Ft

Geologist: SARA CHMURA

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 23.7 Ft

Core Recovery Depth: 18.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0190-14	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor. Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
	OL-0190-15/OL-0287-04	0.1		ML	into dana, digiti petroleani inte dadi.	Vibracore	
5 —	OL-0292-06	0.0		ML	Wet, soft, dark-gray SILT, trace fine sand,slight petroleum-like odor.	Vibracore	Silt
	OL-0287-05	0.0		ML	Wet, soft, dark gray SILT, trace fine sand, organic odor.	Vibracore	
10	OL-0292-07	5.5		CL	Top 3 inches is moist, soft, dark gray SILT, trace fine sand, organic odor (ML). Rest of core is moist, medium stiff light brown clay and silt, moderate plasticity, sulfur odor, trace shells, marl.	Vibracore	Marl
14 _	L	L	L	L	L	L	L

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40017

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126826.87

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 914439.87

Logging Company: Parsons

Attempts: 1

Mud Line: 339.2 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 23.7 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.8

Ft ID (ppm) (mg/m3) Code Soil Description Method Stratum 14	Depth	Sample	PID	Mercury	USCS		Sample	
Core is moist, medium stiff light brown clay and silt, moderate plasticity, sulfur odor, trace shells, marl.	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
Core is moist, medium stiff light brown clay and silt, moderate plasticity, sulfur odor, trace shells, marl.								
Null field readings indicate a reading was not taken.	18.8	OL-0292-08			CL		Vibracore	Marl

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40018

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126806.64

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 914808.69 Mud Line: 338.6 Ft Logging Company: Parsons

Attempts: 1

Widd Lillo. 000.01 t

Geologist: SARA CHMURA Penetration Depth: 20.0 Depth Units: Ft

Surface Water Depth: 24.4 Ft

Core Recovery Depth: 18.6

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0192-07/OL-0286-04	0.0		ML	Wet, very soft, dark gray, SILT, little clay, trace organics, slight petroleum- like odor.	Vibracore	
5 +	OL-0192-08/OL-0292-09	0.1		ML	Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.	Vibracore	
- -	OL-0286-05	0.0		ML	Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum- like odor.	Vibracore	Silt
10 +	OL-0292-10	0.0		ML	Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum- like odor.	Vibracore	
15	OL-0292-11	0.1		CL	O to 14 inches is moist, soft, brown with black discoloration, CLAY, some silt, moderate plasticity, slight petrolum-like odor, rest of core is moist, medium stiff, brown with black organics discolorsation, CLAY, some silt, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
18.6	OL-0286-06	0.5 Null field re	adings indicate	CL e a readino	moist, medium stiff, brown with black organics discolorsation, CLAY, some silt, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40019

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126800.45

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 915144.12

Logging Company: Parsons

Attempts: 1

Mud Line: 339.0 Ft

Geologist: SARA CHMURA

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 24.0 Ft

Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0192-19	0.1		ML	Wet, very soft, grayish-brown, SILT, trace fine sand, trace organics.	Vibracore	
-	OL-0192-20/OL-0288-07	0.1		ML	Wet, soft, grayish-brown, SILT, little clay, black discoloration throughout, low plasticity, trace organics.	Vibracore	
5 —	OL-0279-05	0.1		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics, low plasticity.	Vibracore	
+	OL-0279-06	0.1		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics.	Vibracore	Silt
10 +	OL-0288-08	0.1		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics.	Vibracore	
	OL-0279-07	0.2		ML L	Wet, soft, dark gray, SILT, little clay, low plasticity, black discoloration throughout, trace organics.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40019

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126800.45

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 915144.12

Logging Company: Parsons

Attempts: 1

Mud Line: 339.0 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 24.0 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
15 —	OL-0279-07	0.2		ML	Wet, soft, dark gray, SILT, little clay, low plasticity, black discoloration throughout, trace organics.	Vibracore	
19.8	OL-0288-09	0.1		ML	Wet, soft, dark gray to black, SILT, little to some clay, trace organics, low to moderate plasticity.	Vibracore	Silt
19.8		Null field re	adings indicate	e a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40020

Date: 09/30/2006

Weather:

Northing: 1126854.21 Easting: 915622.11 Mud Line: 339.6 Ft Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA Total Depth: 19.8 Ft Water Elev: 363.2 Ft

Depth Units: Ft

Surface Water Depth: 23.6 Ft

Rig Type:

	,									
Depth	Recov	Sample	Blow	N	PID	Mercury	uscs		Sample	
Ft	Re	ID	Count	Value	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0							ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics.	Vibracore	
								Wet, soft, black to dark gray, SILT, little clay, trace organics.		
l †								inthe clay, trace organics.		
-							ML		Vibracore	
+										
								Wet, soft, dark gray to grayish brown, SILT, little clay, trace organics.		
+								brown, GILT, little clay, trace organics.		
5							ML			
								Wet, soft, dark gray to grayish brown, SILT, little clay, dark brown discoloration at 20 inches, 28 inches, 34.5 inches and 37 inches to end of core.	1	
								discoloration at 20 inches, 28 inches,		
								154.5 mones and 57 mones to end of core.		
Ī							ML			
İ										
10 +								Wet, soft, grayishbrown grading	1	
								Wet, soft, grayishbrown grading to dark gray, SILT, trace clay, black discoloration throughout bottom half of core.		
+								or core.		
							ML			
							<u> </u>	Wet,soft, dark gray with black discoloration, SILT, some clay, low to	1	
\perp							ML L	moderate plasticity.	1	
14 —		·						_	-	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40020

Date: 09/30/2006

Weather:

Northing: 1126854.21 Easting: 915622.11 Mud Line: 339.6 Ft Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA Total Depth: 19.8 Ft Water Elev: 363.2 Ft

Depth Units: Ft

Surface Water Depth: 23.6 Ft

Rig Type:

Depth	Recov	Sample	Blow	N	PID	Mercury	USCS		Sample	
Ft	Re	ID	Count	Value	(ppm)	(mg/m3)		Soil Description	Method	Stratum
15 —							ML	Wet,soft, dark gray with black discoloration, SILT, some clay, low to moderate plasticity.		
19.8							ML	Wet, soft, dark gray with black discoloration, SILT, some clay, low to moderate plasticity.		

Null field readings indicate a reading was not taken. Descriptions based on sample photos due to database error.

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40021

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1127043.26

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 915965.00

Logging Company: Parsons

valer Liev. 505.11

Mud Line: 334.2 Ft

Geologist: SARA CHMURA

Attempts: 1

WIGG EINO. 00-1.2 1 (

Depth Units: Ft

Surface Water Depth: 28.9 Ft	Penetration Depth: 20.0	Core Recovery Depth: 19.4
------------------------------	-------------------------	---------------------------

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0194-01	0.4		ML	Wet, very soft, brown to black, SILT, trace clay, trace organics.	Vibracore	
+	OL-0194-02/OL-0286-02	0.4		ML	Wet, soft, black and dark gray, SILT, trace clay, trace organics.	Vibracore	
5	- OL-0280-08	1.4		ML	Wet, soft, grayish brown and black, little clay, trace organics, low plasticity, trace fine angular gravel.	Vibracore	Silt
-	OL-0280-07	0.4		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	Silt
10 +	OL-0280-09	0.6		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	
14	OL-0286-03	0.6		CL	Moist, soft, black CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor.	Vibracore	Clay/Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40021

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1127043.26

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 915965.00

Logging Company: Parsons

Attempts: 1

Mud Line: 334.2 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 28.9 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.4

Ft ID (ppm) (mg/m3) Code Soil Description Method 14 15 OL-0286-03	Sample
trace fine sand, moderate plasticity, trace organics, organic odor.	Method Stratum
I	Vibracore
Moist, soft, black CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor. Wood slivers and fragments from 23.5 to 25.5 inches OL-0280-10 OL-0280	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40022

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126896.51

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 916606.40

Logging Company: Parsons

Attempts: 1

Mud Line: 341.8 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 21.2 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.4

Depth	Sample	PID	Mercury	uscs	i i	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0193-03	0.5		ML	Wet, very soft, black SILT, little clay, trace organics.	Vibracore	
-	OL-0193-04/OL-0288-05	0.5		ML	Wet, very soft, black and grayish-brown, SILT, little clay, low plasticity, trace organics.	Vibracore	
5 —	OL-0292-18	0.4		ML	Wet, soft, grayish brow SILT,little clay, trace organics, low plasticity.	Vibracore	Silt
-	OL-0292-19	0.4		ML	Wet, soft, grayish-brown to blac, SILT, little clay, low plasticity, trace organics.	Vibracore	Sin.
10 —	OL-0293-01	0.3		ML	Moist, soft, brown and black SILT, little to some clay, black fine sand seam 1/8 inch thick at 24 inches, trace shells, trace orgainics, low to moderate plasticity.	Vibracore	
	OL-0288-06	0.4		CL	Moist, soft to medium stiff, red-brown and black to brown SILT, little clay to some clay , modrate plasticity, trace shells.	Vibracore	Clay/Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40022

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126896.51

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 916606.40

Logging Company: Parsons

Attempts: 1

Mud Line: 341.8 Ft

Geologist: SARA CHMURA

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 21.2 Ft

Core Recovery Depth: 19.4

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
15 —	OL-0288-06	0.4		CL	Moist, soft to medium stiff, red-brown and black to brown SILT, little clay to some clay , modrate plasticity, trace shells.	Vibracore	
10.4	OL-0293-02	0.5		CL	Moist, medium stiff, brown CLAY and SILT, moderate plasticity, trace shells.	Vibracore	Clay/Silt
19.4		Null field se	adinas indicat		a was not taken		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40023

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1127090.23

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 916422.64

Logging Company: Parsons

Attempts: 1

Mud Line: 335.9 Ft

Geologist: SARA CHMURA

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 27.2 Ft

Core Recovery Depth: 19.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0194-10	0.7		ML	Wet, very soft, brown, SILT, trace clay, trace organics, decomposing plant odor. Wet, very soft, red-brown and black,	Vibracore	
-	OL-0194-11/OL-0279-16	0.7		ML	SILT, little clay, low plasticity, slight decomposing plant odor.	Vibracore	Silt
5 -	OL-0285-18	0.8		ML	Wet, soft, dark gray and black SILT, trace to little clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	Silt
+	OL-0279-17	0.7		ML	Wet, soft, black to dark brown SILT grading to clay and silt, low to moderate plasticity, slight sulfur odor (ML-CL).	Vibracore	
10 -	OL-0279-18	0.6		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	Marl
14	OL-0285-19	0.7		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40023

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1127090.23

Drilling Company: Ocean Survey Inc

Penetration Depth: 20.0

Water Elev: 363.1 Ft

Easting: 916422.64

Logging Company: Parsons

Attempts: 1

Mud Line: 335.9 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 27.2 Ft

Core Recovery Depth: 19.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
15 —	OL-0285-19	0.7		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	Mari
19.0	OL-0279-19	0.6		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	ividil

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40024

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126926.21

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 916606.40

Logging Company: Parsons

Attempts: 1

Mud Line: 340.7 Ft

Geologist: SARA CHMURA

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 22.3 Ft

Core Recovery Depth: 19.4

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0193-06	0.5		ML	Wet, soft, black, SILT, trace clay, low plasticity, trace organics.	Vibracore	
-	OL-0193-07/OL-0293-03	0.5		ML	Wet, very soft, black and dark gray, SILT, trace clay, low plasticity, very slight petroleum-like odor.	Vibracore	C:H
5	OL-0293-04	0.6		ML	Wet, soft, black SILT, trace clay, trace organics, low plasticity.	Vibracore	Silt
-	OL-0293-05	0.5		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	
10 -	OL-0293-06	0.5		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	Marl
14	OL-0293-07	0.6	L	CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40024

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126926.21

Easting: 916606.40

Surface Water Depth: 22.3 Ft

Mud Line: 340.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Core Recovery Depth: 19.4

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
15 —	OL-0293-07	0.6		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	
19.4	OL-0293-08	0.6		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	Marl

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40025

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126368.97

Easting: 914560.04

Mud Line: 349.0 Ft

Surface Water Depth: 14.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Core Recovery Depth: 19.8

	· ·			.			
Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0189-14/OL-0286-16	0.8		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics, ammonia-like odor.	Vibracore	
5 +	OL-0189-15/OL-0279-20	0.5		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics, ammonia-like odor.	Vibracore	
-	OL-0189-16/OL-0280-01	0.5		ML	Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity, ammonia-like odor.	Vibracore	Silt
10 +	OL-0286-17	0.4		ML	Wet, soft, dark-gray SILT, little clay, trace organics, low plasticity.	Vibracore	
15 —	OL-0280-02	0.2		ML	Wet, soft, dark-gray SILT, little clay, trace organics, low plasticity.	Vibracore	
-	OL-0286-18	0.1		ML	0-32 is wet, soft dark-gray to black SILT, little clay, little plasticity, rest of core is moist, medium stiff, brown CLAY, some silt, trace shells, moderate plasticity, sulfur odor, marl (CL).	Vibracore	Marl
19.8		Null field re	L eadings indicate	e a reading] was not taken.	1	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40026

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126562.65

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 914761.62

Logging Company: Parsons

Attempts: 1

Mud Line: 346.7 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 16.3 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	uscs	1	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0192-10/OL-0291-19	0.2		ML	Wet, soft, gray, SILT, little to trace clay, trace organics, sulfur odor, decomposing plant odor, low plasticity.	Vibracore	
5 +	OL-0192-11/OL-0287-15	0.1		ML	Wet, soft, gray, SILT, little to trace clay, trace organics, sulfur odor, decomposing plant odor, low plasticity.	Vibracore	
-	OL-0192-12/OL-0291-20	0.0		ML	Wet, very soft to soft, grayish-white to dark gray, SILT, little to trace clay, trace organics, slight sulfur odor and slight decomposing plant odor.	Vibracore	0:#
10 +	OL-0287-16	0.1		ML	Wet, soft, dark gray to black, SILT, little to trace clay, decomposing plant odor, low plasticity.	Vibracore	Silt
15 —	OL-0292-01	0.2		ML	Wet, soft, dark gray to black, SILT, little clay to some clay, trace organics, low to moderate plasticity, decomposing plant odor.	Vibracore	
19.8	OL-0292-02	0.1	adings indicate	ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40027

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126610.36

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 915097.85

Logging Company: Parsons

Attempts: 1

Mud Line: 349.2 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 13.7 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.7

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0192-13/OL-0287-12	0.2		ML	Wet, very soft, dark gray to black, SILT, little to trace clay, trace wood fragments, decomposing plant odor, organic seam from 14 to 17 inches.	Vibracore	
5 —	OL-0192-14/OL-0291-16	0.1		ML	Wet, soft, gray, SILT, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.	Vibracore	
-	OL-0192-16/OL-0287-13	0.6		ML	Wet, soft, gray, SILT, trace fine sand, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.	Vibracore	Silt
10 +	OL-0291-17	0.2		ML	Wet, soft, gray, SILT, trace fine sand, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.	Vibracore	- One
15 —	OL-0291-18	0.6		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.	Vibracore	
19.7	OL-0287-14	0.1	adings indicate	ML a reading	Wet, soft, dark gray and black SILT, some clay, moderate to low plasticity, trace organics.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40028

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126632.14

Easting: 915545.93

Mud Line: 349.1 Ft

Surface Water Depth: 13.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA Penetration Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft ID Blow Count Consist. Code Soil Description Sample Method Stratum Col. 0194-12 Col. 0194-12 Col. 0194-13 Col. 0194-14 Col. 0194-15 Col. 0194-16 Co	Surface	Water Depth: 13.9	Ft Pen	netration De	epth: 20	.0 Core Recovery Depth: 19.8		
OL-0194-12 ML Wet, soft, grayish-brown to dark brown, SILT, little clay, moderate plasticity, black discoloration throughout. Wet, soft, dark brown with black discoloration, SILT, little clay, low to moderate plasticity. Wet, soft, dark brown, SILT, little clay, low to moderate plasticity. Wet, soft, dark prown, SILT, little clay, low to moderate plasticity. Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity. Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity. Wet, soft, dark gray SILT, little clay, low plasticity.			Blow Count	Consist.			1 '	Stratum
ML OL-0194-13 ML Wet, soft, dark brown with black discoloration, SILT, little clay, low to moderate plasticity. Wet, soft, dark brown, SILT, little clay, low to moderate plasticity. Wet, soft, dark brown, SILT, little clay, low to moderate plasticity. ML Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity. Wet, soft, dark gray SILT, little clay, moderate to low plasticity. Wet, soft, dark gray SILT, little clay, little clay, little clay, little organics, low plasticity.	0	OL-0194-12			ML	Wet, soft, grayish-brown, SILT, little clay, low plasticity, black discoloration throughout.	Vibracore	
OL-0194-14 ML Wet, soft, dark brown, SILT, little clay, low to moderate plasticity. ML Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity. Wet, soft, dark gray SILT, little clay, moderate to low plasticity. Wet, soft, dark gray SILT, little clay, moderate to low plasticity.	5 +	OL-0194-13			ML	Wet, soft, grayish-brown to dark brown, SILT, little clay, moderate plasticity, black discoloration throughout.	Vibracore	
Wet, soft, dark brown, SILT, little clay, low to moderate plasticity. ML Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity. ML Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity. Wet, soft, dark gray SILT, little clay, little organics, low plasticity.	+	OL-0194-14			ML	Wet, soft, dark brown with black discoloration, SILT, little clay, low to moderate plasticity.	Vibracore	C:ls
ML Vibracore Wet, soft, dark gray SILT, little clay, little organics, low plasticity.	10 +				ML	Wet, soft, dark brown, SILT, little clay, low to moderate plasticity.	Vibracore	Silt
	15 +				ML	Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity.	Vibracore	
19.8 Null field readings indicate a reading was not taken.	19.8	OL-0280-06					Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40029

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1126698.09

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 915807.54

Logging Company: Parsons

Attempts: 1

Mud Line: 345.5 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 17.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.9

Depth	Sample	PID	Mercury	uscs	1	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0193-08/OL-0293-09	0.6		ML	Wet, soft, black to grayish-brown, SILT, trace clay, trace organics, little plasticity.	Vibracore	
5 +	OL-0193-09/OL-0288-04	0.6		ML	Wet, soft, grayish-brown, SILT, little clay, low plasticity, trace organics.	Vibracore	
-	OL-0193-10	0.6		ML	Wet, soft, grayish-brown and black, SILT, little clay, little plasticity. Geotech sample accidentally discarded.	Vibracore	Silt
10	OL-0288-03	0.5		ML	Wet, soft, dark gray SILT, little clay, trace organics.	Vibracore	
15 —	OL-0293-10	0.5		ML	Wet, soft, dark-gray to black SILT, little clay, low plasticity, trace large wood fragments.	Vibracore	
18.9	OL-0293-11	0.7	eadings indicate	ML a reading	Wet , soft, dark-gray SILT, little clay, low plasticity, trace organics, peotroleum-like odor.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40030

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds

Northing: 1126360.54

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 916186.06

Logging Company: Parsons

Attempts: 3

Mud Line: 353.3 Ft

Geologist: SARA CHMURA Penetration Depth: 16.0 Depth Units: Ft

Surface Water Depth: 9.4 Ft

Core Recovery Depth: 14.3

Sample	PID	Mercury	uscs		Sample	
ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
OL-0189-01/OL-0278-13	0.0		ML	Wet, very soft, dark gray, SILT, little to trace clay, trace organics, low plasticity.	Vibracore	
OL-0189-02/OL-0278-14	0.0		ML	like odor, low plasticity.	Vibracore	Silt
OL-0189-03/OL-0278-15	0.0		ML	0 to 34 inches is wet, soft, dark gray, SILT, little clay, low plasticity, organic odor. Rest of core is wet, soft, gray, SILT and fine SAND, trace clay, some shells, slight sulfur odor (SM).	Vibracore	
OL-0287-07	0.0		ML	Wet, soft, gray SILT and FINE SAND, clay seam from 13 inches to 17 inches and 30 inches, 33 inches, some shells, some organics, wood fragments throughout, organic odor.	Vibracore	Silt/fine sand
OL-0278-16	0.0 Null field re	eadings indicate	ML e a readino	Wet, soft, gray SILT and FINE SAND, 0.5 inch clay seams throughout, some shells, some organics, wood fragments throughout, organic odor.	Vibracore	
	OL-0189-01/OL-0278-13 OL-0189-02/OL-0278-14 OL-0189-03/OL-0278-15	OL-0189-01/OL-0278-13	OL-0189-02/OL-0278-13	OL-0189-03/OL-0278-15 OL-0278-16 OL-0278-16 OL-0189-03/OL-0278-16 OL-0278-16 OL-0189-03/OL-0278-16 OL-0278-16 OL-0189-03/OL-0278-16 D	ID	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40031

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1126674.80

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 916265.93

Logging Company: Parsons

Attempts: 2

Mud Line: 348.9 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 14.2 Ft

Penetration Depth: 20.0 Core Recovery Depth: 13.1

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 +	OL-0193-11/OL-0287-19	0.6		ML	Wet, very soft to soft dark gray, SILT, little clay to trace clay, low plasticity, trace organics, slight petroleum- like odor.	Vibracore	
5 -	OL-0193-12/OL-0293-12	0.6		ML	Wet, soft, dark gray, SILT, little fine sand, some organics, trace clay, trace shells, fine sand and shell seam from 18 inches to 21 inches and 35 to 36 inches.	Vibracore	Silt/fine sand
+	OL-0193-13/OL-0287-20	0.6		Pt	Moist, soft to medium stiff, grayish-brown, SILT, little fine sand, little to trace clay, some shells, some wood fragments from 17 inches to bottom of core, organic odor.	Vibracore	
10 +	OL-0293-13	0.6		Pt	0-28 inches: moist, soft to medium stiff, grayish-brown SILT, little fine sand, little to trace clay, some shells, some wood fragments from 17 inches to bottom of core, organic odor. 28 to bottom of the core is moist, stiff, brown CLAY, some silt, trace shells, slight sulfur	Vibracore	
13.1		No. II 6-11			odor, high plasticity (CL).		Clay

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40032

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1126701.78

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 916692.97 Mud Line: 345.8 Ft Logging Company: Parsons

Attempts: 1

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 17.2 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.7

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0193-14/OL-0285-20	0.6		ML	Wet, soft, black to gray, SILT, trace clay, trace organics, low plasticity, slight petroleum-like odor.	Vibracore	SILT
5 +	OL-0193-15/OL-0278-19	0.7		SOLW	0 to 31 inches is wet, soft, grayish-blue, silt-like grains, trace fine sand, trace organics, slight mothball odor. Rest of core is black to grayish-brown, CLAY, some silt, trace shells, slight sulfur odor, moderate plasticity, MARL (CL).	Vibracore	SOLVAY WASTE
- - -	OL-0193-16/OL-0278-20	0.6		CL	Moist, medium stiff, red-brown, CLAY, some silt, trace shells, high plasticity to moderate plasticity, sulfur odor, (MARL).	Vibracore	
10	OL-0286-01	0.6		CL	Moist, medium stiff, red-brown CLAY, some silt, trace shells, high plasticity to moderate plasticiyt, sulfur odor, marl.	Vibracore	Marl
15	OL-0279-01	0.6		CL	Moist, stiff, brown CLAY, little silt, trace organics, trace shells, slight decomposing odor, high plasticity.	Vibracore	
18.7	OL-0279-02	0.6	adings indicate	CL	Moist, stiff, brown CLAY, little silt, high plasticity, trace shells, slight sulfur odor, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40033

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126582.81

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 914154.83 Mud Line: 360.1 Ft

Logging Company: Parsons Geologist: SARA CHMURA

Attempts: 2 Depth Units: Ft

Surface Water Depth: 2.9 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth Sample PID (ppm) (mg/m3) Code Soil Description Sample Method Stratum Top 2 inches is wet, medium loose, fine SAND, some oncolites, 2 inches to the rest of one are wet, soft to loose, gray slit, some fine sand, some oncolites, sulfur odor, fine SAND, some oncolites, sulfur odor, fine SAND, trace shells, sulfur odor, (MARL). Wet, soft, gray, SILT, some fine sand, some oncolites, trace shells, sulfur odor, (MARL). Wet, soft to medium stiff, gray, SILT and fine SAND, trace shells, slight sulfur odor, (MARL). Wet, soft to medium stiff, gray, SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches. Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches. Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches. Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches. Wet soft, gray SILT and fine SAND, organic seam at 12 inches, organic door. ML Oc. 0191 4400, 4885-17 0.1 Witracore Wet soft, gray SILT and fine SAND, organic seam at 12 inches, organic door. Wet soft, gray SILT and fine SAND, organic seam at 12 inches, organic door. Wet soft, gray SILT and fine SAND, organic seam at 12 inches, organic door. Wet soft, gray SILT and fine SAND, organic seam at 12 inches, organic door. Wet soft, gray SILT and fine SAND, organic seam at 12 inches, organic door. Vibracore		·			<u>. </u>			
Top 2 inches is wet, medium loose fire SAND, some oncolites, 2 inches to the SAND, some oncolites, 2 inches to the SAND, some oncolites, 2 inches to the SAND, some oncolites, 3 inches to the SAND, and a some oncolites, 3 inches to the SAND, and a some oncolites, 3 inches to the SAND, and a some oncolites, 3 inches to the SAND, and a some oncolites, 3 inches to the SAND, and a some oncolites, 3 inches and 3 inches and 3 inches and 3 inches and 27 inches. Wet, soft to medium stiff, gray, 3 inches and 3 inches, organic odor. Wet, medium stiff to soft, light gray to gray, 5 inches. Wet, medium stiff to soft, light gray to gray, 5 inches and 3 inches and 27 inches. Wet, soft, gray SILT and fine SAND, organic seams at 19 inches and 27 inches. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor. Wet soft, gray SILT and fine SAND, organic seams at 12 inches, organic odor.	Depth	Sample	PID	Mercury	uscs		Sample	
The same of the	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
Odor, (MARL). Wet, soft to medium stiff, gray, SiLT and fine SAND, trace shells, slight sulfur odor (MARL). Wet, soft to medium stiff, gray, SiLT and fine SAND, trace shells, slight sulfur odor (MARL). Wet, medium stiff to soft, light gray to gray SiLT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches. Wet, soft to medium stiff, gray, SiLT and fine SAND, organic seam at 12 inches, and fine SAND, organic seam at 12 inches and 27 inches. Wet, soft, gray SiLT and fine SAND, organic seam at 12 inches, organic odor. ML Ot 38 inches wet, soft, gray, SiLT, some fine sand. Rest of core is wet, medium stiff, gray, SiLT, ittle fine sand, some clay, low plasticity. Vibracore	0 +	OL-0191-01/OL-0293-14	5.1		ML	fine SAND, some oncolites. 2 inches to the rest of core are wet, soft to loose, gray silt, some fine sand, some oncolites, sulfur odor, trace shells, (MARL).	Vibracore	
Sulfur odor (MARL). Wet, medium stiff to soft, light gray to gray, SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches. Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, organic odor. Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, organic odor. In the sand of the sand	5 +	OL-0191-02/OL-0287-17	0.8		ML	Wet, soft, gray, SILT, some fine sand, some oncolites, trace shells, sulfur odor, (MARL).	Vibracore	Marl
OL-0191-04/OL-0293-16 OL-0191-04/OL-0293-16 OL-0191-04/OL-0293-16 OL-0191-04/OL-0293-17 -	OL-0191-03/OL-0293-15	0.5		ML	sulfur odor (MARL).	Vibracore		
OL-0191-05/OL-0293-16 OL-0191-05/OL-0293-16 OL-0191-05/OL-0293-17 OL-0191-06/OL-0293-17 10	OL-0191-04/OL-0287-18	0.0		ML	Wet, medium stiff to soft, light gray to gray, SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches.	Vibracore		
OL-0191-08/OL-0293-17	15 —	OL-0191-05/OL-0293-16	0.1		ML		Vibracore	Silt/fine sand
Null field readings indicate a reading was not taken.	19.8	OL-0191-06/OL-0293-17		andings indicate			Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40034

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126271.93

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 914342.16

Logging Company: Parsons

Attempts: 1

Mud Line: 360.2 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.7 Ft

Penetration Depth: 19.7 Core Recovery Depth: 17.8

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0192-01/OL-0293-18	1.2		ML	Wet, soft, gray, SILT, some fine sand, trace clay, low plasticity, top 4 inches is black, fine SAND and GRAVEL, trace shells, some oncolites, sulfur odor, (MARL).	Vibracore	
5 +	OL-0192-02/OL-0287-08	0.8		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, little oncolites, sulfur odor, (MARL).	Vibracore	
-	OL-0192-03/OL-0293-19	0.4		ML	Wet, soft, gray, SILT, some fine sand, little clay, low plasticity, trace shells, sulfur odor, (MARL).	Vibracore	Marl
10 +	OL-0192-04/OL-0293-20	0.2		ML	Wet, soft, dark gray to grayish-brown, SILT, little clay, trace fine sand, tan fine sand seam at 14 inches, from 27 to 29 inches is low plasticity, trace shells, slight sulfur odor.	Vibracore	
15 —	OL-0192-05/OL-0287-09	0.1		ML	Wet, soft, grayish-brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor, trace shells, (MARL).	Vibracore	
17.8	OL-0192-06/OL-0294-01	0.1		ML	Wet, soft, grayish-brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor, trace shells, (MARL).	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40035

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds

Northing: 1125978.20

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 914699.00

Logging Company: Parsons

Attempts: 1

Mud Line: 360.3 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

ID	(ppm)	(ma/m2)	١	Soil Description	ایین ا	Stratum
	(11 /	(mg/m3)	Code	·	Method	Stratum
OL-0188-01/OL-0280-11	0.0		ML	Wet, very soft, dark gray SILT, little to trace clay, organic odor.	Vibracore	Silt
OL-0188-02/OL-0280-12	0.8			(WARL).	Vibracore	
OL-0188-03/OL-0287-06	6.5			(WARL).	Vibracore	
OL-0188-05/OL-0280-13	3.6			(WARL).	Vibracore	Marl
OL-0188-06/OL-0280-14	10.5				Vibracore	
OL-0188-07/OL-0280-15	4.8	adings indicate			Vibracore	
	OL-0188-02/OL-0280-12 OL-0188-03/OL-0287-06 OL-0188-05/OL-0280-13	OL-0188-02/OL-0280-12	OL-0188-02/OL-0280-12 OL-0188-03/OL-0287-06 OL-0188-05/OL-0280-13 OL-0188-06/OL-0280-14 OL-0188-07/OL-0280-15 4.8	OL-0188-02/OL-0280-12	OLO188-03/OL-0280-11 OLO188-03/OL-0280-12 OLO188-03/OL-0280-12 OLO188-03/OL-0280-13 OLO188-03/OL-0280-14 OLO186-09/OL-0280-11 0.0 ML Ot 11 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, dark gray SILT, little clay, trace shells, sulfur odor, (MARL). OLO186-09/OL-0280-13 3.6 ML ML fine sand, trace shells, sulfur odor, (MARL). OLO186-09/OL-0280-13 3.6 ML fine sand, trace shells, sulfur odor, (MARL). OLO188-09/OL-0280-14 10.5 ML fine sand, trace shells, sulfur odor, (MARL). OLO188-09/OL-0280-14 10.5 ML fine sand, trace shells, sulfur odor, (MARL). OLO188-09/OL-0280-15 4.8 ML fine sand, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft,	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40036

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Northing: 1126012.57

Drilling Company: Ocean Survey Inc

Water Elev: 363.0 Ft

Easting: 914971.57 Mud Line: 357.6 Ft

Logging Company: Parsons Geologist: SARA CHMURA

Attempts: 1 Depth Units: Ft

Surface Water Depth: 5.4 Ft

Penetration Depth: 20.0 Core Recovery Depth: 17.3

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 +	OL-0190-01/OL-0280-03	1.7		ML	Top 4 inches is wet, loose, black fine SAND and GRAVEL. Rest of core wet, very soft, dark gray, SILT, little to trace of clay, low plasticity, black fine sand seam at 9 inches, 19 inches and 37 inches. petroleum-like odor.	Vibracore	
5 +	OL-0190-03/OL-0288-19	1.8		ML	Wet, soft, dark gray, SILT, little fine sand in top half core, trace to little clay trace shells, black fine sand seam at 28 inches, low plasticity. Trace organics.	Vibracore	Silt
+	OL-0190-04/OL-0280-04	0.0		ML	0 to 28 inches is wet, soft, dark gray SILT, little clay, trace fine sand. Rest of core is wet, loose, dark gray, well sorted, fine SAND, trace fine gravel, little shells, trace organics (SM).	Vibracore	fine Sand
10 +	OL-0190-05/OL-0280-05	0.0		ML	0 to 10 inches is wet, very soft, dark gray, SILT, little fine sand, trace clay, trace organics, 10 inches to 24 inches is wet, loose, black well sorted, fine grain sand, trace wood fragments, trace silt, slight sulfur odor, trace shells, rest of core is wet.	Vibracore	
15 +	OL-0190-06/OL-0286-20	0.0		SM	0 to 12 inches is wet, soft, gray, SILT, trace fine sand, 12 to 33 inches is wet, dense, black, well sorted SAND. Some oncolites, trace shells, trace organics Rest of core is wet, soft, black, SILT, little fine sand.	Vibracore	Silt/fine sand
17.3	OL-0190-07/OL-0287-01	0.0		ML 	Wet, soft black SILT, little fine sand, trace organics. was not taken.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40037

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1126276.44

Drilling Company: Ocean Survey Inc

Water Elev: 363.1 Ft

Easting: 915058.26

Logging Company: Parsons

Attempts: 1

Mud Line: 359.7 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 3.4 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	uscs	1	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 +	OL-0194-03/OL-0286-07	0.6		SOLW	Wet, very soft, gray to grayish-white, silt-like grains, trace fine sand, gray sand in shell seams from 22 to 25 inches, moth ball odor.	Vibracore	
5 +	OL-0194-04/OL-0279-03	1.5		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, 1/8 inch thick black fine sand lens at 32 and 46 inches, mothball odor.	Vibracore	Solvay Waste
+	OL-0194-06/OL-0286-08	1.5		SOLW	Wet, soft, grayish-white to dark gray, silt-like grains grading to SILT, little clay in bottom half of core, low plasticity, mothball odor, slight decomposing plant odor (ML).	Vibracore	
10 +	OL-0194-07	0.8		ML	Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.	Vibracore	
15 —	OL-0194-08/OL-0279-04	1.0		ML	Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.	Vibracore	Silt
19.8	OL-0194-09/OL-0288-09	0.9		ML	Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor. Black fine sand seams less than 1-inch thick from 7 inches to 9.5 inches.	Vibracore	
10.0		Null field re	adings indicate	a reading	g was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40038

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds

Northing: 1125835.82

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 915146.10

Logging Company: Parsons

Attempts: 1

Mud Line: 361.2 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 1.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	uscs	1	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0188-08/OL-0286-10	1.3		ML	0 to 21 inches is wet, soft, black, SILT, little clay, little fine sand, organic odor. Rest of core is wet, soft, gray, SILT, little fine sand, trace clay, trace shells, some oncolites, sulfur odor, (MARL).	Vibracore	
5 +	OL-0188-09/OL-0280-16	3.4		ML	0 to 20 inches wet, soft, gray, SILT, little fine sand, some oncolites, trace shells. Rest of core wet, soft, gray, SILT, trace clay, trace shells, little fine sand, sulfur odor, (MARL).	Vibracore	
-	OL-0188-10/OL-0286-11	1.0		ML	Wet, soft, gray, SILT and FINE SAND, shells throughout, (MARL), sulfur odor.	Vibracore	Mad
10	OL-0188-11/OL-0280-17	2.9		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL).	Vibracore	Marl
15 —	OL-0188-12/OL-0280-18	3.9		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.	Vibracore	
19.8	OL-0188-13/OL-0286-12	0.6 Null field re	eadings indicate	ML e a reading	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40039

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds

Northing: 1126343.52

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 915408.88 Mud Line: 360.2 Ft Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1

Geologist. SAIVA CI IIVICIV

Depth Units: Ft

Surface Water Depth: 2.4 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.9

Depth	Sample	PID	Mercury	uscs	T	Sample	
Ft	ID		1	Code	Soil Description	Method	Stratum
0	ID	(ppm)	(mg/m3)	Code	O to 17 inches is wet soft black SILT	Metriou	
-	OL-0189-05/OL-0279-08	0.0		ML	land fine SAND, some wood fragments, trace shells (SM)). Rest of core is wet, very soft, dark gray SILT, trace fine sand, bottom 3 inches is black fine sand.	Vibracore	Silt/fine sand
5 +	OL-0189-06/OL-0288-01	0.0		ML	Wet, very soft, dark gray, SILT, little clay, trace fine sand, black organics at 7.5 inches trace wood fragments.	Vibracore	
- - -	OL-0189-07/OL-0279-09	0.0		ML	Wet, soft, dark gray, SILT, little clay, trace fine sand, bottom 8 inches has little to some clay, trace organics, low plasticity.	Vibracore	
10 -	OL-0189-08/OL-0288-02	0.2		ML	Wet, soft, dark gray, SILT, little to some clay, trace fine sand, low to moderate plasticity, slight petroleum-like odor.	Vibracore	Silt
15 —	OL-0189-09/OL-0279-10	0.6		ML	Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity.	Vibracore	
19.8	OL-0189-10/OL-0279-11	0.6		ML	Wet, soft, dark gray, SILT, little clay, 1/8 of inch thick fine sand seam at 12 inches and 28 inches, low plasticity.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40040

Date: 09/29/2006

Weather: 51 degrees F, 11 mph wind, slight drizzle

Core Recovery Depth: 19.8

Northing: 1125964.16

04.10

Easting: 915413.80 Mud Line: 359.5 Ft

Surface Water Depth: 3.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Penetration Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Ouriace	water Deptil. 3.3 i	t rei	ietration De	pui. 20	.o Cole Necovery Deptil. 19.0		
Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0190-08/OL-0292-12	0.0		ML	Wet, soft, gray to dark gray, SILT, trace fine sand, wood fragments in top 1 inch, slight petroleum-like odor.	Vibracore	
5 -	OL-0190-09/OL-0292-13	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
-	OL-0190-10/OL-0292-14	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	C'in
10 +	OL-0190-11/OL-0292-15	0.2		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	Silt
15 —	OL-0190-12/OL-0292-16	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	
19.8	OL-0190-13/OL-0292-17	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	
19.0		Null field re	adinas indicate	e a reading	was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40041

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds

Core Recovery Depth: 19.3

Northing: 1125806.35

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 915733.76

Logging Company: Parsons

Attempts: 1

Mud Line: 360.3 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.4 Ft

Penetration Depth: 20.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0188-14/OL-0286-13	0.0		ML	0 to 17 inches is wet, soft, black, SILT, little clay, trace fine sand, organic odor, low plasticity. Rest of core is wet, soft, gray silt and fine sand, some oncolite, trace shells, oncolites, sulfur odor, (MARL).	Vibracore	
5 +	OL-0188-15/OL-0278-17	0.0		ML	Wet, soft, gray SILT, some fine sand, trace clay, little oncolites, slight sulfur odor, trace shells, (MARL).	Vibracore	Marl
-	OL-0188-16/OL-0286-14	0.2		ML	Wet, soft, gray SILT, little clay, little fine sand, moderate plasticity, trace shells, slight sulfur odor, (MARL).	Vibracore	
10 +	OL-0188-17/OL-0278-18	0.2		ML	0 to 31 inches wet, soft, gray SILT, little clay, little fine sand, trace shells. Rest of core is wet, soft, fine well sorted SAND, some SILT, trace organics, trace clay in very bottom (SM).	Vibracore	Silt
15	OL-0188-18	0.1		ML	Wet, soft, dark gray SILT and CLAY, trace fine sand, trace organics, trace shells in upper half of core, organic odor.	Vibracore	Sand Silt/Clay
19.3	OL-0188-19/OL-0286-15	0.4	adings indicate	CL ca reading	Moist, soft, dark gray SILT and CLAY, trace fine sand, moderate plasticity, trace shells, fine sand seam from 20 inches to 21.5 inches.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40042

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds

Northing: 1126190.73

Easting: 916397.20

Mud Line: 357.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: SARA CHMURA

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Surface	Water Depth: 4.7 F	t Per	netration De	epth: 20	.0 Core Recovery Depth: 20.0		
Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0189-11/OL-0279-12	2.8		ML	Wet, soft, grayish-brown, SILT and CLAY, trace fine sand, some shells, moderate plasticity, some organics, brown fine grained sand seam from 29 to 30 inches and 32 inches to 34 inches, sulfur odor.	Vibracore	
5 —	OL-0189-12/OL-0287-10	4.6		ML	Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams 1/8 inch thick at 18 inches, 22 inches, 31 inches and 46 inches, trace wood fragments, decomposing plant matter odor.	Vibracore	
-	OL-0189-13/OL-0279-13	3.3		ML	Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams throughout, trace wood fragments, decomposing plant matter odor.	Vibracore	Silt/Clay
10 +	OL-0279-14	3.7		ML	Wet, medium stiff, grayish-brown SILT and CLAY, trace fine sand, little organics, white brown fine sand seams throughout, trace wood fragments, decomposing plant matter odor.	Vibracore	
15 —	OL-0287-11	1.7		CL	Moist, medium stiff, grayish-brown clay, some silt, trace shells, orgaic matter seam from 12 to 15 inches, decomposing plant matter odor.Moderate plasticity.	Vibracore	Clavi
19.8	OL-0279-15	0.8	andings indicate	CL CL	Moist, medium stiff, grayish-brown clay, some silt, trace shells, orgaic matter seam from 2.5 to 5 inches, 8-11 inches, 16 to 21 inches, decomposing plant matter odor. Moderate plasticity.	Vibracore	Clay

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50001

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1128241.64

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 913243.60

Logging Company: Parsons

Attempts: 1

Mud Line: 338.1 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 24.7 Ft

Penetration Depth: 2.5 Core Recovery Depth: 2.5

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-09/OL-0282-03	11.4		l sm	Moist, loose, dark grayish-brown fine sand, little silts, trace shells, sulfur odor (MARL).	Vibracore	Marl

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50002

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1128207.90

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 913210.40

Logging Company: Parsons

Mud Line: 348.9 Ft

Geologist: HILLARY SLETTEN

Attempts: 1

Surface Water Depth: 13.8 Ft

Penetration Depth: 2.0

Core Recovery Depth: 1.5

Depth Units: Ft

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-10/OL-0273-16	2.9		SM	Moist, loose dark grayish-brown, fine SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	fine Sand

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Honeywell

PID

(ppm)

10.2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50003

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1133033.99

Drilling Company: Ocean Survey Inc

USCS

Code

SM

Water Elev: 362.8 Ft

Easting: 910699.73

Logging Company: Parsons

Attempts: 1

Mud Line: 358.5 Ft

Geologist: HILLARY SLETTEN

Mercury

(mg/m3)

Depth Units: Ft

Surface Water Depth: 4.3 Ft

Sample

ID

OL-0204-01/OL-0273-17

Penetration Depth: 2.5 Core Recovery Depth: 2.5

_			
6		Sample	
	Soil Description	Method	Stratum
	Wet, soft, dark gray, fine SAND, some silt, some organics, trace shells, slight sulfur odor, decomposing plant odor, trace onocolites.	Vibracore	fine Sand

0.5

Depth

Ft

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Honeywell

PID

(ppm)

0.3

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50004

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1133038.05

Drilling Company: Ocean Survey Inc

USCS

Code

Water Elev: 362.8 Ft

Easting: 910750.95

Logging Company: Parsons

Attempts: 1

fine Sand

Mud Line: 357.6 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Vibracore

Surface Water Depth: 5.2 Ft

Sample

ID

OL-0204-02/OL-0282-04

Penetration Depth: 3.0 Core Recovery Depth: 3.0

	Sample	
Soil Description	Method	Stratum

0.5

Depth Ft

> Moist, soft, fine SAND, trace silt, little shells, trace organics, little oncolites in last 0.5 inch, sulfur odor Null field readings indicate a reading was not taken.

Mercury

(mg/m3)

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50005

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1133038.22

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 910790.26

Logging Company: Parsons

Attempts: 1

Mud Line: 356.4 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 6.4 Ft

Penetration Depth: 2.5 Core Recovery Depth: 2.5

L								
I	Depth	Sample	PID	Mercury	USCS		Sample	
I	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
	0.5	OL-0204-03/OL-0282-05	1.1		ML	0 to 3 inches is wet, soft, dark gray fine SAND, little silt, some organics, some oncolites, trace shells, Rest of core is wet, soft, light gray, SILT, some fine sand, trace clay, trace shells, slight sulfur and decomposing plant odor (MARL).	Vibracore	Marl
	0.5		Mind Calaba	and the second second second		4 4 - 1		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50006

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132988.18

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 910702.53

Logging Company: Parsons

Attempts: 1

Mud Line: 358.8 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 4.0 Ft

Penetration Depth: 2.7 Core Recovery Depth: 2.5

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-04/OL-0273-18	0.0		SM	Wet, soft, dark gray, fine SAND, little silt, trace shells, slight sulfur and decomposing plant odor.	Vibracore	fine Sand

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50007

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132921.58

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 910585.52

Logging Company: Parsons

Attempts: 1

Mud Line: 359.5 Ft

Geologist: HILLARY SLETTEN

Surface Water Depth: 3.3 Ft

Penetration Depth: 2.5 Core Recovery Depth: 2.5 Depth Units: Ft

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-05/OL-0282-06	6.6		ML	Wet, soft, dark gray, fine SAND grading to silt, some fine sand, trace organics, trace to little shells, slight sulfur and decomposing plant odor.	Vibracore	fine Sand

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50008

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132937.02

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 910702.23

Logging Company: Parsons

Attempts: 1

Mud Line: 359.1 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 3.7 Ft

Penetration Depth: 2.0 Core Recovery Depth: 2.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-06/OL-0282-07	0.4		ML	Top 2 inches is wet, soft, dark grayish-brown fine SAND, little silt, trace shells, slight sulfur odor. Rest of core is wet, soft, light brown, SILT, little fine sand, trace shells, slight sulfur odor (MARL).) Vibracore	Marl
0.5	0.5 Null field readings indicate a reading was not taken						

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50009

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132922.96

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 910788.50

Logging Company: Parsons

Attempts: 1

Mud Line: 358.0 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 4.8 Ft

Penetration Depth: 2.8 Core Recovery Depth: 2.8

	_						
Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-07/OL-0282-08	1.3		SM	Moist, loose, dark gray, fine SAND, trace silt, little shells, trace organics, slight sulfur odor.	Vibracore	Marl
0.5	0.5 Null field readings indicate a reading was not taken						

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50010

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132867.98

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 910706.90

Logging Company: Parsons

Attempts: 1

Mud Line: 360.0 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 2.8 Ft

Penetration Depth: 2.5 Core Recovery Depth: 2.3

Depth	n Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-08/OL-0273-19	0.0			Wet, dense, dark gray to black, well sorted SAND and coarse GRAVEL, trace shells.	Vibracore	Sand
0.5	0.5 Null field readings indicate a reading was not taken						

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50011

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134380.93

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 913456.00

Logging Company: Parsons

Attempts: 1

Mud Line: 336.7 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 26.0 Ft

Penetration Depth: 2.0 Core Recovery Depth: 1.9

					I I		
Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-15/OL-0273-20	1.1		ML	Wet, soft dark gray, SILT, some fine sand, trace clay, trace shells, sulfur odor (MARL).	Vibracore	Marl
0.5	0.5 Null field readings indicate a reading was not taken.						

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50012

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134354.89 Easting: 913413.37 Mud Line: 335.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Attempts: 1

Geologist: HILLARY SLETTEN

Depth Units: Ft

Water Elev: 362.7 Ft

Surface Water Depth: 27.2 Ft

Penetration Depth: 3.0 Core Recovery Depth: 3.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-16	0.2		ML	Wet, soft, olive gray, SILT, trace fine sand, trace clay, trace organics.	Vibracore	Silt
0.5		Null field re	adings indicate	a reading	was not taken		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50013

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134352.65

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 913487.48

Logging Company: Parsons

Attempts: 1

Mud Line: 335.6 Ft

Geologist: HILLARY SLETTEN

Surface Water Depth: 27.2 Ft

Penetration Depth: 2.5 Core Recovery Depth: 2.5 Depth Units: Ft

ı	Depth	Sample	PID	Mercury	uscs		Sample	
ı	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
	0	OL-0202-17/OL-0274-01	0.0			Wet, very soft, olive gray, SILT, little clay, trace fine sand, trace organics, slight sulfur odor.	Vibracore	Silt
ı	0.5		Null field re	adinas indicata	a roading	was not taken		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50014

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134319.49

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 913528.64

Logging Company: Parsons

Attempts: 1

Mud Line: 335.4 Ft

0.5 ___

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 27.4 Ft

Penetration Depth: 2.7 Core Recovery Depth: 2.7

					1		
Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-18/OL-0282-09	0.0			Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.	Vibracore	Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50015

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134286.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 913564.87

Logging Company: Parsons

Attempts: 1

Mud Line: 335.2 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 27.6 Ft

Penetration Depth: 2.5 Core Recovery Depth: 2.5

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-19/OL-0274-02	0.1			Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.	Vibracore	Silt
0.5 —	Null field readings indicate a reading was not taken. Vibracore was advanced beyond target						

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50016

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134263.48

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 913600.59

Logging Company: Parsons

Attempts: 1

Mud Line: 335.0 Ft

Geologist: HILLARY SLETTEN

Surface Water Depth: 27.8 Ft

Penetration Depth: 2.6 Core Recovery Depth: 2.6 Depth Units: Ft

Dep	th	Sample	PID	Mercury	uscs		Sample		
Ft	İ	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum	
0		OL-0202-20/OL-0282-10	0.0		ML	Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.	Vibracore	Silt	
0.5	0.5								

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50017

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134228.19 Easting: 913531.15 Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Mud Line: 334.5 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 28.2 Ft

Penetration Depth: 2.5

Core Recovery Depth: 2.4

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Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0203-01	0.0			Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor	Vibracore	Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50018

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128154.91 Easting: 921734.44 Mud Line: 359.6 Ft

Surface Water Depth: 3.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: HILLARY SLETTEN

Penetration Depth: 1.8 Core Recovery Depth: 1.8

Water Elev: 362.8 Ft

Attempts: 1
Depth Units: Ft

0 Wet, hard, dark gray to light gray, well sorted SAND and GRAVEL, some silt,	Deptl	n Sample	PID	Mercury	USCS		Sample	
	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0.5	0	OL-0203-03	0.0			Wet, hard, dark gray to light gray, well sorted SAND and GRAVEL, some silt, fish-like odor.	Vibracore	Sand/Gravel

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50019

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128155.55 Easting: 921779.34 Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Mud Line: 359.4 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 3.4 Ft

Penetration Depth: 2.0

Core Recovery Depth: 2.0

ample

Ft ID (ppm) (mg/m3) Code Soil Description Method Stratum O OL-0203-04 1.7 SM Wet, loose, dark gray to light gray poorly sorted fine sand, some silt, some poorly sorted fine sand, some silt, some sand some silt, some poorly sorted fine sand some silt, some poorly sorted fine sand some silt, some poorly sorted fine sand some silt, some sand some silt, some poorly sorted fine sand some silt, some poorly sorted fine sand some silt, some some silt, some poorly sorted fine sand some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some silt, some some some some some some some some	Depth	Sample	PID	Mercury	uscs		Sample	
OL-0203-04 1.7 SM poorly sorted fine sand, some silt, some Vibracore fine Sand	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
A F - L I I I I I I I I I I I I I I I I I I	0	OL-0203-04	1.7		SIVI	Wet, loose, dark gray to light gray poorly sorted fine sand, some silt, some oncolites, sulfur odor.	Vibracore	fine Sand

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50020

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128134.20 Easting: 921757.53 Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Mud Line: 359.2 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 3.6 Ft

Penetration Depth: 2.3

Core Recovery Depth: 2.3

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0203-05	0.0			Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites trace wood fragments, sulfur odor	, Vibracore	fine Sand
0.5		Mull field re	adinas indisats	a roadina	was not taken Vibrasers was advanced beyond target	- E'	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50021

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128110.90

Logging Company: Parsons

Water Elev: 362.8 Ft

Easting: 921736.30 Mud Line: 359.0 Ft

Depth

Geologist: HILLARY SLETTEN

Drilling Company: Ocean Survey Inc

Attempts: 1 Depth Units: Ft

Sample

Method

Surface Water Depth: 3.8 Ft

Penetration Depth: 2.3

Core Recovery Depth: 2.3

Soil Description

Stratum

fine Sand

Ft	ID	
0	OL-0203-06	
0.5		

Sample

PID	Mercury	USCS
ppm)	(mg/m3)	Code
2.8		SM

2.8 SM Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, sulfur odor depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite. Vibracore

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50022

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128109.04 Easting: 921779.25

Logging Company: Parsons

Water Elev: 362.8 Ft

Mud Line: 359.0 Ft

Geologist: HILLARY SLETTEN

Drilling Company: Ocean Survey Inc

Attempts: 1 Depth Units: Ft

Surface Water Depth: 3.8 Ft

Penetration Depth: 2.2

Core Recovery Depth: 1.9

	Depth	Sample	PID	Mercury	USCS		Sample	
	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
	0	OL-0203-07	0.2		SIVI	Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, fish odor	Vibracore	fine Sand
ı	0.5		Null field re	adinge indicate	a reading	was not taken. Vibracore was advanced beyond target () 5'	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60054

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1120967.63

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 927585.19 Mud Line: 338.7 Ft Logging Company: Parsons

Attempts: 1
Depth Units: Ft

Surface Water Depth: 24.0 Ft

Geologist: SARA CHMURA Penetration Depth: 20.0

Core Recovery Depth: 18.5

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0196-07	0.0		ML	Wet, soft, dark gray, SILT, little fine sand, slight petroleum-like odor.	Vibracore	
	OL-0284-20	0.0		ML	Wet, soft black, SILT, little clay, trace fine sand, petroleum-like odor.	Vibracore	
5	OL-0276-16	0.0		ML	Wet, soft, black SILT, some clay, trace fine sand, low plasticity, strong petroleum odor.	Vibracore	Silt
	OL-0282-11	0.0		ML	Wet, soft, black to dark olive-green SILT, some clay, trace fine sand, low plasticity, strong petroleum odor in top half, slight petroleum and organic odor in bottom half.	Vibracore	
₁₀	OL-0276-1Z						

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60054

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1120967.63 Easting: 927585.19

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft Attempts: 1

Mud Line: 338.7 Ft

Logging Company: Parsons Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 24.0 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.5

ID OL-0276-17	(ppm)	(mg/m3)	Code	Soil Description Wet, soft to medium stiff, dark olive gray to olive gray SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor in bottom half.	Method	Stratum
OL-0276-17				Wet, soft to medium stiff, dark olive gray to olive gray SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor in bottom half.		
	0.0		CL		Vibracore	Silt/clay
OL-0276-18	0.0		CL	Moist, soft to medium stiff, dark olive gray to dark gray CLAY and some SILT, moderate to high plasticity.	Vibracore	Clay
OL-0282-12	0.0		CL	Moist, soft to medium stiff, dark olive gray to dark gray CLAY and some SILT, moderate to high plasticity.	Vibracore	
		OL-0282-12 0.0	OL-0282-12 0.0	OL-0282-12 0.0 CL	OL-0276-18 OL-027	OL-0276-18 OL-0276-18 OL-0276-18 OL-0276-18 OL-0282-12

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60055

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1120409.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 927405.57

Logging Company: Parsons

Penetration Depth: 20.0

Attempts: 1

Mud Line: 334.3 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 28.4 Ft

Core Recovery Depth: 19.3

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0201-01	0.0		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
+	OL-0201-02/OL-0284-17	0.0		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor, trace wood fragment.	Vibracore	
5 —	OL-0284-18	1.2		ML	Wet, soft, black SILT, some clay, trace fine sand, low plasticity, trace organics, petroleum-like odor.	Vibracore	Silt
-	OL-0276-13	2.4		ML	Wet, soft, light gray to black SILT, some clay, little fine sand, low plasticity, pebble sized rock seams from 24 to 26 inches , petroleum-like odor.	Vibracore	
10 +	OL-0276-14	1.0		ML	Wet, soft black to dark brown SILT, some clay, trace fine sand, petroleum-like odor.	Vibracore	Sitt/Clay
	OL-0276-15	0.0		ML 	Wet, soft, medium dark grayish-brown stiff SILT and CLAY, trace fine sand, moderate plasticity, petroleum-like odor.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60055

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1120409.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 927405.57

Logging Company: Parsons

Penetration Depth: 20.0

Attempts: 1

Mud Line: 334.3 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 28.4 Ft

Core Recovery Depth: 19.3

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
15 —	OL-0276-15	0.0		ML	Wet, soft, medium dark grayish-brown stiff SILT and CLAY, trace fine sand, moderate plasticity, petroleum-like odor.	Vibracore	
19.3	OL-0284-19	0.0		CL	Moist, medium stiff, dark grayish-brown clay and silt, moderate to high plasticity , trace shells.	Vibracore	Silt/Clay
19.3	·	Null field re	adings indicate	e a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60056

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1119788.42 Easting: 927263.63

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Mud Line: 334.3 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1 Depth Units: Ft

Surface Water Depth: 28.4 Ft

Penetration Depth: 20.0

Core Recovery Depth: 18.3

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0201-04	0.0		ML	Wet, very soft black SILT.	Vibracore	
-	OL-0201-05/OL-0276-03	0.0		ML	Wet, soft, black, SILT, some clay, little fine sand, low plasticity.	Vibracore	
5 +	OL-0283-01	0.0		ML	Wet, soft black SILT, little fine sand, some clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	Silt
-	OL-0276-04	2.2		ML	0 to 31 inches is wet, soft black SILT, little fine sand, some clay, low plasticity, slight petroleum-like odor. 31 to the end of core is SILT, some fine sand, some clay, low plasticity, dark brown clay and pebble size grain seam from 36 to 38 inches with petroleum odor.	Vibracore	
10 +	OL-0283-02	16.3		ML	O to 15 inches is wet, soft, black SILT and SAND, some clay, low plasticity ,pebble size grains within, strong petroleum-like odor. 15 to end of core is soft, black to dark gray SILT, some clay, little sand, low plasticity, strong petroleum odor.1 inch thick of coal-like material at 21 inches.	Vibracore	
15 +							Silt/fine Sand
18.3	OL-0283-03	0.3			Wet, medium stiff to stiff, dark grayish-brown silt and clay, trace fine sand,moderate to high plasticiy, black discoloration throughout.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60057

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118991.72

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 926948.31 Mud Line: 333.6 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 29.1 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.2

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-01	0.1		ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, petroleum-like odor	Vibracore	
-	OL-0202-02/OL-0284-07	0.1		ML	Wet, soft, black, SILI, trace fine sand, little to some clay, trace organics, petroleum-like odor, low plasticity.	Vibracore	
5 -	OL-0274-18	1.7		ML	Wet, soft black SILT, trace fine sand, little to some clay, trace organics, strong petroleum-like odor, low plasticity.	Vibracore	Silt
-	OL-0274-19	2.5		ML	Wet, soft black SILT, trace fine sand,little to some clay, trace organics, strong petroleum-like odor, low plasticity.	Vibracore	
10	OL-0284-08.	1	L		L	L	L

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60057

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118991.72

Surface Water Depth: 29.1 Ft

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 926948.31

Logging Company: Parsons

Attempts: 1 Depth Units: Ft

Mud Line: 333.6 Ft

Geologist: HILLARY SLETTEN Penetration Depth: 20.0

Core Recovery Depth: 19.2

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
	OL-0284-08	5.4		ML	Wet, soft, black to grayish brown to black SILT, little to some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
15 —	OL-0274-20	0.4		ML	0-18 inches is wet, soft, black SILT, little to some clay, trace fine sand, low plasticity, slight petroleum-like odor.18-20 inches is wet, soft, grayish-brown, SILT, little clay, little fine sand, trace shells, organic odor. 20 inches to end of core is wet, soft, dark gray to dark grayish brown SILT, some clay, low to moderate plasticity.	Vibracore	Silt
19.2	OL-0284-09	0.0		CL	Moist, medium stiff brown clay and silt, moderate to high plasticity, trace shells.	Vibracore	Clay/Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60058

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118416.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 926592.27

Logging Company: Parsons

Attempts: 1

Mud Line: 361.1 Ft

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Depth Units: Ft

Surface Water Depth: 1.6 Ft

Core Recovery Depth: 19.2

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-04	0.1		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
-	OL-0202-05/OL-0274-07	0.1		ML	Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.	Vibracore	
5 -	OL-0283-19	7.9		ML	Wet, soft, black SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
-	OL-027 4- 08	21.2		ML	Wet, soft, black SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	Silt/clay
10 -	OL-0283-20	17.9		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
14	OL-0274-09	1.1		ML 	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, petroleum-like odor, trace organics.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60058

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118416.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 926592.27

Logging Company: Parsons

Attempts: 1

Mud Line: 361.1 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 1.6 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.2

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
15 —	OL-0274-09	1.1		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, petroleum-like odor, trace organics.	Vibracore	
19.2	OL-0284-10	0.3		ML	Wet, soft black to dark grayish brown SILT, some clay, trace fine sand, moderate plasticity, trace organics.	Vibracore	Silt/clay
Null field readings indicate a reading was not taken.							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60059

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1121126.21

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 927880.63

Logging Company: Parsons

Mud Line: 354.7 Ft

Geologist: HILLARY SLETTEN

Attempts: 1 Depth Units: Ft

Surface Water Depth: 8.0 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0201-06/OL-0283-04	2.1		ML	Wet, very soft to soft, light brown, SILT, some fine sand, little clay, trace shells, sulfur odor, (MARL).	Vibracore	
5 -	OL-0201-07/OL-0275-20	4.7		ML	Wet, soft, light brown, SILT, some clay, little fine sand, trace shells, 4 inch long piece of wood at 29 inches, sulfur odor, (MARL).	Vibracore	
-	OL-0201-09/OL-0283-05	3.6		ML	Wet, soft, light brown, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).	Vibracore	Marl
10 +	OL-0276-01/OL-0282-12	12.7		CL	Wet, soft to medium stiff, light grayish brown, SILT and CLAY, trace fine sand, moderate plasticity, trace shells, sulfur odor, marl.	Vibracore	
15 —	OL-0283-06	8.2		CL	Wet, medium stiff, light grayish brown, SILT and CLAY, trace fine sand, moderate plasticity, trace shells, sulfur odor, marl.	Vibracore	
19.4	OL-0276-02	0.0 Null field re	eadings indicate	OL .	Wet, medium stiff, light grayish brown, SILT and CLAY, trace fine sand, trace organics, moderate plasticity, trace shells, sulfur odor, slight decomposing plant odor, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60060

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle

Northing: 1120588.84

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 928052.52

Logging Company: Parsons

Attempts: 1

Mud Line: 351.9 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 11.0 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0199-01/OL-0275-11	0.0		ML	Wet, soft black, SILT, some fine sand, some to little clay, low plasticity, petroleum-like odor.	Vibracore	Silt/fine Sand
5 +	OL-0199-02/OL-0284-11	0.0		ML	0 to 1 inch is wet, medium dense gray fine sand, 1 to 7 inches is wet, soft, gray, SILT, some clay, little fine sand, low plasticity. Rest of core is wet, soft, black, SILT and CLAY, some fine sand, moderate plasticity, slight petroleum-like odor.	Vibracore	
- - -	OL-0199-03/OL-0275-12	0.0		CL	Wet, soft, dark gray CLAY and SILT, some fine sand, moderate to high plasticity, gray poorly sorted sand seam at 6 inches, 10 inches, 23 inches and 37 inches, 1inch piece of wood at 34 inches, some organics throughout.	Vibracore	
10 +	OL-0284-12	0.0		CL	Wet, soft, dark gray CLAY and fine SAND grading to clay, some silt, little fine sand, moderate to high plasticity, gray poorly sorted fine sand seam at 12 inches, 17 inches and 24 inches, organic seam at 31 inches.	Vibracore	Clay
15 —	OL-0275-13	0.0		CL	Wet, moist, sot to medium stiff CLAY, some silt, trace fine sand, moderate to high plasticity, 3 inch piece of wood from 15 to 18 inches, some organics throughout.	Vibracore	
19.8	OL-0284-13	0.0	adings indicate	CL	Moist, medium stiff brown CLAY, moderate to high plasticity, trace shells, trace organics.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60061

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle

Northing: 1120000.79

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 928094.20 Mud Line: 353.3 Ft

Logging Company: Parsons

Attempts: 1

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 9.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.7

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0199-05/OL-0284-14	0.0		ML	Wet, soft, black, SILT, some clay, little fine sand, low to moderate plasticity, petroleum-like odor.	Vibracore	Silt
5 +	OL-0199-06/OL-0275-08	0.0		CL	Wet, soft, black, CLAY, some silt, little fine sand, moderate to high plasticity, gray poorly sorted fine sand seam at 29 inches and 33 inches, slight petroleum-like odor.	Vibracore	
-	OL-0199-07/OL-0275-09	1.7		CL	Wet, soft, dark gray, CLAY and SILT, little fine sand, low to moderate plasticity, black poorly sorted fine sand seam at 16 inches and 29 inches, trace organics with petroleum odor.	Vibracore	
10 +	OL-0284-15	0.0		CL	Wet, soft, black CLAY and SILT, little fine sand, moderate plasticity, light brown poorly sorted fine sand seam from 30 to 32 inches, trace organics.	Vibracore	Clay/silt
15 —	OL-0275-10	0.0			Moist, soft, medium stiff dark gray to dark brown CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 37 inches,1 inch thick piece wood at 23 inches and wood fragments throughout.	Vibracore	
19.7	OL-0284-16	0.0			Wet to moist, soft to medium stiff, dark gray and dark brown CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 17 inches, 1 inch wood piece at 27 inches, trace organics throughout.	Vibracore	
10.7		Null field re	adings indicate	e a reading	g was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60062

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1119550.27 Easting: 927966.44 Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Mud Line: 353.2 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 9.5 Ft

Penetration Depth: 20.0

Core Recovery Depth: 17.8

Sample	PID	Mercury	USCS		Sample	
ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
OL-0201-09/OL-0274-14	3.3		ML	Zebra mussel shells in top 3 inches. Rest of core is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics in bottom 2 inches, petroleum-like odor.	Vibracore	Silt
OL-0201-10/OL-0283-17	1.7		ML	0 to 21 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, slight petroleum-like odor, 21 to 29 inches is wet, soft, SILT, some sand, little clay, low plasticity, some organics, slight petroleum-like	Vibracore	Silt/fine sand
				Isilt and fine sand, dark gray, organics		Silville salid
OL-0201-11/OL-0274-15	0.0		ML	Loose wood debris in top 1-inch, rest of core is wet, soft, dark brown, SILT and CLAY, trace fine sand, moderate plasticity, black discoloration throughout, 35 inches to end of core is trace organics and trace shells.	Vibracore	Silt/clay
OL-0274-16	0.0		CL	Wet, medium stiff to stiff, dark grayish brown, silt and clay, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	
OL-0283-18	0.0		CL	Moist, stiff, dark brown, CLAY and SILT, moderate to high plasticity, trace shells.	Vibracore	Clay/silt
OL-0274-17	0.0		CL	Moist, stiff, dark brown, CLAY and SILT, moderate to high plasticity, trace shells.	Vibracore	
	OL-0201-09/OL-0274-14 OL-0201-10/OL-0283-17 OL-0201-11/OL-0274-15 OL-0274-16	ID (ppm) OL-0201-09/OL-0274-14 3.3 OL-0201-10/OL-0283-17 1.7 OL-0201-11/OL-0274-15 0.0 OL-0274-16 0.0 OL-0274-17 0.0	ID (ppm) (mg/m3) OL-0201-09/OL-0274-14 3.3 OL-0201-10/OL-0283-17 1.7 OL-0201-11/OL-0274-15 0.0 OL-0274-16 0.0 OL-0283-18 0.0	ID	D	ID

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60063

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1119021.48 Easting: 927787.83

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Logging Company: Parsons

Attempts: 1

Mud Line: 352.2 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 10.6 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0202-06/OL-0274-10	3.7		ML	Wet, soft, black, SILT, little to some clay, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
5	- OL-0202-07/OL-0274-11	5.4		ML	Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, slight petroleum-like odor.	Vibracore	
-	OL-0202-08/OL-0284-01	7.4		ML	Wet, soft to medium stiff, black, SILT, some clay, moderate plasticity, strong petroleum-like odor.	Vibracore	Silt
10 +	OL-0274-12	1.4		ML	Wet, soft to medium stiff, black SILT, some clay, moderate plasticity, 1 inch thick shell and organic seam at 25 inches, organic seam at 35 inches, strong petroleum-like odor.	Vibracore	
15 -	OL-0284-02	0.1		ML	Wet, medium stiff, black SILT, some clay, trace fine sand, moderate to high plasticity, dark gray poorly sorted fine sand seam at 11 to 12 inches and at 24 inches.	Vibracore	
10.0	OL-0274-13	0.0		CL	Moist, medium stiff, dark brown to brown SILT and CLAY, moderate to high plasticity, trace shells, organic seam at 9 inches.	Vibracore	Silt/clay
19.8		Null field re	adings indicate	a reading	was not taken		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60064

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118434.38 Easting: 927634.10

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Mud Line: 351.8 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1

Depth Units: Ft

Surface Water Depth: 10.9 Ft Penetration Depth: 20.0 Core Recovery Depth: 19.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0202-09/OL-0275-04	0.7		ML	Wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, trace organics, petroleum-like odor.	Vibracore	
5 -	OL-0202-10/OL-0284-03	2.4		ML	Wet, soft, black, SILT, little to some clay, low to moderate plasticity, trace fine sand, trace organics, petroleum-like odor.	Vibracore	Silt
	OL-0202-11/OL-0275-05	0.3		ML	0 to 8 inches is wet, soft, black, SILT, some clay , trace fine sand, low to moderate plasticity, petroleum-like odor. Rest of core is wet, soft, light brown, SILT, some clay, trace fine sand, low to moderate plasticity, trace shells.	Vibracore	
10 +	OL-0284-04	0.2		CL	Moist, medium stiff, brown SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	
15 —	OL-0275-06	0.0		CL	Moist, medium stiff, brown SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	Silt/clay
19.0	OL-0275-07	0.0	sadings indicate	CL	Moist, medium stiff, brown SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60065

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118069.05 Easting: 927153.84 Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Mud Line: 348.8 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 14.0 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 +	OL-0202-12/OL-0284-05	0.7		ML	Wet, very soft to soft, black, SILT, little clay, trace fine sand, trace organics, slight petroleum-like odor.	Vibracore	
5 +	OL-0202-13/OL-0275-01	5.1		ML	Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, strong petroleum-like odor.	Vibracore	
+	OL-0202-14/OL-0284-06	2.7		ML	Wet, soft to medium stiff, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, strong petroleum-like odor.	Vibracore	-
10 +	OL-0275-02	2.9		ML	Wet, soft to medium stiff, black SILT, some clay, trace fine sand, moderate plasticity,little organics, strong petroleum-like odor.	Vibracore	Silt
15 -	OL-0275-03	0.4		ML	Wet, soft to medium stiff, black SILT, some clay, trace fine sand, moderate plasticity,little organics, strong petroleum-like odor.	Vibracore	
19.8		Null field re	eadings indicate	e a readino	g was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Click here to query for Lithological Data. pring No: OL-VC-60066

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle

Northing: 1121149.78

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 928366.60

Logging Company: Parsons

Attempts: 1

Mud Line: 358.4 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 4.5 Ft

Penetration Depth: 19.9

Core Recovery Depth: 19.9

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0199-08/OL-0283-07	0.0		ML	Wet, soft, light gray, SILT, some fine sand, some oncolites, sulfur odor.	Vibracore	
5 +	OL-0199-09/OL-0276-05	0.0		ML	Wet, soft, light gray, SILT, some fine sand, some oncolites in top half, trace shells, sulfur odor (MARL).	Vibracore	
-	OL-0199-10/OL-0283-08	0.0		ML	Wet, medium stiff to soft, light gray, SILT, some fine sand, some clay, some oncolites, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
10 +	OL-0199-11/OL-0276-06	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, some shells, sulfur odor (MARL).	Vibracore	MARL
15 —	OL-0199-12/OL-0276-07	0.0		ML	Wet, soft, gray, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
19.9	OL-0199-13/OL-0276-08	0.0		ML	Wet, soft, gray, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
19.9	OL-0199-13/OL-0276-08		eadings indicate		shells, sulfur odor (MARL).	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60067

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle

Northing: 1120674.09 Easting: 928358.54 Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Mud Line: 357.2 Ft

Logging Company: Parsons Geologist: SARA CHMURA Attempts: 1
Depth Units: Ft

Surface Water Depth: 5.7 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0199-14/OL-0274-03	0.0		ML	Wet, soft, gray, SILT , some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
5 -	OL-0199-15/OL-0283-15	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
-	OL-0199-18/OL-0274-04	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
10 +	OL-0199-17/OL-0274-05	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low to moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
15 —	OL-0199-18/OL-0283-16	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low to moderate plasticity, trace shells, slight sulfur odor and decomposing plant odor (MARL).	Vibracore	
20.0	OL-0274-06	0.0		ML	Wet, soft, gray, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells, decomposing plant odor.	Vibracore	Silt/clay

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60068

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1119471.31 Easting: 928330.16 **Drilling Company: Ocean Survey Inc**

Water Elev: 362.7 Ft

Mud Line: 358.6 Ft

Logging Company: Parsons

Attempts: 1

Mud Line: 356.6 Ft

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 4.1 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.7

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0200-01/OL-0283-09	0.0		ML	0 to 17 inches is wet, soft, black SILT, some clay, some fine sand, low plasticity. Black poorly sorted fine sand seam from 8.5 to 12 inches, petroleum-like odor. 17 inches to rest of the core is wet, soft, SILT and SAND, some clay, low plasticity.	Vibracore	Silt
5 +	OL-0200-02/OL-0275-17	0.0		ML	0 to 8 inches is wet, soft dark gray, SAND and SILT, little clay. Rest of core is black, soft, dark gray, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics.	Vibracore	
+	OL-0200-03/OL-0283-10	0.0		CL	Wet, soft, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells, trace organics.	Vibracore	
10 +	OL-0200-04/OL-0275-18	0.0		CL	Moist, soft to medium stiff, brown, SILT and CLAY, trace shells, moderate to high plasticity.	Vibracore	Silt/Clay
15 —	OL-0200-05/OL-0275-19	0.0		CL	Moist, soft to medium stiff, brown, SILT and CLAY, trace shells, moderate to high plasticity.	Vibracore	
18.7	OL-0200-06/OL-0283-11	0.0		CL	Moist, soft to medium stiff, dark brown, SILT and CLAY, trace shells, moderate to high plasticity, slight decomposing plant odor.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60069

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle

Northing: 1118853.37

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Easting: 928237.73

Logging Company: Parsons

Attempts: 1

Mud Line: 359.3 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 3.6 Ft

Penetration Depth: 20.0 Core Recovery Depth: 19.6

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0200-08/OL-0283-12	0.0		ML	Wet, soft, SILT and FINE SAND, trace clay, trace shells, petroleum-like odor.	Vibracore	Silt/fine Sand
5 +	OL-0200-09/OL-0275-14	0.0		ML	Wet, soft, grayish-brown, SILT, some sand grading to clay, moderate plasticity, trace shells, trace organics.	Vibracore	
-	OL-0200-10/OL-0275-15	0.0		ML	Wet, soft to medium stiff, grayish-brown, SILT and some clay , trace fine sand, moderate plasticity, trace shells, some organics.	Vibracore	Silt
10 +	OL-0200-11/OL-0283-13	0.0		ML	Wet, soft to medium stiff, brown, SILT and some clay , trace fine sand, moderate plasticity, trace shells, some organics.	Vibracore	
15 —	OL-0200-12/OL-0275-16	0.0		CL	Moist, soft to medium stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	Silt/Clay
19.6	OL-0200-13/OL-0283-14	0.0	adings indicate	CL CL	Moist, stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	
		inuii ileia re	aumys muicate	a reading	y was not taken.		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60070

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle

Northing: 1117647.53 Easting: 927621.13

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Logging Company: Parsons

Attempts: 1

Mud Line: 358.4 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 4.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0200-14/OL-0282-13	0.0		ML	0 to 10 inches is wet, loose, black, SAND, trace shells, petroleum-like odor. 10 inches to 24 inches is wet, soft, dark gray SILT and FINE SAND, little clay, trace shells, slight petroleum odor. Rest of core is wet, soft to very soft light brown s	Vibracore	fine sand
5 +	OL-0200-15/OL-0276-09	0.0		ML	Wet, soft, light brown, SILT and FINE SAND, trace clay, trace shells.	Vibracore	Silt/fine Sand
-	OL-0200-16/OL-0276-10	0.0		ML	Wet, soft, light brown, SILT and FINE SAND, trace clay, trace shells, trace organics.	Vibracore	
10 +	OL-0200-17/OL-0282-14	0.0		ML	Wet, soft, light brown, SILT, some fine sand, trace clay, trace shells.	Vibracore	
15 —	OL-0200-18/OL-0276-11	0.0		ML	Wet, soft, grayish-brown, SILT, some clay, little fine sand, low to moderate plasticity, trace shells.	Vibracore	Silt
20.0	OL-0200-19/OL-0276-12	0.0		ML	Wet, soft, grayish-brown, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics in last 4 inches.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70025

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle

Northing: 1116331.36 Easting: 926720.10

Drilling Company: Ocean Survey Inc

Water Elev: 362.9 Ft

Mud Line: 360.7 Ft

Logging Company: Parsons

Attempts: 1

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.2 Ft

Penetration Depth: 20.0 Core Recovery Depth: 18.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0181-05/OL-0290-19	1.7		ML	Wet, very soft, black, SILT, trace clay, some organics in top two inches, petroleum-like odor.	Vibracore	Silt
5 —	OL-0181-06/OL-0288-19	4.4		SM	0 to 12 inches is wet, soft, black, SILT, trace organics, trace fine sand, slight petroleum-like odor (ML). 12 to 28 inches is wet, loose gray, FINE SAND, trace silt, trace shells, sulfur odor. Fine black sand lens at 28 inches. Rest of core is wet, soft, gray SILT, little clay, some fine sand, trace shells, sulfur odor, (MARL).	Vibracore	
-	OL-0181-07/OL-0288-20	1.4		SM	Wet, soft, gray, SILT, some fine sand, trace clay, little shells, sulfur odor, (MARL).	Vibracore	
10	OL-0181-08/OL-0290-20	4.1		ML	Wet, soft, gray, SILT, little clay, little to trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).	Vibracore	Marl
15 —	OL-0289-01	1.5		ML	Wet, soft, gray SILT, some to little clay, little to trace fine sand, low plasticity, trace shells, sulfur odor, marl.	Vibracore	
18.0	OL-0289-02	0.5	andings indicate	CL CL	Moist, soft, gray, CLAY, some silt, trace fine sand, trace shells, moderate plasticity, sulfur odor, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70026

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle

Northing: 1116387.43

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 926928.11 Mud Line: 360.4 Ft Logging Company: Parsons

Attempts: 1

Geologist: SARA CHMURA

Depth Units: Ft

Surface Water Depth: 2.4 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0181-09/OL-0291-01	1.1		SM	0 to 2 inches wet, loose, black, FINE SAND, trace red brick fragments. 2 to 22 inches is wet, very soft black SILT, trace clay, trace fine sand, petroleum-like odor. Rest of core is wet, loose, black to gray FINE SAND, little silt, trace shells, slight petroleum-like odor, slight sulfur odor, MARL (SM-ML).	Vibracore	fine Sand/silt
5 +	OL-0181-10/OL-0288-10	0.7		SM	Wet, soft, gray, SILT and FINE SAND, trace clay, little shells, trace organics, sulfur odor, (MARL).	Vibracore	
-	OL-0181-11/OL-0291-02	2.8		SM	Wet, soft, gray, SILT and FINE SAND, some shells, trace organics, sulfur odor, (MARL).	Vibracore	
10 +	OL-0181-13/OL-0288-11	0.9		SM	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL).	Vibracore	Marl
15 —	OL-0291-03	0.9		ML	Wet, soft, gray SILT, trace clay, little fine sand, trace shells, trace organics, sulfur odor, marl.	Vibracore	
19.8	OL-0288-12	0.7	eadings indicate	ML	Wet, soft, gray SILT, little to trace clay, little fine sand, trace shells, sulfur odor, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70027

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle

Northing: 1116245.77 Easting: 926946.39

Logging Company: Parsons

Water Elev: 362.9 Ft

Mud Line: 361.2 Ft

Geologist: SARA CHMURA

Drilling Company: Ocean Survey Inc

Attempts: 1 Depth Units: Ft

Surface Water Depth: 1.7 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.9

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0 -	OL-0181-14/OL-0291-04	1.7		ML	Wet, soft, dense, black, FINE SAND, petroleum-like odor. 5 to 11 inches is wet, soft, dark, gray, SILT. 11 to 27 inches is wet, soft, black, SILT, some fine sand, little clay, petroleum-like odor. Rest of core is wet, soft black to gray, SILT and FINE SAND, little shells, sulfur odor, (MARL).	Vibracore	fine Sand/Silt
5 +	OL-0181-15/OL-0288-13	2.5		SM	Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).	Vibracore	
-	OL-0181-16/OL-0291-15	2.6		SM	Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).	Vibracore	
10 +	OL-0181-17/OL-0288-14	2.4		SM	Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).	Vibracore	Marl
15 —	OL-0291-05	2.9		SM	Wet, soft, gray SILT, little clay,little fine sand,some to trace shells, sulfur odor, marl.	Vibracore	
19.8	OL-0288-15	1.3		SM	Wet, soft, gray SILT, little clay,little fine sand,some to trace shells, sulfur odor, marl.	Vibracore	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70028

Diameter: NA Date: 09/25/2006

Northing: 1116367.79

Driller: Ocean Survey Inc

Total Depth: 19.6 Ft

Easting: 927228.87

Method: NA

GW Depth: 0.0 Ft

Elevation: NA

Consultant: SARA CHMURA (Parsons)

Datum: Unknown

Field Book No:

Depth 3	Solid Sample		Mercury	Soil		
Depth S	ID F	ID Readin	g _(mg/m3)	Code	Pattern	Soil Description
0 -	OL-0183-01/OL-0289-03	1.1		SM		0 to 30 inches is wet, medium dense, black, FINE SAND and SILT, trace organics, black coal-like fragments, petroleum-like odor. 30 inches to rest core is dark gray, SILT and FINE SAND some shells, sulfur odor, (MARL).
5 -	OL-0183-02/OL-0291-06	2.3		SM		Wet, soft, gray, SILT and FINE SAND, little shells, trace organics, sulfur odor, (MARL).
- - -	OL-0183-03/OL-0289-04	2.1		SM		Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).
10 -	OL-0183-04/OL-0291-07	1.5		SM		Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).
15 -	OL-0289-05	0.7		SM		Wet, soft, gray SILT, little fine sand, little clay, trace shells, sulfur odor, marl.
19.6	OL-0291-08	0.8		SM	ading was not	Wet, soft, gray silt and fine sand, trace clay, trace shells, sulfur odor, marl.

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70029

Diameter: NA Date: 09/25/2006

Northing: 1116559.92

Driller: Ocean Survey Inc

Total Depth: 20.0 Ft

Easting: 927423.17

Method: NA

Project No:

GW Depth: 0.0 Ft

Elevation: NA

Consultant: SARA CHMURA (Parsons)

Datum: Unknown

Field Book No:

Depth	SOV.	Solid Sample ID F		Mercury	Soil			
Ft	Re	ID F	ID Readin	g _(mg/m3)	Code	Pattern	Soil Description	
0 +		OL-0183-05/OL-0291-09	1.1		SM		0 to 14 inches is wet, dense, black, FINE SAND, trace shells, petroleum-like odor. 14 to 32 inches is wet, dense, black to dark gray, SAND, thin clay seams throughout. Rest of core is gray, SAND and SILT trace shells, sulfur odor, (MARL).	
5 +		OL-0183-06/OL-0289-06	1.8		SM		Wet, soft, gray, SILT and FINE SAND, trace shells, sulfur odor, (MARL).	
+		OL-0183-07/OL-0291-10	5.8		SM		Wet, soft, gray, SILT and FINE SAND, trace wood fragments, little shells, sulfur odor, (MARL).	
10 +		OL-0183-08/OL-0289-07	4.1		SM		Wet, soft gray, SILT and FINE SAND, trace clay, little shells, sulfur odor, (MARL).	
15 +		OL-0291-11	2.7		SM		Wet, soft, gray to dark gray silt and fine sand, little shells, trace clay in bottom half of core, sulfur odor, marl.	
10.0		OL-0289-08	0.8		SM		0-27 inches is wet, soft, gray silt and fine sand, trace shells, sulfur odor, rest of core is wet, soft, GRAY LAYER, some silt, trace fine sand, trace shells, sulfur odor, marl (CL). 2 bottles.	
19.8			Null	field readings	indicate a re	ading was not t	ı aken.	J

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70030

Diameter: NA Date: 09/25/2006

Northing: 1116809.31

Driller: Ocean Survey Inc

Total Depth: 19.9 Ft

Easting: 927657.89

Method: NA

GW Depth: 0.0 Ft

Elevation: NA

Consultant: SARA CHMURA (Parsons)

Drainet No. Field Book N

Datum: Unknown Project No:

Field Book No:

Depth	Solid Sample		Mercury	Soil			
Ft d	Solid Sample	ID Readin	g _(mg/m3)	Code	Pattern	Soil Description	
0 -	OL-0181-01/OL-0288-16	5.0		SM		0 to 17 inches wet, soft, black to dark gray SILT, some fine sand, some organics, trace wood fragments, slight petroleum-like odor. Rest of core is wet, soft, gray, SILT, some fine sand, little shells, sulfur odor, (MARL).	
5 +	OL-0181-02/OL-0291-12	3.9		SM		Wet, soft, gray, SILT and FINE SAND, trace organics, little shells, sulfur odor, (MARL).	
-	OL-0181-03/OL-0288-17	4.7		SM		Wet, soft, gray, SILT and FINE SAND, little shells, sulfur odor, (MARL).	
10 +	OL-0181-04/OL-0291-13	4.2		SM		Wet, soft, gray, SILT, some fine sand, little to trace shells, sulfur odor, (MARL).	
15 —	OL-0291-14	5.0		SM		Wet, soft, gray, silt and fine sand, some to little shells, sulfur odor, marl.	
19.8	OL-0288-18	0.7		SM	ading was not t	Wet, soft, gray to dark gray, SiLT, some fine sand, trace clay, trace shells, sulfur odor on top, marl.	

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80023

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1129677.26

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 914733.19

Logging Company: Parsons

Attempts: 1

Mud Line: 302.2 Ft

Geologist: HILLARY SLETTEN

Allempis. I

Curfo on Motor Don

Description Description 4

Depth Units: Ft

urface Water Depth: 60.6 F	t Penetration Depth: 3.
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Core Recovery Depth: 3.4

Deptl	h	Sample	PID	Mercury	uscs		Sample	
Ft		ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0		OL-0207-01/OL-0273-03	0.0			Wet, very soft black SILT, petroleum-like	Vibracore	Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80024

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1123471.14

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 920313.37

Logging Company: Parsons

Attempts: 1

Mud Line: 308.9 Ft

Geologist: HILLARY SLETTEN

Surface Water Depth: 53.8 Ft

Penetration Depth: 3.0 Core Recovery Depth: 2.9 Depth Units: Ft

	Depth	Sample	PID	Mercury	uscs		Sample		
	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum	
	0	OL-0207-02/OL-0281-06	0.0		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt	
U.5									

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Honeywell

PID

(ppm)

0.0

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80025

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1123488.06

Drilling Company: Ocean Survey Inc

USCS

Code

Water Elev: 362.7 Ft

Easting: 920640.80

Logging Company: Parsons

Mud Line: 302.2 Ft

Attempts: 1

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 60.5 Ft

Sample

ID

OL-0207-03/OL-0272-18

Penetration Depth: 3.7

Mercury

(mg/m3)

Core Recovery Depth: 3.7

Soil Description

Sample	
Method	Stratum
Vibracore	Silt

0.5

Depth

Ft

Wet, soft, black, SILT, trace fine sand, petroleum-like odor. Null field readings indicate a reading was not taken.

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80026

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1120038.25

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 925596.99

Logging Company: Parsons

Attempts: 1

Mud Line: 309.2 Ft

Geologist: HILLARY SLETTEN

Surface Water Depth: 53.5 Ft

Penetration Depth: 3.2

Core Recovery Depth: 3.2

Depth Units: Ft

	Depth	Sample	PID	Mercury	uscs		Sample	
	Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
	0 0	OL-0207-04/OL-0281-05	0.0		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
0.5 Null field readings indicate a reading upon pet taken								

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80027

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1118576.68 Easting: 925861.33 Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Mud Line: 327.5 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 35.2 Ft

Penetration Depth: 3.0

Core Recovery Depth: 3.0

Depth	h	Sample	PID	Mercury	uscs		Sample	
Ft		ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0		OL-0207-05/OL-0273-02	0.5			Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80028

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118619.20

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 923386.49

Logging Company: Parsons

Attempts: 1

Mud Line: 328.7 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 34.0 Ft

Penetration Depth: 20.0 Core Recovery Depth: 17.2

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0207-10	0.3		ML	Wet, soft, black, SILT, little clay, strong petroleum odor.	Vibracore	
	OL-0207-11/OL-0281-07	0.4		ML	Wet, soft, black, SILT, little to some clay, low plasticity, strong petroleum odor.	Vibracore	
5 +	OL-0207-12/OL-0271-15	2.1		ML	Wet, soft, black to gray to black, SILT, little to some clay, trace fine sand, low plasticity in bottom half of core, very strong petroleum-like odor.	Vibracore	Silt
	OL-0207-13	0.8		ML	0 to 11 inches is wet, soft, black, SILT, trace fine sand, coal-like fragments from 7 to 9 inches, strong petroleum-like odor. 11 to 27 inches is wet, very soft to soft, greenish-blue, SILT and silt-like grains, trace fine sand, mothball odor (SOLW). 27 inches to end of core is wet, soft, greenish-blue to black, SILT, little clay, trace fine sand, mothball-and petroleum-like odor.	Vibracore	Solvay Waste
10	QL-920Z-1540L-92Z1-16						Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80028

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118619.20

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 923386.49

Logging Company: Parsons

Attempts: 1

Mud Line: 328.7 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 34.0 Ft

Penetration Depth: 20.0

Core Recovery Depth: 17.2

	<u> </u>			-	• •		
Depth	Sample	PID	Mercury	USCS		Sample	_
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10					0 to 9 inches is wet, soft, black, SILT, little to some clay, trace fine sand, coal-like fragments in upper 2 inches, slight petroleum-like odor (ML).		Silt
	OL-0207-15/OL-0271-16	0.5		CL	SILT, little to some clay, trace fine sand, coal-like fragments in upper 2 inches, slight petroleum-like odor (ML). 9 inches to end of core is wet, medium stiff, dark grayish-brown, SILT and CLAY, trace fine sand, moderate to high plasticity, black discoloration throughout (CL).	Vibracore	Silt/clay
15 —	OL-0207-18/OL-0271-17	0.4		CL	Wet, medium stiff, dark grayish-brown, CLA and SILT, black discoloration throughout.	Vibracore	Clay/Silt
				CL	Wet, medium stiff, dark grayish-brown, CLA and SILT, black discoloration throughout.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80029

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118587.03 Easting: 924083.93 Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Mud Line: 330.1 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Widd Line. 000.111

Surface Water Depth: 32.6 Ft Penet

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0207-18	1.1		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
+	OL-0207-19	5.4		SOLW	Wet, very soft, grayish-green to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
5 +	OL-0207-20/OL-0281-08	5.2		SOLW	Wet, soft, whitish-green, silt-like grains, trace fine sand, 0.5 inch thick Solvay chunks in upper 6 inches, mothball odor.	Vibracore	Solvay Waste
10	OL-0208-01/OL-0271-11	13.6		SOLW	Wet, soft, grayish-blue to light green to grayish-green, silt-like grains, trace fine sand, black discoloration from 3 to 4 inches and from 28 to 29 inches, coal-like fragments from 3 to 4 inches, mothball odor.	Vibracore	
10 —					 		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80029

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118587.03

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 924083.93 Mud Line: 330.1 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 32.6 Ft

Penetration Depth: 20.0

.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0208-02/OL-0271-12	10.6		SOLW	0 to 26 inches is wet, soft, grayish-green, silt-like grains, trace fine sand, some degraded NAPL globules from 11 to 26 inches, mothball and petroleum-like odor (SOLW). Rest of core is wet, soft, dark gray, SILT, trace fine sand, petroleum-like odor (ML).	Vibracore	
15 -	OL-0208-03/OL-0271-13	6.4		SOLW	Wet, soft, grayish-green to light grayish-green, silt-like grains, trace fine sand, black discoloration from 21 to 25 inches, small Solvay chunks within discoloration.	Vibracore	Solvay Waste
-	OL-0208-04/OL-0271-14	14.2		SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches, pin size NAPL globules from 20.5 to 24 inches, mothball odor.	Vibracore	
20.0		Null field re	adings indicate	a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80030

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118544.70

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 924725.98 Mud Line: 331.2 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1 Depth Units: Ft

Surface Water Depth: 31.5 Ft

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0208-06	2.9		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
	OL-0208-07	5.2		SOLW	0 to 9 inches is wet, soft black, SILT and silt-like grains, trace fine sand, 0 to 0.5 inch thick Solvay chunks from 4 to 8 inches. Rest of core is wet, soft, green to grayish-green silt-like grains, trace fine sand, mothball odor.	Vibracore	Silt
5 +	OL-0208-08/OL-0281-17	3.9		SOLW	Wet, soft, grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	
	OL-0208-09/OL-0272-03	4.6		SOLW	Wet, soft, grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	Solvay Waste
10 上	QL-0208_10/OL-0272-04	L	L		L		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80030

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118544.70

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 924725.98

Logging Company: Parsons

Attempts: 1

Mud Line: 331.2 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 31.5 Ft

Penetration Depth: 20.0 Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
	OL-0208-10/OL-0272-04	2.1		SOLW	0 to 4 inches is wet, soft, black, silt-like grains, trace fine sand, small Solvay chunks throughout, mothball odor. Rest of core is wet, soft grayish-white to grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	
15 —	OL-0208-11/OL-0272-05	2.9		SOLW	Wet, soft, grayish-white to grayish-green, silt-like grains, trace fine sand, dark gray discoloration at 39 inches and 42 inches, mothball odor.	Vibracore	Solvay Waste
20.0	OL-0208-12/OL-0272-06	2.0		SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand.	Vibracore	
20.0		Null field re	adings indicate	a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80031

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118458.26

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 925320.47 Mud Line: 328.7 Ft

Logging Company: Parsons

Attempts: 1 Depth Units: Ft

Surface Water Depth: 34.0 Ft

Geologist: HILLARY SLETTEN Penetration Depth: 20.0

Core Recovery Depth: 20.0

		· '					
Depth	Sample	PID	Mercury	USCS		Sample	.
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0210-01/OL-0272-07	1.3		SOLW	Wet, soft, dark gray, SILT and silt-like grains, trace fine sand, mothball odor.	Vibracore	
	OL-0210-02/OL-0272-08	3.4		SOLW	Wet, soft, blue-green to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0210-03/OL-0272-09	3.4		SOLW	Wet, soft, grayish-green, silt-like grains, trace fine sand, black discoloration from 30 to 34 inches, mothball odor.	Vibracore	Solvay Waste
-	OL-0210-04/OL-0272-10	1.9		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, pin size NAPL globules from 5 to 8 inches, mothball odor.	Vibracore	
10 上	ΩL-0210-06/OL-0272-11	L	L		<u> </u>		L

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80031

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118458.26

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 925320.47

Logging Company: Parsons

Attempts: 1

Mud Line: 328.7 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 34.0 Ft

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0210-06/OL-0272-11	1.9		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine black sand, black discoloration from 34 to 35 inches and dark gray from 37 inches to end of core, mothball odor.	Vibracore	
15 -	OL-0210-07/OL-0272-12	2.2		SOLW	Wet to moist, soft to hard, grayish-green to grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 11 to 13 inches, isolated pin size NAPL globules at 18 inches, mothball odor.	Vibracore	Solvay Waste
20.0	OL-0210-08/OL-0272-13	18.6		SOLW	Wet, soft, grayish-white to grayish-green, silt-like grains, trace fine sand, dark gray discoloration from 26 to 30 inches, mothball odor.	Vibracore	
20.0		Null field re	adings indicate	a reading	was not taken.		-

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80032

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118423.13

Easting: 926062.69

Mud Line: 295.6 Ft

Surface Water Depth: 31.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Attempts: 1

Attempts: 1
Depth Units: Ft

Water Elev: 326.6 Ft

Core Recovery Depth: 18.4

ID OL-0210-09	(ppm) 0.9	(mg/m3)	Code ML	Soil Description Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor. Wet soft black SILT trace fine	Method Vibracore	Stratum
OL-0210-09	0.9		ML		Vibracore	
				Tyver, son, piack, Sill, frace line		
)L-0210-10/OL-0281-04	1.1		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
				Wet, soft, black, SILT, little clay, trace fine sand, little organics in bottom half, slight petroleum-like odor.		Silt
OL-0210-11	3.9		ML		Vibracore	
				0 to 12 inches is wet soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor (ML). 12 to 24 inches is wet, soft, dark gray, SILT and silt-like grains, trace fine sand, isolated pin size NAPL globules at 25 inches, slight		
)L-0210-12/OL-0272-14	0.7		SOLW	mothball odor, 24 inches to end of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor (SOLW).	Vibracore	Solvay Waste
•					OL-0210-11 3.9 ML Oto 12 inches is wet soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor (ML). 12 to 24 inches is wet, soft, dark gray, SILT and silt-like grains, trace fine sand, isolated pin size NAPL globules at 25 inches, slight mothball odor, 24 inches to end of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor	OL-0210-11 3.9 ML Oto 12 inches is wet soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor (ML). 12 to 24 inches is wet, soft, dark gray, SILT and silt-like grains, trace fine sand, isolated pin size NAPL globules at 25 inches, slight mothball odor, 24 inches to end of core is wet, soft, gray/issh-white silt-like grains, trace fine sand, mothball odor

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80032

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118423.13

Easting: 926062.69

Mud Line: 295.6 Ft

Surface Water Depth: 31.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 18.4

Water Elev: 326.6 Ft

Attempts: 1

Depth Units: Ft

Depth	Sample	PID	Mercury	USCS	,	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0210-13/OL-0272-15	1.1		ML	0 to 5 inches is wet, soft dark grayish-green silt-like grains, little fine sand, mothball odor (SOLW). 5 inches to rest of core is wet, soft, gray, SILT, little clay, trace fine sand, slight petroleum-like odor (ML).	Vibracore	Solvay Waste
15 —	OL-0210-14/OL-0272-16	3.5		ML	Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.	Vibracore	Silt
18.4	OL-0210-15/OL-0272-17	1.0	adings indicate	ML a reading	Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80033

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118853.27

Surface Water Depth: 45.4 Ft

Easting: 923782.94

Mud Line: 317.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.7

Water Elev: 362.7 Ft

Attempts: 3
Depth Units: Ft

USCS Depth Sample PID Mercury Sample Soil Description Stratum Method Ft ID (ppm) (mg/m3) Code Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor. 0 0.7 ML OL-0210-16/OL-0281-09 Vibracore Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor. OL-0210-17 2.1 ML Vibracore Silt Wet, soft, gray, silt and silt-like grains, trace clay, trace fine sand, black discoloration from 20 to 28 inches, mothball odor. OL-0210-18/OL-0271-01 5.9 ML Vibracore 5 Wet, soft, dark gray to grayish-green, silt-like grains, trace fine sand, NAPL stringer in top 1 inch, several isolated NAPL globules throughout entire core, mothbăll odor. SOLW OL-0211-01/OL-0271-02 12.6 Vibracore Solvay Waste ___ OL-0211-02/OL-0271-03

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80033

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118853.27

Surface Water Depth: 45.4 Ft

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 923782.94

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 3 Depth Units: Ft

Mud Line: 317.3 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.7

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0211-02/OL-0271-03	1.7		SOLW	Wet, soft, dark grayish-green to light grayish-green, silt-like grains, trace fine sand, NAPL stringer in top 1 inch, several mid size NAPL globules from 0 to 23 inches, mothball odor.	Vibracore	
15 —	OL-0211-03/OL-0271-04	2.0		SOLW	Wet, soft, grayish-green to green, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches and 11 to 27 inches, mothball odor.	Vibracore	Solvay Waste
19.7	OL-0211-04/OL-0271-05	2.5		SOLW	0 to 20 inches wet, soft, greenish-blue to gray, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, soft, black SILT and silt-like grains, trace fine sand, small Solvay chunks within, little clay in bottom 4 inches, faint petroleum-like odor.	Vibracore	
19./		Null field re	adings indicate	a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80034

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118808.82

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 924390.58 Mud Line: 317.3 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 45.3 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.6

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0211-06/OL-0281-10	0.8		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
-	OL-0211-07	0.9		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
5 —	OL-0211-08/OL-0271-06	2.5		SOLW	Wet, soft to very soft, black to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
10	OL-0211-09/OL-0271-07	3.2		SOLW	Wet, soft, grayish-white to green to gray, silt-like grains, trace fine sand, black discoloration from 8 to 9 inches, mothball odor.	Vibracore	Solvay Waste
10 —	L _ QL-0211=10/OL=0271-08	L	L	L	L	L	L

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80034

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Core Recovery Depth: 19.6

Northing: 1118808.82

Easting: 924390.58

Mud Line: 317.3 Ft

58

Surface Water Depth: 45.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Sullace	e vvater Deptili. 40.0	1 0	ietiation De	pui. 20.	Cole Recovery Deptil. 19.0		
Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0211-10/OL-0271-08	4.2		ML	Wet, soft dark gray silt and silt-like grains, trace fine sand, mothball odor.	Vibracore	
15 —	OL-0211-11/OL-0271-09	19.0		SOLW	0 to 31 inches is wet, soft, greenish-blue to grayish-white to greenish-blue, silt-like grains, trace fine sand, several pin size NAPL globules throughout, NAPL stringer at 19 inches, mothball odor. Rest of core is wet, soft, dark gray, silt and silt-like grains, trace fine sand, little clay in last 3 inches, slight mothball odor.	Vibracore	Solvay Waste
19.6	OL-0211-12/OL-0271-10	10.9		ML	Wet, soft, black, silt and silt-like grains, trace fine sand, trace organics, petroleum-like odor.	Vibracore	Silt/solvay waste
		Null field re	eadings indicate	a reading	was not taken.		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80035

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118788.21

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 925064.00 Mud Line: 320.0 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 42.6 Ft

Penetration Depth: 20.0

Core Recovery Depth: 19.0

	<u>'</u>		1	· ·	, , <u> </u>		
Depth	Sample	PID	Mercury	USCS		Sample	<u>.</u>
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0211-13/OL-0281-18	0.5		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
-	OL-0211-14	0.8		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
5 -	OL-0211-15/OL-0273-11	2.9		SOLW	0 to 20 inches is wet, soft, black to dark gray, silt and silt-like grains, trace fine sand, trace organics, slight petroleum-like and mothball odor. Rest of core is grayish-green to grayish-white, silt-like grains, trace fine sand, isolated pin size NAPL globules at 23 inches and 36 inches, mothball odor.	Vibracore	
-	OL-0211-16/OL-0273-12	8.1		SOLW	Wet, soft, light grayish-green to gray, silt-like grains, trace fine sand, dark gray discoloration from 15 to 22 inches, small Solvay chunks within, mothball odor.	Vibracore	Solvay Waste
10 ⊥	QL-0211-17/OL-0273-13	1	L		L		

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80035

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118788.21

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 925064.00 Mud Line: 320.0 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Widd Lille. 020.0 1 t

Surface Water Depth: 42.6 Ft Penetration

Penetration Depth: 20.0 Core Recovery Depth: 19.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10 -	OL-0211-17/OL-0273-13	1.8		ML	Wet, soft, gray to dark gray, SILT, trace fine sand, little clay in last 12 inches of core, slight petroleum-like odor.	Vibracore	
15 —	OL-0211-18/OL-0273-14	5.1		ML	Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	Silt
19.0	OL-0211-19/OL-0273-15	0.9		ML	Wet, soft, black, SILT, little to some clay, low to moderate plasticity, petroleum-like odor.	Vibracore	

Null field readings indicate a reading was not taken.

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80036

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1118777.25

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 925582.28

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Mud Line: 321.6 Ft

Surface Water Depth: 41.1 Ft Penetration D

Penetration Depth: 20.0 Core Recovery Depth: 18.5

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0215-01/OL-0281-19	0.7		ML	Wet, very soft, black, SILT, trace fine sand.	Vibracore	
	OL-0215-02	0.7		ML	Wet, soft, black, SILT, trace fine sand.	Vibracore	Silt
5 —	OL-0215-03/OL-0273-07	9.8		ML	0 to 24 inches is wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, gray, SILT and silt-like grains, trace fine sand, slight petroleum-like and mothball odor.	Vibracore	
	OL-0215-04/OL-0281-20	9.7		ML	Wet, soft, dark gray to gray, SILT, little silt-like grains, trace fine sand, petroleum-like odor.	Vibracore	Silt/solvay waste
1		I	1		1		1

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80036

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1118777.25

Water Elev: 362.7 Ft

Easting: 925582.28 Mud Line: 321.6 Ft

Logging Company: Parsons Geologist: HILLARY SLETTEN

Drilling Company: Ocean Survey Inc

Attempts: 1 Depth Units: Ft

Surface Water Depth: 41.1 Ft

Penetration Depth: 20.0

Core Recovery Depth: 18.5

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0215-05/OL-0273-08	5.2		ML	Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, petroleum-like odor.	Vibracore	
15 -	OL-0215-06/OL-0273-09	11.3		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, trace organics in bottom top, petroleum-like odor.	Vibracore	Silt
	OL-0215-07/OL-0273-10	0.8		ML	0 to 17 inches is wet, soft, black to dark grayish-brown, SILT, some clay, moderate plasticity. Rest of core is wet to medium stiff, dark grayish-brown, CLAY and silt (CL).	Vibracore	
18.5		Null fiold to	adings indicate	a roadina	was not taken.		Clay/Silt

Null field readings indicate a reading was not taken.

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0.0

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80037

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1120455.62

Drilling Company: Ocean Survey Inc

ML

Water Elev: 362.7 Ft

Easting: 927210.22

Logging Company: Parsons Geologist: MATT VETTER Attempts: 1
Depth Units: Ft

Vibracore

Mud Line: 324.5 Ft Surface Water Depth: 38.2 Ft

OL-0206-02/OL-0271-19

Penetration Depth: 4.5

Core Recovery Depth: 4.4

PID USCS Depth Sample Mercury Sample Soil Description Stratum (mg/m3) Ft Method ID (ppm) Code Wet, very soft, black, SILT, slight organic odor, low plasticity. 0 0.0 ML OL-0206-01/OL-0281-03 Vibracore Wet, very soft, black, SILT, trace brown clay from 30 to 41 inches. Silt

3.3

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80038

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119919.05

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 927090.71

Logging Company: Parsons

Attempts: 1

Mud Line: 329.0 Ft

Geologist: MATT VETTER

Depth Units: Ft

Surface Water Depth: 33.7 Ft

Penetration Depth: 4.5

Core Recovery Depth: 4.5

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0206-03	0.2		ML	Wet, very soft, black, SILT, low plasticity, slight organic odor.	Vibracore	
33	OL-0206-04/OL-0281-02	0.2		ML	Wet, very soft, black, SILT, little clay, slight organics odor, low plasticity.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80039

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119442.47

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 926887.33

Logging Company: Parsons

Attempts: 1

Mud Line: 329.0 Ft

Geologist: MATT VETTER

Depth Units: Ft

Surface Water Depth: 33.7 Ft

Penetration Depth: 4.6

Core Recovery Depth: 4.6

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0206-05/OL-0281-11	0.1			Wet, very soft, black, SILT, trace brown clay, slight organic odor, low plasticity	Vibracore	
+	OL-0206-06	0.1		ML	Black, very soft, SILT, little clay, slight organic odor, low plasticity.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80040

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119062.41

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 926712.81

Logging Company: Parsons

Attempts: 1

Mud Line: 329.5 Ft

Geologist: MATT VETTER

Depth Units: Ft

Surface Water Depth: 33.2 Ft

Penetration Depth: 4.5

Core Recovery Depth: 4.2

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0206-07	0.1			Wet, very soft, black, SILT, trace brown clay, low plasticity.	Vibracore	
+	OL-0206-08/OL-0281-12	0.1		ML	Wet, very soft, black, SILT, little brown clay, decreasing clay content with depth, low plasticity, slight organic odor.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80041

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1118839.66

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 923156.65

Logging Company: Parsons

Attempts: 1

Mud Line: 325.2 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 37.5 Ft

Penetration Depth: 4.5

Core Recovery Depth: 4.2

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0205-03	0.4		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
+	OL-0205-04/OL-0271-20	1.2		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80042

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119997.60

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 921715.77 Mud Line: 325.5 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

widu Lille. 323.5 Ft

Surface Water Depth: 37.2 Ft Penetration

Penetration Depth: 4.6

Core Recovery Depth: 4.6

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0205-01	0.4		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
3.3	OL-0205-02/OL-0281-01	0.5		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80043

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1121119.28

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 921306.92

Logging Company: Parsons

Attempts: 1
Depth Units: Ft

Mud Line: 323.7 Ft

Surface Water Depth: 39.0 Ft

Geologist: HILLARY SLETTEN
Penetration Depth: 4.2

Core Recovery Depth: 4.2

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-16	0.3		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
-	OL-0204-17	0.9		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor. Bottom 1 inch is wet, soft light gray, SILT, trace fine sand. Trace vertebrates at 34 inches.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80044

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1123842.25

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 919639.43

Logging Company: Parsons

Attempts: 1 Depth Units: Ft

Mud Line: 318.7 Ft

Geologist: HILLARY SLETTEN

Surface Water Depth: 44.0 Ft Penetration Depth: 4.5 Core Recovery Depth: 4.5

Depth	Sample	PID	Mercury	USCS	'	Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-14	0.1		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
+	OL-0204-15/OL-0281-13	0.0		ML	Wet, very soft to soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80045

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1124834.34

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 918863.97

Logging Company: Parsons

Attempts: 1

Mud Line: 326.9 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 35.8 Ft

Penetration Depth: 4.5

Core Recovery Depth: 4.0

		,					
Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0204-12/OL-0281-14	0.1		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
+	OL-0204-13	0.0		ML	0 to 10 inches is wet, soft, black, SILT, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, black to dark gray, SILT, trace fine sand, slight chlorobenzene odor.	Vibracore	Silt

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80046

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1127247.84

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 914921.90

Logging Company: Parsons

Attempts: 1

Mud Line: 329.7 Ft

Geologist: MATT VETTER

Depth Units: Ft

Surface Water Depth: 33.1 Ft

Penetration Depth: 4.5

Core Recovery Depth: 4.4

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0206-09/OL-0281-15	0.1		ML	Wet, very soft, black to gray-brown varved, SILT, trace clay, bottom 2 inches increased brown clay content, low plasticity.	Vibracore	
	OL-0206-10	0.2		ML	Top 1 foot is wet, very soft, gray to black, SILT, little clay, bottom 1.5 feet is wet, very soft, black to gray varved, SILT, little clay, low plasticity, slight organic odor.	Vibracore	Silt

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80047

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1127129.24

Drilling Company: Ocean Survey Inc

Water Elev: 362.7 Ft

Easting: 915478.38 Mud Line: 327.7 Ft Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Surface Water Depth: 35.0 Ft

Penetration Depth: 4.5

Core Recovery Depth: 4.4

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0207-06/OL-0273-01	0.5		ML	Wet, soft, black, SILT, trace fine sand.	Vibracore	
3.3	OL-0207-07/OL-0281-16	0.4		ML	Wet, soft, black to gray, SILT, little clay.	Vibracore	Silt
0.0		Vibracore	advanced bevo	nd target o	lenth to ensure sufficient sample volume. Excess		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80048

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1127200.35

Surface Water Depth: 34.9 Ft

Drilling Company: Ocean Survey Inc

Water Elev: 362.8 Ft

Easting: 915963.71

Logging Company: Parsons

Attempts: 1
Depth Units: Ft

Mud Line: 327.9 Ft

Geologist: HILLARY SLETTEN
Penetration Depth: 4.5

Core Recovery Depth: 4.0

De	pth	Sample	Р	ID	Mercury	USCS		Sample	
F	t	ID	(pr	om)	(mg/m3)	Code	Soil Description	Method	Stratum
0		OL-0207-08/OL-0272-19	0	.4		ML	Wet, soft, dark gray, SILT, some clay, low plasticity.	Vibracore	
3.3		OL-0207-09/OL-0272-20		.4		ML	Wet, soft, dark gray to black to grayish- white, SILT, some clay, low plasticity.	Vibracore	Silt
3.3			Vib.	racore s	dvanced bevo	nd target o	enth to ensure sufficient sample volume. Evcess		

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80049

Diameter: NA Date: 10/07/2006

Northing: 1119102.42

Driller: Ocean Survey Inc

Total Depth: 4.4 Ft

Easting: 922978.63

Method: NA

GW Depth: 0.0 Ft

Elevation: NA

Consultant: MATT VEDDER (Parsons)

Field Book No:

Datum: Unknown

Project No:

ı	Depth	ءِ ı	Solid Sample	PID	Mercury	Soil		
	Ft	RA	ID	(ppm)	(mg/mm3)	Code	Pattern	Soil Description
Γ	0		OL-0206-11/OL-0272-01	0.1		ML		Wet, very soft, black, SILT, little grayish-brown, low
		-	OL-0206-12/OL-0272-02	1.5		ML		elgeticity, clay, elight organic odor. to be inches's wet, very soft, gray brown, SILT, some clay, low plasticity. Rest of core is, wet, very soft, black, SILT, trace clay, petroleum-like odor, low plasticity.

Null field readings indicate a reading was not taken.

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80050

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119232.37

Easting: 924201.85

Surface Water Depth: 54.6 Ft

Mud Line: 308.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 17.0

Attempts: 1

Water Elev: 362.6 Ft

Depth Units: Ft

PID USCS Depth Sample Mercury Sample Soil Description Stratum (mg/m3) Ft Method ID (ppm) Code Wet, very soft, black, SILT, trace fine sand, petroleum-like odor. 0 0.4 ML OL-0215-09/OL-0273-04 Vibracore Wet, soft, black, SILT, trace fine sand, petroleum-like odor. OL-0215-10/OL-0273-05 1.7 ML Vibracore Wet, very soft, black to dark gray, SILT, little fine sand, petroleum-like ML OL-0215-11/OL-0282-01 17.1 Vibracore Silt 5 Wet, soft, black, SILT, trace clay, trace fine sand, petroleum-like odor. MLOL-0215-12/OL-0273-06 2.1 Vibracore L _ _ OL-0215-13

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80050

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119232.37

Surface Water Depth: 54.6 Ft

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 924201.85

Logging Company: Parsons

Attempts: 1 Depth Units: Ft

Mud Line: 308.0 Ft

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0 Core Recovery Depth: 17.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10					0 to 15 inches is wet, soft, black, SILT, little to some clay, low to moderate plasticity. Rest of core is wet, soft to medium stiff, dark grayish-brown CLAY and SILT, moderate plasticity, trace shells.		Silt
	OL-0215-13	1.1		CL		Vibracore	
15 -	OL-0215-14/OL-0282-02	1.1		CL	Wet, soft to medium stiff, dark grayish-brown, CLAY and SILT, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
17.0	OL-0215-15	0.8		CL	Wet, soft to medium stiff, dark grayish- brown, CLAY and SILT, moderate plasticity, trace shells, sulfur odor (MARL) was not taken.	Vibracore	

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80051

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119150.99

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 925420.10

Logging Company: Parsons

Attempts: 1

Mud Line: 314.4 Ft

Geologist: HILLARY SLETTEN

Depth Units: Ft

Surface Water Depth: 48.2 Ft

Penetration Depth: 20.0 Core Re

Core Recovery Depth: 19.0

Depth	Sample	PID	Mercury	USCS		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
0	OL-0217-01	0.9		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor. Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
-	OL-0217-02	0.7		ML	sand, petroleum-like odor.	Vibracore	
5 +	OL-0217-03	2.3		ML	Wet, soft, black, SILT, trace fine sand grading to wet, very soft, grayish-whit silt-like grains, trace fine sand, petroleum -like odor.	Vibracore	Silt
+	OL-0217-04	2.2		ML	0 to 17 inches is wet, very soft, grayish-white to gray, SILT and silt-like grains, little fine sand, slight petroleum and mothball odor. Rest of core is wet soft dark gray to black, silt and silt-like grains, trace clay, trace fine sand, very small Solvay chunks from 19 to 22 inches, petroleum-like odor.	Vibracore	Siit/solvay waste
₁₀	OL=0217=05	1	L	<u> </u>			

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80051

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119150.99

Drilling Company: Ocean Survey Inc

Water Elev: 362.6 Ft

Easting: 925420.10

Logging Company: Parsons Geologist: HILLARY SLETTEN Attempts: 1
Depth Units: Ft

Mud Line: 314.4 Ft Surface Water Depth: 48.2 Ft

Penetration Depth: 20.0

: 20.0 Core Recovery Depth: 19.0

Depth	Sample	PID	Mercury	uscs		Sample	
Ft	ID	(ppm)	(mg/m3)	Code	Soil Description	Method	Stratum
10	OL-0217-05	0.9	(Hig/HiS)	ML	Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, petroleum-like odor.		Silt
15 —	OL-0217-06	0.8		ML	0 to 11 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity. Rest of core is wet, soft, dark grayish-brown, SILT and CLAY, moderate plasticity, trace shells.	Vibracore	
19.0	OL-0217-07	0.6		ML	Wet, medium stiff, dark grayish-brown, SILT and CLAY, moderate plasticity, trace shells.	Vibracore	Silt/Clay

Null field readings indicate a reading was not taken.