Appendix F

Sediment Boring Logs

Site Investigation Report

Hudson River Operable Unit 2

BASF Rensselaer

Rensselaer, New York

	Client: BASF Project Number: 007			CORE NO:			
	50-041						
国内的代	Station Location: 20) 6				
	GPS Coordinates:						
	Geographic Reference	ce: NY STATE PLANE NAO 83	NY CEUTER US SURVEY ET	Sheet: 1 of			
	Water Depth (ft):	24' MLW (ft):		Core Size (in.) 42"			
	Weather: WINDY	OVERIAST @30'F	Seas: (102 21	Air Temperature: 30° [=			
Survey Vessel: Logit	K	Logged By: fN	Date: 12/2/05	Time: 1050			
Survey Personnel:	M'CARTHY	J. LUND DBO	×= 3/3/01	1000			
Sampling Equipment: V	16641085		/ L				
Estimated Penetration Range		Project Depth (ft):					
Actual Penetration (ft-in):	5	Recovery (ft-in): 3,5	C/ D				
		necordly (trut).	% Recovery:	No. Attempts:			
eg (g) SKETCH			DESCRIPTION				
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24							
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year							
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72							
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84							
04							
90							

N 420 37,849 E 73° 45,142

	CII A BACE								
	Client: BASF Project Number: 00760-171-292 403	CORE NO:							
		50-55							
ENSR.	Station Location: 2005 Hudson River - Rensselaer, NY								
	GPS Coordinates: Geographic Reference: NY STATE PLANE NADB3 NY CENTER USSURVEY								
	Water Depth (ft): 30 MLW (ft):	Core Size (in.) 37"							
	Weather: Oveli AST/windy Seas: Citoppy	Air Temperature: 30° F							
Survey Vessel: LOPHE	Cogged By: M Date: 3/2/07	Time: 1553							
Survey Personnel:	MCARTHY S. WND D. boyE								
Sampling Equipment:	1 bad copé								
Estimated Penetration Rang	ge (ft): Project Depth (ft):								
Actual Penetration (ft-in):	5'5" Recovery (ft-in): 37. % Recovery:	No. Attempts:							
# 2 CVETTON	Programme								
ad (ii) sketch	DESCRIPTION								
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	00/4/1/ (0485 5440)								
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	Sample 24' 37"								
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42° 37,773 73° 45,180

		Client: BASF	CONTINO
		Project Number: 00760-171-282 402	CORE NO:
-	1/00	Station Location: 2005 Hudson River - Rensselaer, NY	SD-19
		GPS Coordinates:	6
-		Geographic Reference: NY STATE RLANE NAD 83	Sheet: 1 of
		Water Depth (ft): 47 MLW (ft):	Core Size (in.)
			Air Temperature: 30° F
Survey	Vessel: Lophev		211.
		1 Logged By: LIVE Date: 12/2/0) 1tme: + +) =
t	ng Equipment: \(\frac{1}{1} \) The definition of the desired properties of the desired propert		
	Penetration (ft-in):		IN
<u></u>	eneration (ji-in).	Recovery (fi-in): 5 / % Recove	ry: No. Attempts:
Depth (in)	SKETCH	DESCRIPTION	
	,,,,,		
6			
12		OLIVE SILT	
18			
24	24'		
24	7		
30		OLIVE FOREED SILTY SAND	
	35"		
36			
42		PHOX CHARGOTE SILTY STND	
	46"		
48		_	
54		BLACK SILTY SAND	
60	61"		
66			
72			
70			
78			
84			
90			

42° 37.661 73° 45,207

		Client: BASF		**************************************		CORE NO:
	•		: 00760-171-2 0 2 40	SD-		
			ı: 2005 Hudson River			
3/5		GPS Coordinate				
		Geographic Ref	erence: NY STATE I	PLANE NAMOZ A	Y CENTER US SURVEY	Sheet: I of
		Water Depth (ft)		MLW (ft):	y conser - > Jurior	Core Size (in.)
			JELIAST	1.7.277 (4.5).	Seas: (ALM	Air Temperature: Q 45° F
Survey	Vessel:		Logged By:	1(Date: 12/1/05	
-	Personnel:		7	J. J. Bay	, , ,	Time: 3:08
		IBRACORE	<u> </u>).~)-{		
	ed Penetration Range		Project Depth	(ft):		
	Penetration (ft-in):	7' 6"	Recovery (ft-i		% Recovery:	No Attornato
	y ,	7	The covery (1-1)	6 7	76 Recovery:	No. Attempts:
Depth (in)	SKETCH				DESCRIPTION	
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6						
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12						
18						
ļ	22"					
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	40"					
42	7.0	()			1 1	
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54	52"	Silly c	14 413	- bud	; et ess	se soud
60	591	(0 5 se	Send			
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72						
	~ 11					
78	79"					
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O**						
90					M. M. L	

E-73° 45 03,6203 N-42° 37 51.7977

ſ			
		Client: BASF	CORE NO:
		Project Number: 00760-171-202 404	50 081
= 18 R		Station Location: 2005 Hudson River - Rensselaer, NY	30 001
		GPS Coordinates: N. 1384349.05 E. 693641.90	
		Geographic Reference: NY STATE DLANE NAD B3 NY CENTER US SURVEY FT	Sheet: 1 of
		Water Depth (ft): MLW (ft):	Core Size (in.) 72"
			Air Temperature: @ 45° F
Survey V	essel: LOPHEUS	Logged By: 1. LUND Date: 12/1/05	Time: 13',501
Survey Po	ersonnel:	LUND D. BOYE	
Sampling	Equipment:	BLACOPE	
Estimated	d Penetration Range	(ft): Project Depth (ft):	
Actual Pe	enetration (ft-in):	7 Recovery (ft-in): \ 62" % Recovery:	No. Attempts:
Depth (in)	SKETCH	DESCRIPTION	
		Red: green "inks" within core	top (coe
6			
		Durk brown silt clay mixture w	ill pockeds of
12		green; red	*
18			
10			
24			
30			
36			
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48			
	50"		
54			
		Sendy silt dark brown / black	
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66			
	n"		
72		clay plug	
		. 0	
78			
84			
90			
96			

		Client: BASF			CORE NO:
			r: 00760-171-202 402	-	SD 085
	18	Station Location	n: 2005 Hudson River - Rensselaer, I	VY	30085
***************************************		GPS Coordinat	es: N. 1384243.81 E.69	13592.71	
		Geographic Re	ference: NY STATE PLANE NAV	83 MY CENTER US SU	RVEY ET Sheet: I of
		Water Depth (fi): 19 MLW (ft).		Core Size (in.)
		Weather: O	VERCAST	Seas: CALM	Air Temperature: Q 45° F
Survey V	essel: LOPITE	US	Logged By:	Date: 12/1/0	
Survey Pe		·····		- Beye)
Sampling	Equipment:	UBRACORE			
Estimated	l Penetration Range		Project Depth (ft):		
Actual Pe	netration (ft-in):	7'6"	Recovery (ft-in): 6 10	% Recovery	
			3000	// Recovery	No. Attempts:
Depth (in)	SKETCH			DESCRIPTION	
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		Client: BASF			CORE NO:
		Project Number: 00760	50 87		
			Hudson River - Rensselaer, NY		30 01
		GPS Coordinates: N	· 1384176. E.693	588.	
		Geographic Reference:	:NY STATE PLANE NAD 8	3 NYCENTER US SURVEY FT	Sheet: 1 of
		Water Depth (ft):	5' MLW (ft):		Core Size (in.) 60 1
		Weather: OUELLAS	T	Seas: CALM	Air Temperature: @ 45° F
Survey	Vessel: LOPHES	>	Logged By:		Time: 15:20
	Personnel:	J.~ 3.42	1	1 22/	15.20
Samplii	ng Equipment: V	BRACORE	*** *** **** ***** *******************		
Estimat	ed Penetration Range		Project Depth (ft):		
Actual I	Penetration (ft-in):	61	Recovery (ft-in):	% Recovery:	
				% Recovery:	No. Attempts:
Depth (in)	SKETCH	The state of the s	r	DESCRIPTION	
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12				0	
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18					
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24	<u> 24"</u>	- Park	inorgalia ma	Jer L	
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	52"				in the chalky
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N. 42° 37,828 £ 73° 45.080

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		Client: BASF				CO	RE NO:
		Project Number: 0070				-SD- 8	20
	3 188	Station Location: 200	5 Hudson River - R	Rensselaer, NY		720 - 0	
		GPS Coordinates:					
		Geographic Reference	: NY STATE P	PLANE NAD 8	BB NYCENTER USSENETF	Sheet: 1 o	f
		Water Depth (ft):	5 '	MLW (ft):	-//	Core Size	
		Weather: OVER	AST		Seas: JAM	 	rature: @45°F
Survey	Vessel: Lophi			الا	Date: (2/1/05		
Survey		Den Bige			P 1-11103	Time:	3:35
Sampli	ng Equipment:	Vibracire	/				
	ted Penetration Range		Project Depth (ft)	•			
	Penetration (ft-in):	<u>න</u> ,					
ļ	- · · · · · · · · · · · · · · · · · · ·		Recovery (ft-in):	7'	% Recovery:	No.	Attempts:
Depth (in)	SKETCH			D	ESCRIPTION		
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E 42° 37 49.54 N 73° 45 04.1

			Client: BASF						CORE NO:
			Project Number: 0076	0-171-202		***************************************			
			Station Location: 2005 Hudson River - Rensselaer, NY				91		
<			GPS Coordinates:						
			Geographic Reference	•				Sheet:	1 of
			Water Depth (ft):	31	MLW (ft):				Size (in.)
			Weather:	· · · · · · · · · · · · · · · · · · ·		Seas:		_	mperature:
	Survey	Vessel:		Logged By:		Date:	79 MAY	Time:	1421
	Survey	Personnel:		.1			1		
	Sampli	ng Equipment:	33,2 (33) (43)	***************************************					
	Estima	ted Penetration Range	(ft):	Project Depth (ft).	•				
	Actual	Penetration (ft-in):	7'10"	Recovery (ft-in):	70 1e	0	% Recovery:		No. Attempts:
3	Depth (in)	CVETCH							
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		Client: BASF Project Number: 00760-171	1-205 14-0	-	CORE NO:
Station Location: 2005				-50-96	
-		GPS Coordinates:	son Airei - Rensselaer, NY		
			Conn. O Arm tin .		
		Water Dorth (6).	STATE PLANE NADS	3 NY CENTER US SURVEY F	Sheet: 1 of
		Water Depth (ft): 24'	MLW (ft):		Core Size (in.) (3)
Survey	Vessel. f. a.c. w	Weather: WINDY/OV		Seas: < HOPP/	Air Temperature: @ 30° F
	Vessel: Lances Personnel: 1 M		ged By: PMC	Date: 12/2/05	Time: 1149
	ng Equipment: U	CARTHY J.	LUND D. BO	1E	
	ed Penetration Range	7	ect Depth (ft):		
-	Penetration (ft-in):	7 Reco	overy (ft-in):	% Recovery:	No. Attempts:
Depth (in)	SKETCH			DESCRIPTION	
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		OFIRE (OFO	PED SILT	1	
18					
24					
30			V-000-		
	34'				
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	- Trooper				
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96					

N 42° 37,719 E 73° 45.112

		Client: BASF			CORPLYO
		Project Number: 007	160 171 208 H ~?		CORE NO:
			95 Hudson River - Rensselaer, NY		50 101
	1/5%				
		3			
		Sheet: 1 of			
		Water Depth (ft):			Core Size (in.) & O ''
		Weather: OFC	AST/WINDY Logged By: RMC	Seas: CHOPPY	Air Temperature: 30° [
	Vessel: Lophers	14.6	Logged By: VMC	Date: 12/2/05	Time: 1238
	Personnel: K, A	ARTHY J	LUND D. BOYE	\$	
		spacord			
	ed Penetration Range	•	Project Depth (ft):		
ļ	Penetration (ft-in):	3'	Recovery (ft-in): 5	% Recovery:	No. Attempts:
Depth (in)	SKETCH			DESCRIPTION	
<u> </u>					
6					
		GLIVE	COLORED SILT		
12				300000000000000000000000000000000000000	
	15"				
18	18.	P12K	CHAZIVAY/BLACK	SILT W/ STONE	5
24		aive (00200 5165		
30	2411		HARROAL STUDY		
	22"	D MEK C	HARROAL > 1NU /	514)	
36					ORGANIC
	(10)	OLIVE	COLORED CLAY/	5125	FIBERLS
42					
				Annual	
48		616HT 0	LIVE SILTY CLAY	1	
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60	60'				
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72					
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84					
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N. 42° 37.721 E 73° 45.102

		Client; BASF			
			760-171-202 407		CORE NO:
		Station Location: 20	SD-103		
		Geographic Referen	ICE: NY STATIE PLANE NADE	7 IN (0 0	Chapte I of
		Water Depth (ft):	37 MLW (ft):	13 MY CENTER US SURVEY FT	Sheet: I of Core Size (in.) 65" 63"
			CASE/WINDY		
Survey	Vessel: LOPHEUS	Treamer. OUEL	Logged By: QM	Seas: CHOPPY Date: 12/2/05	Air Temperature: 30° F Time: 1345
			J. LIND D. BOYE	Date: 12/2/05	11me: 1547
		BRACORE	3.0010 9 9018		
	ted Penetration Range		Project Depth (ft):		
Actual	Penetration (ft-in):	7	Recovery (ft-in): 5' 5'	% Recovery:	No. Attempts:
Depth (in)	CVERCY	,			No. Auempis.
Del iii	SKETCH			DESCRIPTION	
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		c 1142104	L COLOPED BLACK	OILY STUDY SILT	
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42° 37.701 73°45.123

	Client: BASF			CORE NO:
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3/S •)	104			
	Sheet: I of			
TOTAL CONTRACTOR CONTR	Water Depth (ft):	9.3 MLW (ft):		Core Size (in.)
	Weather:		Seas:	Air Temperature:
Survey Vessel:		Logged By:	Date: 10 MAY	Time: 12.06
Survey Personnel:			101439	1206
Sampling Equipment:				
Estimated Penetration Ran	ge (ft):	Project Depth (ft):		
Actual Penetration (ft-in):	9/	Recovery (ft-in): Q	% Recovery:	No. Attempts:
<u> </u>		73	7011007073.	Tvo. Tutempis.
SKETCH SKETCH			DESCRIPTION	
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		Client: BASF				CORE NO:
		Project Number: 007	760-171-202	The state of the s		
	NG :)	Station Location: 20	05 Hudson River - R	105		
		Sheet: I of				
		Water Depth (ft):	9	MLW (ft):		Core Size (in.)
		Weather:			Seas:	Air Temperature:
Survey Ve	essel:		Logged By:		Date OMAY	Time: 1434
Survey Pe	ersonnel:				1	
Sampling	Equipment:					
Estimatea	l Penetration Range	e (ft):	Project Depth (ft)	•		
Actual Pe	netration (ft-in):	9	Recovery (ft-in):	96"	% Recovery:	No. Attempts:
Depth (in)	SKETCH			100	DESCRIPTION	
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96		9/11	5			
		10				

	Client: BASF				CORE NO:			
	Project Number: 0070	CORE NO:						
ENSR	Station Location: 200	106						
E-INDW®	GPS Coordinates:		, , , , , , , , , , , , , , , , , , , ,		100			
	Geographic Reference	?:	MINO		Sheet: 1 of			
	Water Depth (ft):	2	MIW (ft):		Core Size (in.)			
	Water Depth (ft): Weather: MLW (ft): Seas:							
Survey Vessel:		Logged By:		Date: MMY	Air Temperature:			
Survey Personnel:		Doggen Dy.		Date. 901-17-9	Time: 1078			
Sampling Equipment:		Amv	\					
Estimated Penetration Range	e (ft):	Project Depth (ft	١٠					
Actual Penetration (ft-in):	7	Recovery (ft-in):		G. Passusanus	N ALL			
		Recovery (ji-in).	<u>/8</u>	% Recovery:	No. Attempts:			
SKETCH SKETCH			1	DESCRIPTION				
	7	4						
6	5 30	ft ou	ve Bou	w Sit				
8-		V						
12								
)							
18								
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	317	1 1 m G	vees	7				
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		Client: BASF Project Number: 007	760 171 202	CORE NO:		
	ENSR	Station Location: 20				
		GPS Coordinates:	os muuson Kiver - K	vensseiwer, N1		101
		Geographic Reference	201			
			<u>e.</u>			Sheet: 1 of
		Water Depth (ft):	d6	MLW (ft):		Core Size (in.)
	Survey Vessel:	Weather:			Seas:	Air Temperature:
			Logged By:		Date: OGMBY	Time: 1535
	Survey Personnel:				1	
	Sampling Equipment:					
	Estimated Penetration Rang	e (ft):	Project Depth (ft)):		
	Actual Penetration (ft-in):	106	Recovery (ft-in):	_6	% Recovery:	No. Attempts:
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			Client: BASF				CORE NO:
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		19.	Station Location: 200	108			
			GPS Coordinates:	Marie and the second se			700
			Geographic Referenc	e:			Sheet: 1 of
			Water Depth (ft):	5	MLW (ft):		Core Size (in.)
			Weather:		1	Seas:	Air Temperature:
	Survey Ve	essel;		Logged By:		Date: 10 MAY	Time: 0908
	Survey Pe	ersonnel:			***************************************	101119	0 120
	Sampling	Equipment:					
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		Client: BASF				CORE NO:
		Project Number: 007	760-171-202	109		
	=\SR	Station Location: 20	05 Hudson River - 1			
		GPS Coordinates:				
		Geographic Reference	ce:			Sheet: 1 of
		Water Depth (ft):	31'	MLW (ft):		Core Size (in.)
		Weather:			Seas:	Air Temperature:
	Survey Vessel:		Logged By:		Date 9 MAY	Time: 1324
	Survey Personnel:					
	Sampling Equipment:					
	Estimated Penetration Rang	re (ft):	Project Depth (ft	'):		
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		Client: BASF				CORE NO:		
		Project Number: 007	760-171-202			110		
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		GPS Coordinates:						
A STATE OF THE STA		Geographic Reference	e:	Walanda (1907)		Sheet: 1 of		
		Water Depth (ft):	7.5	MLW (ft):		Core Size (in.)		
		Weather:			Seas:	Air Temperature:		
	Survey Vessel:		Logged By:		Date: 10 MAY	Time: 0975		
	Survey Personnel:				7			
	Sampling Equipment:							
	Estimated Penetration Rang	ze (ft):	Project Depth (fi	ft):				
	Actual Penetration (ft-in):		Recovery (ft-in):	: 86"	% Recovery:	No. Attempts:		
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		Client: BASF				
		Project Number: 007	760-171-202			CORE NO:
	ENSR	Station Location: 200	111			
		GPS Coordinates:				7 7 7
		Geographic Referenc	e:			Sheet: 1 of
		Water Depth (ft):	,	MLW (ft):		Core Size (in.)
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	Survey Vessel:		Logged By:	V	Date: 1245	Time: 1945
	Survey Personnel:				09 MAY	
	Sampling Equipment:				- 0 1 1 mg	
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		Client: BASF				CORP. VO
		Project Number: 00%	CORE NO:			
	ENSR	Station Location: 20	- 112			
		GPS Coordinates:				
		Geographic Reference	ce:			Sheet: 1 of
		Water Depth (ft):	28	MLW (ft):		Core Size (in.)
		Weather:			Seas:	Air Temperature:
	Survey Vessel:	•	Logged By:		Date: 10 MAY	Time: OPIG
	Survey Personnel:					4326
	Sampling Equipment:					
	Estimated Penetration Range	· (ft):	Project Depth (ft,):	· · · · · · · · · · · · · · · · · · ·	
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			Client: BASF				CORE NO
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			Water Depth (ft):	20/	MLW (ft):		
			Weather:			Seas:	Core Size (in.)
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	Survey P	ersonnel:				Date: 09 MAY 06	Time: 1119
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A		GPS Coordinates:						
7		Geographic Reference			Sheet: 1 of			
			35' MLW (ft):		Core Size (in.)			
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	Survey Personnel:	sere K. Thor		e.				
	Sampling Equipment:	"OD VIDAC						
	Estimated Penetration Ran	ge (ft):	Project Depth (ft):		and the same of th			
	Actual Penetration (ft-in):		Recovery (ft-in): 10'6"	% Recovery:	No. Attempts:			
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