W	_	MW		_		-				ng ID: <b>B1B</b>								
Bore	hole	Diam.	(in.): 3	3				th (ft): 3		ct: SSFL - ISF	RA Data Gap Sampl	ing 2010 (Outf	all 009 Area)					
North	ning	(ft):	1796	836.9	9	Ea	sting (f	t): <b>2692</b>	<b>64.49</b> Job N	lumber: 100820	18	Site: B1-	-1 (North)					
Orill :	Start	Date:	03-0	9-2010	0								d By: C. Carte	r, P.	G.			
Orill	Finis	h Date	: 03-0	9-2010	0	Fir	nish Tin	ne: <b>10:1</b>	Drillin	g Contractor: B	.L. Hall	Field Inst	rumentation: I	PID				
Dept	h 1st	t H <sub>2</sub> O (1	ft):		N/A	Da	ate / Tin	ne: N/A	Drill R	Rig Type/Method:	: Hand Auger							
Dept	h H <sub>2</sub> (	O After	Drillin	g (ft): <b>I</b>	N/A	Da	ate / Tin	ne: N/A	Driller	r's Name: M. H	oehn							
Com	men	ts: Wit	hin fo	rmer b	uildi	ing pa	d, bare	soil surf	ace		Well Comp. Date:	N/A	Completion	Time	e: I	N/A		
						el slee							Backfill Time	e:		0:15	;	
																% of		il
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Sand	Med. Sand	Fine Sand	Silt/Clay
	S			0.4		1- 2-		SM	Silty Sand, very da organics, no staini	ark gray (10YR 3 ing or odor [Fill]	3/1), medium dense,	moist, contains	s minor				70	30
$\otimes$				0.4		-			Silty Sandstone, n	noist, moderately	to slightly weathere	ed, moderately	hard,				80	20
$\otimes$	S			0.1		_			slightly mable [Ch	alsworth Format								
						3-			Total Depth = 3.0	ft; terminated du	e to refusal on bedr	ock.						
									0 " 1 1 "		2000							
						_			Collected soil sam	iples S001 and S	5002.							
									Backfilled with soil	I cuttings.								
										Ü								
						4												
						_												
						_												
						5-	1											
						_												
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						6												
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						7-	]											
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						8-												
						-												
						-	1											
						9-												
						-												
						_	1											
				1	1 1	10-	1							1	1			

Borehole Dia	WH (in ):	2	  -	otal Do-	oth (ft): 3	Boring ID: <b>B1BS0173</b> Project: SSFL - ISRA Data Gap Sampling 2010 (Outfall 009 Area)					—
							ovino	`			_
Northing (ft):		7161.08			t): 2692	Job Number: 1008208 Site: B1-1 (South - D					_
Orill Start Da				Date / Time: N/A  Drill Rig Type/Method: Hand Auger  Date / Time: N/A  Driller's Name: M. Hoehn							
Orill Finish D				Date / Time: N/A Drill Rig Type/Method: Hand Auger Date / Time: N/A Driller's Name: M. Hoehn							_
Depth 1st H <sub>2</sub>		N/A		tate / Time: N/A Drill Rig Type/Method: Hand Auger tate / Time: N/A Driller's Name: M. Hoehn te surrounded by medium dense brush Well Comp. Date: N/A Com							
Depth H <sub>2</sub> O A											
					unded by				N/A		
	6-inch st	ainless s	teel slee	eve		Soil Backfill Date: 03-17-2010 Backfill Ti			12:51		
Sample Interval Retained Sample Type Recovery (%) Blow Count6" PID (ppm) Water Level Graphic Log USCS Soil Classification uscs and						Description		Sand	Med. Sand	Fine Sand	
Samp Retain Samp Samp Reco	(%) Blow Count	t) QId	1- 2- 3- 4- 5-		USCS WS Class	A Sand, dark grayish brown (10YR 4/2), medium dense, moist, contains roots, a [Native]  additione, light yellowish brown (10YR 6/4), unweathered, very thin clay coating recovered fragments [Chatsworth Formation]  al Depth = 3.0 ft; terminated due to refusal on bedrock.  lected soil sample S001 at 12:40.  additional statement of the statement of	tr	C Coars	40 Wed.	30 Eline	
6-											

Diam. ( ft): Date:	in.): 3 <b>179</b> 7		_	10	іаі Dер	th (ft): 1.	.υ	Project: SSFL - ISR	A Data Gap Sampling	ı ∠∪1∪ (Outfa	ııı uuy Area)				
	1/9/		4	I	- 4: /6	41. 0004						<b>\</b>			
Date:						t): <b>2691</b> e: <b>12:5</b> 6		Job Number: 1008208			(South - Dio				
ill Start Date: <b>03-17-2010</b> Start ill Finish Date: <b>03-17-2010</b> Finish epth 1st H <sub>2</sub> O (ft): <b>N/A</b> Date /								Logged By: A. Ruot			By: C. Carte		خ.		
							5	Drilling Contractor: B.		Field Instr	umentation: N	N/A			
								Drill Rig Type/Method:							
		g (ft): <b>N</b>				ne: N/A		Driller's Name: M. Ho			T				
			_			of draina	ge divide								
6-in	ch sta	inless	steel	l sleev	/e				Soil Backfill Date: 0	3-17-2010	Backfill Time				
acovery )	ow ount/6"	(mdd) Q	ater Level	pth (feet)	aphic Log	SCS Soil assification		ı	Description						Fine Sand
SP-SM Poor					Poorly Grad	ded Sand with Silt, brow	n (10YR 4/3), medium	dense, dry, g	gravel-size	<b>5</b>	15	<b>4</b> 0	<b>∄</b>		
SP-SM Por silts															
				'			[Chatsworth	h Formation]			oxidation				
							Collected se	oil sample S001 at 12:5	8.						
				,											
							Dackillica v	with 3011 cuttings.							
				-											
				3_											
				•											
				+											
				4-											
				7											
				+											
				5-											
				-											
				6-											
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				1											
				8-											
				1											
				9-											
					1							1	1	i I	
- 1															
	6-in	6-inch sta	6-inch stainless	6-inch stainless stee	6-inch stainless steel sleed (%) (%) Blow Count/e  1— 2— 3— 4— 5— 6— 7— 8— 8— 8—	6-inch stainless steel sleeve  (%) (%) Blow Blow Blow Blow Blow Blow Blow Blow	G-inch stainless steel sleeve   (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	Collected states   Collected to states   C	Abayong Mong Control of the part of the pa	6-inch stainless steel sleeve  Abando (2) (ab.)	Calculation of the standard of	Soil Backfill Date: 03-17-2010   Backfill Time   Backfill Date: 03-17-2010   Backfill Time   Backfill Time	Soil Backfill Date: 03-17-2010  Backfill Time:    Polity   Polity Graded Sand with Silt, brown (10YR 4/3), medium dense, dry, gravel-size siltstone fragments, contains rootlets, mica [Native]    SP-SM   Poorly Graded Sand with Silt, brown (10YR 4/3), medium dense, dry, gravel-size siltstone fragments, contains rootlets, mica [Native]    SP-SM   Poorly Graded Sand with Silt, brown (10YR 4/3), medium dense, dry, gravel-size siltstone fragments, contains rootlets, mica [Native]    SP-SM   Poorly Graded Sand with Silt, brown (10YR 6/4), slightly weathered, iron oxidation   International   International	Soil Backfill Date: 03-17-2010 Backfill Time: 1   Est.	General Statistics Steel Seeve South Seeve

Porch		MW Diam		,		т	tal Dec	th /ft\: =	: 0	Boring ID: B1B		na 2040 /0	all 000 Area'					—
		Diam.						th (ft): 5			A Data Gap Sampli		•	. ,				_
Northi				7164.8			Easting (ft): 268920.20 Job Number: 1008208 Site: B1-1 (South - Dioxins)  Start Time: 10:49 Logged By: A. Ruotolo Reviewed By: C. Carter, P.G.  Finish Time: 11:04 Drilling Contractor: B.L. Hall Field Instrumentation: N/A  Date / Time: N/A Driller's Name: M. Hoehn											
		Date:						Time: 11:04 Drilling Contractor: B.L. Hall Field Instrumentation: N/A  Time: N/A Drill Rig Type/Method: Hand Auger										
		n Date						/ Time: N/A Drill Rig Type/Method: Hand Auger / Time: N/A Driller's Name: M. Hoehn										
			-					Time: N/A  Drill Rig Type/Method: Hand Auger  Time: N/A  Driller's Name: M. Hoehn  Well Comp. Date: N/A  Completion Time										_
Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type/Method: Hand Auger  Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name: M. Hoehn  Comments: On relatively flat, grassy surface  Well Comp. Date: N/A Completion Time: N/A  Soil Backfill Date: 03-17-2010 Backfill Time: 11:04																		
													Completion	Time				
	lers	6-ir	ch sta	inless	ste	el sleev	ve		ı		Soil Backfill Date:	03-17-2010	Backfill Time					
sample Interval Retained	nple Type	covery	unt/6"	(mdd)	ter Level	oth (feet)	aphic Log	USCS Soil Classification		1	Description			Gravel	Sand	Med. Sand	Fine Sand	
Sample olitery  Sample on the Sample of Sample			ne mica	يّ	S tr	<b>W</b> 30	<b>4</b> 0											
	S					1- 2- 3- 4-			,	s yellowish brown (10YR								
×						5			\[Chatsworth	light yellowish brown (1 n Formation] n = 5.0 ft; terminated due								Ī
						_			Collected so	oil samples S001 at 10:	50 and S002 at 11:0	12.						
											555 <u>-</u> at 11.0							
						6-	1		Backfilled w	vith soil cuttings.								
						-												
						_												
						7-												
						-	-											
						8-												
						Ü												
						-	1											
						9-												
						9												
						-												

	MW								Boring ID: B1BS								_
Borehole	Diam.						th (ft): 1		-	Gap Sampling 2010			rty				_
lorthing			105.40				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1-</b>						
orill Star	t Date:	05-2	4-2010	0			e: <b>08:1</b>		Logged By: A. Golde	enberg	I	By: M. Milm		arris	, P.C	€	
rill Fini	sh Date	: 05-2	4-2010	0			ne: <b>08:3</b>		Drilling Contractor: B.I	L. Hall	Field Instr	umentation:	PID				_
epth 1s				N/A			ne: N/A		Drill Rig Type/Method:	Hand Auger							_
epth H	O After	Drillin	g (ft): <b>I</b>	N/A	Da	ate / Tin	ne: N/A		Driller's Name: M. Ho	ehn							
Commer	nts: <b>Soi</b>	l and v	/egeta	tion	at sur	face				Well Comp. Date:		Completion	Time	e: <b>N</b>	I/A		_
Sampler	s: <b>Sar</b>	nple r	etaine	d in 6	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	05-24-2010	Backfill Time			8:40		
Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s			2.3			_	SM	contains asp	vith Gravel, dark yellowis ohalt debris, rootlets, no	odor or staining [Fi	II]		20	5	20	20	
					1-			[Chatsworth	= 1.0 ft; refusal on bedr								+
					-	1		Collected so	oil sample S001 at 08:30	)							
									•								
					2-	1		Backfilled w	ith soil cuttings.								
					-	-											
					_												
					3-												
					-												
					4-	]											
					-												
					5-												
					5-												
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					6-	1											
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					-	1											
					7-	-											
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					8-												
					-												
					9-	†											
					-												

20ro	_	MW Diam		2		т.	tal Dan	th (ft):		Boring ID: Project: ISF		Gap Sampling 201	In Outfall and	Booing Bross	rtı.				_
		Diam.						th (ft): 6							пу				_
North				88.24				t): 1796		Job Number:			Site: B1		5	<b>.</b>		_	
		Date:		4-2010				e: <b>08:3</b>			A. Ruote			d By: M. Milm		sarrıs	s, P.C	<b>J</b> .	
		h Date						ne: <b>09:0</b>		Drilling Contra			Field Inst	rumentation:	PID				_
		H <sub>2</sub> O (f			N/A			ne: N/A		Drill Rig Type/I									
		O After				•		ne: N/A		Driller's Name:	R. Ca			_					
									of leaves and v	egetation		Well Comp. Date		Completion			N/A		
	lers	: Sar	nples	retain	<u>ed in</u>	6-inch	stainl	ess stee	l sleeve			Soil Backfill Date	: 05-24-2010	Backfill Tim			9:11		
<u>8</u>	_							_									% of	So	il
Sample Interval	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification				Description			Gravel		Med. Sand	Fine Sand	
	o o			0.0		1— 2— 3— 4— 5—		SP-SM	cementation	[Native]		n (10YR 4/3), medi				10	30	50	10
						6-			Total Depth =	= 6.0 ft; refusa	l on wea	thered Chatsworth	Formation San	idstone.					
									Collected soi	l samples S00	1 at 08:4	10 and S002 at 08:	57.						
						-				•									
									Racktilled wit	th soil cuttings	•								
						7-													
						-	1												
						8-													
						_													
						9-													
						-													
						-													
		- 1			1 1	10-	1		1						1	1	1	I	J

Ŵ	י ע	WIN	Н							Boring ID: <b>B1B</b> \$	<u>80178</u>							
		Diam.	`					th (ft): 0			Gap Sampling 2010			rty				_
North				4 2040				t): 1796		Job Number: 1008208		Site: B1		on D	o unio			_
Drill Start Date: 05-24-2010 Start Time: 09:30 Logged By: A. Ruotolo Reviewed By: M. Milm  Drill Finish Date: 05-24-2010 Finish Time: 09:46 Drilling Contractor: B.L. Hall Field Instrumentation:  Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type/Method: Hand Auger  Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name: R. Cano											arris	5, P.C	7.					
Comr	ment	s: On	steep	slope	with	very l	oose s	urface s	oil covered with	h leaves and twigs	Well Comp. Date:	N/A	Completion	Time	e: N	N/A		
Samp	olers	San	nple re	etaine	d in 6	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	05-24-2010	Backfill Time			9:47		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		c	Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	il Vel J/tlio
ÿ ž	Serging Description  Serging Description  Serging Description  Description  Serging Description					<b>5</b>	10	25	<b>5</b> 0	10								
						-			O and data and li	:	0\/D 0/4\#	d						
						1-			\quartz, feldsp	oar, and mica, iron oxid	ation [Chatsworth F	ormation]						
						_			directions me	et similar refusal.		o ctop out bol	900					
											3.							
						2-				J								
						-												
						3-												
						-												
						4-												
		Total Depth = 0.8 ft; refusal on sandstone bedrock. Two step-out borings in two directions met similar refusal.  Collected soil sample S001 at 09:33.  Backfilled with soil cuttings.																
						6-												
						7												
						-												
	8-																	
						-												
						9-												
						_												

	MW	H							Boring ID: <b>B1E</b>	SS0179							_
Borehole	Diam.						h (ft): 8		Project: ISRA Dat Job Number: 10082	a Gap Sampling 2010			rty				_
Northing			84.65				): 1796		-2			_		_			
Orill Start Orill Finis			4-2010				: 10:0: e: 11:1		d By: <b>M. Milm</b> rumentation:		Barris	6, P.C	<b>3</b> .	_			
Depth 1s				N/A			e: <b>N/A</b>	0	rumentation.	PID				_			
															_		
								ees, surround	Completion	Time	e: <b>N</b>	N/A					
	s: Sar	nples	retain	ed in	6-inch	inch stainless steel sleeve Soil Backfill Date: 05-24-2010									1:17		
Comments: On gentle slope withing small group of trees, surrounded by poison oak  Samplers: Samples retained in 6-inch stainless steel sleeve  Soil Backfill Date: 05-24-2010  Backfill									Est.	% o	f So	lic					
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	Mater Level  Mater Level  Mater Level  Mater Level  Mater Level  Description  Output  Output									Gravel	Coarse Sand	Med. Sand	Fine Sand		
s			0.0		1- 2- 3- 4-		ж <u>.</u>	Poorly Grac cementation	ded Sand, dark brown n [Native]	(10YR 3/3), medium (	ense, moist, v	weak		10	35	50	
s			0.0		5- 6- 7-												
s			0.0		8-			Total Depth	s dark yellowish brown  n = 8.5 ft; refusal on sa oil samples S001 at 10 vith soil cuttings.	ndstone bedrock.	nd S003 at 11	:07.					

Boroh	_	VI W Diam.		3		T-	ıtal Don	th (ft): <b>1</b>		Boring ID: <b>B1B</b> 3  Project: ISRA Data	Gap Sampling 201	Outfall 000	Roeina Prono	rtv.				
Northi				3 354.97				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1</b> -		rty				_
								•						an D	arria	. D (		_
Drill Start Date: 05-24-2010 Start Time: 11:15 Logged By: A. Goldenberg Reviewed By: M. Milman- Drill Finish Date: 05-24-2010 Finish Time: NR Drilling Contractor: B.L. Hall Field Instrumentation: PID Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type/Method: Hand Auger  Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name: M. Hoehn										arris	5, F.C	J.						
Drill Finish Date: 05-24-2010 Finish Time: NR Drilling Contractor: B.L. Hall Field Instrumentation: PIC									טוי				_					
																		_
										Dillers Name. W. HC		N/A	Completion	Time	· •	N/A		_
									l sleeve		Soil Backfill Date:		Backfill Tim			NR		
	1013	Jai	iipies	letailit	l l	i O-iiici	Stanne		Sieeve		John Dackilli Date.	03-24-2010	Dackilli Tilli			% of	F So	il.
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	S			0.2		1-		SM	friable, cont	dark yellowish brown (1 ains roots and rootlets, = 1.0 ft; refusal on root	no odor or staining	[Native]		10	5	25	25	3
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								met similar									
										vith soil cuttings.								
						2-	-		Dackilled W	nur son cuttings.								
						_												
						3-	1											
						_	1											
						4-	-											
						_	1											
						5												
						_												
						6	1											
						_												
						7-	1											
						_												
						8-	1											
						-												
						0												
						9-	1											
						-												
				l .	1 1	10-										1		1

<b>W</b>	_	MW Diam		,			4-1 5	41- /ft\ -		Boring ID: B1BS		0 045-11 000	Deele - P	<b>.</b>				_
			(in.): 3					th (ft): 5			Sap Sampling 201			rty				_
Northi				50.48				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1</b> -						
		Date:		5-2010			art Time			Logged By: A. Ruoto		I	By: <b>M. Milm</b>		Barris	s, P.0	3.	
Drill Finish Date: 05-25-2010 Finish Time: 14:23 Drilling Contractor: B.L. Hall  Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type/Method: Hand Auger  Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name: R. Cano										Field Inst	rumentation:	PID						
																		_
										Driller's Name: R. Car			1					
Comn	nent	s: <b>On</b>	flat, sp	parsel	y veç	getated	d surfac	ce			Well Comp. Date:	N/A	Completion	Time	e: <b>N</b>	N/A		
	lers:	Sar	nples	retain	ed in	6-inch	stainl	ess stee	l sleeve		Soil Backfill Date:	05-25-2010	Backfill Tim			4:23		
ā								_								% o	f So	il
Sample Interval	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
	s			0.0		1— 2— 3— 4—		SP-SM	weak cemen	ed Sand with Silt, yellow	ive soil from anoth	er part of site)]	ense, moist,	tr	10	40	40	10
~~						5-	5		Total Depth	= 5.0 ft; terminated prio	r to refusal on bedr	ock.						
									Collected so	il samples S001 at 14:1	2 and S002 at 14.2	22.						
						-				•		-						
									Backfilled wi	th soil cuttings.								
						6												
						-	1											
						7-												
						_												
						8-	]											
						-												
						9-												
						<b>3</b>												
						-												
	1				1	10-									1	1	I	1

Porch	_	VI W		,		T-	tal Dar	th (ft): 4		Boring ID: B1BS		Outfall ood	Pooina P	etı -				
		Diam.						th (ft): 1			Gap Sampling 201			rty				_
Northi				245.69				t): 1796		Job Number: 1008208		Site: B1-					_	_
		Date:		5-2010				e: 13:4		Logged By: A. Ruoto		I	By: M. Milm		arris	S, P.C	j.	
								ne: 14:0		Drilling Contractor: B.L		Field Instr	umentation:	PID				_
Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type/Method: Hand Auger  Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name: R. Cano															_			
						•				Driller's Name: R. Car		NI/A	0	<b>-</b>		1/4		
									-1				Completion			N/A	ı	_
	iers:	San	npie re	etaine	a in	6-incn	stainie	ss steel	sieeve		Soil Backfill Date:	05-25-2010	Backfill Tim			14:04 % of		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	10,110
	S			0.0		1-		SP-SM	Poorly Grad cementation	led Sand with Silt, browr n [Fill (possibly native so	i (10YR 4/3), medii il from another parl	ım dense, mois of site)]	t, weak	tr	10	30	50	1
						-	25.52 (6.12)25		Total Depth	= 1.5 ft; refusal on weat	hered Chatsworth	Formation Sand	dstone.					T
									Collected so	oil sample S001 at 13:46								
						2-	1				<b>'·</b>							
									Backfilled w	ith soil cuttings.								
						_												
						3-	1											
						_												
						_												
						4	1											
						_												
						5	1											
						_												
						_												
						6	1											
						_												
						_												
						7-	1											
						_												
						8-	]											
						-												
						9-	]											
						9-												
						-												
	- 1			1	1 1	10-										1	l	1

Porch	ماد '	Diam.	(in ): 1	,		<sub>+</sub> -	tal Da	th /#\. 4		Boring ID: <b>B1B</b>		Outfall 000	Pooine Prov	rts :				_
							Total Depth (ft): 1.5 Project: ISRA Data Gap Sampling 2010, Outfall 009, Boeing Project: ISRA Data Gap Sampling 2010, Outfall 009, I											_
Northin				35.82 5 204 <i>0</i>													_	_
		Date:		5-2010												i, P.C	<b>J</b> .	
		Date:					Date / Time: N/A Drill Rig Type/Method: Hand Auger  Date / Time: N/A Driller's Name: R. Cano  Stated surface within a group of tall bushes Well Comp. Date: N/A Completic											_
		H <sub>2</sub> O (f	•		N/A													_
		) After				•												
							d surface within a group of tall bushes Well Comp. Date: N/A Comp. stainless steel sleeve Soil Backfill Date: 05-25-2010 Back									I/A		
	lers:	San	nple re	etaine	d in 6	6-inch										2:56		
Sample Interval	Sample Type  Sample Type  Secovery  Secovery								Gravel	Coarse Sand ta	Med. Sand	Fine Sand						
	S	O.0  SP-SM Poorly Graded Sand with Silt, brown (10YR 4/3), medium dense, moist, weak cementation, mica present [Fill (possibly native soil from another part of site)]  1— Sandstone, light yellowish brown (10YR 6/4), unweathered, unfractured, competent [Chatsworth Formation]									5	10	35	40				
						_	25-17-14-2		¬ Sandstone, lig	ght yellowish brown (1	0YR 6/4), unweather	ered, unfracture	ed,					‡
									competent [Ch	hatsworth Formation]								
						^		\competent [Chatsworth Formation]  Total Depth = 1.5 ft; refusal on Chatsworth Formation Sandstone.										
						2-	1	\competent [Chatsworth Formation]										
								\competent [Chatsworth Formation]  Total Depth = 1.5 ft; refusal on Chatsworth Formation Sandstone.  Collected soil sample S001 at 12:43.										
						-	+		Backfilled with	h soil cuttings.								
						3-												
						3-												
						-												
						4	]											
						4												
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						5	]											
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						-	1											
						8-												
						_	1											
						9-												
						-	1											
					( I	10-	1							1	1	i		

Borehole Diam.	(in ): 2		Total Dan	oth (ft): 3.		Boring ID: <b>B1B</b> Project: ISRA Data	Gap Sampling 2010	Outfall 000	Rooing Pros	rtı :				
										ιιy				_
Northing (ft):	269360.09 05-25-2010		Start Time	ft): 17969 e: 13:21		Job Number: 1008208 Logged By: A. Ruot		Site: B1-		on B	o rrio	. D.		_
<u>Drill Start Date:</u> Drill Finish Date:				ne: <b>13:34</b>					d By: <b>M. Milm</b> rumentation:		arris	, P.C	<b>J</b> .	
					•	Drilling Contractor: B.		Field Inst	rumentation:	עוץ				_
Depth 1st H <sub>2</sub> O (f	,		Date / Tir			Drill Rig Type/Method:								_
Depth H <sub>2</sub> O After			Date / Tir			Driller's Name: R. Ca			Ta					
Comments: On	_					hydromulch	Well Comp. Date:		Completion			I/A		
Samplers: <b>San</b>	nples retain	ed in 6-iı	nch stainl	ess steel	sleeve		Soil Backfill Date:	05-25-2010	Backfill Tim			3:34		_
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6" PID (ppm)	Water Level Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s	0.0		1— 2— 3—	SP-SM	Poorly Grad cementatio	ded Sand with Silt, brow n [Fill (possibly native s	n (10YR 4/3), mediu	im dense, moi: of site)]	st, weak	tr	10	40	40	
S	0.0		4 5 7 8		Collected s	n = 3.5 ft; refusal on wea oil samples S001 at 13: with soil cuttings.			dstone.					

W	MW				- 1				Boring ID: <b>B1B</b> \$								_
Borehol	e Diam.	(in.): 3	3		То	tal Dep	th (ft): 2	i.0	Project: ISRA Data	Gap Sampling 2010	), Outfall 009,	Boeing Prope	rty				_
Northing	(ft):	2693	374.92		Ea	sting (f	t): <b>1796</b>	920.42	Job Number: 1008208	}	Site: <b>B1-</b>	2					_
Orill Sta	rt Date:	05-2	5-2010	)	Sta	art Time	e: <b>13:0</b> :	2	Logged By: A. Ruot	olo	Reviewed	By: M. Milm	an-B	arris	, P.C	€.	_
Orill Fini	sh Date	: 05-2	5-2010	)			ne: <b>13:1</b>	6 I	Drilling Contractor: B.I	L. Hall	Field Instr	umentation: I	PID				_
Depth 1	st H <sub>2</sub> O (	ft):	1	N/A	Da	ite / Tin	ne: N/A		Drill Rig Type/Method:	Hand Auger							_
Depth H	<sub>2</sub> O After	Drillin	g (ft): <b>N</b>	N/A	Da	ite / Tin	ne: <b>N/A</b>		Driller's Name: R. Ca	no							_
Comme	nts: On	edge (	of dirt	road	l, surfa	ce cov	ered wit	h weathered hy	ydromulch	Well Comp. Date:		Completion	Time	e: <b>N</b>	I/A		
	s: Sar	mple re	etaine	d in (	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	05-25-2010	Backfill Time			3:16		_
Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
S			0.0		1-		SP-SM	Poorly Grade cementation	ed Sand with Silt, brown [Fill (possibly native so	n (10YR 4/3), mediu pil from another part	m dense, dry, of site)]	weak	tr	10	40	40	
					2-	634646		Total Depth :	= 2.0 ft; refusal on wea	thered Chatsworth I	Formation San	dstone.					+
								•									
					-			Collected sol	il sample S001 at 13:09	9.							
								Backfilled with	th soil cuttings.								
					3-												
					3												
					-												
					4-												
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					6-												
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								Boring ID: <b>B1B</b> \$								
Borehole Diam	. (in.): :	3		Tot	tal Dept	h (ft): <b>1</b>	2.5		Sap Sampling 2010			rty				
Northing (ft):		111.08				): 1796		Job Number: 1008208		Site: <b>B1-2</b>						
Orill Start Date						: 08:4		Logged By: A. Ruoto			By: M. Milm		arris	s, P.C	Э.	
Drill Finish Dat		5-2010	0	Fin	ish Tim	e: <b>10:5</b>	3	Drilling Contractor: B.L		Field Instr	umentation:	PID				_
Depth 1st H <sub>2</sub> O			N/A	Dat	te / Tim	e: <b>N/A</b>		Drill Rig Type/Method:								_
Depth H <sub>2</sub> O Afte				•		e: <b>N/A</b>		Driller's Name: R. Car								_
Comments: W	ithin no	rtherr	n part	of B1-	-2 drain	inge			Well Comp. Date:	N/A	Completion	Time	: N	N/A		_
	mples	retain	ed in (	6-inch	stainle	ss stee	l sleeve		Soil Backfill Date:	05-25-2010	Backfill Tim			0:53		
Sample Interval Retained Sample Type Recovery	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s s		0.4		2— 		SP-SM	cementatio	ded Sand with Silt, browr n, mica present [Native] s dark yellowish brown (1					10	30	50	,
s s		75		8-			v becomes	s dark greenish gray (GLI	EY 1 4/1), distinct h	ydrocarbon odd	or					
s s		20		12		SC-SM	clay, ~10%	ey Sand, dark greenish gr silt, distinct hydrocarbon n = 12.5 ft; terminated pri oil samples S001 at 08:4	odor or to refusal on bed	rock.			10	30	35	
				16-			Backfilled v	vith soil cuttings.								

<u> Ψ</u>		MW				1_				Boring ID: <b>B1B</b>								_
		Diam.						th (ft): 1			Gap Sampling 201			rty				_
Northi				118.59				t): <b>1796</b>		Job Number: 100820		Site: <b>B1-</b> 2						
		Date:		5-2010				e: 08:13		Logged By: A. Ruo			By: M. Milm		arris	s, P.0	3.	
		Date:						ne: <b>08:3</b>		Drilling Contractor: B		Field Instr	umentation:	PID				_
		H <sub>2</sub> O (f			N/A			ne: N/A		Drill Rig Type/Method								_
		) After						ne: N/A		Driller's Name: R. Ca								_
									gravel and aspl	nait chunks	Well Comp. Date:		Completion			N/A		_
	iers:	San	npie re	etaine	d in	6-incn	stainle	ss steel :	sieeve		Soil Backfill Date:	05-25-2010	Backfill Tim			08:38 % of		.ii
Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	S			3.4		1-		SP-SM	Poorly Grade weak cement	ed Sand with Silt, dark tation, mica present [I	s brown (10YR 3/3), i Fill]	medium dense,	moist,	10	15	30	35	
						_			Total Depth = refusal.	= 1.5 ft; refusal on asp	ohalt. Three step-ou	t borings met si	milar					Ī
						2-	-			l sample S001 at 08:1	16.							
						_			Backfilled wit	th soil cuttings.								
						3-												
						3												
						-	1											
						4-	-											
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Roreh	ole I	Diam.	(in )· '	3		To	ital Den	th (ft): <b>0</b>		Boring ID: <b>B1BS(</b> Project: ISRA Data Ga	ap Sampling 2010	). Outfall nng I	Boeina Prope	rtv				_
Northi				217.29				t): <b>1796</b>		Job Number: 1008208	ap camping 2010	Site: <b>B1-</b>		ıty				_
		Date:		4-2010				e: <b>12:3</b>		Logged By: A. Golden	hera		By: <b>M. Milm</b>	an-R	arrio	: P (	3	_
		n Date:						ne: <b>12:5</b>		Drilling Contractor: <b>B.L.</b>			umentation:		arris	,	<i>.</i>	_
		H <sub>2</sub> O (f			N/A			ne: <b>N/A</b>		Drill Rig Type/Method: H		T ICIG IIIGU	differitation.					_
		O After						ne: N/A		Driller's Name: M. Hoeh								_
						•		es at sui	•		Well Comp. Date:	N/Δ	Completion	Time	· I	N/A		_
								ss steel			Soil Backfill Date:		Backfill Time			2:55		_
	1013.	. Jan	iipie it	- tairie	<u> </u>	U-IIICII	Stanne		Siceve		Joil Backlill Bate.	03-24-2010	Dackiii Tiili			% of		il
Sample Interval	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	S			0.1		-	•	SM	contains roo	orown (10YR 5/3), dense, ts and rootlets, no odor o	dry to moist, suba ir staining [Native]	ingular gravel,	porous,	10	5	35	20	
							Vicional V			= 0.8 ft; refusal on Chatsv		Sandstone. On	e step-out					t
						1-			boring 0.5 ft	to south met similar refus	sal.							
									Collected so	il sample S001 at 12:40.								
						-			Backfilled wi	th soil cuttings.								
									Backinica Wi	ar son catarigs.								
						2-	- 1											
						_												
						_												
						3-												
						-												
						4												
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						9-	1											
						-												
	1			1		10-												-1

WW (		I	T-1 15	.41- 700		Boring ID: B1B\$		0.45 !! 555	D 5					
Borehole Diam. (			Total Dep			•	Gap Sampling 2010			rty				_
Northing (ft):	269192.80		Easting (			Job Number: 1008208		Site: B1				_		_
Orill Start Date:			Start Tim			Logged By: A. Ruot			d By: M. Milm		Barris	s, P.0	3.	
Drill Finish Date:			Finish Tir			Drilling Contractor: B.I		Field Inst	rumentation:	PID				
Depth 1st H <sub>2</sub> O (fi			Date / Tir			Drill Rig Type/Method:	_							_
Depth H <sub>2</sub> O After			Date / Tir			Driller's Name: R. Ca								
Comments: On t							Well Comp. Date:		Completion	Time		N/A		
Samplers: Sam	ples retain	ed in 6-iı	nch stain	ess stee	l sleeve		Soil Backfill Date:	05-26-2010	Backfill Tim			11:12		
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6" PID (ppm)	Water Level Depth (feet)	Graphic Log	USCS Soil Classification		ι	Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s	0.0		0- - - 1- 2- - - 3-	SP-SM	cementation  √ small chu	led Sand with Silt, brown  [Fill]  Inks of asphalt present in	n auger bucket	m dense, dry,	weak	tr	10		40	
S	0.0		4-		Collected so required to o	= 4.0 ft; refusal on aspl bil samples S001 at 10:2 collect S002, which was backfilled with soil cuttin	28 and S002 at 10:4 collected from step	7. Five step-c	out borings utheast.			40	50	1
			5											

	MW				T_				Boring ID: B1B								_
Borehole							th (ft): 1			Gap Sampling 2010			rty				_
Northing			291.69				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1-</b>						_
Orill Star							e: <b>09:1</b>		Logged By: A. Gold	_	I	By: M. Milm		arris	, P.C	<b>)</b>	_
Orill Finis			5-2010	)			ne: <b>09:3</b>		Drilling Contractor: <b>B.</b>		Field Instr	umentation:	PID				_
Depth 1s				N/A			ne: N/A		Drill Rig Type/Method:								_
Depth H <sub>2</sub>							ne: N/A		Driller's Name: M. Ho			T					_
Commer	ts: On	edge (	of dirt	roac	d, surfa	ace cov	ered wit	h hydromulch		Well Comp. Date:		Completion	Time	e: N	I/A		_
	s: Sar	nple re	etaine	d in	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	05-25-2010	Backfill Tim			9:40		
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s			0.6		1-		SM	rootlets, no o	orown (10YR 4/3), densodor or staining [Fill]  = 1.2 ft; refusal on rock				5	5	30	25	
					-	-		1 ft to northy	vest met similar refusal		or. One step-	out boring					
								Collected so	il sample S001 at 09:18	8.							
					2-			Backfilled wi	th soil cuttings.								
					-												
					3-	1											
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					4	]											
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					6-	1											
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					9-	†											
					-												
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Borok	مام	Diam.	(in ): 1	 ۲		To	tal Den	th (ft): <b>5</b>		Boring ID: <b>B1B</b> Project: ISRA Data	Gap Sampling 201	U Unitali uuo	Roeina Propo	rtv				
North				261.12				t): <b>179</b> (		Job Number: 100820		Site: B1		ıty				_
		Date:		5-2010				e: <b>09:</b> 4		Logged By: A. Gold			dBy: <b>M.Milm</b>	an B	arric			
		Date. h Date						ne: <b>12:0</b>		Drilling Contractor: <b>B</b>	_	1	rumentation:		arris	, г.	<b>J</b> .	
		H₂O (1			N/A			ne: <b>N/A</b>		Drill Rig Type/Method		Field IIIst	iumentation.	רוט				_
		O After						ne: N/A		Driller's Name: M. H								_
								hydrom	•	Dillers Name. W. H	Well Comp. Date:	N/A	Completion	Time	· N	N/A		
									el sleeve		Soil Backfill Date:		Backfill Tim			2:00		
	ners	. Jai	iipies	retairi	eu iii	0-IIICI	Stallill		sieeve		Soli Backilli Date.	05-25-2010	Dackiiii Tiiii			% of		il.
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	Cilt/Clox
	S			4.2		1— 1— 2—		SM	Silty Sand, on odor or s	dark yellowish brown ( staining [Fill]	10YR 4/4), dense, di	y to moist, slig	htly clayey,	5	5	25	25	4
	S			681		3-			very stror	ng odor very dark greenish gr	av (GLEV 1 3/1), mo	ist slightly ma	rser sand					
	S			1524		4— 5—			very stror	ng odor and staining			isei saiiu,	5	10	30	20	4
						-				oil samples S001 at 10	.00, 5002 at 10.09, 8	and Sous at 10						
									Backfilled w	ith soil cuttings.								
						6-												
						Ū												
						_												
						7-												
						-												
						8-												
						_												
						9-												
						-												

Borehole	Diam	(in ): 1	3		T_	stal Don	th (ft): <b>5</b>		Boring ID: <b>B1B</b> Project: <b>ISRA Data</b>	Gap Sampling 201	Outfall 000	Roeina Propo	rtv.				
Northing			3 235.07				t): <b>1796</b>		Job Number: 100820		Site: <b>B1</b> -		ιy				_
Drill Star			5-2010				e: <b>12:3</b>		Logged By: A. Gold			By: <b>M.Milm</b>	an D	arria	. D		_
Drill Fini							ne: <b>13:1</b>		Drilling Contractor: <b>B</b> .	_	1	rumentation: <b>I</b>		allis	5, F.V	<b>J</b> .	
Depth 1s				N/A			ne: <b>N/A</b>		Drill Rig Type/Method:		Fleid IIISt	rumentation. I	עוי				_
Depth H		-					ne: N/A		Driller's Name: <b>M.</b> Ho								_
Commer									Dillers Name. M. H	Well Comp. Date:	N/A	Completion	Timo	· I	N/A		
							ess stee	l cloovo		Soil Backfill Date:		Backfill Time			13:10		
	S. Jai	iipies	retairi	eu III	0-IIICI	Stailli		i Sieeve		Soli Backilli Date.	03-23-2010	Dackilli Tillik			% o		il.
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s			0.5		1		SM	Silty Sand, r (10YR 4/4),	mottled yellowish browr dense, dry to moist, fe	i (10YR 5/6) and dai w gravel, no odor or	rk yellowish bro	own	10	5	30	20	3
s			0.1		3 - 4		SM	Silty Sand w subrounded	vith Gravel, dark brown I gravel [Fill]	(10YR 3/3), dense,	moist, angular	to	20	5	20	25	31
<b>∞</b>					5-	2012.05.41.25		Total Depth	= 5.0 ft; terminated pri	or to refusal on bedr	ock.						t
									oil samples S001 at 12:								
					-				•	+v anu 3002 ät 13:t	ω.						
								Backfilled w	ith soil cuttings.								
					6												

₩ MWH				Boring ID: <b>B1BS0193</b>						
Borehole Diam. (in.):	3	Total D	epth (ft): 1	0.0 Project: ISRA Data Gap Sampling 2010	, Outfall 009, Boeing Proper	ty				
Northing (ft): 2692	233.17	Easting	(ft): <b>179</b>		Site: <b>B1-2</b>					
Orill Start Date: 05-2	4-2010	Start T	me: 12:5	Logged By: A. Goldenberg	Reviewed By: M. Milma	an-B	arris	s, P.0	3.	
Orill Finish Date: 05-2	4-2010	Finish	Time: <b>13:5</b>	Drilling Contractor: B.L. Hall	Field Instrumentation: P	PID				
Depth 1st H <sub>2</sub> O (ft):	N/A		Time: N/A	Drill Rig Type/Method: Hand Auger						
Depth H <sub>2</sub> O After Drilling			Time: N/A	Driller's Name: M. Hoehn						
Comments: Soil with				Well Comp. Date:				N/A		
Samplers: Samples	retained in	6-inch sta	inless stee	sleeve Soil Backfill Date:	05-24-2010 Backfill Time			4:00		_
Sample Interval Retained Sample Type (%) Blow Count/6"	PID (ppm) Water Level	Depth (feet)	USCS Soil Classification	Description		Gravel	Coarse Sand	Med. Sand	Fine Sand	
s s	0.3	2-	SM	Silty Sand, brown (10YR 4/3), medium dense, moist, po rootlets, no odor or staining [Fill]	rous, contains roots and	5	10	35	30	
<b>S</b> s	0.1	4-	SC	Clayey Sand, dark yellowish brown (10YR 3/4), medium organic-rich, contains roots, no odor or staining [Alluviur	dense, moist, n]		10	20	30	0
×		8		Sandstone, brownish yellow (10YR 6/6) and dark yellow moist, weathered, slightly friable, no odor or staining [Ch						
s s	0.1	10		becomes less weathered, hard						
		12   14  16 		Total Depth = 10.0 ft; refusal on bedrock. One step-out met similar refusal.  Collected soil samples S001 at 13:10, S002 at 13:17, ar Backfilled with soil cuttings.						

	MV				Π_				Boring ID: B1B			<u> </u>					_
Borehole							th (ft): 3		,	Gap Sampling 201	<del></del>		rty				_
Northing			239.89				t): <b>1796</b>		Job Number: 1008208		Site: B1						
Orill Star							e: 10:4		Logged By: V. Vath		I	By: <b>M. Milm</b>		Barris	s, P.0	3.	
Orill Fini							ne: <b>11:0</b>		Drilling Contractor: B.		Field Inst	rumentation:	N/A				
Depth 1s				N/A			ne: N/A		Drill Rig Type/Method:								_
Depth H		r Drillir	ıg (ft):	N/A	Da	ate / Tin	ne: N/A		Driller's Name: M. Ho								_
Commer										Well Comp. Date:		Completion	Time		N/A		
	s: <b>S</b> a	mples	retain	ed in	6-incl	n stainle	ess stee	l sleeve		Soil Backfill Date:	07-27-2010	Backfill Tim			11:00		_
Sample Interval Retained Samole Tvoe	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		1	Description			Gravel	Coarse Sand :	Med. Sand	Fine Sand	
s					1 2 3		SM	Silty Sand, I staining [Fill	ight yellowish brown (1	OYR 6/4), loose, dry	, fine gravel, n	o odor or	10		10	50	
					4-			Total Depth Collected so	Chatsworth Formation] = 3.5 ft; refusal on bed bil samples S001 at 10: with soil cuttings.		64.						ŧ
					5-												
					6-	-											
					7-	-											
					8												
					9-												
					10-												

	MW		• • • • • • • • • • • • • • • • • • •		<sub>+</sub> -	tal Dec	th (ft): 4		Boring ID: <b>B1B</b> Project: <b>ISRA Data</b>	Gap Sampling 201	n Outfall oon	Dooing Dage	et.				_
Borehole									,		·		erty				_
Northing (			199.50				t): 1796		Job Number: 1008208		Site: B1-					_	_
Orill Start			7-2010				e: 11:2		Logged By: V. Vath		1	By: M. Miln		sarrıs	s, P.C	<b>J</b> .	
Orill Finis							ne: 11:3		Drilling Contractor: B.		Field Inst	rumentation:	N/A				_
Depth 1st				N/A			ne: N/A		Drill Rig Type/Method:								
Depth H <sub>2</sub> (							ne: N/A		Driller's Name: M. Ho			1 -					_
Comment										Well Comp. Date:		Completion	Time		N/A		_
Samplers	: San	nples	retain	<u>ed in</u>	6-inch	n stainl	ess stee	l sleeve		Soil Backfill Date:	07-27-2010	Backfill Tim			1:37		_
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
					1— 2— 3—		SM	[Fill - Rewor	yellowish brown (10YR ked Native Soil]	<i>0.</i> 1+1, 1003€, α1y, 1111€	graver, no ode	or Stanling	5		tr	65	
					-			\Sandstone [	[Chatsworth Formation]			/					ŧ
					5-	-		Total Depth Collected so	= 4.5 ft; refusal on bed oil samples S001 and D oith soil cuttings.		002 at 11:35.						
					6-	-											
					7-												
					8-												
					9-	-											
					10-												

	MW								Boring ID: B1B								_
	e Diam.						th (ft): 1			Gap Sampling 2010			rty				_
lorthing			184.09				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1-</b>						_
	rt Date:						e: 11:0		Logged By: V. Vatha		I	By: M. Milm		Barris	, P.C	€	
	sh Date		7-2010	0			ne: 11:1		Drilling Contractor: B.		Field Instr	umentation:	N/A				_
	st H <sub>2</sub> O (			N/A			ne: N/A		Drill Rig Type/Method:								_
epth H	<sub>2</sub> O After	Drillin	g (ft): <b>I</b>	N/A	Da	ate / Tin	ne: N/A		Driller's Name: M. Ho								_
Comme	nts:									Well Comp. Date:		Completion	Time	e: <b>I</b>	N/A		
	rs: Sar	nple re	etaine	d in	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	07-27-2010	Backfill Tim			1:18		_
Sample interval Retained	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		ı	Description			Gravel	Sand	Med. Sand	Fine Sand	
S					0- - 1-		SM	Silty Sand,	very pale brown (10YR	7/4), loose, dry, no (	odor or staining	[Fill]	5		10	55	
					-	<u>:::::::::::::::::::::::::::::::::::::</u>		\Sandstone	[Chatsworth Formation]			/					ŧ
									= 1.5 ft; refusal on bed	rock.							
					2-			Collected so	oil sample S001 at 11:0	R Collect duplicate	sample at B1B	S0195 due					
								to hard drilli	ng at this location.	o. Concot adplicate	Sample at BTE	00100 aac					
								Backfilled w	vith soil cuttings.								
					_			Dackilled W	in son cullings.								
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<u> </u>	MV								Boring ID: B1BS								_
		n. (in.):					oth (ft): 0			Gap Sampling 2010			rty				_
Northin			167.56				ft): <b>179</b> 6		Job Number: 1008208		Site: <b>B1-</b>						_
		: 07-2					e: <b>12:5</b>		Logged By: V. Vatha			By: M. Milm		Barris	, P.C	3.	_
Orill Fir	nish Da	te: <b>07-</b> 2	27-201	0			me: <b>13:1</b>		Drilling Contractor: B.L	Hall	Field Instr	umentation:	N/A				_
Depth	1st H <sub>2</sub> O	(ft):		N/A	Da	ate / Tir	ne: N/A		Drill Rig Type/Method:	Hand Auger							_
Depth I	H₂O Aft	er Drillir	ng (ft):	N/A	Da	ate / Tir	ne: N/A		Driller's Name: M. Ho	ehn							_
Comme	ents: S	hrubs a	nd ro	ots at	t surfa	ce				Well Comp. Date:	N/A	Completion	Time	e: <b>N</b>	N/A		_
Sample	ers: S	ample r	etaine	d in	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	07-27-2010	Backfill Tim			3:10		
a N							_								% of	So	اiد
Sample Interval Retained	Sample Type Recovery	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		С	Description			Gravel		Med. Sand	Fine Sand	
	s				U-		SW-SM	Well Graded roots, no odd	Sand with Silt, yellowis or or staining [Fill - Rew	sh brown (10YR 5/4 orked Native Soil]	), loose, dry, fir	ne gravel,	5	10	45	30	
					-			Sandstone [	Chatsworth Formation]			/					$\pm$
									= 0.5 ft; refusal on bedr	ock.							
					1-	1		Collected ==	il cample 2001 at 12:00	)							
					•			Collected So	il sample S001 at 13:02	<del>.</del> .							
								Backfilled wi	th soil cuttings.								
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Boreho	ole D	iam /	in )· 1	3		To	tal Den	th (ft): 0		Boring ID: <b>B1B</b> S	Gap Sampling 2010	). Outfall nng 1	Boeina Prope	rtv				
orthin				307.78				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1-</b> 2		ıty				_
				7-2010				e: <b>09:5</b>		Logged By: V. Vatha				D			_	_
Orill Sta												I	By: M. Milm		arrıs	i, P.C	۶.	
				7-2010				ne: 10:0		Drilling Contractor: B.I		Field Instr	umentation: I	N/A				_
Depth					N/A			ne: N/A		Drill Rig Type/Method:								_
				g (ft): <b>I</b>				ne: N/A		Driller's Name: M. Ho								
						n at su					Well Comp. Date:		Completion			I/A		
	ers:	Sam	iple re	etaine	d in (	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	07-27-2010	Backfill Time			0:04		_
Retained	Sample Type	Kecovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil  Classification	Silty Sand r	pale brown (10YR 6/3),	Description	el roots no od	or or	o Gravel	Coarse Sand	Med. Sand 5	9 Fine Sand 6	
	s							Olvi	staining [Fill]		1003c, dry, lifte grav	Ci, 100t3, 110 00	ioi oi	"				
$\otimes$						_												╪
										Chatsworth Formation] = 0.5 ft; refusal on bedi	rock		/					
						_				,								
						1-			Collected so	oil sample S001 at 09:57	7.							
									Backfilled w	ith soil cuttings.								
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	MW				T_	4-15	4h /ft\ -		Boring ID: B1BS		O.45-11 000	Daala - D	4				_
Borehole							th (ft): 0			Gap Sampling 2010			ty				_
Northing			270.36				t): <b>1796</b>		Job Number: 1008208		Site: <b>B1-</b>				_		_
Orill Start							e: 10:0		Logged By: V. Vatha			By: M. Milma		arris	s, P.C	j.	
Orill Finis							ne: 10:1		Drilling Contractor: B.I		Field Instr	umentation: N	I/A				_
Depth 1st		_		N/A			ne: N/A		Drill Rig Type/Method:								_
Depth H <sub>2</sub>							ne: N/A		Driller's Name: M. Ho								_
Commen										Well Comp. Date:		Completion			N/A		_
Samplers	: Sar	nple re	etaine	d in (	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	07-27-2010	Backfill Time			0:12		_
Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil  Classification	Silty Sand o		Description	ol no odor or c	staining (Fill)	2 Gravel	Coarse Sand	% Med. Sand 5	9 Fine Sand 6	
S							SIVI	Silly Sariu, p	pale brown (10YR 6/3),	loose, dry, lifte grav	ei, no odoi oi s	stairiiriy [Fiii]	3		5	60	
					_			Candatana	Chataurath Farmatian								1
									Chatsworth Formation] = 0.5 ft; refusal on bedr	rock		/					
					,			· ·	,								
					1	1		Collected so	il sample S001 at 10:11	1.							
								Backfilled wi	ith soil cuttings.								
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	MW		•		<sub>+</sub> -	tal Dac	th (#1).		Boring ID: B1B3		Outfall 000	Pooine Deser	4.				_
	e Diam.						th (ft): 0			Gap Sampling 2010			ty				—
orthing			215.87				t): <b>179</b> 6		Job Number: 1008208		Site: <b>B1-</b>						_
	rt Date:						e: 10:2		Logged By: V. Vatha			By: M. Milma		arris	, P.C	ž.	_
	sh Date						ne: 10:2		Drilling Contractor: B.I		Field Instr	umentation: N	I/A				_
	st H <sub>2</sub> O (			N/A			ne: N/A		Drill Rig Type/Method:								_
	<sub>2</sub> O After				Da	ate / Tin	ne: N/A		Driller's Name: M. Ho								_
	nts: Gra									Well Comp. Date:		Completion	Time		I/A		_
ample	rs: Sar	nple re	etaine	d in 6	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	07-27-2010	Backfill Time			0:27		
Retained	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		C	Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	1				_0-	•	SM	Silty Sand, p	pale brown (10YR 6/3),	loose, dry, fine grav	el, no odor or s	staining [Fill]	10		10	50	- 1
					_			Sandstone	Chatsworth Formation]								#
									= 0.5 ft; refusal on bedr	ock.							
					_												
					1	]		Collected so	oil sample S001 at 10:25	D.							
								Backfilled w	ith soil cuttings.								
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	MW	/H							Boring ID: <b>B1BS0201</b>							
orehole	Diam.	(in.):	3		То	tal Dep	th (ft): 3	3.0	Project: ISRA Data Gap Samplin	ng 2010, Outfall 009, E	oeing Prope	ty				
lorthing	(ft):	2693	397.47		Ea	sting (f	t): <b>179</b> 6	6941.44	Job Number: 1008208	Site: <b>B1-2</b>						
rill Start	Date:	07-2	7-2010	0			e: NR		Logged By: V. Vathanasin		By: M. Milm		arris	, P.C	}.	
rill Finis							ne: <b>09:1</b>		Drilling Contractor: B.L. Hall		ımentation: N	N/A				
epth 1s				N/A			ne: N/A		Drill Rig Type/Method: Hand Auge	r						
epth H <sub>2</sub>							ne: N/A		Driller's Name: M. Hoehn		T					
Commen										. Date: N/A	Completion			I/A		
amplers -	: Saı	mple re	etaine	d in 6	S-inch	stainle	ss steel	sleeve	Soil Backfil	I Date: 07-27-2010	Backfill Time			9:14		-
Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		Description			Gravel	Coarse Sand	Med. Sand	Fine Sand 8	
s							SM	Silty Sand, v staining [Fill	very pale brown (10YR 7/4), dense, (	dry, fine gravel, no odo	r or	10		10	60	_
s					2- - 3-	•		,	pale brown (10YR 6/3), decreasing	gravel		5		15	60	2
					4-			Total Depth at two step-	[Chatsworth Formation] = 3.0 ft; refusal on bedrock. Met reout borings.  bil samples S001 at 08:44 and S002  Il three locations with soil cuttings.		nilar depth					
					5-											
					6-											
					<b>7</b> -											
					8											
					9-											

	MW	Н						Boring ID: <b>B1BS0202</b>					
Borehole							th (ft): <b>C</b>		erty				_
Northing			394.77				t): 1790						
Drill Start Drill Finis							e: NR	Logged By: V. Vathanasin Reviewed By: M. Mill  Drilling Contractor: B.L. Hall Field Instrumentation:		Barris	s, P.0	Э.	
Depth 1s				N/A			ne: <b>09:4</b> ne: <b>N/A</b>	Drilling Contractor: B.L. Hall Field Instrumentation:  Drill Rig Type/Method: Hand Auger	IN/A				_
Depth H <sub>2</sub>							ne: N/A	Driller's Name: M. Hoehn					_
								h at surface Well Comp. Date: N/A Completio	Time	e: <b>I</b>	N/A		
Samplers	s: <b>Sa</b> r	mple re	etaine	d in 6	6-inch	stainle	ss steel	leeve Soil Backfill Date: 07-27-2010 Backfill Tir			9:47		
, aa							_				% o	f So	il
Sample Interval Retained Sample Type	. ≥	ļ.,	Ξ	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description		Sand	pu	pu	
Sample In Retained Sample T	Recovery (%)	Blow Count/6"	PID (ppm)	er L	th (	phic	SSS	Description	\ e	Coarse	Med. Sand	Fine Sand	Silt/Clay
Sam Reta Sam	% %	(S )	5	Nat	Эер	Gra	JSC		Gravel	Soa	Ned	i.	1
<i>у</i> ш <i>о</i> ,		шО	_	-	<b>-</b> 0-		SM	Silty Sand with Gravel, light yellowish brown (10YR 6/4), loose, dry, fine gravel,	15		20	40	15
s							O.V.	no odor or staining [Fill]	.0			.0	
<b>X</b>					-	213142		\Sandstone, weathered [Chatsworth Formation]	+				Ħ
								Total Depth = 0.5 ft; refusal on bedrock.					
					1-			Collected soil sample S001 at 09:44.					
								Backfilled with soil cuttings.					
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W	) IV	/W	Н							Boring ID: <b>B1B</b>	S0203							_
			(in.): 3					oth (ft): 0			Gap Sampling 2010,			ty				_
Northin				57.46				ft): 1796		Job Number: 100820		Site: <b>B1-</b> 2						_
			07-2 07-2					e: <b>09:1</b> 5 ne: <b>09:3</b>		Logged By: V. Vath Drilling Contractor: B		I	By: <b>M. Milm</b> umentation: <b>N</b>		arrıs	i, P.C	j	
Depth					N/A			ne: <b>N/A</b>	<i>I</i>	Drill Rig Type/Method:		T ICIU ITISII	umentation. I	WA.				_
			Drilling					ne: N/A		Driller's Name: M. He								
Comm	ents	: Asp	halt, g	jravel	road	l base,	and h	ydromulo	ch at surface		Well Comp. Date: 1	N/A	Completion	Time	: N	I/A		
Sample	ers:	San	nple re	etaine	d in 6	6-inch	stainle	ss steel	sleeve		Soil Backfill Date:	07-27-2010	Backfill Time			9:37		_
Sample interval Retained	Sample Type	Kecovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	T
	s					U		SP-SM	Poorly Grad	ded Sand with Silt, loos	e, dry, fine gravel, no	odor or stainir	ng [Fill]	5		20	65	
						_			Sandstone	[Chatsworth Formation]	1							╪
										n = 0.5 ft; refusal on bed	-							
						1-			Collected se	oil sample S001 at 09:3	32.							
									Backfilled w	vith soil cuttings.								
						+				<b>3-</b> -								
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Doro!	ole '	Diorr '	(in ):	,		T-	tal Da	th (ft): ^	Boring ID: B1BS0204	4.,				_
		Diam. (						th (ft): 6		ty				_
Northi				52.52				t): 1796		D			_	
		Date:		3-2010				e: 08:3			arris	i, P.C	J.	
		Date:						ne: 09:0		עוי				
		H <sub>2</sub> O (f	•		N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
		After						ne: N/A	Driller's Name: S. Fink  e with B1ET0510 Well Comp. Date: N/A Completion	Timo		N/A		
	lers.	San	ipies	etaine	ea in	6-IIICI	Stairile	ess stee	Soil Backfill Date: 10-13-2010 Backfill Time			9:00 % of		ii
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description  [See Trench Log ISRA-B1-2 for lithology]	Gravel	Coarse Sand	Med. Sand	Fine Sand	
						1— 2— 3—		SM	Silty Sand, yellowish brown (10YR 5/6), loose, dry, micaceous [Alluvium]			10	70	200
	S			0.0		4								
$\otimes$				0.0		_								
									Total Depth = 6.5 ft; terminated prior to refusal on bedrock.					
						_			Collected soil samples S001 at 08:41 and S002 at 08:52.					
						7			Excavation backfilled 01-12-2011 - 01-31-2011.					
									LACAVALIOTI DACRIIIICU U 1-12-20   1 - U 1-3 1-20   1.					
						-								
						8-								
						9-								
						_								
					1 1						1	1	I	1

	MW							Boring ID: B1BS0206				
Borehole							th (ft): 3					
Northing (			271.44				t): <b>1796</b>					
Orill Start			3-2010				e: <b>09:0</b>	7	Barris	s, P.C	3.	
Orill Finisl							ne: <b>09:1</b>					
Depth 1st				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger				
Depth H <sub>2</sub> 0							ne: N/A	Driller's Name: R. Luna				
								e with B1ET0536 Well Comp. Date: N/A Completion Time		N/A		
Samplers	: Sar	nple re	etaine	d in 6	-inch	stainle	ss steel			9:15		
, <u>a</u>							_		Est.	% O	So	II
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description  [See Trench Log ISRA-B1-2 for lithology]	Coarse Sand	Med. Sand	Fine Sand	Silt/Clav
					1	200000 200000 200000 200000 200000	SM	Silty Sand, light yellowish brown (10YR 6/4), loose, dry, trace fine gravel, micaceous [Alluvium]	10	10	60	20
s			0.0		3-			Total Depth = 3.0 ft; refusal on weathered bedrock.  Collected soil sample S001 at 09:15.				
					4-			Excavation backfilled 01-12-2011 - 01-31-2011.				
					_							
					5							
					6-							
					7-							
					8-							
					9-							
					10-							

	ام D:	iom /	in \. •	,		T	tal Dan	th (#\\. •	Project: ISBA Data Can Sampling 2040, Outfall 200, Basing Busines	ets -				
Boreho								th (ft): 6		ty				_
Northin				04.21				t): 1796		D			_	
Drill St				3-2010				e: 09:2	1 00 7		arrıs	, P.C	<b>.</b>	
Drill Fir								ne: <b>09:4</b>		עוי				
Depth					N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
Depth								ne: N/A	Driller's Name: R. Luna	T:		I/A		
									with B1ET0543     Well Comp. Date:     N/A     Completion       I sleeve     Soil Backfill Date:     10-13-2010     Backfill Time			I/A 9:40		
	218.	Sam	pies i	etaine	<del>ja in</del>	6-IIICI	Stairii	ess stee	I sleeve   Soil Backfill Date: 10-13-2010   Backfill Time		Est.			
Sample Interval Retained	Sample Type	(%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description  [See Trench Log ISRA-B1-2 for lithology]	Gravel	Coarse Sand	Med. Sand	Fine Sand	
						1— 2— 3—		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous [Alluvium]			10	70	200
	S			0.0		5— -								
	s			0.0		6-								
									Total Depth = 6.5 ft; terminated prior to refusal on bedrock.					
						-			Collected soil samples S001 at 09:30 and S002 at 09:35.					
						7			Excavation backfilled 01-12-2011 - 01-31-2011.					
									LACAVALIOTI DACMIIIGU V 1-12-20   1 - V 1-3 1-20   1.					
						-								
						8-								
						_								
						9-								
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						_								
						-								

	41.	Die	/: \ -	,		-	4-1-0	41- /£1\ -	Boring ID: <b>B1BS0208</b>					
			(in.): 3					th (ft): 6		<u>y</u>				
North				73.26				t): <b>179</b> 6		_				
		Date:		3-2010				e: <b>09:3</b>			arris	, P.C	<del>)</del>	
			10-1					ne: 10:0		D				
		H <sub>2</sub> O (f			N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					
			Drilling					ne: <b>N/A</b>	Driller's Name: R. Luna					
									e with B1ET0545 Well Comp. Date: N/A Completion T			I/A		
	lers:	San	nples	retaine	ed in	6-incr	n stainle	ess stee	Soil Backfill Date: 10-13-2010 Backfill Time:			0:00		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description  [See Trench Log ISRA-B1-2 for lithology]		Coarse Sand	Med. Sand	Fine Sand	
						1- 2- 3-		SM	Silty Sand, dark brown (10YR 3/3), loose, moist, micaceous [Alluvium]		tr	10	70	200
	S			0.0		4								
$\bigotimes$				0.0		_								
									Total Depth = 6.5 ft; terminated prior to refusal on bedrock.					
						7			Collected soil samples S001 at 09:40 and S002 at 09:50.					
						7-	1		Excavation backfilled 01-12-2011 - 01-31-2011.					
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						-	-							

) = r - 1 ·	- D:-	(i.e. \ .	,		<b>—</b>	4-1 -	41- /£1\ -	Boring ID: <b>B1BS0209</b>	under -				—
	e Diam.						th (ft): 6		erty				
Northing			47.97				t): <b>179</b> (						
	rt Date:		3-2010			art Time				Barris	s, P.0	€.	
	ish Date						ne: <b>10:3</b>		PID				
	st H <sub>2</sub> O (			N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
	<sub>2</sub> O Afte						ne: N/A	Driller's Name: R. Luna					
Comme	nts: Bo	ttom o	f ISRA	-B1-2	2 exca	vation,	colloca	e with B1ET0547 Well Comp. Date: N/A Completion	Time	e: <b>I</b>	N/A		
	rs: Sa	mples	retain	ed in	6-inch	stainle	ess stee	Soil Backfill Date: 10-13-2010 Backfill Tin			10:35		
ر ها							_				% o	So	il
Sample Interval Retained	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description  [See Trench Log ISRA-B1-2 for lithology]	Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
					1— 2— 3—		SM	Silty Sand, dark brown (10YR 3/3), loose, moist, micaceous [Alluvium]				80	200
s			0.0		4 5								
S	3		0.0										
X					6-	28(48)2)		Total Depth = 6.0 ft; terminated prior to refusal on bedrock.					+
					-			Collected soil samples S001 at 10:20 and S002 at 10:30.					
								Excavation backfilled 01-12-2011 - 01-31-2011.					
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					9-								
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	MW		,			tal D -	th /#\\: *	Boring ID: B1BS0210	uts -				_
Borehole							th (ft): 6		rty				_
Northing (			213.16				t): <b>179</b> 6						
Orill Start			3-2010				e: <b>09:5</b>			arris	i, P.(	3.	
Orill Finis							ne: 10:2		PID				_
Depth 1st				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
Depth H <sub>2</sub> 0							ne: N/A	Driller's Name: S. Fink					
								with B1ET0562 Well Comp. Date: N/A Completion	Time		N/A		
Samplers	: Sar	nples	retain	ed in	6-inch	stainl	ess stee	sleeve Soil Backfill Date: 10-13-2010 Backfill Tim			0:20		
<u>8</u>							_			Est.	% o	So	il
Sample interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand	Med. Sand	Fine Sand	Silf/Clav
, = 0,				-	<b>-</b> 0-			[See Trench Log ISRA-B1-2 for lithology]	<del>                                     </del>	<u> </u>	_	_	—
S			0.0		1- 2- 3- 4- 5-		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, micaceous [Alluvium]			10	70	20
S			0.0		6-			Total Depth = 6.0 ft; terminated prior to refusal on bedrock.					
					-			Collected soil samples S001 at 10:00 and S002 at 10:15.					
								Excavation backfilled 01-12-2011 - 01-31-2011.					
					-								
					7	1							
					-								
					8-								
					δ-								
					-								
					9								
					<b>5</b>								
					-								
					10-								1

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Boreho								th (ft): 6		rty				_
Northin				42.80				t): <b>179</b> 6						
Orill St				3-2010			art Time				arris	s, P.0	3.	
Orill Fir								ne: <b>10:5</b>		PID				
Depth					N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					
Depth						•		ne: N/A	Driller's Name: S. Fink					
Comm	ents:	Botte	om of	ISRA	-B1-2	2 exca	vation,	colloca	e with B1ET0564 Well Comp. Date: N/A Completion	Time	e: <b>N</b>	N/A		
	ers:	Sam	ples r	etaine	ed in	6-inch	stainle	ess stee	Soil Backfill Date: 10-13-2010 Backfill Tim			10:50		
terval	,pe				<u>_</u>	Đ	go	tion				% of		
Sample Interval Retained	Sample Type Recovery	(%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clav
						1-			[See Trench Log ISRA-B1-2 for lithology]					
						2- - 3-		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose, moist, trace clay, micaceous [Alluvium]			10	60	30
	S			0.0		4 - 5								
	S			0.0		6-			Total Depth = 6.0 ft; terminated prior to refusal on bedrock.					
						-			Collected soil samples S001 at 10:35 and S002 at 10:45.					
									Excavation backfilled 01-12-2011 - 01-31-2011.					
						7-								
						-								
						-								
						8-								
						_								
						9-								
						_								
														1

	MW				1_	4-15	41- 750 -	Boring ID: B1BS0212					
Borehole							th (ft): 6		rty				_
Northing			316.29				t): <b>179</b> 6						
Orill Start			3-2010				e: <b>09:1</b>	7		Barris	s, P.0	3.	
Orill Finis							ne: <b>09:3</b>		PID				
Depth 1s				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
Depth H <sub>2</sub>					•		ne: N/A	Driller's Name: R. Luna					
								with B1ET0567 Well Comp. Date: N/A Completion			N/A		
Samplers -	s: <b>Sa</b> ı	mples	retain	ed in	6-inch	n stainl	ess stee	sleeve Soil Backfill Date: 10-13-2010 Backfill Tim			9:30		
Interval 1 Type	<u> </u>	_	(c)	evel	eet)	Log	oil ation			Sand			
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
					1 2 3		SM	[See Trench Log ISRA-B1-2 for lithology]  Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, trace fine sandstone gravel, micaceous [Alluvium]	tr		10	70	200
s			0.0		4 5 6								
s			0.1		6-								
					_				_				_
								Total Depth = 6.5 ft; terminated prior to refusal on bedrock.					
					_			Collected soil samples S001 at 09:20 and S002 at 09:25.					
					7			Excavation backfilled 01-12-2011 - 01-31-2011.					
								LACAVALIOTI DACKIIIICU U 1-12-20   1 - U 1-3 1-20   1.					
					-								
					8-								
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					9-								
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	1				10-					1			

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			(in.): 3					th (ft): 5		erty				
Northi				387.10				t): 1796			·		_	
		Date:		3-2010			art Time				sarrıs	S, P.C	j.	
			: 10-1					ne: 13:3		PID				
		H <sub>2</sub> O (f			N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					
			Drilling					ne: N/A	Driller's Name: R. Luna					
									with B1ET0573 Well Comp. Date: N/A Completion			N/A		
	iers:	San	npies	retaine	ea in	6-incr	1 Staini	ess stee	Soil Backfill Date: 10-13-2010 Backfill Tin		Est.	13:35		ii
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Sand	Med. Sand	Fine Sand	
	ω ω			0.0		1— 2— 3— 4—		SM	[See Trench Log ISRA-B1-2 for lithology]  Silty Sand, dark yellowish brown (10YR 4/6), loose, moist, micaceous [Alluvium]			10	70	20
<b>×</b>						-			Total Depth = 5.5 ft; terminated prior to refusal on bedrock.					
						6-			Collected soil samples S001 at 13:15 and S002 at 13:30.					
						3			Excavation backfilled 01-12-2011 - 01-31-2011.					
						-								
						7-								
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						-								

	MW				1_		11 /20 =	Boring ID: <b>B1BS0214</b>					
Borehole							th (ft): 5		rty				—
Northing (			326.30				t): <b>1796</b>						
Orill Start			3-2010			art Time				arris	s, P.0	€.	
Orill Finis							ne: <b>14:4</b>		PID				
Depth 1st				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
Depth H <sub>2</sub> 0					•		ne: N/A	Driller's Name: S. Fink					
								with B1ET0582 Well Comp. Date: N/A Completion			N/A		
Samplers	: Sar	nples	retain	ed in	6-inch	n stainl	ess stee	sleeve Soil Backfill Date: 10-13-2010 Backfill Time			4:50		<del></del>
დ <u>&lt;</u>						_	=		-	Est.	% O	50	
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description  [See Trench Log ISRA-B1-2 for lithology]	Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clav
			0.1		1— 2— 3— 4— 5—		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, trace fine gravel, micaceous [Alluvium]	tr		10	70	20
S			0.0		-								
					•			Total Depth = 5.7 ft; refusal on weathered bedrock.					
					6-			Collected soil samples S001 and duplicate D001 at 13:45 and S002 at 14:45.					
								Excavation backfilled 01-12-2011 - 01-31-2011.					
					-			Excertation buokiniou of 12 2011 - 01-01-2011.					
					7-								
					•								
					_	1							
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<u>W</u>	_	MW		•			4=1 D =	41- /£41 : <b>-</b>	Boring ID: <b>B1BS0215</b>	andra r				
		Diam.						th (ft): 5		rty				
lorth				396.68				t): <b>179</b> 6						
		Date:		3-2010				e: NR	Logged By: S. Aichner Reviewed By: M. Milm		arris	s, P.0	э.	
		h Date						ne: NR	Drilling Contractor: MP Environmental Svcs. Field Instrumentation:	PID				
		H <sub>2</sub> O (1			N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					
		O After						ne: <b>N/A</b>	Driller's Name: R. Luna					
									e with B1ET0593 Well Comp. Date: N/A Completion			N/A		
	lers	: Sar	nples	retain	ed in	6-inch	n stainle	ess stee	sleeve Soil Backfill Date: 10-13-2010 Backfill Tim			NR		::
Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand	Med. Sand	Fine Sand	
<u> ~</u>	ιχ	ಹ್ ಲಿ	шç	ѫ	>	_ 0−	Ō	35	,	Ō	ŭ	Σ	证	S
	Ø			0.0		1— 2— 3— 4— 5—		SM	[See Trench Log ISRA-B1-2 for lithology]  Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, micaceous [Alluvium]			10	70	20
8				0.0		_								L
									Total Depth = 5.5 ft; terminated prior to refusal on bedrock.					
						c			Collected soil samples S001 at 14:00 and S002 at 14:20.					
						6-			Excavation backfilled 01-12-2011 - 01-31-2011.					
									2.53. 34.011 2000min 0 0 1 12 2011 0 1 0 1 2011.					
						-								
						7-								
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						9-								
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Borehole Diam.	(in ): 4	T	Total Depth	(ft): 2.5	Boring ID: <b>B1BS0216</b> Project: ISRA Data Gap Sampling 2010, C	Outfall 000	Roeina Drono	rtv.			
Northing (ft):	269124.05			1796815.48	Job Number: 1008208	Site: <b>B1</b> -		ιy			
			Start Time:				<b>∠</b> IBy: <b>M.Milm</b> :	on B	) o wwi o	. D.	,
Orill Start Date:					Logged By: S. Aichner		•		arris	s, P.C	J.
Orill Finish Date:			Finish Time		Drilling Contractor: MP Environmental Svcs	i.   Field Instr	rumentation: •	טוי			
Depth 1st H <sub>2</sub> O (f			Date / Time		Drill Rig Type/Method: Hand Auger						
Depth H <sub>2</sub> O After			Date / Time	: N/A	Driller's Name: A. Vann		Ta				
Comments: Tre					Well Comp. Date: N		Completion			N/A	
Samplers: San	nples retaine	ed in 6-ir	ch stainles	s steel sleeve	Soil Backfill Date: 10	0-22-2010	Backfill Time			0:35	
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6" PID (ppm)	Water Level Depth (feet)	Graphic Log	USCS Soil	Description			Gravel	Sand	Med. Sand	Fine Sand 6
s	0.0			SM Silty Sand, micaceous	dark yellowish brown (10YR 4/6), medium den [Fill] s dark yellowish brown (10YR 3/4)	ise, moist, tra	ace clay,			20	60
s	0.0		2	Total Depti	h = 2.5 ft; terminated prior to refusal on bedrock	k.					
				Collected s	soil samples S001 at 10:09 and S002 at 10:32.						
		;	B-		with soil cuttings.						
		;	}- 5- 7- 8-								

Roreh	مام	Diam.	(in ): 4	1		To	tal Den	th (ft): 2		Boring ID: <b>B1BS</b> Project: ISRA Data C	Gap Sampling 2010	Outfall 000	Boeing Propos	tv				
Northir				• 05.78						ob Number: 1008208		Site: B1-		ιy				_
				2-2010				t): 1790 e: 11:2		ogged By: S. Aichn				on D	o rrio	. D.		_
		Date:										I	By: M. Milm		arris	i, P.C	7.	
		n Date:						ne: 11:4		Orilling Contractor: MP		s. Field inst	rumentation: •	עור				_
		H <sub>2</sub> O (f	•		N/A			ne: N/A		Orill Rig Type/Method:								_
		O After						ne: N/A	D	oriller's Name: A. Var			Ta					
						erimet					Well Comp. Date:		Completion			I/A		
	lers	: San	nples	retain	ed in	6-inch	stainle	ess stee	l sleeve		Soil Backfill Date:	10-22-2010	Backfill Time			1:45		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	S			0.0		0- - 1- - 2-		SM		ownish yellow (10YR 6		moist, micac	eous [Fill]			20	60	2
	S			0.0		3-				2.5 ft; terminated prio samples S001 at 11:2								
						4												
						8- - 9-												

Dorobola Diam	VH (in ):	<u> </u>		<b>-</b>	tal Dart	h /#\· ^	^	Boring ID: B1BS			Daalna Duarra	uds r				—
Borehole Dian						h (ft): 3.			ap Sampling 2010, O			rty				_
Northing (ft):		105.78				): 1796	817.04	Job Number: 1008208 Logged By: N. Beaty		Site: <b>B1-2</b>		D		D. C		_
Orill Start Date					art Time		`	1 00 7	h O Hafnar Assas	1	By: <b>M. Milm</b> umentation: <b>I</b>		arris	i, P.C	٠.	
Orill Finish Da						e: 10:50	,	Drilling Contractor: Jaco			umentation: I	עוץ				_
Depth 1st H <sub>2</sub> O Depth H <sub>2</sub> O Aft			N/A		ite / Tim			Drill Rig Type/Method: G	orab (nanu sampiing)							_
Comments: <b>T</b>					ite / Tim			Driller's Name: J. Ortiz	Well Comp. Date: N/	Λ	Completion	Time		I/A		
							sleeve / Enco		Soil Backfill Date: N/		Backfill Time			I/A		
	inpie i	-tairie		)-IIICII	Stannes		SICEVE / LIICO	165	Soil Backilli Bate. 14/1	1	Dackilli Tillii			% of	So	il.
Sample Interval Retained Sample Type Recovery	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	
s		0.1		0		SM	Total Depth	n of Excavation = 3.0 ft. oil sample S001 at 10:50 f					5	15		

Borehole Diam.	(in \· 4		Total Don	th (ft): 2.5	Boring ID: <b>B1BS0218</b> Project: ISRA Data Gap Sampling 2010, Out	fall 009 Rooing Propa	rtv.				_
		4.00			1 1 2 1		пу				_
Northing (ft):	269131			t): 1796797.		Site: B1-2				_	_
Orill Start Date:				e: <b>09:26</b>		Reviewed By: M. Milm		arris	s, P.C	J.	
Orill Finish Date				ne: 10:00	Drilling Contractor: MP Environmental Svcs.	-ield Instrumentation:	PID				_
Depth 1st H <sub>2</sub> O (	-	N/A	Date / Tin		Drill Rig Type/Method: Hand Auger						_
Depth H <sub>2</sub> O After			Date / Tin	ne: <b>N/A</b>	Driller's Name: A. Vann						
Comments: Tre					Well Comp. Date: N/A	Completion			N/A		_
Samplers: Sai	nples ret	tained in 6	6-inch stainl	ess steel sle	Soil Backfill Date: 10-2	2-2010 Backfill Tim			0:00		_
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6"	PID (ppm) Water Level	Depth (feet)	USCS Soil Classification	Description		Gravel	Sand	Med. Sand	Fine Sand	il
s		0.0	0	SM Si	Sand, dark brown (10YR 3/3), medium dense, moist, tra el, trace clay, micaceous [Fill]	ace fine sandstone	tr		20	60	-
			1-	¥—	ecomes yellowish brown (10YR 5/6)						
s	a	0.1	2-								
				To	I Depth = 2.5 ft; terminated prior to refusal on bedrock.						
			,	Co	ected soil samples S001 at 09:39 and S002 at 09:58.						
			3-	D,	cfilled with soil cuttings.						
			4- 5- 6- 7- 8-								

Porch	_	<b>VI W</b>		1		т	tal Dec	th (ft): 2		Boring ID: <b>B1B</b> \$ Project: ISRA Data	Gap Sampling 2010, (	Duffell 000	Pooine Pres	ets e				
														ιy				_
Northi				18.45				t): 1796		Job Number: 1008208		Site: B1		5			_	_
		Date:		2-2010				e: 10:3		Logged By: S. Aichr			d By: M. Milm		arris	i, P.C	j.	
		n Date						ne: 11:1		Drilling Contractor: MF		.   Field Inst	rumentation: I	טוי				_
		H <sub>2</sub> O (f	•		N/A			ne: N/A		Drill Rig Type/Method:								
		) After						ne: N/A		Driller's Name: A. Var								
								halt at s			Well Comp. Date: N		Completion			I/A		
	lers	Sar	nples	retain	ed in	6-inch	stainle	ess stee	el sleeve		Soil Backfill Date: 1	0-22-2010	Backfill Time			1:15		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		ι	Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	S			0.0		- 1- -		SM	micaceous [F	ark yellowish brown (10 =ill] dark yellowish brown (1		se, moist, ti	ace clay,			20	60	
	S			0.0		3-			Collected soil	= 2.5 ft; terminated pricial samples S001 at 10:4		k.						
						4												
						8 - 9												

	MW					4=1 D -	41- /£41 - <b>*</b>		Boring ID: B1BS			Dealer Dr					—
orehole							th (ft): 0			Gap Sampling 2010, O			erty				_
orthing			53.26				t): <b>179</b> 6		Job Number: 1008208		Site: <b>B1-2</b>		_				_
rill Star							e: 11:1		Logged By: S. Aichn			By: M. Mil		Barris	s, P.C	€.	
rill Finis							ne: 11:1		Drilling Contractor: MP		Field Instr	umentation:	PID				_
epth 1s				N/A			ne: N/A		Drill Rig Type/Method:								_
epth H <sub>2</sub>					•		ne: N/A		Driller's Name: S. Fine								
ommen	ts: Tre	nch IS	RA-B1	1-2 s	idewal	I locati	on			Well Comp. Date: N/.	A	Completio	n Time		N/A		_
amplers	s: Sar	nple re	etaine	d in (	6-inch	stainle	ss steel	sleeve		Soil Backfill Date: N/	Α	Backfill Tir			N/A		_
Retained Sample Type	iry		m)	evel	feet)	c Log	USCS Soil Classification		D	Description				_	% of		
Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log							Gravel	_	Med. Sand	Fine Sand	
s			0.1		Ū		SM	Silty Sand, o gravel, mica	lark yellowish brown (10 ceous [Fill]	OYR 4/4), loose, dry, tra	ice fine san	dstone	tr	tr	10	70	
× ×					-	******		Sandstone,	weathered [Chatsworth	Formation]			7				Ť
								Total Depth	= 0.5 ft; refusal on bedr	ock.							
					1-			Collected so	il sample S001 at 11:15	5.							
									, , , , , , , , , , , , , , , , , , ,								
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Borehole Diam.	(in ): 1	3		Total	Depth (ft): 5	Boring ID: ENBS0045A  Project: ISRA Data Gap Sampling 2010, Outfall 009,	Roeina Proport	tv				
Northing (ft):		3 347.15			g (ft): <b>179</b> 7			ιy				_
Drill Start Date:		4-2010			ime: <b>12:5</b>		By: <b>M. Milma</b>	n B	arric			_
Drill Finish Date					Time: 12:3		umentation: <b>P</b>		aiiis	, г.	J.	
Depth 1st H <sub>2</sub> O (			, N/A		Time: N/A	Drill Rig Type/Method: Hand Auger	umentation. F	שו				_
Depth H <sub>2</sub> O Afte												_
					Time: N/A	Driller's Name: R. Cano veathered hydromulch   Well Comp. Date: N/A	Completion 7	Timo		N/A		
							Completion 1					
Samplers: Sa	npies	retaine	ea in e	b-inch Sta		leeve Soil Backfill Date: 05-24-2010	Backfill Time			3:39 % of		iI
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	USCS Soil Classification	Description		Gravel	Coarse Sand	Med. Sand	Fine Sand	Cil+/Clay,
s s		0.0		1— 2— 3— 4—	SP-SM	Poorly Graded Sand with Silt, dark yellowish brown (10YR 4/4), dense weak cementation, mica present [Native]	e, moist,	tr	10	30	50	10
				5—————————————————————————————————————	1957	Total Depth = 5.0 ft; terminated prior to refusal on bedrock.  Collected soil samples S001 and duplicate D001 at 12:56 and S002 a  Backfilled with soil cuttings.	t 13:21.					

Borehole	Diam	(in ): 3	3		Tot	tal Dent	h (ft): <b>5</b>		Boring ID: ENB: Project: ISRA Data	Gap Sampling 2010	0. Outfall 009 1	Boeina Prone	rtv				
Northing			20.20				): <b>1796</b>		Job Number: 1008208		Site: <b>B1-</b>		ıty				
Drill Start			5-2010				: 13:1		Logged By: A. Gold			By: <b>M. Milm</b>	an_R	arrio	: P (	<u> </u>	_
Drill Finis							e: <b>13:3</b>		Drilling Contractor: B.	=	I	umentation:		arris	,	<i>-</i> .	
Depth 1s				, N/A			e: <b>N/A</b>		Drill Rig Type/Method:		T ICIU IIISU	umentation.	טוו				_
Depth H <sub>2</sub>		-					e: N/A		Driller's Name: M. Ho								_
Commen						ie / IIII	C. IVA		Dillers Name. W. 110	Well Comp. Date:	N/Δ	Completion	Time	· •	N/A		
Samplers						etainle	ee etaa	l sloovo		Soil Backfill Date:		Backfill Tim			3:38	!	_
	J. Jul	ipics	Ctuni		0 111011	Stanic		1 SICCYC		Con Backini Bate.	00-20-2010	Dackiiii Tiiri			% of		il
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	Cil+/Clay
s			1.1		1— 2— 3— 4—		SM	Silty Sand w subrounded	rith Gravel, dark brown gravel, no odor or stair	(10YR 3/3), dense, ing [Fill]	dry to moist, ar	igular to	20	5	25	15	38
					5— 6— 7— 8— 9—			Collected so	= 5.0 ft; terminated prior some solution of the solution of th								

W Porch	_	VIW Diam		,		<b>T</b>	tal Dec	th (#\): ^	Boring ID: ENBS0084  Project: SSFL ISRA Sampling - Outfall 009 Area						
			(in.): 2					th (ft): 0					••		_
Northi				999.50				t): 1794		p-drainage of Cu					
		Date:		2-2009				e: 10:1		ed By: B. Marta		P.G	. #83	56	
			: 06-0					ne: 10:1		strumentation: N	N/A				
		H <sub>2</sub> O (1			N/A			ne: N/A	Drill Rig Type/Method: Drive Sample/Grab						_
			Drillin					ne: N/A	Driller's Name: M. Hoehn	Completion	Time		N/A		
								steel sle					10:20		
	1013	. 301	COILE	Cleu II	0-11	icii sta	11111633		3011 Dackiiii Date. 00-02-200	Dackilli Tillie			% o		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description		Gravel	Coarse Sand	Med. Sand	Fine Sand	
	s						•	SM	Silty Sand, light brown (7.5YR 6/3), loose, dry, rootlets [Alluvium]		10	10	15	40	2
$\boxtimes$						-			Total Double = 0.5 ft. townsingted prior to unforced						+
									Total Depth = 0.5 ft; terminated prior to refusal.						
						1-			Collected soil sample S001 at 10:17.						
						•			Backfilled with native soil.						
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oreho	le D	iam /	in.): <b>6</b>	i		To	tal Den	th (ft): <b>0</b>	Boring ID: ENBS0094  Project: SSFL ISRA Sampling -	. Outfall nng	Δrea						_
lorthin				19.54				t): <b>179</b> 4				A-A1LF-2 Sout	h of	۸ros	1 D	nad	_
rill Sta				4-2009				e: <b>11:2</b>	Logged By: M. Milman-Barris							uau	_
												By: S. Valer		a, P.	G.		
				4-2009				ne: 11:2	Drilling Contractor: B.L. Hall		Fleid instr	umentation: I	N/A				_
epth '					N/A			ne: N/A	Drill Rig Type/Method: Hand Trow	/ei							_
				g (ft): <b>N</b>				ne: N/A	Driller's Name: Mike Hoehn	5 / 1//4		T					_
										o. Date: N/A		Completion			N/A		_
	ers:	Han	d trov	vel (sc	oil pla	aced in	ı stainl	ess stee	eeve)   Soil Backfi	ill Date: <b>07-1</b>	4-2009	Backfill Time			1:23		_
Retained	Sample Type	(%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description				Gravel	Coarse Sand	Med. Sand	Fine Sand	
	s							SP	oorly Graded Sand, dark yellowish brown (10\ o cementation, few rootlets [Alluvium]	YR 4/4), loos	e, dry,			5	5	90	
						=			atal Danth = 0.5 ft; tarminated prior to refued	an hadraak							+
									otal Depth = 0.5 ft; terminated prior to refusal	on bedrock.							
						1-			collected soil sample S001 at 11:23.								
						•			ackfilled with native soil.								
						2-											
						_											
						3-											
						-											
						4											
						4-											
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	MW		,		T.	tal Dec	th (ft): 3	Boring ID: ENBS0094A  Project: SSFL - ISRA Data Gap Sampling 2010 (Outfall 009 Area)					
Borehole				<u> </u>					م اسما م	Λ	-\		
Northing (			1191.1				t): <b>268</b> 0						
Drill Start							e: 08:2			ın, P	.G.		
Drill Finisl							ne: <b>08:3</b>	· · · · · · · · · · · · · · · · · · ·	PID				
Depth 1st				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					
Depth H <sub>2</sub> 0					•		ne: N/A	Driller's Name: R. Cano					
Comment	ts: On	flat, s	parsel	y veç	getated	d surfac	ce near	oulder with charred surface Well Comp. Date: N/A Completion	Time	e: <b>I</b>	N/A		
Samplers	: 6-ir	nch sta	inless	stee	el sleev	ve		Soil Backfill Date: 02-04-2010 Backfill Tir			08:40		
nterval ype	_		(1	vel	et)	Log	il ation				% of		il
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
28 28 S	<b>Re</b>	30 30 30 30 30 30 30 30 30 30 30 30 30 3	0.1	W	3- 3- 5- 6-	Ō	SP SP	Poorly Graded Sand, black (10YR 2/1), medium dense, moist, contains roots and rootlets [Native]  — becomes brown (10YR 4/3)  Sandstone, brownish yellow (10YR 6/8), weathered, moderately friable, contains quartz, feldspar, and mica [Chatsworth Formation]  Total Depth = 3.8 ft; terminated due to refusal on bedrock.  Collected soil sample S001 at 08:35.  Backfilled with soil cuttings.	tr	10			_
					7-								
					8-								
					9-								
					10-								

Roreh	ا ماه	Diam.	(in )· <b>6</b>	·		To	tal Den	oth (ft): <b>0</b>		Boring ID: ENB	Sampling - Outfall	008 Area						_
				) 12.91				t): <b>179</b> 4		ob Number: 1891614			A-A1LF-2 Sout	h of	۸۳۵۶	. 4 D		_
Northi																	oau	_
		Date:		4-2009				e: 11:2			an-Barris	I	By: S. Valen		a, P.	G.		
		Date:						ne: 11:3		Prilling Contractor: B.		Field Instr	rumentation: I	N/A				_
		H <sub>2</sub> O (f	•		N/A			ne: N/A		orill Rig Type/Method:								_
		) After						ne: N/A		oriller's Name: Mike								
									no debris		Well Comp. Date:		Completion			N/A		
	lers:	Har	nd trov	vel (sc	oil pla	aced in	stainl	ess stee	l sleeve)		Soil Backfill Date:	07-14-2009	Backfill Time			11:30		
Sample Interval	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	s							SP	Poorly Grade no cementation	d Sand, dark yellowish on, few rootlets [Alluvi	n brown (10YR 4/4), um]	loose, dry,				10	90	
$\otimes$						-	KEKEK		Total Depth =	0.5 ft; terminated price	or to refusal on bedr	ock.						+
						1-			Collected soil	sample S001 at 11:30	0.							
									Backfilled with	n native soil.								
						2-												
						_												
						3-												
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(II	(	ΜV	/H							Boring ID: <b>ENB</b>	SUUSE							
Dora!							otal Da	oth /#\. ^	5	<u> </u>		JI 000 A===						
			(in.): 6	995.78	,			oth (ft): 0		Job Number: 1891614	\ Sampling - Outfa		A-A1LF-2 Sout	h of	۸۳۵۵	4 D		
North		Date:		4-200				ft): <b>1794</b> e: <b>11:3</b>			<del>+</del> nan-Barris						oau	
			: 07-1					e: 11:3 ne: <b>11:3</b>		Drilling Contractor: <b>B.</b>			By: <b>S. Valer</b> By: Tumentation:		a, P.	G.		
					N/A				0			Fleid IIIst	umentation.	N/A				
		H <sub>2</sub> O (						me: N/A		Drill Rig Type/Method:								
			r Drillin					me: N/A , no debi	wio.	Driller's Name: Mike		N/A	Completion	Timo		I/A		
								less stee			Well Comp. Date Soil Backfill Date		Completion Backfill Tim			1:38		
	JIEIS	. па	liu tro	wei (S	UII P	laceu i	II Staiii		i Sieeve)		Soli Backilli Date	:. 07-14-2009	Dackilli Tilli			% of		il
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
	S							SP	Poorly Grad	ded Sand, dark yellowisl ation, few rootlets [Alluvi	h brown (10YR 4/4 ium]	), loose, dry,			5	20	75	
									Total Depth	n = 0.5 ft; terminated prid	or to refusal on bed	drock.						
						1-			Collected se	oil sample S001 at 11:3	8.							
						'			Backfilled w	vith native soil.								
							1											
						2-	1											
							-											
	3-				1													
							+											
						4-	1											
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LOG OF BORING OUTFALL008.GPJ BOEING.GDT 12/16/09

	MW		,		<b>-</b>	tal D -	th (#1): 4		Boring ID: ENBS		na 2040 /0:::	all 000 A:1					
Borehole							th (ft): 4			A Data Gap Sampli	<u> </u>			_			—
Northing			201.59				:): <b>267</b> 9		Job Number: 1008208			_F-2 (NW of Do					
Drill Start			3-2010			art Time			Logged By: A. Ruoto			By: <b>V. Vath</b>		in, P	.G.		
Drill Finis							ne: <b>13:2</b>		Drilling Contractor: <b>B.L</b>		Field Inst	rumentation:	PID				
Depth 1st				N/A			ne: <b>N/A</b>		Drill Rig Type/Method:								
Depth H <sub>2</sub>	O After	Drillin	g (ft): <b>N</b>	N/A	Da	te / Tim	ne: N/A		Driller's Name: R. Car								
Commen	ts: On	very g	rassy	slope	Э					Well Comp. Date:	N/A	Completion	Time	e: <b>N</b>	N/A		
Samplers	: 6-ir	nch sta	inless	stee	l sleev	/e		T		Soil Backfill Date:	02-03-2010	Backfill Tim			3:27		
<u>ka</u>							_								% of	So	il
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		D	escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
s			0.5		1— 2— 3—		SP	contains roof	ed Sand, very dark gray tlets, mica [Native] dark yellowish brown (1		(2), medium de	ense, moist,	tr	10	45	40	5
					<b>5</b> —			\quartz, feldsp Total Depth : Collected so	prownish yellow (10YR) par, and mica [Chatswo = 4.5 ft; terminated due il sample S001 at 13:22 th soil cuttings.	rth Formation] to refusal on bedro		e, contains					
					6- 7- 8-												
					9— -												

Borehole	Diam	(in )· '	٦		То	tal Den	th (ft): 2	Boring ID: ENBS0148  Project: SSFL - ISRA Data Gap Sampling 2010 (Outfall 009 Area)				
Northing			1191.5	2			t): <b>268</b> (		)ohris	۸ro	a)	
Orill Start							e: <b>08:4</b>	Logged By: A. Ruotolo Reviewed By: V. Vat				
							ne: <b>09:0</b>			iii, F	.G.	
Orill Finis								Drilling Contractor: <b>B.L. Hall</b> Field Instrumentation:	PID			
Depth 1st				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger				
Depth H <sub>2</sub> 0							ne: N/A	Driller's Name: R. Cano	<b>-</b> ·			
							with gra	s, near partially charred rock Well Comp. Date: N/A Completic			N/A	
Samplers	: 6-in	ch sta	inless	stee	l sleev	ve		Soil Backfill Date: 02-04-2010 Backfill Ti			09:05	
Sample interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Sand	Б	Fine Sand 6
s			0.0		1-		SP	Poorly Graded Sand, dark yellowish brown (10YR 3/4), medium dense, moist, mica present [Native]  — becomes brown (10YR 5/3)	tr	10	45	40
					2-			Sandstone, brownish yellow (10YR 6/6), moderately weathered, moderately friable, contains quartz, feldspar, and mica [Chatsworth Formation]	/			
					3-			Total Depth = 2.0 ft; terminated due to refusal on bedrock.  Collected soil sample S001 at 08:51.  Backfilled with soil cuttings.				
					4-							
					5—							
					6-							
					7-							
					8-							
					9—							
					10-							

Borehole	Diam	(in )· '	2		Ta	tal Dan	th (ft): 4	1.5	Boring ID: ENB Project: SSFL - ISF	RA Data Gap Sampl	ing 2010 /0	II OOG Araal					
				4					1		-	•	ء اسماء	A	-\		
Northing			1188.6				t): 2680		Job Number: 100820			F-2 (NW of De					
Orill Start							e: 09:1		Logged By: A. Ruo			By: V. Vatha		ın, P	.G.		-
Orill Finis							ne: <b>09:2</b>		Drilling Contractor: B		Field Instri	umentation: I	N/A				
Depth 1st				N/A			ne: N/A		Drill Rig Type/Method:								
Depth H <sub>2</sub> 0							ne: N/A		Driller's Name: R. Ca								
							ushes a	and adjacent	to large boulder	Well Comp. Date:		Completion	Time		N/A		
Samplers	: 6-in	ch sta	inless	stee	l sleev	/e		T		Soil Backfill Date:	02-04-2010	Backfill Time			9:37		
Sample interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	0:14/012
o o					1— 2— 3—		SP	trace grave	aded Sand, dark yellowis el-size sandstone fragm es yellowish brown (10YF	ents, contains rootle	, medium dense ts, mica [Native	, moist,	tr	10	45	40	5
					5— -			\friable, con Total Depti Collected s	e, brownish yellow (10YF ntains quartz, feldspar, a th = 4.5 ft; terminated du soil samples S001 at 09: with soil cuttings.	nd mica [Chatswortl e to refusal on bedro	n Formation] ock.	rately					
					7—												
					8- - 9-												

Borehole	Diam	(in ).	2		Ta	tal Dan	th (ft). 4	ι <b>Q</b>	Project: SSFL - ISR	A Data Gap Sampli	na 2010 /0	II OOG Araal					_
							th (ft): 4		1 .	-	,		1	<b>A</b>			
Northing (			1212.3°				t): <b>2680</b>		Job Number: 1008208			F-2 (NW of De					
Drill Start							e: 11:1		Logged By: A. Ruot			By: V. Vatha		ın, P	.G.		
Drill Finis							ne: 11:3		Drilling Contractor: B.		Field Instr	umentation: I	טוי				
Depth 1st		•		N/A			ne: N/A		Drill Rig Type/Method:								
Depth H <sub>2</sub> 0							ne: <b>N/A</b>		Driller's Name: R. Ca								
							ring suri	rounded by g	rass and shrubs	Well Comp. Date:		Completion	Time		I/A		
Samplers	: 6-in	ch sta	inless	stee	l sleev	/e		T		Soil Backfill Date:	02-03-2010	Backfill Time			1:40		
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification		ļ	Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	770101413
			0.0		1— 2— 3— 4— 5— 6— 7— 9—		SP-SM	Sandstone quartz, feld Total Depth	s dark yellowish brown ( b. brownish yellow (10YR) dspar, and mica [Chatsw h = 4.8 ft; terminated due soil samples S001 at 11: with soil cuttings.	10YR 4/4)  6/8), weathered, morth Formation] e to refusal on bedro	oderately friable			10	40	40	

Roreh	مام	Diam.	(in ): '	3		To	tal Den	th (ft): 1	1.5	Boring ID: ENB Project: SSFL - ISF	RA Data Gap Samp	ling 2010 (Outfo	II NNO Aros)					
					4						-				A	٠,		_
	orthing (ft): 1794217.54 Easting (ft): 268013.12 Job Number: rill Start Date: 02-04-2010 Start Time: 09:46 Logged By: rill Finish Date: 02-04-2010 Finish Time: 09:54 Drilling Contrepth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type epth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name omments: On slight slope, moderately grassy surface amplers: 6-inch stainless steel sleeve  SP Poorly Graded Sand, very gravel consisting of sands	Job Number: 100820			F-2 (NW of De													
		Date: 02-04-2010 Start Time: 09:46  In Date: 02-04-2010 Finish Time: 09:54  H2O (ft): N/A Date / Time: N/A  S: On slight slope, moderately grassy surface  6-inch stainless steel sleeve  Capablic Corrections  (%)  SP Poorly Cogravel comparison of the property of the prop		Logged By: A. Ruo			By: V. Vatha		ın, P	G.								
						Field Instr	umentation: I	N/A										
											_							_
										Driller's Name: R. Ca			1					
								sy surfa	ce				Completion	Time				
	lers:	6-in	ch sta	inles	stee	el sleev	ve		ı		Soil Backfill Date	02-04-2010	Backfill Time					
ample Interval etained	ample Type	ecovery %)	low ount/6"	ID (ppm)	later Level	epth (feet)	raphic Log	SCS Soil lassification			Description							
Ö Œ		<u>R</u> 6)	<u>mo</u>	<u>a</u>	<u> </u>	-			Poorly Grac gravel cons	ded Sand, very dark bro sisting of sandstone frag	own (10YR 2/2), me gments, contains ro	dium dense, mo otlets, mica [Nat	ist, fine ive]	10	10	<b>W</b> 40	35	
						-			\ Sandstone,	yellow (10YR 7/6), mo	derately weathered	slightly friable,	contains /					Ħ
												a ale						
Drill Finish Date: 02-04-2010 Finish Time: 09:54 Drilling Contractor: B.L. Hall Field Instrumentation: N/A  Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Date / Time: N/A Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Date																		
									Collected so	oil sample S001 at 09:4	<b>l</b> 8.							
						_			Backfilled w	vith soil cuttings								
									Backinica W	vitir son outtings.								
						3-												
						_												
						4												
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						5												
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						6-	1											
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<u> </u>	_	MW				1_	4-15	45-750		Boring ID: ENB		0040 /2 /2	II 000 4					_
					_						A Data Gap Sampli							_
lorthi			fter Drilling (ft): N/A  Surface covered with fresh grass 6-inch stainless steel sleeve  Mater Trime: N/A  Surface covered with fresh grass 6-inch stainless steel sleeve  Mater Trime: N/A  Mater Trime: N/A  Surface covered with fresh grass  Graphic Toda Drophy (feet)  SP Poorly (fine grant)  Sandsto quartz, Total Drophy (foet)  Collected		Job Number: 1008208			F-2 (NW of De										
					Logged By: A. Ruot			By: V. Vatha		n, P.	G.							
					Drilling Contractor: B.		Field Instru	umentation: F	PID									
		H <sub>2</sub> O (1			Drill Rig Type/Method:								_					
										Driller's Name: R. Ca								
comn	nent	s: Sur	face c	overe	d wit	h frest	n grass				Well Comp. Date:		Completion	Time	: <b>N</b>	I/A		
	lers:	: 6-ir	nch sta	inless	stee	el sleev	ve				Soil Backfill Date:	02-04-2010	Backfill Time			0:20		
Sample Interval Retained	Sample Type	Recovery %)	3low Sount/6"	(mdd) Ole	Nater Level	Jepth (feet)	3raphic Log	JSCS Soil Slassification		ī	Description			Gravel	Coarse Sand '15	Med. Sand	Fine Sand	oil
	s	E C	ш о		<u>&gt;</u>	-			fine gravel o	led Sand, very dark gra consisting of sandstone	fragments, contains	rootlets [Native	e] 	10	10	40	35	
						1			\quartz, felds	yellow (10YR 7/6), mod spar, and mica [Chatswo = 1.0 ft; terminated due	orth Formation]		contains					
		0.0  SP Poorly Grader fine gravel co  Sandstone, ye quartz, feldsp Total Depth =  Collected soil																
										oil sample S001 at 10:1	٠.							
						2-			Backfilled w	ith soil cuttings.								
						_												
						_												
						3-												
						-												
						4-												
						-												
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						5												
			1 SP Poor fine  1 San qual Tota Coll Bac  4-															
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						-												
						9-												
	- 1				1													

Borehole	MW		2		Т-	tal Dan	th /ft\· f		Boring ID: ENB		ing 2010 /0:-45-	all OOR Area					
												•	ء اسط	Δ	-\		
Northing			1206.9					SSFL - ISRA Data Gap Sampling 2010 (Out 67977.32 Job Number: 1008208 Site: A1 4:03 Logged By: A. Ruotolo Reviewe 4:20 Drilling Contractor: B.L. Hall Field Insula Drill Rig Type/Method: Hand Auger I/A Driller's Name: R. Cano Gegetation and charred wood Well Comp. Date: N/A Soil Backfill Date: 02-03-2010									
Drill Star									•			•		ın, P	.G.		
Drill Finis								267977.32 Job Number: 1008208 Site: A1LF 14:03 Logged By: A. Ruotolo Reviewed E 14:20 Drilling Contractor: B.L. Hall Field Instru N/A Drill Rig Type/Method: Hand Auger N/A Driller's Name: R. Cano vegetation and charred wood Well Comp. Date: N/A Soil Backfill Date: 02-03-2010  Description	umentation: I	PID							
Depth 1s				N/A			ne: N/A										
Depth H <sub>2</sub>							ne: N/A										
Commer	ts: In s	small c	learin	g cov	ered v	with dr	ied vege	etation and char	rred wood	Well Comp. Date:	N/A	Completion	Time	e: <b>N</b>	N/A		
Samplers	s: <b>6-ir</b>	nch sta	inless	stee	l sleev	ve				Soil Backfill Date:	02-03-2010	Backfill Time	<u>e:</u>	1	4:24	ļ.	
erval oe				_	_	ත	o							Est.	% o	f So	lic
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification						Gravel	Coarse Sand	Med. Sand	Fine Sand	
s			0.1		0		SP	Sandstone, b quartz, feldsp	ed Sand, brown (10YR agments, mica [Native]  dark yellowish brown (10YR brownish yellow (10YR par, and mica [Chatswo	6/8), weathered, morth Formation]	oderately friable			10	45	40	
					4			Collected soi	il samples S001 at 14:0						hoot		

Rorah	مام	Diam.	(in )· 1	2		T <sub>2</sub>	tal Dan	th (ft): 1	6	Project: SSFL - ISR	A Data Gap Sampli	na 2010 (Outfo	II OOG Arga)				
															A	-\	
Northing (ft): 1794220.19 Easting (ft): 267965.61 Job Number: 1008208 Site: A1LF-2 (NW of Debri Drill Start Date: 02-04-2010 Start Time: 10:36 Logged By: A. Ruotolo Reviewed By: V. Vathana Drill Finish Date: 02-04-2010 Finish Time: 10:41 Drilling Contractor: B.L. Hall Field Instrumentation: PID Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Drill Rig Type/Method: Hand Auger Depth H <sub>2</sub> O After Drilling (ft): N/A Date / Time: N/A Driller's Name: R. Cano  Comments: On slope covered with fresh vegetation Samplers: 6-inch stainless steel sleeve Soil Backfill Date: 02-04-2010 Backfill Time: N/A Description																	
		•		ın, P	.G.												
												Field Instr	umentation: I	PID			—
			•														—
						-				Driller's Name: R. Ca							
								etation					Completion	Time			
	lers	6-in	ch sta	inless	stee	el sleev	ve				Soil Backfill Date:	02-04-2010	Backfill Time				
ample interval etained	ample Type	ecovery %)	low ount/6"	ID (ppm)	/ater Level	epth (feet)	raphic Log	SCS Soil lassification		ı	Description						
ő œ		<u>R</u> 6)	<u> </u>		8	0- 1-	9		dense, moist					5	10	35	
	Pepth 1st H <sub>2</sub> O (ff): N/A Date / Time: N																
Depth 1st H <sub>2</sub> O (ft): N/A Date / Time: N/A Depth H <sub>2</sub> O After Orilling (ft): N/A Direction: N/A Driller's Name: R. Cano Comments: On slope covered with fresh vegetation Samplers: 6-inch stainless steel sleev Soil Backfill Date: 02-04-2010 Backfill Time: Description  Description  Description  Description  Description  Soil Backfill Date: 02-04-2010 Backfill Time: Est  Description  Description  Soil Backfill Date: 02-04-2010 Backfill Time: Description  Soil Backfill Date: 02-04-2010 Backfi																	
						_			Backfilled wi	ith soil cuttings.							
						3-											
						4											
						_											
Depth H,O After Drilling (ft): N/A  Comments: On slope covered with firsh vegetation  Samplers: Gridch stainless steel sleeve  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Description  Description  Description  Description  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Description  Description  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Description  Description  Description  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Description  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Description  Description  Description  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Description  Description  Description  Soil Backfill Date: 02-04-2010  Backfill Time: 10-04  Est. %  Description  Des																	
						6-											
						_											
						7-											
s   0.0   SP-SM   Poorly Graded Sand with Silt, very dark grayish brown (10YR 3/2), medium dense, moist, gravel consists of sandstone fragments, contains roots and rootlets [Native]   1—																	
						8-											
						9-											
	- 1																

	MW							Boring ID: ENBS0155					
Borehole	Diam.						th (ft): 3						
Northing	(ft):		1191.5		Ea	asting (f	t): <b>267</b> 9	·	bris	Are	a)		
Drill Start	t Date:	02-0	3-2010	0		art Time			ınasi	in, P	.G.		
Drill Finis	sh Date	: 02-0	3-2010	0	Fir	nish Tin	ne: <b>13:</b> 4	Drilling Contractor: <b>B.L. Hall</b> Field Instrumentation:	PID				
Depth 1s	t H <sub>2</sub> O (	ft):		N/A	Da	ate / Tin	ne: <b>N/A</b>	Drill Rig Type/Method: Hand Auger					
Depth H <sub>2</sub>	O Afte	r Drillin	g (ft): <b>I</b>	N/A	Da	ate / Tin	ne: N/A	Driller's Name: R. Cano					
Commen	ts: On	slope	spars	ely c	overed	d with f	resh gra	Well Comp. Date: N/A Completion	Time	e: <b>I</b>	N/A		
Samplers	s: <b>6-i</b> i	nch sta	ainless	stee	el slee	ve		Soil Backfill Date: 02-03-2010 Backfill Time	e:	1	13:53	3	
<u>8</u>							_		1	Est.	% o	f So	il
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand		Fine Sand	Silt/Clay
s			0.2		1		SP	Poorly Graded Sand, very dark grayish brown (10YR 3/2), medium dense, moist, contains roots and rootlets, mica [Native]  — becomes dark yellowish brown (10YR 4/4)		10	45	40	5
s			0.2		3- - 4-			becomes yellowish brown (10YR 5/6), with few gravel  Sandstone, brownish yellow (10YR 6/8), weathered, moderately friable, contains quartz, feldspar, and mica [Chatsworth Formation]  Total Depth = 3.5 ft; terminated due to refusal on bedrock.  Collected soil samples S001 at 13:37 and S002 at 13:49.  Backfilled with soil cuttings.	10	5	40	40	5
					5 - 6	-							
					7- - 8-	-							
					9								

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				i									$\dashv$
								-		n, P.	G.		
							T ICIU ITISUL	imentation. F	טו				
				etween	•		N/A	Completion	Time	: N	I/A		
						·							
			_						E	Est.	% of	So	il
Count/6" PID (ppm) Water Level	Depth (feet)	Graphic Log							Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
0.0	3-		gra\ <b>√</b> b	vel-size	sandstone fragments, or	ontains rootlets [Nativ	re]		tr	10	45	40	5
	7- 8-		\qua Tota Coll	artz, feld al Depth llected s	spar, and mica [Chatswon = 4.5 ft; terminated due oil samples S001 at 11:1	orth Formation] to refusal on bedroc	k.	, contains					
	Countfe  Countfe  Mater Level  Water Level	1: 3	794175.61 Easting (to 2-04-2010 Start Time 2-04-2010 Finish Time N/A Date / Time IIII clearing surrounded by stainless steel sleeve  1—  1—  1000  1000  1000  1000  1000  1000  1000  1000  2000  1000  2000  1000  200	Total Depth (ft): 4.5   Total Depth (ft): 4.5   Total Depth (ft): 4.5   Total Depth (ft): 267982.26   2-04-2010   Start Time: 11:09   2-04-2010   Finish Time: 11:24     N/A	Total Depth (ft): 4.5  794175.61	Total Depth (ft): 4.5 Project: SSFL - ISR, 794175.61 Easting (ft): 267982.26 Job Number: 1008208 2-04-2010 Start Time: 11:09 Logged By: A Ruote 2-04-2010 Finish Time: 11:24 Drilling Contractor: B.I. N/A Date / Time: N/A Drill Rig Type/Methodilling (ft): N/A Date / Time: N/A Driller's Name: R. Car all clearing surrounded by dense brush between large boulders stainless steel sleeve    10	7- becomes yellowish brown (10YR 5/4)  Total Depth (ft): 4.5 Project: SSFL -ISRA Data Gap Samplin 794175.61 Easting (ft): 267982.26 Job Number: 1008208 2-04-2010 Start Time: 11:09 Logged By: A Ruotolo Finish Time: 11:24 Drilling Contractor: B.L. Hall NuA Date / Time: N/A Drill Rig Type/Method: Hand Auger Drilling (ft): N/A Date / Time: N/A Drilling (ft): N/A Drilling (ft): N/A Date / Time: N/A Drilling (ft): N/A Drilling	Total Depth (ft): 4.5 Project: SSFL - ISRA Data Gap Sampling 2010 (Outfa 1794175.61 Easting (ft): 267982.26 Job Number: 1008208 Site: Attl 244-2010 Start Time: 11:24 Dolling Contractor: B.L. Hall Field Instr. NIA Date / Time: NIA Drill Rig Type/Method: Hand Auger Diller (ft): NIA Date / Time: NIA Drill Rig Type/Method: Hand Auger Diller (ft): NIA Date / Time: NIA Drill Rig Type/Method: Hand Auger Diller (ft): NIA Date / Time: NIA Drill Rig Type/Method: Hand Auger Diller (ft): NIA Date / Time: NIA Drill Rig Type/Method: Hand Auger Diller (ft): NIA Date / Time: NIA Driller (ft): NIA	Total Depth (ft): 4.5   Project: SSP, -ISRA Data Gap Sampling 2010 (Outfall 009 Area)   794175.61   Easting (ft): 267982.26   Job Number: 1009208   Site: AtLF-2 (tWo of De 204-2010   Finish Time: 11:24   Drilling Contractor: B.L. Hall   Field Instrumentation: F   Date / Time: NA   Drilling Rig Type/Method: Hand Auger   Date / Time: NA   Drilling Rig Type/Method: Hand Auger   Date / Time: NA   Drilling Rig Type/Method: Hand Auger   Date / Time: NA   Drilling Shame: R. Cano   Drill	Total Depth (ti): 4.5 Project: SSR-ISRA Data Cap Sampling 2010 (Outfall 009 Area) 794175.61 Easting (ti): 267982.26 Job Number: 1008208 Site: ALLF-2 (NW of Debris 204-2010 Sint Time: 11124 Dottiling Contractor: BLL Hall Field Instrumentation: PID NA Date / Time: NA Deate / Time	Total Depth (ft): 4.5   Project: SSPL I-ISRA Data Gap Sampling 2010 (Outfall 009 Area)	Total Depth (ft): 4.5   Project: SSFL ISRA Data Gap Sampling 2010 (Outfall 009 Area)   799475.611   Easting (ft): 287982.26   Job Number: 1098208   Site: AftLF2 (NW of Debrits Area)   Job Number: 1098208   Site: AftLF2 (NW of Debrits Area)   Job Number: 1098208   Site: AftLF2 (NW of Debrits Area)   Job Number: 1098208   Job Nu	Solid   September   Septembe

LOG OF BORING OUTFALL009.GPJ BOEING.GDT 2/25/10

Borr	bolo a	Diam.	(in ): •	2_1/4		Total Da	pth (ft):		Boring ID: <b>ILBS</b> Project: <b>SSFL-ISR</b>	A Data Gap Sampli	ing 2010 (0:-4	all 000 Area\					_
					4				•				٥١				
	hing (	οιι). Date:		957.5		Start Tir	(ft): <b>268</b> 2 ne: <b>10:</b> 1		Job Number: 1008208 Logged By: S. Aichn			. (North - Gras By: <b>B. Mart</b> a		ВС	#02	EC	
												-		P.G.	. #03	90	
		h Date					me: 10:5		Drilling Contractor: Str			rumentation:	PID				
		H <sub>2</sub> O (f			N/A		me: N/A		Drill Rig Type/Method:		rush						
		O After				Date / T	me: N/A		Driller's Name: Eric /								
		ts: We								Well Comp. Date:		Completion	Time		N/A		
	plers	: Ma	crocor	e, disc	crete	sample reta	ined in 6	inch stainless	s steel sleeve	Soil Backfill Date:	01-28-2010	Backfill Tim			11:00		
<u>Za</u>	_						_								% o	So	<u>il</u>
Sample Interval	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	USCS Soil Classification			escription			Gravel	Coarse Sand	Med. Sand	Fine Sand	
	ø			0.4		1— 2— 3— 4— 5—	SM	[Native]	yellowish brown (10YR		ist, trace clay,	micaceous				70	31
∞						150454		Total Depth	= 5.5 ft; terminated prio	r to refusal on bedr	ock.						H
								_	·								
						6-		Collected SC	oil sample S001 at 10:50	·.							
								Backfilled w	ith soil cuttings topped o	off with hydrated be	ntonite.						
						7											
						7-											
						_											
						8-											
						4											
						9-											
						1											
					1	1	1	1					1	1	1		
	- 1																1

	MW				Τ.				Boring ID: ILBS								_
orehole							oth (ft): 0			RA Data Gap Samplir							_
orthing			5980.4				t): <b>2684</b>		Job Number: 100820			(North - Build					_
rill Start							e: <b>09:5</b>		Logged By: A. Ruo			By: <b>B. Marta</b>		P.G.	#83	56	
rill Finis							ne: <b>09:5</b>		Drilling Contractor: B		Field Instr	umentation: I	N/A				
epth 1st				N/A			ne: N/A		Drill Rig Type/Method								_
epth H <sub>2</sub> 0							ne: N/A	•	Driller's Name: M. H								
ommen	ts: <b>As</b> p	halt p	aveme	ent at	t surfa	ce, co	red prior	to hand auger	ing	Well Comp. Date:		Completion	Time		I/A		
amplers	: No	sampl	e colle	ected	l			T		Soil Backfill Date:	02-08-2010	Backfill Time			0:03		
Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description				rse Sand	Med. Sand	Fine Sand	
Reta Sam	% %	Sou Cou	吕	Wat	Dep	Gra	USC						Gravel	Coarse	Med	Fine	
					·			Asphalt (core	ed)								
					-		SP-SM	Poorly Grade	ed Sand with Silt, yellot; possibly weathered	owish brown (10YR 5/	4), medium de	ense, moist,		tr	50	40	,
									yellow (10YR 7/6), hig		atelv friable. c	ontains /					Ŧ
					1			quartz, felds	par, and mica [Chatsv	vorth Formation]							
								Total Depth	= 0.8 ft; terminated du	ie to refusal on bedro	ck.						
					-			No soil sam	ole collected.								
										1 1 10 11 11							
					2-			Backfilled wi	th soil cuttings and se	aled with cold patch.							
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	MW	/H						Boring ID: ILBS0180A					
Borehole	Diam.						th (ft): 0						_
Northing			992.4				t): <b>268</b> 4						
Orill Start							e: <b>09:4</b>			P.G.	#83	56	
Orill Finis							ne: <b>09:4</b>		PID				_
Depth 1st				N/A			ne: N/A	Drill Rig Type/Method: Hand Auger					_
Depth H <sub>2</sub> 0							ne: N/A	Driller's Name: M. Hoehn  well Comp. Date: N/A Completion	Time	· N	N/A		
Samplers		sampl				и риог	io manu	Soil Backfill Date: 02-08-2010 Backfill Time			9:50	)	
	110	- Cumpi	0 00		•			CON BUCKINI BUILD. UZ 00 2010   BUCKINI TITIK		Est.			il
Sample Interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Gravel	Coarse Sand	Med. Sand	Fine Sand	
SaR	₽8 (%	ăЗ	Ы	Š	0- 0	P	35	Concrete (cored)	้อ	ပိ	ğ	Ē	ة
					-		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, moist, mica present;			40	40	2
			0.2				Sivi	possibly weathered sandstone [Native]			40	40	-
					1-	-		Sandstone, yellow (10YR 7/6), highly weathered, moderately friable, contains quartz, feldspar, and mica [Chatsworth Formation]					f
								Total Depth = 0.9 ft; terminated due to refusal on bedrock.					
					-			No soil sample collected.					
					2-			Backfilled with soil cuttings and sealed with cold patch.					
					_								
					3-								
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					10-								1

	Н						Boring ID: ILBS0249							_
Borehole Diam. (					pth (ft): 5		Project: SSFL ISRA Sampling - Outfall							
Northing (ft):							Job Number: 1891614	Site: IEL						
Orill Start Date:	t): N/A Date / Time: N/A  Drilling (ft): N/A Date / Time: N/A  halt pavement at sample location  e hammer with stainless steel sleeve	5	Logged By: B. Martasin, P.G. #8356	Reviewed	By: B. Mart	asin,	P.G	#83	56					
Orill Finish Date:	06-03	-2009		Finish T	ime: 13:0	5	Drilling Contractor: Strongarm	Field Instr	umentation:	N/A				
Depth 1st H <sub>2</sub> O (fi	t):	N/	/Α	Date / T	ime: N/A		Drill Rig Type/Method: Hand Auger							
Depth H <sub>2</sub> O After	Drilling	(ft): <b>N</b> /	/A	Date / T	ime: N/A		Driller's Name: K. Rigney							
Comments: Asp	halt pa	vemer	nt at sa	mple loc	ation		Well Comp. Date:		Completion	Time	e: 1	N/A		
	e hamn	<u>ner wi</u>	th stai	iless ste	el sleeve	T	Soil Backfill Date:	06-03-2009	Backfill Tim			3:10		
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Graphic Log	USCS Soil Classification		Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	
						Asphalt 4 i	nches thick over 2 inches road base							
S S				2-	SM	Silty Sand gravel up t	with Gravel, brown (10YR 4/3), medium den o 1/2 inch diameter [Fill]	se, moist, angu	ılar granitic	15	15	20	20	
S					4	Total Dont	h = 5.0 ft; terminated prior to refusal.							+
				4			•							
				6-		Collected s	soil samples S001 at 13:00 and S002 at 13:0	5.						
						Backfilled v	with auger cuttings.							
			1 1 1	2 - - - - - - - - - - - - - - - - - -										

	MW								Boring ID: ILBS								_
Borehole	Diam. (						th (ft): 1			Sampling - Outfall							_
lorthing (	(ft):		373.80		Ea	sting (f	t): <b>1796</b>	6059.89	Job Number: 1891614		Site: IEL						_
orill Start	Date:	06-0	3-2009	)			e: <b>12:3</b>			sin, P.G. #8356	Reviewed	By: B. Marta	asin,	P.G.	#83	56	
rill Finis	h Date:	06-0	3-2009	•	Fir	nish Tin	ne: <b>12:4</b>	5	Drilling Contractor: Str	ongarm	Field Instr	umentation:	N/A				_
epth 1st	H <sub>2</sub> O (f	t):		N/A	Da	te / Tin	ne: N/A		Drill Rig Type/Method:	Hand Auger							_
epth H <sub>2</sub> 0							ne: <b>N/A</b>		Driller's Name: K. Rig			<u> </u>					_
comment										Well Comp. Date:	N/A	Completion	Time	e: <b>N</b>	I/A		_
Samplers	: Slid	e ham	nmer v	vith s	tainle	ss stee	l sleeve	ı		Soil Backfill Date:	06-03-2009	Backfill Tim			2:50		
Sample interval Retained Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification			Description			Gravel	Coarse Sand	Med. Sand	Fine Sand 6	Ī
					•			Asphalt 4 in	ches thick over 2 inches	s road base							
⊗ s							SM	Silty Sand, b	brownish yellow (10YR	6/8), medium dense,	iron oxide sta	ining					T
×					_			[Alluvium]									
					-	RAMAGA		Total Depth	= 1.5 ft; refusal on wea	thered Chatsworth F	ormation Sand	dstone.					+
					2-							=-					
					-			Collected so	oil sample S001 at 12:45	Э.							
					_			Backfilled w	ith auger cuttings.								
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	Description    Description   D															
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									,		•		P.G.	#83	56	
										· · · · · · · · · · · · · · · · · · ·	rumentation:	N/A				
										er						
						ate / Tim	ne: <b>N/A</b>									_
omment											Completion	Time				_
amplers:	Slid	e ham	ımer v	vith s	tainle	ss stee	l sleeve	)	Soil Backf	ill Date: <b>06-03-2009</b>	Backfill Tim					
Retained Sample Type	2		E	evel	eet)	Log	oil cation		Deceriation				Sand			
Retained Sample T	Recove (%)	Blow Count/6	PID (pp	Depth (fe Le								Gravel	Coarse		Fine Sa	
s					-		SM	Silty Sand w	vith Gravel, light brown (7.5YR 6/3)	loose, dry, granitic gra	avel [Fill]	15	15	20	30	1
					2-		 SM	Silty Sand, I	brown (10YR 4/3), medium dense,						60	
					_											
8					4-			becomes slightly co	brownish yellow (10YR 6/8) with iro parser sand, decrease in fines, root	on oxide staining, mica lets observed	ceous,			10	70	
S					_			T-4-I D4b	- F O #: t							ļ
					_			Total Depth	= 5.0 ft; terminated prior to refusal.							
					•			Collected so	oil samples S001 at 12:20 and S002	2 at 12:30.						
					6-			Packfilled w	ith augor outtings							
					-											
					-											
					12- - -											
					14-											
					16-											
					- -											
					- 18-											
					-											

	/H				Boring ID: ILBS0252	Project: SSFL ISRA Sampling - Outfall 009 Area  Job Number: 1891614 Site: IEL  Logged By: B. Martasin, P.G. #8356 Reviewed By  Drilling Contractor: Strongarm Field Instrum  Drill Rig Type/Method: Geoprobe 5400/Direct Push  Driller's Name: K. Rigney  Well Comp. Date: N/A  Soil Backfill Date: 06-03-2009  Description  Description  dark brown (7.5YR 3/4), dense, moist [Fill]						
Borehole Diam.	(in.): <b>2</b>		Total D	epth (ft): 5	Project: SSFL ISRA Sampling - Outfall 00	9 Area						
Northing (ft):	268284.	4.78	Easting	(ft): 179	4.43 Job Number: 1891614	Site: IEL						
Orill Start Date:	06-03-2	2009		me: 11:1	Logged By: B. Martasin, P.G. #8356	Reviewed	By: B. Marta	ısin,	P.G	. #83	56	
Orill Finish Date				ime: 11:1	Drilling Contractor: Strongarm		umentation: I	N/A				
epth 1st H <sub>2</sub> O		N/A		ime: N/A		t Push						_
Depth H <sub>2</sub> O Afte	r Drilling (f	(ft): <b>N/A</b>	Date /	ime: N/A								
Comments:							Completion			N/A	_	
	oprobe m	nacrocore	with acet	ate sleeve	Soil Backfill Date: <b>06</b>	5-03-2009	Backfill Time			11:25 % o		
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6"	PID (ppm) Water Level	Depth (feet)	© USCS Soil ⊠ Classification	Description Silty Sand, dark brown (7.5YR 3/4), dense, moist [Fill]	·						)
s s			<b>2</b> —	SM	Silty Sand, brownish yellow (10YR 6/8), hard, moist, micac staining [Weathered Chatsworth Formation Sandstone]  Fotal Depth = 5.0 ft; terminated prior to refusal.  Collected soil samples S001 at 11:15 and S002 at 11:20.	ceous, iron o	 	5	5	10	50	
			6-		Collected soil samples S001 at 11:15 and S002 at 11:20.							
			10- 12- 14- 16-									

	/H						Boring ID: ILBS0253							
Borehole Diam.	(in.): 2			Tot	tal Depth (ft)	): 5.0	Project: SSFL ISRA Sampling - Outfall							_
Northing (ft):		48.59			sting (ft): 1		Job Number: <b>1891614</b>	Site: IEL						
Orill Start Date:					art Time: 1		Logged By: B. Martasin, P.G. #8356		By: <b>B. Marta</b>		P.G	#83	56	
Orill Finish Date					ish Time: N		Drilling Contractor: Strongarm		umentation: F	PID				_
Depth 1st H <sub>2</sub> O (			N/A		te / Time: N		Drill Rig Type/Method: Geoprobe 5400/Dir	ect Push						_
Depth H <sub>2</sub> O After				Da	te / Time: N	N/A	Driller's Name: K. Rigney							_
Comments: Ba				•••			Well Comp. Date:		Completion			N/A		_
Samplers: <b>Ge</b>	oprobe	macr	ocore	with			Soil Backfill Date:	06-03-2009	Backfill Time			NR % of	F So	il
Sample Interval Retained Sample Type Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log		Description			Gravel	Sand	Med. Sand	Fine Sand	
s s		0.0		2-	SM	M Silty Sand, staining [Al	brownish yellow (10YR 6/6), dense, moist, n lluvium]	nicaceous, iron	oxide			10	70	2
s		0.0		4-		Tatal Daniel								
				4		l otal Deptr	h = 5.0 ft; terminated prior to refusal.							
				6-		Collected s	soil samples S001 at 10:55 and S002 at 11:0	0.						
						Backfilled v	with geoprobe cuttings.							
				8- - 10- - 12- - - 14- - -										

Boring ID: ILBS0306   Borehole Diam. (in.): 3   Total Depth (ft): 2.0   Project: SSFL - ISRA Data Gap Sampling 2010 (Outfall 009 Area)   Northing (ft): 1796006.19   Easting (ft): 268402.95   Job Number: 1008208   Site: IEL (North - Build Control of the Contro															_			
											-						_	
													Building Corner)					
Orill Start							e: <b>09:1</b>		Logged By: S. Aichi			By: B. Marta		P.G.	#83	8356		
rill Finish							ne: <b>09:4</b>		Drilling Contractor: B.		Field Instr	umentation: I	PID				_	
epth 1st		_		N/A			ne: N/A		Drill Rig Type/Method:									
epth H <sub>2</sub> 0					•		ne: N/A		Driller's Name: M. Ho									
comment	s: <b>As</b> p	halt p	aveme	ent at	t surfa	ce, cor	ed prior	to augering		Well Comp. Date: I		Completion	Time		I/A		_	
Samplers	6-in	ch sta	inless	stee	el sleev	ve				Soil Backfill Date:	02-09-2010	Backfill Time			9:50			
terval							st.	Med. Sand	Fine Sand									
Retained Sample T	Recovery (%)	Blow Count/6"	PID (ppm)	Wate	Dept	Grap	USCS						Gravel	Coarse	Med.	Fine		
					U-			Asphalt over	r gravel road base									
					=		SM	Silty Sand, d	dark yellowish brown (1	OYR 4/4), medium de	nse. moist. tra	ace	tr		10	50	-	
s			1.2		1-			gravel-size s	sandstone fragments, n	nicaceous [Native]	, , , , , , , , , , , , , , , , , , , ,							
					-			▼ becomes	yellowish brown (10YR	5/6)								
					2-				yellowish brown (10YR			ation]					ŧ	
								Total Depth	= 2.0 ft; terminated due	to refusal on bedroo	k.							
					-			Collected so	oil sample S001 at 09:30	).								
								Backfilled wi	ith soil cuttings and sea	led with cold patch								
					3-					iou iii colu patolii								
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Borehole Diam. (in.): 3 Total Depth (ft): 0.9							tal Da	th /#\. ^		Boring ID: ILBS0307								
										Project: SSFL - ISRA Data Gap Sampling 2010 (Outfall 009 Area)  Job Number: 1008208 Site: IEL (North - Building Corner)								_
Northi				969.6				t): <b>268</b> 3		Job Number: 1008208								_
Drill Start Date:         02-08-2010         Start Time:         10:02           Drill Finish Date:         02-08-2010         Finish Time:         13:10					Logged By: A. Ruot			By: <b>B. Marta</b>		P.G.	#83	56						
					Drilling Contractor: B.		Field Instr	umentation: F	PID				_					
		H₂O (f			N/A			ne: N/A		Drill Rig Type/Method:								_
			Drillin			-		ne: N/A	•	Driller's Name: M. Ho								
Comm	ents	s: <b>As</b> p	halt p	avem	ent a	t surfa	ice, cor	ed prior	to augering		Well Comp. Date:	N/A	Completion	Time	: <b>N</b>	I/A		
Sampl	lers:	6-in	ch sta	inless	ste	el slee	ve		T		Soil Backfill Date:	02-08-2010	Backfill Time			3:12		
Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Asphalt over	<b>I</b> r 1 inch of gravel road b	Description			Gravel	Coarse Sand	Med. Sand	Fine Sand	il
	s s			_		SP-SM		ed Sand with Silt, yello		4) medium de	ense moist		tr	50	40			
	S			0.1				OI -OIVI	mica present	t, possibly weathered s	andstone [Native]				u	30	40	L
						1-	-		\contains qua	dark yellowish brown (1 artz, feldspar, and mica = 0.9 ft; terminated due	, iron oxidation [Char e to refusal on bedro	sworth Forma						
							il samples S001 and S											
				2-	-		Backfilled wi	ith soil cuttings and sea	lled with cold patch.									
						-												
						3-	-											
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