



Boring ID: **B1ET0661**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269306.70	Easting (ft): 1796787.85	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-15-2010	Start Time: 13:43	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-15-2010	Finish Time: 13:55	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.1		1.5		SM	Silty Sand, dark yellowish brown (10YR 3/4), medium dense, moist, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	10	50	30
						2			Total Depth = 2.0 ft. Collected soil sample S001 at 13:55 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0662**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269293.12	Easting (ft): 1796818.44	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-15-2010	Start Time: NR	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-15-2010	Finish Time: 13:05	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: J. Ortiz	

Comments: Surface soil and alluvium excavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		2		SM	Silty Sand, yellowish brown (10YR 5/4), medium dense, dry, strong cementation [Alluvium]			15	70	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:05 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0663**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269277.67	Easting (ft): 1796807.03	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-12-2010	Start Time: 13:23	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-12-2010	Finish Time: 13:41	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		3		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous [Alluvium]	tr	10	70	20	
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:41 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0664**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269288.38	Easting (ft): 1796795.98	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-15-2010	Start Time: NR	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-15-2010	Finish Time: 13:30	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: J. Ortiz	

Comments: Surface soil and alluvium excavated to approx. 1.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.1		1.5		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, weak cementation [Alluvium]			10	70	20
						2			Total Depth = 2.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0665**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269301.09	Easting (ft): 1796787.90	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-15-2010	Start Time: NR	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-15-2010	Finish Time: 13:50	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: J. Ortiz	

Comments: Surface soil and alluvium excavated to approx. 1.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s s			0.2		1 2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, weak cementation [Alluvium]			15	70	15
						3 4 5 6 7 8 9 10			Total Depth = 2.0 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and duplicate D001 at 13:50 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0667**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269152.52	Easting (ft): 1796913.52	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-12-2010	Start Time: 10:30	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-12-2010	Finish Time: 10:40	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.2		3		SM	Silty Sand, reddish brown (5YR 4/4), loose, dry, micaceous [Alluvium]	tr	10	60	30	
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:40 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0668**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269402.27	Easting (ft): 1796876.89	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-02-2010	Start Time: 08:04	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-02-2010	Finish Time: 08:18	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		3		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, micaceous [Alluvium]			10	70	20
						4			Total Depth = 3.5 ft. Collected soil sample S001 at 08:18 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0669**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269391.39	Easting (ft): 1796866.79	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-01-2010	Start Time: 12:46	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-01-2010	Finish Time: 13:06	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.2		5		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose, moist, trace clay, micaceous [Alluvium]		10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:06 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0670**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269403.95	Easting (ft): 1796859.01	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-01-2010	Start Time: 13:10	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-01-2010	Finish Time: 13:19	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		5		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous [Alluvium]		10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:19 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0671**

Borehole Diam. (in.): 2	Total Depth (ft): 1.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269384.70	Easting (ft): 1796844.81	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-02-2010	Start Time: 07:51	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-02-2010	Finish Time: 08:03	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium excavated to approx. 1 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.2		1		SM	Silty Sand, dark brown (10YR 3/3), loose, moist, micaceous, contains plant roots and debris			10	70	20
						2			Total Depth = 1.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:03 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0672**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269376.71	Easting (ft): 1796860.42	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-02-2010	Start Time: 07:36	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-02-2010	Finish Time: 07:49	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		5		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous [Alluvium]		10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and duplicate D001 at 07:49 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0673**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269370.89	Easting (ft): 1796839.05	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-01-2010	Start Time: 11:32	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-01-2010	Finish Time: 11:53	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		5		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, trace clay, micaceous [Alluvium]		10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:53 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0674**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269358.09	Easting (ft): 1796844.57	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-01-2010	Start Time: 11:07	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-01-2010	Finish Time: 11:20	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.3		5		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, trace clay, micaceous, contains plant roots [Alluvium]			10	70	20
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:20 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0675**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269358.35	Easting (ft): 1796866.25	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 13:53	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 14:11	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, contains plant roots [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:11 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0676**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269357.64	Easting (ft): 1796877.90	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 10:49	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 11:04	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 1.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.0		1.5		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, contains plant roots [Alluvium]	tr	10	70	20	
						2			Total Depth = 2.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:04 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0677**

Borehole Diam. (in.): 2	Total Depth (ft): 1.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269358.31	Easting (ft): 1796889.86	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 11:05	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 11:19	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.1		0.5		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, contains plant roots [Alluvium]		tr	10	70	20
						1			Total Depth = 1.0 ft. Collected soil sample S001 at 11:19 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						2								
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0678**

Borehole Diam. (in.): 2	Total Depth (ft): 6.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269341.08	Easting (ft): 1796826.86	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-02-2010	Start Time: 07:18	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-02-2010	Finish Time: 07:30	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium excavated to approx. 6 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		6		SM	Silty Sand, yellowish brown (10YR 5/4), loose, moist, micaceous [Alluvium]			10	70	20
						7			Total Depth = 6.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 07:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0679**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269333.90	Easting (ft): 1796853.71	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 13:38	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 13:50	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, contains plant roots [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:50 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0680**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269337.55	Easting (ft): 1796869.66	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 11:46	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 12:58	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 1.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.0		1.5		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, contains plant roots [Alluvium]	10	10	60	20	
						2			Total Depth = 2.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:58 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0681**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269330.88	Easting (ft): 1796811.33	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-01-2010	Start Time: 10:23	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-01-2010	Finish Time: 10:41	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		3		SM	Silty Sand, brownish yellow (10YR 6/6), loose, dry, micaceous, contains plant roots [Alluvium]			10	70	20
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:41 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0682**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269326.30	Easting (ft): 1796841.10	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 09:48	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 10:06	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		2		SM	Silty Sand, brown (10YR 4/3), loose, dry, micaceous, contains plant roots [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:06 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0683**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269316.78	Easting (ft): 1796852.47	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 13:15	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 13:36	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 1.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.0		1.5		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, contains plant roots [Alluvium]	tr	10	70	20	
						2			Total Depth = 2.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:36 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0684**

Borehole Diam. (in.): 2	Total Depth (ft): 1.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269301.10	Easting (ft): 1796857.22	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 13:00	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 13:12	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.0		0.5		SM	Silty Sand, yellowish brown (10YR 5/6), loose, dry, micaceous, contains plant roots [Alluvium]		tr	10	70	20
						1			Total Depth = 1.0 ft. Collected soil sample S001 at 13:12 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						2								
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009 - ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0685**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269303.01	Easting (ft): 1796868.51	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 14:12	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 14:19	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		3		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, contains plant roots [Alluvium]	10	10	60	20	
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and split S001SP at 14:19 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0686**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269316.29	Easting (ft): 1796885.28	Job Number: 1008208	Site: B1-2
Drill Start Date: 11-18-2010	Start Time: 14:20	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 11-18-2010	Finish Time: 14:27	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium excavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.0		3		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, contains plant roots [Alluvium]	tr	10	70	20	
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:27 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0687**

Borehole Diam. (in.): 2	Total Depth (ft): 2.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269267.94	Easting (ft): 1796944.07	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-01-2010	Start Time: 14:09	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-01-2010	Finish Time: 14:25	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.0		1.5		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	10	70	20
						2			Total Depth = 2.0 ft. Collected soil sample S001 at 14:25 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0688**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269181.59	Easting (ft): 1796931.52	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 12:34	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 12:51	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		5		SC	Clayey Sand, dark brown (10YR 3/3), moist, trace silt, micaceous [Alluvium]		10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:51 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0689**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269197.83	Easting (ft): 1796934.41	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 12:06	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 12:25	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.3		2		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose, dry, trace clay, micaceous [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft. Collected soil sample S001 at 12:25 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0690**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269199.84	Easting (ft): 1796909.65	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 14:30	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 14:40	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				8.7		5		SM	Silty Sand, greenish black (GLEY 1 10Y 2.5/1), loose, moist, trace clay, micaceous, staining, odor	tr	10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:40 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0691**

Borehole Diam. (in.): 2	Total Depth (ft): 4.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269124.05	Easting (ft): 1796815.48	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 13:58	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 14:09	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 4 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.2		4		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose, moist, trace clay, micaceous [Alluvium]			10	70	20
						5			Total Depth = 4.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:09 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0692**

Borehole Diam. (in.): 2	Total Depth (ft): 4.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269129.83	Easting (ft): 1796799.80	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 14:40	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 14:48	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 4 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		4		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous [Alluvium]				80	20
						5			Total Depth = 4.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:48 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009 - ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0693**

Borehole Diam. (in.): 2	Total Depth (ft): 4.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269150.82	Easting (ft): 1796812.55	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: NR	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 14:56	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 4 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		4		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous [Alluvium]				80	20
						5			Total Depth = 4.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:56 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0694**

Borehole Diam. (in.): 2	Total Depth (ft): 6.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269213.16	Easting (ft): 1796803.79	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 13:45	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 13:56	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 6 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		6		SC	Clayey Sand, dark yellowish brown (10YR 3/4), moist, trace silt, micaceous [Alluvium]			10	70	20
						7			Total Depth = 6.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:56 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ BOEING.GDT 3/30/11



Boring ID: **B1ET0695**

Borehole Diam. (in.): 2	Total Depth (ft): 5.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269234.64	Easting (ft): 1796809.57	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 13:21	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 13:42	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		5		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose, moist, trace clay, micaceous [Alluvium]		10	70	20	
						6			Total Depth = 5.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:42 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0696**

Borehole Diam. (in.): 2	Total Depth (ft): 1.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269308.33	Easting (ft): 1796794.66	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-06-2010	Start Time: 14:12	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-06-2010	Finish Time: 14:27	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: D. Velasquez	

Comments: Sidewall of excavation	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
	s			0.1		1		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose, moist, micaceous, contains plant roots [Alluvium]			10	70	20
						2			Total Depth = 1.5 ft. Collected soil sample S001 at 14:27 from excavation sidewall. Excavation backfilled 01-12-2011 - 01-31-2011.					
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0697**

Borehole Diam. (in.): 2	Total Depth (ft): 5.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269199.84	Easting (ft): 1796909.65	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-16-2010	Start Time: 08:00	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-16-2010	Finish Time: 11:45	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Fink	

Comments: Surface soil and alluvium excavated to approx. 4.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
				0.1		4.5		SM	Silty Sand with Gravel, very dark grayish brown (10YR 3/2), medium dense, moist, subangular gravel to 3 inches, few cobbles, wood and root debris, no odor or staining [Fill]	15	5	30	25	25
						5			Total Depth = 5.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:45 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **B1ET0698**

Borehole Diam. (in.): 2	Total Depth (ft): 5.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269253.91	Easting (ft): 1796816.91	Job Number: 1008208	Site: B1-2
Drill Start Date: 12-16-2010	Start Time: 12:30	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 12-16-2010	Finish Time: 13:30	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Fink	

Comments: Soil excavated to approx. 4.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-B1-2 for lithology]					
						5		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, moist, subangular gravel to 2-1/2 inches, no odor or staining [Fill]	10	5	30	25	30
						5			Total Depth = 5.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **ILET0001**

Borehole Diam. (in.): 2	Total Depth (ft): 1.0	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 268310.29	Easting (ft): 1795947.35	Job Number: 1008208	Site: IEL-1 Area
Drill Start Date: 08-26-2010	Start Time: 11:56	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-26-2010	Finish Time: 12:06	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium overexcavated to approx. 0.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-IEL-1 for lithology]					
	s			0.1		0.5		SM	Silty Sand, light yellowish brown (10YR 6/4), loose, dry, micaceous, trace fine sandstone gravel [Alluvium]	tr	10	10	60	20
						1			Total Depth = 1.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:06 from excavation floor. Excavation backfilled 11-01-2010.					
						2								
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **ILET0002**

Borehole Diam. (in.): 2	Total Depth (ft): 1.0	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 268323.29	Easting (ft): 1795951.99	Job Number: 1008208	Site: IEL-1 Area
Drill Start Date: 09-01-2010	Start Time: 11:06	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-01-2010	Finish Time: 11:20	Drilling Contractor: MP Environmental Svcs.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: A. Vann	

Comments: Surface soil and alluvium overexcavated to approx. 0.5 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
				0.2		0			[See Trench Log ISRA-IEL-1 for lithology]					
	s					0.5		SM	Silty Sand, light yellowish brown (10YR 6/4), loose, dry, micaceous, trace fine sandstone gravel [Alluvium]	tr	10	10	60	20
						1			Total Depth = 1.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:20 from excavation floor. Excavation backfilled 11-01-2010.					
						2								
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0100**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267875.83	Easting (ft): 1794284.94	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-09-2010	Start Time: 12:26	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-09-2010	Finish Time: 12:30	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.0		3		SM	Silty Sand with Gravel, light yellowish brown (10YR 6/4), loose, dry, fine shale gravel, micaceous [Alluvium]	20		50	30	
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:30 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0101**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267899.43	Easting (ft): 1794283.31	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-09-2010	Start Time: 12:40	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-09-2010	Finish Time: 12:46	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
				0.1		2		GP-GM	Poorly Graded Gravel with Silt and Sand, light yellowish brown (10YR 6/4), loose, dry, coarse angular shale gravel, micaceous [Alluvium]	60			30	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:46 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0102**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267833.36	Easting (ft): 1794295.18	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 08:34	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 08:40	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.4		3		SM	Silty Sand with Gravel, yellowish brown (10YR 5/4), loose, dry, fine shale gravel, micaceous [Alluvium]	20			50	30
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:40 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0103**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267834.22	Easting (ft): 1794266.66	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 08:46	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 08:58	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
				0.7		2		SM	Silty Sand with Gravel, yellowish brown (10YR 5/4), loose, dry, fine shale gravel, micaceous [Alluvium]	20			50	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:58 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0104**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267834.71	Easting (ft): 1794251.99	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 09:10	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 09:17	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.8		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr	10	50	40	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and duplicate D001 at 09:17 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0105**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267832.51	Easting (ft): 1794233.47	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 09:41	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 09:51	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.4		3		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, trace fine gravel [Alluvium]	tr			60	40
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:51 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0106**

Borehole Diam. (in.): 2	Total Depth (ft): 0.5	Project: Outfall 009 Boeig Area 2010 ISRA Implementation	
Northing (ft): 267830.10	Easting (ft): 1794227.61	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 09:56	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 10:03	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
0 - 0.5	s			0.4		0		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr			60	40
						1			Total Depth = 0.5 ft. Collected soil sample S001 at 10:03 from excavation sidewall. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						2								
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0107**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267847.10	Easting (ft): 1794290.30	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 10:00	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 10:15	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.1		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr	10	50	40	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:15 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0108**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267855.02	Easting (ft): 1794263.86	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 10:26	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 10:30	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.7		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr			60	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:30 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0109**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267850.22	Easting (ft): 1794243.30	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 10:38	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 10:42	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
				0.6		3		GP-GM	Poorly Graded Gravel with Silt and Sand, light yellowish brown (10YR 6/4), loose, dry, fine and coarse angular shale gravel, micaceous [Alluvium]	60		30	10	
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:42 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0110**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267867.29	Easting (ft): 1794318.75	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 10:54	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 11:03	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.4		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr			60	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:03 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0111**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267856.71	Easting (ft): 1794306.90	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 11:10	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 11:16	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
				0.1		2		GP-GM	Poorly Graded Gravel with Silt and Sand, light yellowish brown (10YR 6/4), loose, dry, fine shale gravel, micaceous [Alluvium]	60		30	10	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:16 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0112**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267863.16	Easting (ft): 1794297.59	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 11:23	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 11:30	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.3		2		SM	Silty Sand, light yellowish brown (10YR 6/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr	10	50	40	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:30 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0113**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267887.00	Easting (ft): 1794298.75	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 11:38	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 11:46	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.3		2		GP-GM	Poorly Graded Gravel with Silt and Sand, light yellowish brown (10YR 6/4), loose, dry, fine shale gravel, micaceous [Alluvium]	60			30	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:46 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								



LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0114**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267873.96	Easting (ft): 1794273.93	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 11:48	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 11:59	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.1		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr			60	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:59 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0115**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267913.90	Easting (ft): 1794337.89	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 12:08	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 12:10	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.3		3		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous [Alluvium]				60	40
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:10 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0116**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267894.95	Easting (ft): 1794319.46	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 12:17	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 12:24	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.3		3		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, trace fine shale gravel [Alluvium]	tr			60	40
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:24 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0117**

Borehole Diam. (in.): 2	Total Depth (ft): 3.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267911.34	Easting (ft): 1794294.61	Job Number: 1008208	Site: CTLI-1A Area
Drill Start Date: 08-10-2010	Start Time: 12:36	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 12:45	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 3 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
	s			0.2		3		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, moist, micaceous, trace fine shale gravel [Alluvium]	tr			60	40
						4			Total Depth = 3.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:45 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0118**

Borehole Diam. (in.): 2	Total Depth (ft): 3.0	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267906.61	Easting (ft): 1794281.15	Job Number: 1008208	Site: CTLI-1A
Drill Start Date: 09-23-2010	Start Time: 11:25	Logged By: S. Valenzuela	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-23-2010	Finish Time: 11:30	Drilling Contractor: MWH	Field Instrumentation: N/A
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Valenzuela	

Comments: Sidewall sample on north face of additional excavation area	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Sample retained in 6-inch stainless steel sleeve / Encores	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1A for lithology]					
						2.8		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, trace fine gravel [Alluvium]	tr		60	40	
						3.0			Total Depth = 3.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:30 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/30/11



Boring ID: **LFET0200**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267993.39	Easting (ft): 1794253.65	Job Number: 1008208	Site: CTLI-1B Area
Drill Start Date: 08-09-2010	Start Time: 12:57	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-09-2010	Finish Time: 13:03	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	
Comments: Surface soil and alluvium overexcavated to approx. 2 ft		Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve		Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1B for lithology]					
	s			0.0		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, trace fine gravel [Alluvium]	tr			60	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:03 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0201**

Borehole Diam. (in.): 2	Total Depth (ft): 0.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 268051.20	Easting (ft): 1794249.95	Job Number: 1008208	Site: CTLI-1B Area
Drill Start Date: 08-09-2010	Start Time: 13:10	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-09-2010	Finish Time: 13:16	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Topsoil and weeds	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
0 - 0.5	s			0.0		0		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, trace fine gravel [Alluvium]	tr			60	40
<p>Total Depth = 0.5 ft.</p> <p>Collected soil sample S001 at 13:16 from excavation sidewall; removed overturned grass and weeds prior to sampling.</p> <p>Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.</p>														
						1								
						2								
						3								
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0202**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267970.62	Easting (ft): 1794261.54	Job Number: 1008208	Site: CTLI-1B Area
Drill Start Date: 08-10-2010	Start Time: 13:38	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 13:43	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1B for lithology]					
	s			0.1		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, trace fine gravel [Alluvium]	tr			60	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and S001SP at 13:43 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11



Boring ID: **LFET0203**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: Outfall 009 Boeing Area 2010 ISRA Implementation	
Northing (ft): 267946.91	Easting (ft): 1794269.96	Job Number: 1008208	Site: CTLI-1B Area
Drill Start Date: 08-10-2010	Start Time: 13:48	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 08-10-2010	Finish Time: 13:57	Drilling Contractor: Jacob & Hefner Assoc.	Field Instrumentation: PID
Depth 1st H ₂ O (ft): N/A	Date / Time: N/A	Drill Rig Type/Method: Grab (hand sampling)	
Depth H ₂ O After Drilling (ft): N/A	Date / Time: N/A	Driller's Name: S. Aichner	

Comments: Surface soil and alluvium overexcavated to approx. 2 ft	Well Comp. Date: N/A	Completion Time: N/A
Samplers: Grab sample retained in 6-inch stainless steel sleeve	Soil Backfill Date: N/A	Backfill Time: N/A

Sample Interval Retained	Sample Type	Recovery (%)	Blow Count/6"	PID (ppm)	Water Level	Depth (feet)	Graphic Log	USCS Soil Classification	Description	Est. % of Soil				
										Gravel	Coarse Sand	Med. Sand	Fine Sand	Silt/Clay
						0			[See Trench Log ISRA-CTLI-1B for lithology]					
	s			0.1		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, micaceous, trace fine gravel [Alluvium]	tr			60	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:57 from excavation floor. Excavation recontoured 10-27-2010 and 10-28-2010 without backfill.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 2/21/11