





Boring ID: **B1ET0508**

Borehole Diam. (in.): 2	Total Depth (ft): 1.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269339.52	Easting (ft): 1796813.49	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-23-2010	Start Time: 13:37	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-23-2010	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: 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 yellowish brown (10YR 4/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	20	60	20
						2			Total Depth = 1.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:55 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 3/25/11



Boring ID: **B1ET0509**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269284.13	Easting (ft): 1796769.93	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-23-2010	Start Time: 14:00	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-23-2010	Finish Time: 14:14	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]					
				0.1		2		SM	Silty Sand, brown (10YR 5/3), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	20	60	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:14 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 3/25/11



Boring ID: **B1ET0510**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-24-2010	Start Time: 08:30	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 08:55	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: R. Vasquez	

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]					
						2		SM	Silty Sand, dark yellowish brown (10YR 4/4), dry [Alluvium]			10	70	20
				0.2		3			Sandstone, yellowish brown (10YR 5/6), highly weathered, moderately cemented, massive [Chatsworth Formation] Total Depth = 2.5 ft; refusal on bedrock. Collected soil sample S001 at 08:40 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 3/25/11



Boring ID: **B1ET0511**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269164.43	Easting (ft): 1796922.36	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 08:50	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:00	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. 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]					
				0.2		2		SM	Silty Sand, brownish yellow (10YR 6/6), loose, dry [Alluvium]			20	60	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:00 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 3/25/11



Boring ID: **B1ET0512**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-24-2010	Start Time: 08:53	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:05	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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	10	60	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:05 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 3/25/11



Boring ID: **B1ET0513**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269198.22	Easting (ft): 1796942.03	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 09:00	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:30	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: R. Velasquez	

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]					
				0.2		2		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/6), dry [Alluvium]			20	70	10
						3			Sandstone, yellowish brown (10YR 5/6), dry, highly to moderately weathered, massive [Chatsworth Formation] Total Depth = 2.5 ft; refusal on bedrock. Collected soil sample S001 at 09:10 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 3/25/11



Boring ID: **B1ET0514**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269209.39	Easting (ft): 1796951.66	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 09:15	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:30	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: D. Velasquez	

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		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/6), loose, dry [Alluvium]			30	60	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:30 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 3/25/11



Boring ID: **B1ET0515**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269223.19	Easting (ft): 1796961.51	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 09:30	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:50	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: R. Velasquez	

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]					
				0.3		2		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/6), dry [Alluvium]			20	70	10
						3			Sandstone, yellowish brown (10YR 5/6), dry, moderately weathered, moderately cemented, massive [Chatsworth Formation] Total Depth = 2.5 ft; refusal on bedrock. Collected soil sample S001 at 09:40 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 3/25/11



Boring ID: **B1ET0516**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269240.00	Easting (ft): 1796974.69	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 09:21	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:36	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. 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]					
				0.2		2		SM	Silty Sand, brownish yellow (10YR 6/6), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	10	60	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:36 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 3/25/11



Boring ID: **B1ET0517**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269255.96	Easting (ft): 1796982.45	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 09:41	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 09:54	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]					
				0.2		2		SM	Silty Sand, very pale brown (10YR 7/3), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:54 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 3/25/11



Boring ID: **B1ET0518**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269271.70	Easting (ft): 1796991.03	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:05	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 10:15	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. 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]					
				0.4		2		SM	Silty Sand, light yellowish brown (10YR 6/4), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:15 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 3/25/11



Boring ID: **B1ET0519**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269288.36	Easting (ft): 1796972.22	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:25	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 10:45	Drilling Contractor: B.L. Hall	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: R. Cano	

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]					
	s			0.1		2		SM	Silty Sand, yellowish brown (10YR 5/4), dry, moderately indurated [Alluvium]			10	60	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:30 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 3/25/11



Boring ID: **B1ET0520**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269275.08	Easting (ft): 1796960.17	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:16	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 10:29	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]					
				0.1		2		SM	Silty Sand, brownish yellow (10YR 6/6), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:29 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 3/25/11



Boring ID: **B1ET0521**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269247.90	Easting (ft): 1796945.10	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:25	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 10:45	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: D. Velasquez	

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		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/8), loose, dry [Alluvium]			30	60	10
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/25/11



Boring ID: **B1ET0522**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269237.94	Easting (ft): 1796938.58	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:50	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:10	Drilling Contractor: B.L. Hall	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: R. Cano	

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		SP	Poorly Graded Sand, yellowish brown (10YR 5/4), dry, some iron oxide staining [Alluvium]			25	70	5
						3			Sandstone, yellowish brown (10YR 5/4), dry, moderately weathered, moderately cemented, massive [Chatsworth Formation] Total Depth = 2.5 ft; refusal on bedrock. Collected soil sample S001 at 10:50 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 3/25/11



Boring ID: **B1ET0523**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269226.93	Easting (ft): 1796930.16	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:58	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:16	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]					
				0.2		2		SM	Silty Sand, very pale brown (10YR 7/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	10	60	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:16 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 3/25/11



Boring ID: **B1ET0524**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269212.67	Easting (ft): 1796917.27	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 11:00	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:25	Drilling Contractor: B.L. Hall	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: R. Cano	

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]					
				0.2		2		SM	Silty Sand, brown (10YR 5/3), dry, angular grains, moderately indurated [Alluvium]	5	20	55	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:15 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 3/25/11



Boring ID: **B1ET0525**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-24-2010	Start Time: 11:00	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	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. 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]					
				0.2		2		SM	Silty Sand, brown (10YR 5/3), loose, dry [Alluvium]			20	60	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:15 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 3/25/11



Boring ID: **B1ET0526**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269180.13	Easting (ft): 1796897.90	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 11:30	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:50	Drilling Contractor: B.L. Hall	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: R. Cano	

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, brown (10YR 5/3), dry, contains mica [Alluvium]			10	60	30
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/25/11



Boring ID: **B1ET0527**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269160.49	Easting (ft): 1796886.52	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 11:35	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:50	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: D. Velasquez	

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]					
				0.2		2		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/4), loose, dry [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:40 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 3/25/11



Boring ID: **B1ET0528**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269145.63	Easting (ft): 1796848.93	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 11:55	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 12:10	Drilling Contractor: B.L. Hall	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: R. Cano	

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]					
	s			0.2		2		SM	Silty Sand, brown (10YR 5/3), dry, contains mica [Alluvium]			10	60	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:00 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 3/25/11



Boring ID: **B1ET0529**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269160.94	Easting (ft): 1796858.57	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 12:00	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 12:15	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. 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, dark yellowish brown (10YR 4/4), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:10 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 3/25/11



Boring ID: **B1ET0530**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269175.08	Easting (ft): 1796867.52	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 11:19	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:29	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]					
				0.2		2		SM	Silty Sand, brown (10YR 5/3), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:29 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 3/25/11



Boring ID: **B1ET0531**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269192.90	Easting (ft): 1796877.78	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 12:20	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 12:30	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: D. Velasquez	

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, dark yellowish brown (10YR 4/4), loose, dry [Alluvium]			20	50	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:25 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 3/25/11



Boring ID: **B1ET0532**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269216.57	Easting (ft): 1796899.17	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 12:20	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 12:30	Drilling Contractor: B.L. Hall	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: R. Cano	

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]					
	s			0.2		2		SM	Silty Sand, brown (10YR 5/3), dry, contains mica [Alluvium]			10	60	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011. Collocated with ENBS0046.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/26/11



Boring ID: **B1ET0533**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269226.81	Easting (ft): 1796899.52	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 11:31	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 11:46	Drilling Contractor: MP Environmental Svcs.	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: 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]					
						2		SM	Silty Sand, very pale brown (10YR 7/3), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:46 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 3/25/11



Boring ID: **B1ET0534**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269242.20	Easting (ft): 1796911.44	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 12:55	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 13:20	Drilling Contractor: B.L. Hall	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: R. Cano	

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		SP-SM	Poorly Graded Sand with Silt, brown (10YR 5/3), dry, contains mica, moderately indurated [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:00 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 3/25/11



Boring ID: **B1ET0535**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269255.99	Easting (ft): 1796920.53	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:00	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 13:20	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. 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), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:15 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 3/25/11



Boring ID: **B1ET0536**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269271.44	Easting (ft): 1796927.22	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: NR	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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), medium dense, dry, subangular gravel [Alluvium]	10	10	15	40	25
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:15 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 3/25/11



Boring ID: **B1ET0537**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269312.05	Easting (ft): 1796960.02	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:08	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	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: 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]					
				0.2		2		SM	Silty Sand, brown (10YR 5/3), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	70	20	
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/25/11



Boring ID: **B1ET0538**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269313.11	Easting (ft): 1796940.98	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:20	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	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: D. Velasquez	

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, brownish yellow (10YR 6/6), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:25 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 3/25/11



Boring ID: **B1ET0539**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269282.75	Easting (ft): 1796915.08	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:45	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 14:00	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. 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		SP-SM	Poorly Graded Sand with Silt, brown (10YR 5/3), loose, dry [Alluvium]			20	70	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:00 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 3/25/11



Boring ID: **B1ET0540**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269252.52	Easting (ft): 1796893.03	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: NR	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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), medium dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:30 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 - 3/25/11



Boring ID: **B1ET0541**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269238.85	Easting (ft): 1796882.09	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:20	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 13:40	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. 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), dry, moderately indurated [Alluvium]			10	70	20
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING - OUTFALL009_ISRA-2010.GPJ BOEING.GDT 3/25/11



Boring ID: **B1ET0542**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269213.59	Easting (ft): 1796873.26	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:40	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 13:55	Drilling Contractor: B.L. Hall	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: R. Cano	

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), dry, contains mica, moderately indurated [Alluvium]			15	70	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:45 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 3/25/11



Boring ID: **B1ET0543**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269204.21	Easting (ft): 1796861.55	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: NR	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]					
				0.1		2		SM	Silty Sand, yellowish brown (10YR 5/4), dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:45 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 3/25/11



Boring ID: **B1ET0544**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269187.38	Easting (ft): 1796851.76	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: NR	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]					
				0.1		2		SM	Silty Sand, yellowish brown (10YR 5/4), medium dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:00 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 3/25/11



Boring ID: **B1ET0545**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269173.26	Easting (ft): 1796842.94	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:29	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	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. 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), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	10	60	20
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/25/11



Boring ID: **B1ET0546**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269158.47	Easting (ft): 1796834.42	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 13:45	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 14:05	Drilling Contractor: B.L. Hall	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: R. Cano	

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, dark yellowish brown (10YR 4/4), dry, contains mica, well-indurated [Alluvium]			15	50	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:00 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 3/25/11



Boring ID: **B1ET0547**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269147.97	Easting (ft): 1796828.59	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 14:10	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 14:20	Drilling Contractor: B.L. Hall	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: R. Cano	

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]					
				0.2		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), dry, contains mica, well-indurated [Alluvium]			15	50	35
						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 3/25/11



Boring ID: **B1ET0548**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269212.71	Easting (ft): 1796849.53	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: NR	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; at pipe #6	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]					
				0.4		2		SM	Silty Sand, yellowish brown (10YR 5/4), medium dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:15 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 3/25/11



Boring ID: **B1ET0549**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269227.14	Easting (ft): 1796859.46	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 14:05	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 14:20	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. 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		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/4), loose, dry [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:10 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 3/25/11



Boring ID: **B1ET0550**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269318.73	Easting (ft): 1796903.90	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: NR	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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:25 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0551**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269269.89	Easting (ft): 1797007.28	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 10:00	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 10:20	Drilling Contractor: B.L. Hall	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: R. Cano	

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		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/6), dry [Alluvium]			30	60	10
						3			Sandstone, yellowish brown (10YR 5/6), dry, moderately weathered, moderately cemented, massive [Chatsworth Formation] Total Depth = 2.5 ft; refusal on bedrock. Collected soil sample S001 at 10:00 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011. Collocated with B1BS0199.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

LOG OF BORING: OUTFALL009_ISRA-2010.GPJ_BOEING.GDT 3/26/11



Boring ID: **B1ET0552**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269303.82	Easting (ft): 1796888.17	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 14:20	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 14:35	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. 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, brown (10YR 5/3), loose, dry [Alluvium]			30	50	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 14:35 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 3/25/11



Boring ID: **B1ET0553**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269284.82	Easting (ft): 1796873.60	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-24-2010	Start Time: 14:20	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-24-2010	Finish Time: 14:30	Drilling Contractor: B.L. Hall	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: R. Cano	

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		SP-SM	Poorly Graded Sand with Silt, yellowish brown (10YR 5/6), dry, contains mica [Alluvium]			10	80	10
						3			Sandstone, yellowish brown (10YR 5/6), moderately weathered, moderately cemented, massive [Chatsworth Formation] Total Depth = 2.5 ft; refusal on bedrock. Collected soil sample S001 at 14:15 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 3/25/11



Boring ID: **B1ET0554**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269265.66	Easting (ft): 1796864.60	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 08:00	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 08:25	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: 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]					
				0.3		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:10 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0555**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269253.74	Easting (ft): 1796853.06	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 08:05	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 08:25	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: 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]					
				0.4		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:10 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 3/25/11



Boring ID: **B1ET0556**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269237.16	Easting (ft): 1796846.41	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 08:25	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 08:45	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: D. Velasquez	

Comments: Surface soil and alluvium excavated to approx. 2 ft; at pipe #5/12	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		2		SM	Silty Sand, brown (10YR 5/3), dry, moderate cementation [Alluvium]	10	10	60	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and duplicate D001 at 08:30 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 3/25/11



Boring ID: **B1ET0557**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269219.75	Easting (ft): 1796836.18	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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; at pipe #5/12	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]					
				0.4		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, subangular gravel, moderate cementation [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0558**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269201.65	Easting (ft): 1796827.94	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 08:29	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 08:38	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, yellowish brown (10YR 5/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	20	50	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:38 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 3/25/11



Boring ID: **B1ET0559**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269187.04	Easting (ft): 1796815.47	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 08:30	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 08:45	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: D. Velasquez	

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]					
				0.3		2		SP-SM	Poorly Graded Sand with Silt, light yellowish brown (10YR 6/4), loose, dry [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:35 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 3/25/11



Boring ID: **B1ET0560**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269165.09	Easting (ft): 1796806.49	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
				0.2		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense to dense, dry, subangular gravel, moderate cementation [Alluvium]	10	5	25	30	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:00 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0561**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269203.32	Easting (ft): 1796798.75	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 09:00	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:15	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: R. Velasquez	

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]					
				0.3		2		SM	Silty Sand, yellowish brown (10YR 5/6), dry [Alluvium]			15	70	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:05 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 3/25/11



Boring ID: **B1ET0562**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-27-2010	Start Time: 08:50	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:05	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. 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]					
				0.3		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 08:55 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 3/25/11



Boring ID: **B1ET0563**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269223.10	Easting (ft): 1796816.92	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
	s			0.2		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense to dense, dry, subangular gravel, moderate cementation [Alluvium]	10	5	25	30	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:15 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 3/25/11



Boring ID: **B1ET0564**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269242.80	Easting (ft): 1796827.71	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 09:00	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:25	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: 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]					
				0.2		2		SP-SM	Poorly Graded Sand with Silt, brownish yellow (10YR 6/6), loose, dry [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:10 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 3/25/11



Boring ID: **B1ET0565**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269257.53	Easting (ft): 1796843.96	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 08:54	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:04	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. 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, brown (10YR 4/3), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	20	60	20	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:04 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 3/25/11



Boring ID: **B1ET0566**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269271.12	Easting (ft): 1796853.18	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 09:10	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:20	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. 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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), dry, contains mica, moderate cementation [Alluvium]			15	70	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:10 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 3/25/11



Boring ID: **B1ET0567**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
				0.5		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, subangular gravel, moderate cementation [Alluvium]	10	20	30	40	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:30 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 - 3/25/11



Boring ID: **B1ET0568**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-27-2010	Start Time: 09:25	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:45	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: D. Velasquez	

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]					
	S S			0.2		2		SP-SM	Poorly Graded Sand with Silt, light yellowish brown (10YR 6/4), loose, dry [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and split S001SP at 09:30 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 3/25/11



Boring ID: **B1ET0569**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269222.15	Easting (ft): 1796792.97	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 09:25	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:40	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: R. Velasquez	

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), dry, contains mica, moderate cementation [Alluvium]			15	70	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:30 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 3/25/11



Boring ID: **B1ET0570**

Borehole Diam. (in.): 2	Total Depth (ft): 1.0	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: 09-27-2010	Start Time: 09:23	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 09:30	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: A. Vann	

Comments: Surface soil and alluvium; sidewall sample	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, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	20	60	20
						1			Total Depth = 1.0 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 09:30 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 3/25/11



Boring ID: **B1ET0571**

Borehole Diam. (in.): 2	Total Depth (ft): 1.0	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269260.89	Easting (ft): 1797011.05	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-29-2010	Start Time: 13:38	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-29-2010	Finish Time: 13:56	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: N. Beaty	

Comments: Surface soil and alluvium; sidewall sample	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, light yellowish brown (10YR 6/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	20	60	20
						1			Total Depth = 1.0 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and split S001SP at 13:56 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 3/25/11



Boring ID: **B1ET0572**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269266.46	Easting (ft): 1796824.61	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
	s			0.3		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:00 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 3/25/11



Boring ID: **B1ET0573**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269387.10	Easting (ft): 1796841.87	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 11:10	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 11:15	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: R. Velasquez	

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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), dry, moderate cementation [Alluvium]			5	70	25
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:15 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 3/25/11



Boring ID: **B1ET0574**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269368.98	Easting (ft): 1796830.04	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 11:10	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	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. 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		SP-SM	Poorly Graded Sand with Silt, brown (10YR 5/3), loose, dry [Alluvium]			10	80	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:15 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 3/25/11



Boring ID: **B1ET0575**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269358.36	Easting (ft): 1796824.20	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
	s			0.3		2		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose to medium dense, dry, moderate cementation [Alluvium]	5	25	35	35	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:00 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 - 3/25/11



Boring ID: **B1ET0576**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269330.00	Easting (ft): 1796808.67	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 11:25	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 11:30	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: D. Velasquez	

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]					
				0.4		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry [Alluvium]			10	60	30
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:30 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 3/25/11



Boring ID: **B1ET0577**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269349.62	Easting (ft): 1796834.41	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
				0.2		2		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose to medium dense, dry [Alluvium]			25	35	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:45 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 - 3/25/11



Boring ID: **B1ET0578**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
	s			0.2		2		SM	Silty Sand, dark yellowish brown (10YR 3/4), loose to medium dense, dry, contains rootlets [Alluvium]			25	35	40
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:30 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 3/25/11



Boring ID: **B1ET0579**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269372.04	Easting (ft): 1796861.18	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 10:20	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 10:35	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. 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]					
				0.2		2		SM	Silty Sand, brown (10YR 4/3), dry [Alluvium]			15	70	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:35 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 3/25/11



Boring ID: **B1ET0580**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269382.16	Easting (ft): 1796865.64	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 10:20	Logged By: J. Parkes	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	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: D. Velasquez	

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, dark yellowish brown (10YR 4/4), loose, dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 10:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0581**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269398.51	Easting (ft): 1796876.04	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 10:50	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 11:05	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: R. Velasquez	

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]					
				0.3		2		SM	Silty Sand, yellowish brown (10YR 5/4), dry [Alluvium]			10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:00 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 3/25/11



Boring ID: **B1ET0582**

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: 09-27-2010	Start Time: 11:30	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 11:40	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: R. Velasquez	

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, brown (10YR 5/3), dry [Alluvium]			20	65	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:30 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 3/25/11



Boring ID: **B1ET0583**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269308.10	Easting (ft): 1796853.91	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
	s			0.2		2		SM	Silty Sand, dark yellowish brown (10YR 3/4), medium dense, dry [Alluvium]	5	25	35	35	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:15 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0584**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-27-2010	Start Time: 11:20	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 11:25	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: R. Velasquez	

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]					
				0.2		2		SM	Silty Sand, brown (10YR 5/3), dry [Alluvium]			20	65	15
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0585**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269333.09	Easting (ft): 1796879.17	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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: R. Velasquez	

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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), dry [Alluvium]			10	75	15
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:00 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0586**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269308.04	Easting (ft): 1796860.16	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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: A. Goldenberg	

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]					
				0.2		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, moderate cementation [Alluvium]	5	25	35	35	
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0587**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	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: 09-27-2010	Start Time: 11:43	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 11:55	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: S. Fink	

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]					
				0.2		2		SM	Silty Sand, yellowish brown (10YR 5/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	10	70	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 11:55 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0588**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269314.80	Easting (ft): 1796798.28	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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]					
	s			0.2		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), medium dense, dry, subangular gravel [Alluvium]	10	5	20	30	35
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 12:30 from excavation floor. Excavation backfilled 01-12-2011 - 01-31-2011.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								

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Boring ID: **B1ET0589**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269330.26	Easting (ft): 1796828.87	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 13:20	Logged By: N. Beaty	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 13:40	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: N. Beaty	

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), dry, moderate cementation [Alluvium]			10	75	15
						3			Total Depth = 2.5 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.					
						4								
						5								
						6								
						7								
						8								
						9								
						10								



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Boring ID: **B1ET0590**

Borehole Diam. (in.): 2	Total Depth (ft): 1.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269348.04	Easting (ft): 1796808.28	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: NR	Logged By: A. Goldenberg	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: NR	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: A. Goldenberg	

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		SM	Silty Sand with Gravel, dark yellowish brown (10YR 4/4), dense, dry, angular to subangular gravel and cobbles, asphalt fragments [Fill]	15	5	30	30	20
						2			Total Depth = 1.5 ft. Collected soil sample S001 at 13:30 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 3/25/11



Boring ID: **B1ET0591**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269289.94	Easting (ft): 1796780.78	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 12:54	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 13:08	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. 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]					
				0.2		2		SM	Silty Sand, dark yellowish brown (10YR 4/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	10	20	50	20
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil sample S001 at 13:08 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 3/25/11



Boring ID: **B1ET0592**

Borehole Diam. (in.): 2	Total Depth (ft): 2.5	Project: ISRA Confirmation Sampling 2010, Outfall 009, Boeing Property	
Northing (ft): 269265.78	Easting (ft): 1796766.82	Job Number: 1008208	Site: B1-2
Drill Start Date: 09-27-2010	Start Time: 13:18	Logged By: S. Aichner	Reviewed By: M. Milman-Barris, P.G.
Drill Finish Date: 09-27-2010	Finish Time: 13:34	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. 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		SP-SM	Poorly Graded Sand with Silt, dark yellowish brown (10YR 4/4), loose, dry, trace fine sandstone gravel, micaceous [Alluvium]	tr	tr	20	70	10
						3			Total Depth = 2.5 ft; terminated prior to refusal on bedrock. Collected soil samples S001 and split S001SP at 13:34 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 3/25/11