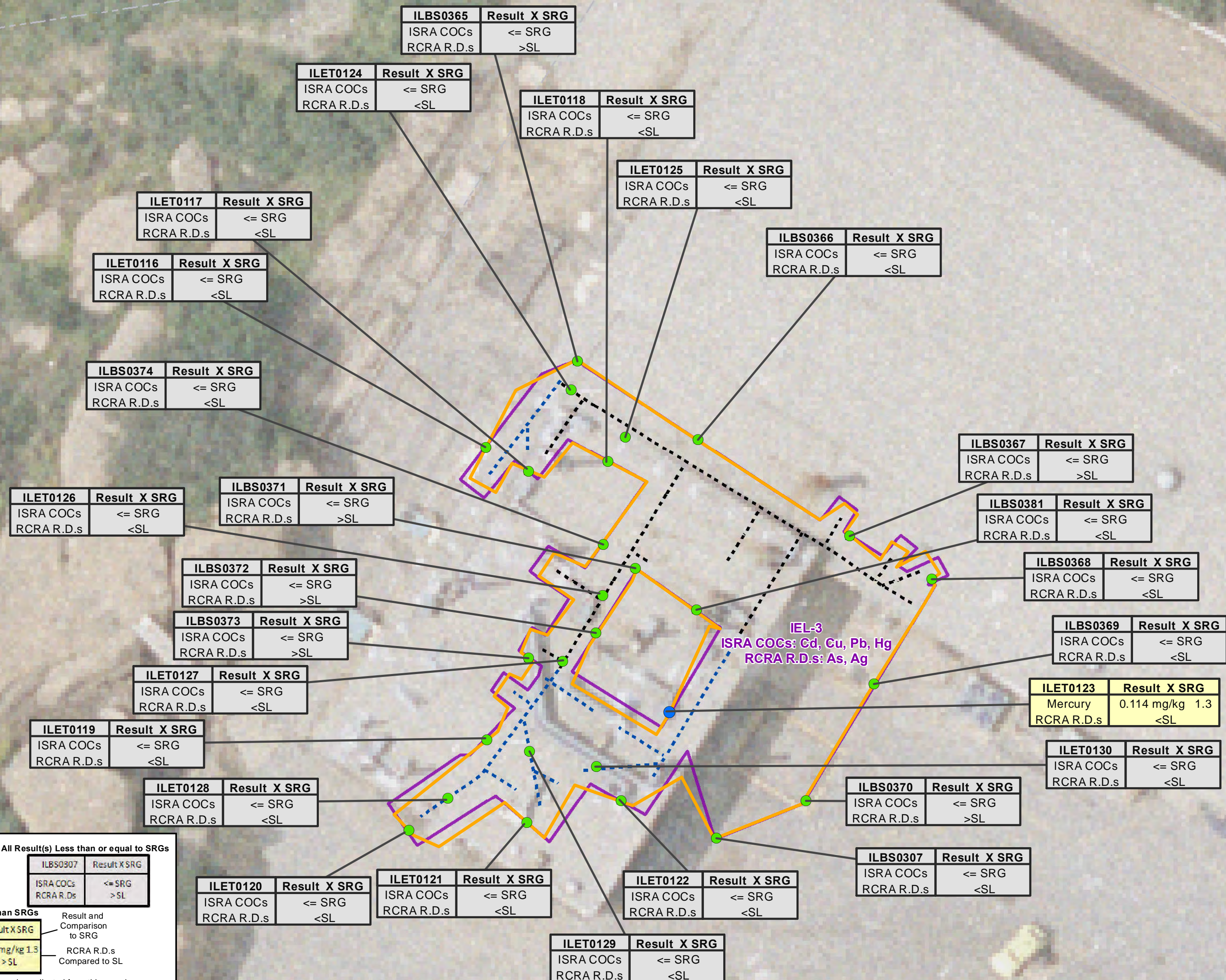


Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.



Data Box Information

All Result(s) Less than or equal to SRGs

Location ID	ISRA COCs	RCRA R.D.s	Result	SRG	SL
ILBS0307	ISRA COCs	RCRA R.D.s	<=	SRG	>SL

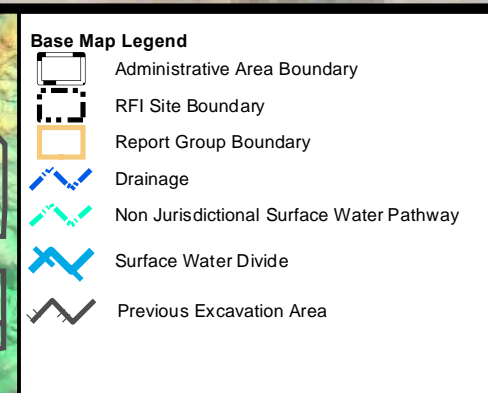
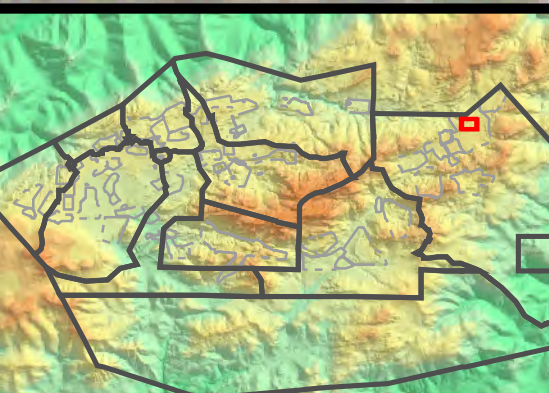
Result and Comparison to SRG

Result(s) Greater than SRGs

Sample Location ID	ISRA COC	Result	SRG	SL
ILBS0139	Mercury	0.12 mg/kg	1.3	>SL

RCRA R.D.s Compared to SL

[2] - Represents the number of samples collected from this sample location, in this case 2, within the depth range being assessed, in this case < 2 feet bgs. Only the maximum result is presented for each analyte.

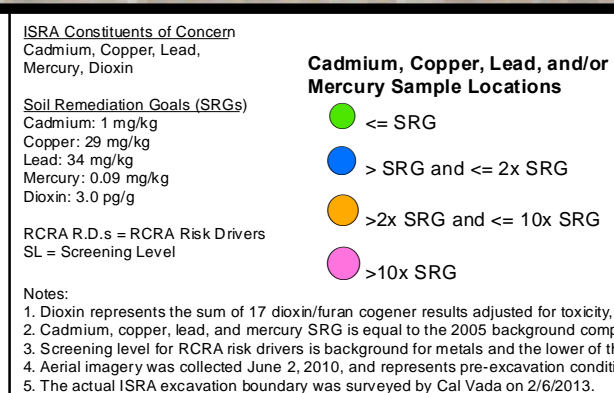


ISRA Constituents of Concern
Cadmium, Copper, Lead, Mercury, Dioxin

Soil Remediation Goals (SRGs)
Cadmium: 1 mg/kg
Copper: 29 mg/kg
Lead: 34 mg/kg
Mercury: 0.09 mg/kg
Dioxin: 3.0 pg/g

RCRA R.D.s = RCRA Risk Drivers
SL = Screening Level

Notes:
1. Dioxin represents the sum of 17 dioxin/furan congener results adjusted for toxicity, normalized to 2,3,7,8-TCDD-TEQ.
2. Cadmium, copper, lead, and mercury SRG is equal to the 2005 background comparison concentration, and SRG for dioxins is approximately 3 times the 2005 background comparison concentration.
3. Screening level for RCRA risk drivers is background for metals and the lower of the Ecological or Residential Risk-Based Screening Level for other constituents.
4. Aerial imagery was collected June 2, 2010, and represents pre-excavation conditions (Sage, 2010).
5. The actual ISRA excavation boundary was surveyed by Cal Vada on 2/6/2013.



Outfall 009 – ISRA Area IEL-3 Confirmation Sample Results

SANTA SUSANA FIELD LABORATORY

Path: T:\projects\rock3\ISRA\Figures\Boeing\IEL-3\IEL-3_Confirm.mxd Date: 12/19/2013

1 inch = 15 feet

0 15 30 Feet

MWH

Figure E-9.3

TABLE E-9.2
IEL-3 CONFIRMATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

Group						Metals	Metals	Metals	Metals	Metals	Metals
Preferred Analyte						Arsenic	Cadmium	Copper	Lead	Mercury	Silver
Result Value Units						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Background						15	1	29	34	0.09	0.79
ISRA SRG						--	1	29	34	0.09	--
CMS						--	--	8.2	--	0.88	96
Lowest Characterization RBSL						0.095	0.021	1.1	0.063	0.1	0.54
RBSL Type						RES	ECO	ECO	ECO	ECO	ECO
Object Name	Sample Name	Sample Date	Sample Depth (feet bgs)	Sample Status	Floor/Sidewall	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ILBS0307	ILBS0307S001	2/8/2010	0.4-0.9	In Place	Sidewall	4.57 J	0.324	19 J	2.78 J	0.0224 J	--
ILBS0307	ILBS0307S001SP	2/8/2010	0.4-0.9	In Place	Sidewall	3.3	0.32	27	2.8	0.023	--
ILBS0365	ILBS0365S001	8/20/2012	0.5-1.0	In Place	Sidewall	15.4 J	0.0989 J	13.1 J	5.94 J	<0.0109	0.0429 J
ILBS0365	ILBS0365S001SP	8/20/2012	0.5-1.0	In Place	Sidewall	12	0.14 J	10	4.6	0.0062 J	0.034 J
ILBS0365	ILBS0365S002	8/20/2012	4.5-5.0	In Place	Sidewall	11 J	0.0937 J	11.5 J	5.54 J	<0.011	0.0273 J
ILBS0366	ILBS0366S001	8/20/2012	0.5-1.0	In Place	Sidewall	11 J	0.109 J	11.6 J	5.44 J	<0.0108	<0.0213 J
ILBS0367	ILBS0367S001	8/20/2012	0.4-0.6	In Place	Sidewall	15.4 J	0.0839 J	12.3 J	4.71 J	<0.0107	<0.0203 J
ILBS0367	ILBS0367D001	8/20/2012	0.4-0.6	In Place	Sidewall	15.5 J	0.0854 J	11.9 J	4.55 J	<0.0106	<0.0212 J
ILBS0368	ILBS0368S001	8/20/2012	0.5-1.0	In Place	Sidewall	9.64 J	0.0992 J	8.75 J	4.85 J	<0.0109	<0.0216 J
ILBS0369	ILBS0369S001	8/20/2012	0.5-0.8	In Place	Sidewall	11.9 J	0.091 J	10.5 J	4.48 J	<0.0108	<0.0212 J
ILBS0370	ILBS0370S001	8/20/2012	0.5-0.7	In Place	Sidewall	38.5 J	0.103 J	14.2 J	5.71	<0.0105	0.0252 J
ILBS0371	ILBS0371S001	8/20/2012	0.5-1.0	In Place	Sidewall	16.8 J	0.12 J	14.8 J	6.72 J	<0.0109	0.0546 J
ILBS0372	ILBS0372S001	8/20/2012	0.5-1.0	In Place	Sidewall	13.2 J	0.1 J	11 J	5.56 J	<0.0108	0.0431 J
ILBS0372	ILBS0372S002	8/20/2012	4.5-5.0	In Place	Sidewall	15.7 J	0.0236 J	8.18 J	6.64 J	<0.0108	0.0444 J
ILBS0373	ILBS0373S001	8/20/2012	0.5-1.0	In Place	Sidewall	27 J	0.14 J	12.9 J	6.34 J	<0.0109	0.0391 J
ILBS0373	ILBS0373D001	8/20/2012	0.5-1.0	In Place	Sidewall	8.74 J	0.0764 J	8.85 J	4.66 J	<0.0111	0.0468 J
ILBS0374	ILBS0374S001	8/20/2012	0.5-1.0	In Place	Sidewall	10.7 J	0.085 J	11.8 J	4.72 J	<0.0106	0.0226 J
ILBS0374	ILBS0374S001SP	8/20/2012	0.5-1.0	In Place	Sidewall	8.6	0.15 J	9.4	5.2	0.0069 J	0.034 J
ILBS0381	ILBS0381S001	8/21/2012	0.5-1.0	In Place	Sidewall	9.91 J	0.0957 J	12.5 J	5.21 J	<0.0107	<0.0209
ILET0116	ILET0116S001	1/29/2013	2.5-3.0	In Place	Sidewall	10.7	0.0543	9.19	4.47	0.0117	0.0309
ILET0117	ILET0117S001	1/29/2013	2.5-3.0	In Place	Sidewall	11	0.0864	9.29	5.26	0.0117	0.027
ILET0118	ILET0118S001	1/29/2013	3.0-3.5	In Place	Sidewall	9.61	0.0939	9.24	5.18	0.0119	0.0369
ILET0119	ILET0119S001	1/29/2013	3.0-3.5	In Place	Sidewall	10.2	0.0373	11.3	6.16	0.015	0.0602
ILET0119	ILET0119D001	1/29/2013	3.0-3.5	In Place	Sidewall	10.6	0.0535	11.3	6.55	0.0122	0.0481
ILET0120	ILET0120S001	1/29/2013	1.5-2.0	In Place	Sidewall	9.17	0.0629	7.76	4	0.0113	0.0217
ILET0121	ILET0121S001	1/29/2013	3.5-4.0	In Place	Sidewall	7.06	0.118	8.8	4.35	0.0123	0.0318
ILET0122	ILET0122S001	1/29/2013	2.0-2.5	In Place	Sidewall	8.82	0.0621	8.88	4.12	0.0112	0.0343
ILET0123	ILET0123S001	1/29/2013	1.0-1.5	In Place	Sidewall	10.2	0.0764	9.93	5.03	0.114	0.0219
ILET0124	ILET0124S001	1/29/2013	2.5-3.0	In Place	Floor	9.53	0.0998	11.6	5.12	0.0137	0.0229
ILET0124	ILET0124S001-RWQCB	1/29/2013	2.5-3.0	In Place	Floor	9.6	<0.20	11	4.1	0.0105 J	<0.30
ILET0125	ILET0125S001	1/29/2013	2.0-2.5	In Place	Floor	7.43	0.062	8.31	4.88	0.0249	0.0398
ILET0126	ILET0126S001	1/29/2013	3.0-3.5	In Place	Floor	11.4	0.0491	9.63	6.54	0.0274	0.0361
ILET0126	ILET0126S001SP	1/29/2013	3.0-3.5	In Place	Floor	10.7	<0.227	7.79	5.96	<0.115	<0.227
ILET0126	ILET0126S001-RWQCB	1/29/2013	3.0-3.5	In Place	Floor	8.3	<0.20	8.4	4.7	0.0160 J	<0.30
ILET0127	ILET0127S001	1/29/2013	3.0-3.5	In Place	Floor	12.6	0.0527	12.6	8.09	0.0316	0.0415
ILET0128	ILET0128S001	1/29/2013	2.5-3.0	In Place	Floor	8.15	0.0489	6.39	3.94	0.0219	0.0265

TABLE E-9.2
IEL-3 CONFIRMATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

						Metals	Metals	Metals	Metals	Metals	Metals
						Arsenic	Cadmium	Copper	Lead	Mercury	Silver
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						15	1	29	34	0.09	0.79
						--	1	29	34	0.09	--
						--	--	8.2	--	0.88	96
						0.095	0.021	1.1	0.063	0.1	0.54
						RES	ECO	ECO	ECO	ECO	ECO
Object Name	Sample Name	Sample Date	Sample Depth (feet bgs)	Sample Status	Floor/Sidewall	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ILET0128	ILET0128S001-RWQCB	1/29/2013	2.5-3.0	In Place	Floor	7.6	<0.20	7.3	3.7	0.0174 J	<0.30
ILET0129	ILET0129S001	1/29/2013	3.0-3.5	In Place	Floor	12.4	0.053	12.5	6.88	0.0261	0.0417
ILET0129	ILET0129S001-RWQCB	1/29/2013	3.0-3.5	In Place	Floor	8.8	<0.20	10	4.7	0.0136 J	<0.30
ILET0130	ILET0130S001	1/29/2013	2.0-2.5	In Place	Floor	8.17	0.0287	7.11	5.36	0.0115	0.0226

Data Box Information

All Result(s) Less than or equal to SRGs

ILBS0307	Result X SRG
ISRA COCs	<= SRG
RCRA R.D.s	>SL

Result(s) Greater than SRGs

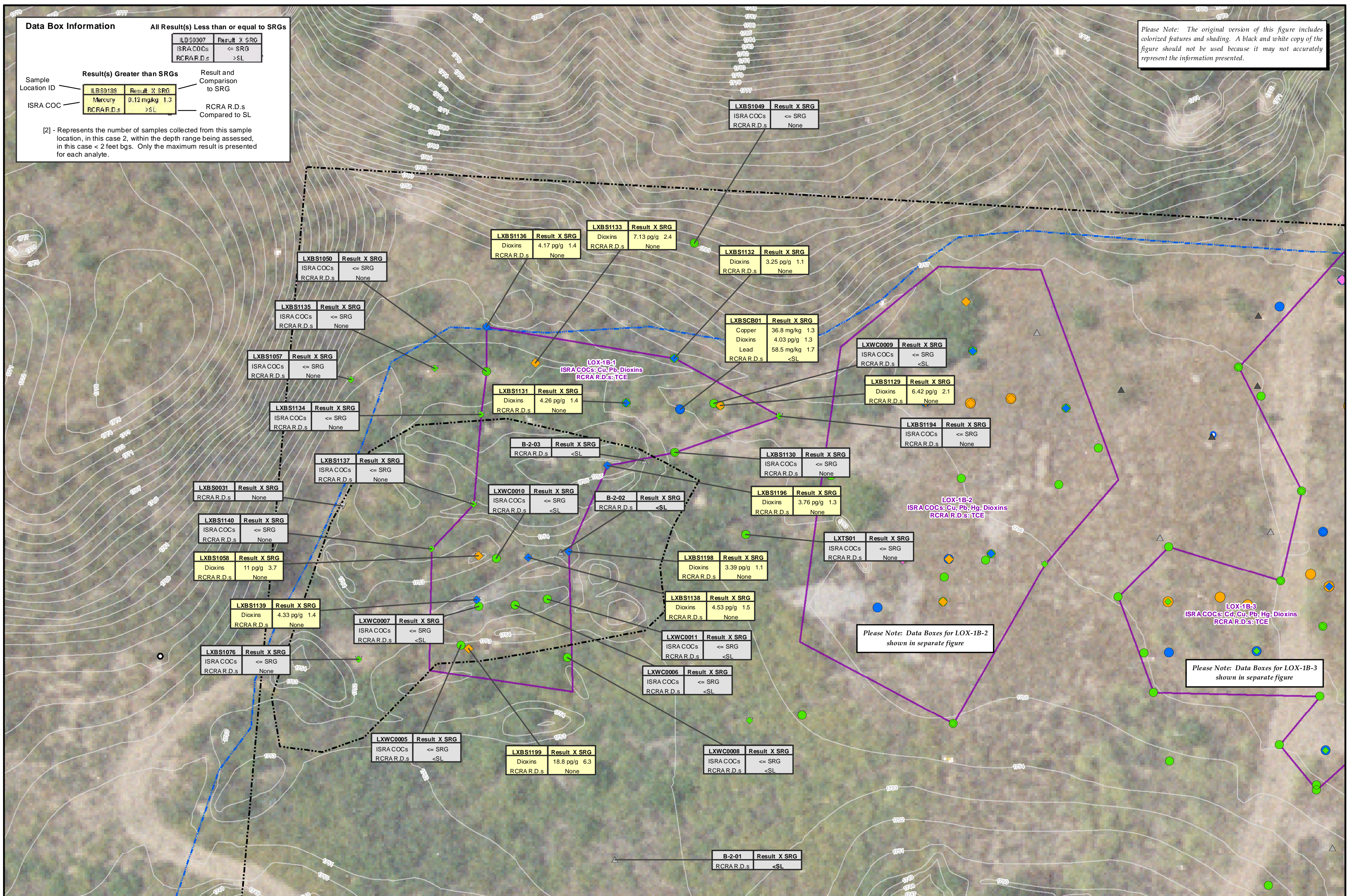
ILBS0138	Result X SRG
Mercury	0.12 mg/kg 1.3
RCRA R.D.s	>SL

Result and Comparison to SRG

RCRA R.D.s Compared to SL

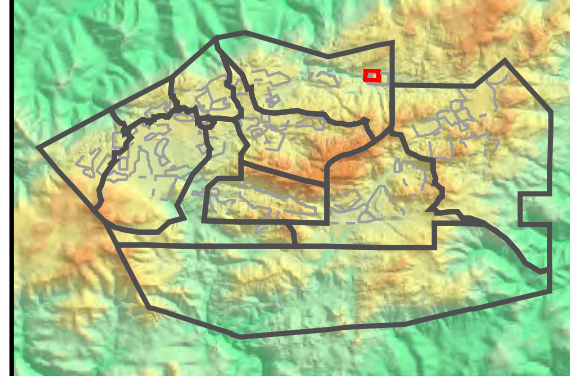
[2] - Represents the number of samples collected from this sample location, in this case 2, within the depth range being assessed, in this case < 2 feet bgs. Only the maximum result is presented for each analyte.

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.



Please Note: Data Boxes for LOX-1B-2 shown in separate figure

Please Note: Data Boxes for LOX-1B-3 shown in separate figure



Base Map Legend

- Administrative Area Boundary
- RFI Site Boundary
- Report Group Boundary
- Drainage
- Non Jurisdictional Surface Water Pathway
- Surface Water Divide
- Previous Excavation Area
- Elevation Contour

Figure Legend

- ISRA Planned Excavation
- Near Surface Well
- Chatsworth Well

ISRA Constituents of Concern
Cadmium, Copper, Lead, Mercury, Dioxin

Soil Remediation Goals (SRGs)
Cadmium: 1 mg/kg
Copper: 29 mg/kg
Lead: 34 mg/kg
Mercury: 0.09 mg/kg
Dioxin: 3.0 pg/g

RCRA R.D.s = RCRA Risk Drivers
SL = Screening Level

Chemical Data Legend

Dioxin Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- > 2x SRG and <= 10x SRG
- > 10x SRG

Sample Not Analyzed for ISRA COCs

- > SL for one or more RCRA R.D.s
- <= SL for all RCRA R.D.s
- Not analyzed for RCRA R.D.s

Notes:

- Dioxin represents the sum of 17 dioxin/furan congener results adjusted for toxicity, normalized to 2,3,7,8-TCDD-TEQ.
- Cadmium, copper, lead, and mercury SRG is equal to the 2005 background comparison concentration, and SRG for dioxins is approximately 3 times the 2005 background comparison concentration.
- Screening level for RCRA risk drivers is the lower of the Ecological or Residential Risk-Based Screening Level. All RCRA risk drivers identified on this figure view are evaluated at each sample location shown.
- Aerial imagery and topographic contours from Sage, 2010. Aerial imagery was collected June 2, 2010, and represents pre-excavation conditions. Topographic contours represent pre-excavation conditions.

**Outfall 009 - ISRA Area LOX-1B-1
Pre-Excavation Sample Results
Surface Soils (0 - 2 feet bgs)
SANTA SUSANA FIELD LABORATORY**

Path: T:\projects\rock3\ISRA\Figures\NASA\LOX-1B-1\LOX-1B-1_PreExcav_Shallow.mxd Date: 12/19/2013

1 inch = 20 feet

0 20 40 Feet

MWH

Figure E-10.1

Data Box Information

All Result(s) Less than or equal to SRGs

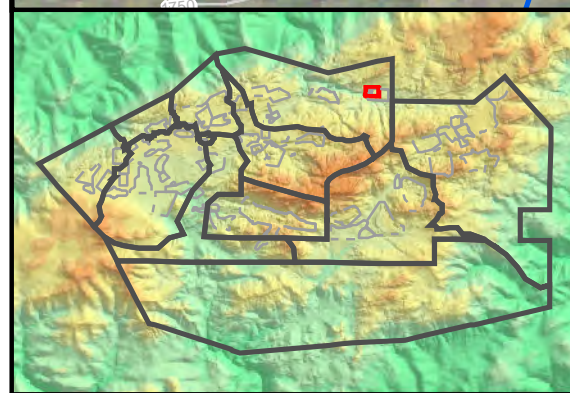
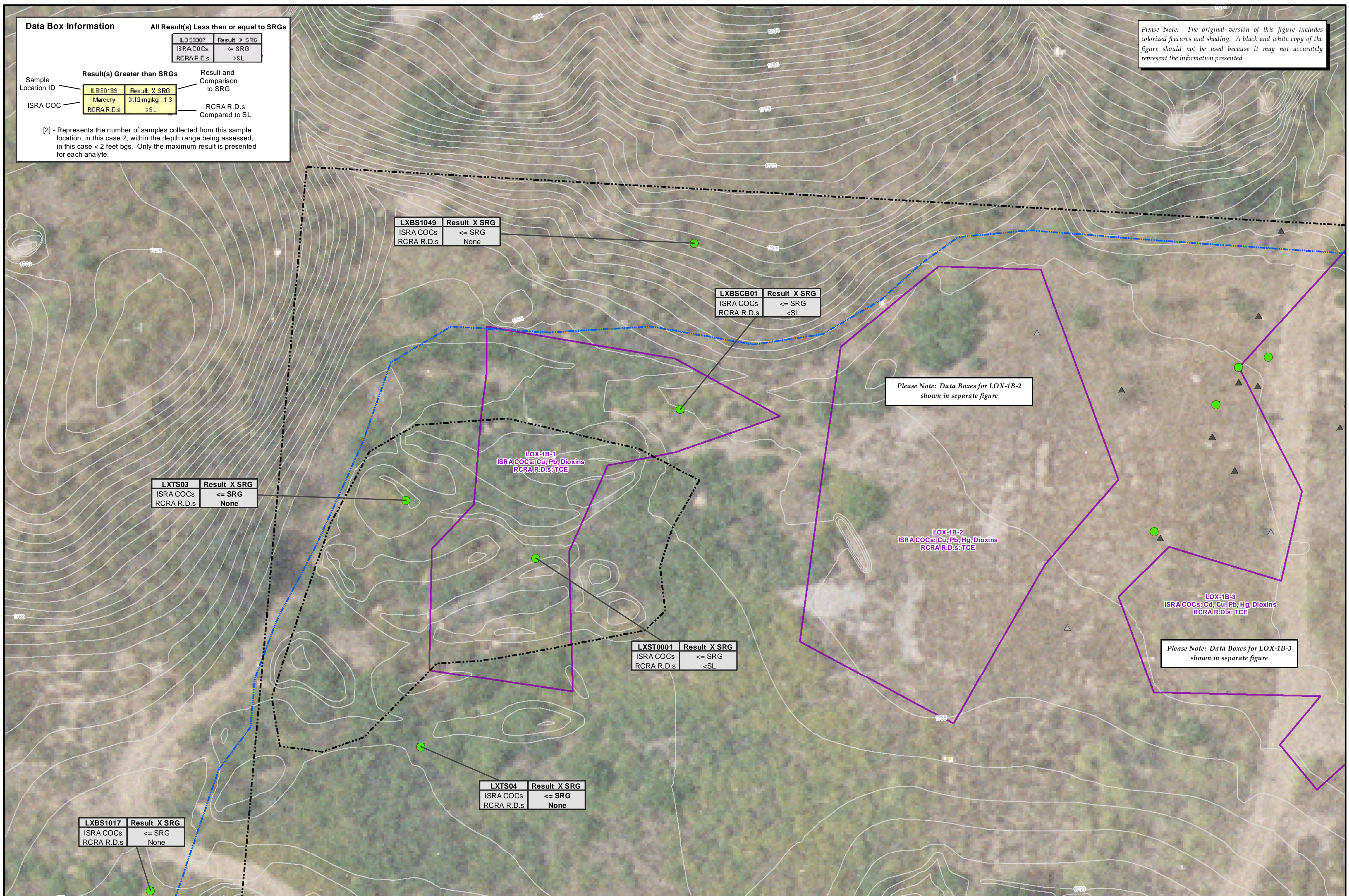
ISRA COCs	Result X SRG
ISRA COCs	<= SRG
RCRA R.D.s	>SL

Result(s) Greater than SRGs

Sample Location ID	ISRA COC	Result X SRG	Result and Comparison to SRG
ILBS0138	Mercury	0.12 mg/kg 1.3	RCRA R.D.s Compared to SL
	RCRA R.D.s	>SL	

[2] - Represents the number of samples collected from this sample location, in this case 2, within the depth range being assessed, in this case < 2 feet bgs. Only the maximum result is presented for each analyte.

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.



Base Map Legend

- Administrative Area Boundary
- RFI Site Boundary
- Report Group Boundary
- Drainage
- Non Jurisdictional Surface Water Pathway
- Surface Water Divide
- Previous Excavation Area
- Elevation Contour

Figure Legend

- Planned Excavation Area
- Near Surface Well
- Chatsworth Well

ISRA Constituents of Concern
Cadmium, Copper, Lead, Mercury, Dioxin

Soil Remediation Goals (SRGs)
Cadmium: 1 mg/kg
Copper: 29 mg/kg
Lead: 34 mg/kg
Mercury: 0.09 mg/kg
Dioxin: 3.0 pg/g

RCRA R.D.s = RCRA Risk Drivers
SL = Screening Level

Notes:
1. Dioxin represents the sum of 17 dioxin/furan congeners results adjusted for toxicity, normalized to 2,3,7,8-TCDD-TEQ.
2. Cadmium, copper, lead, and mercury SRG is equal to the 2005 background comparison concentration, and SRG for dioxins is approximately 3 times the 2005 background comparison concentration.
3. Screening level for RCRA risk drivers is the lower of the Ecological or Residential Risk-Based Screening Level. All RCRA risk drivers identified on this figure view are evaluated at each sample location shown.
4. Aerial imagery and topographic contours from Sage, 2010. Aerial imagery was collected June 2, 2010, and represents pre-excavation conditions. Topographic contours represent pre-excavation conditions.

Chemical Data Legend

Cadmium, Copper, Lead, and/or Mercury Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- >2x SRG and <= 10x SRG
- >10x SRG

Dioxin Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- > 2x SRG and <= 10x SRG
- > 10x SRG

Sample Not Analyzed for ISRA COCs

- > SL for one or more RCRA R.D.s
- <= SL for all RCRA R.D.s
- Not analyzed for RCRA R.D.s

Outfall 009 - ISRA Area LOX-1B-1 Pre-Excavation Sample Results Subsurface Soils (2 - 10 feet bgs) SANTA SUSANA FIELD LABORATORY

Path: T:\project\rock3\ISRA\Figures\NAS\LOX-1B-1\LOX-1B-1_PreExcav_Deep.mxd Date: 12/19/2013

1 inch = 20 feet

0 20 40 Feet

MWH

Figure E-10.2

**TABLE E-10.1
LOX-1B-1 PRE-EXCAVATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

Group					Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Dioxins			
Preferred					Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	TCDD TEQ	
Result Value Units					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pg/g
Background					8.7	15	140	1.1	1	36.8	21	29	34	0.09	5.3	29	0.655	0.79	0.46	62	110	0.87	
ISRA SRG					--	--	--	--	1	--	--	29	34	0.09	--	--	--	--	--	--	--	3	
CMS					0.77	--	--	--	--	--	--	8.2	--	0.88	--	15	--	96	--	--	26	--	
Lowest Characterization RBSL					0.095	0.095	15	5.1	0.021	930	8.9	1.1	0.063	0.1	0.11	0.1	0.17	0.54	2.9	1.5	21	4.27	
RBSL Type					ECO	RES	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO
Object Name	Sample Name	Collection Date	Sample Depth (feet bgs)	ISRA Area	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	
B-2-02	B-2-02	2/16/1993	1.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-2-03	B-2-03	2/16/1993	1.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS1050	LXBS1050S001	4/2/2009	0.0-0.5	LOX-1B-1	--	--	--	--	--	--	--	18.3	15.2	--	--	--	--	--	--	--	--	2.62	
LXBS1058	LXBS1058S001	6/16/2009	0.0-0.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11.0	
LXBS1129	LXBS1129S001	4/27/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	11.1	14.2 J	--	--	--	--	--	--	--	--	6.42	
LXBS1130	LXBS1130S001	4/27/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	11.4	7.93 J	--	--	--	--	--	--	--	--	1.7	
LXBS1131	LXBS1131S001	4/27/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	9.64	5.73 J	--	--	--	--	--	--	--	--	4.26	
LXBS1132	LXBS1132S001	4/28/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	18.1 J	17.8	--	--	--	--	--	--	--	--	3.25	
LXBS1133	LXBS1133S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.13	
LXBS1134	LXBS1134S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	
LXBS1136	LXBS1136S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.17	
LXBS1137	LXBS1137S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.473	
LXBS1138	LXBS1138S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.53	
LXBS1139	LXBS1139S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.33	
LXBS1140	LXBS1140S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.334	
LXBS1194	LXBS1194S001	4/27/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.451	
LXBS1196	LXBS1196S001	4/27/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.76	
LXBS1198	LXBS1198S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.39	
LXBS1199	LXBS1199S001	4/22/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.8	
LXBSCB01	LXBSCB01S01	4/17/2008	0.5-1.0	LOX-1B-1	<0.317	4	98.5	0.47	0.43	22.1	5.4	36.8 J	58.5	--	3.4 J	14.3	<0.492	0.081 J	0.24	30.5 J	75.8	4.03	
LXBSCB01	LXBSCB01S02	4/17/2008	5.0-5.5	LOX-1B-1	<0.351	4.4	73.1	0.44	0.15 J	20.1	3.7	7.8	5.4	--	0.44	11.3	<0.566	<0.0452	0.23	39.4 J	50.1	0.154	
LXST0001	LXST0001S001	11/10/2010	3.0-3.5	LOX-1B-1	<1.03	5.19	88.5	0.542	0.25	16.4	5.78	8.22	5.8	<0.0999	0.555	12.7	0.132 J	0.0344 J	0.253	29.6	54.8	--	
LXWC0005	LXWC0005S001	10/13/2010	0.2-0.8	LOX-1B-1	<0.88	5.4	70	0.52	<0.2	16	4.5	11	18	0.024	0.38 J	9.6 B	<1	<0.8	<0.8	26	57	--	
LXWC0006	LXWC0006S001	10/13/2010	0.8-1.3	LOX-1B-1	1.1 J	7.1	91	0.67	<0.2	28	8.5	14	8.1	0.014 J	0.56 J	21 B	<0.99	<0.79	<0.79	46	59	--	
LXWC0007	LXWC0007S001	10/13/2010	1.2-1.7	LOX-1B-1	0.96 J	5.2	83	0.61	<0.2	24	5.7	11	6.1	<0.012	0.44 J	19 B	<1	<0.8	<0.8	37	47	--	
LXWC0008	LXWC0008S001	10/13/2010	0.1-0.3	LOX-1B-1	1 J	4.7	66	0.52	<0.2	19	5.2	8.1	4.3	<0.012	<0.2	15 B	<0.99	<0.79	<0.79	33	46	--	
LXWC0009	LXWC0009S001	10/13/2010	1.4-1.9	LOX-1B-1	0.9 J	5.2	62	0.59	<0.2	23	5.5	16	8.6	<0.012	0.47 J	19 B	<0.99	<0.79	<0.79	34	55	--	
LXWC0010	LXWC0010S001	10/13/2010	0.1-0.3	LOX-1B-1	0.96 J	6.8	87	0.61	<0.2	21	5.3	20	19	0.014 J	0.48 J	13 B	<0.98	<0.78	<0.78	30	67	--	
LXWC0011	LXWC0011S001	10/13/2010	0.0-0.4	LOX-1B-1	1.1 J	6.6	89	0.71	<0.2	26	7.6	13	7.7	0.012 J	0.37 J	21 B	<0.98	<0.78	<0.78	40	53	--	
B-2-01	B-2-01	2/16/1993	1.0-1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS0031	LXBS0031S01	12/14/2006	0.1-0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.21 J	0.055	0.21	--	--	--	
LXBS1017	LXBS1017S01	6/6/2008	5.0-6.0	--	<0.36	0.37 J	3.7	0.026 J	<0.0239	1.3	<0.39	<0.3	0.19 J	0.0096 J	0.15	15.6	<0.599	<0.0479	<0.0479	9.2	1.1 J	--	
LXBS1049	LXBS1049S001	4/1/2009	0.0-0.1	--	--	--	--	--	--	--	--	10.4	7.73	--	--	--	--	--	--	--	--	0.226	
LXBS1049	LXBS1049S002	4/1/2009	2.5-3.0	--	--	--	--	--	--	--	--	21.5	13.6	--	--	--	--	--	--	--	--	0.240	
LXBS1057	LXBS1057S001	6/16/2009	0.0-0.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.34	
LXBS1076	LXBS1076S001	8/25/2009	0.0-0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.049	
LXBS1135	LXBS1135S001	4/22/2010	0.0-1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.46	
LXTS01	LXTS01S01	5/14/2001	1.0-1.5	--	<0.11 J	15.7	60.1	0.57	0.48	16.4	4.4	4.7	7.5	<0.01 J	<0.55	9.6	<2.3	<3.8	<1.5 J	21.4	42.8	--	
LXTS03	LXTS03S01	5/14/2001	1.5-2.0	--	<0.11 J	5.6	50.7	0.59	<0.02 J	12.3	5	6	5.5	<0.1 J	<0.52	7.6	<2.2	<3.6	<1.4 J	20.7	41.2	--	
LXTS04	LXTS04S01	5/14/2001	1.5-2.0	--	<0.12 J	4.8	66.5	0.57	<0.02 J	14.1	5.2	9.7	6.9	<0.02 J	<0.57	10	<2.4	<4	<1.6 J	21.8	49.9	--	

TABLE E-10.1
LOX-1B-1 PRE-EXCAVATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

		Group		VOCs
		Preferred		Trichloroethene
		Result Value Units		ug/kg
		Background		--
		ISRA SRG		--
		CMS		--
		Lowest Characterization RBSL		2.2
		RBSL Type		RES
Object Name	Sample Name	Collection Date	Sample Depth (feet bgs)	RESULTS
B-2-02	B-2-02	2/16/1993	1.0-1.0	<5
B-2-03	B-2-03	2/16/1993	1.0-1.0	<5
LXBS1050	LXBS1050S001	4/2/2009	0.0-0.5	--
LXBS1058	LXBS1058S001	6/16/2009	0.0-0.0	--
LXBS1129	LXBS1129S001	4/27/2010	0.0-1.0	--
LXBS1130	LXBS1130S001	4/27/2010	0.0-1.0	--
LXBS1131	LXBS1131S001	4/27/2010	0.0-1.0	--
LXBS1132	LXBS1132S001	4/28/2010	0.0-1.0	--
LXBS1133	LXBS1133S001	4/22/2010	0.0-1.0	--
LXBS1134	LXBS1134S001	4/22/2010	0.0-1.0	--
LXBS1136	LXBS1136S001	4/22/2010	0.0-1.0	--
LXBS1137	LXBS1137S001	4/22/2010	0.0-1.0	--
LXBS1138	LXBS1138S001	4/22/2010	0.0-1.0	--
LXBS1139	LXBS1139S001	4/22/2010	0.0-1.0	--
LXBS1140	LXBS1140S001	4/22/2010	0.0-1.0	--
LXBS1194	LXBS1194S001	4/27/2010	0.0-1.0	--
LXBS1196	LXBS1196S001	4/27/2010	0.0-1.0	--
LXBS1198	LXBS1198S001	4/22/2010	0.0-1.0	--
LXBS1199	LXBS1199S001	4/22/2010	0.0-1.0	--
LXBSCB01	LXBSCB01S01	4/17/2008	0.5-1.0	<0.992
LXBSCB01	LXBSCB01S02	4/17/2008	5.0-5.5	<1.05
LXST0001	LXST0001S001	11/10/2010	3.0-3.5	<5
LXWC0005	LXWC0005S001	10/13/2010	0.2-0.8	<0.5
LXWC0006	LXWC0006S001	10/13/2010	0.8-1.3	<0.5
LXWC0007	LXWC0007S001	10/13/2010	1.2-1.7	<0.49
LXWC0008	LXWC0008S001	10/13/2010	0.1-0.3	<0.5
LXWC0009	LXWC0009S001	10/13/2010	1.4-1.9	<0.5
LXWC0010	LXWC0010S001	10/13/2010	0.1-0.3	<0.5
LXWC0011	LXWC0011S001	10/13/2010	0.0-0.4	<0.5
B-2-01	B-2-01	2/16/1993	1.0-1.0	<5
LXBS0031	LXBS0031S01	12/14/2006	0.1-0.5	--
LXBS1017	LXBS1017S01	6/6/2008	5.0-6.0	--
LXBS1049	LXBS1049S001	4/1/2009	0.0-0.1	--
LXBS1049	LXBS1049S002	4/1/2009	2.5-3.0	--
LXBS1057	LXBS1057S001	6/16/2009	0.0-0.0	--
LXBS1076	LXBS1076S001	8/25/2009	0.0-0.5	--
LXBS1135	LXBS1135S001	4/22/2010	0.0-1.0	--
LXTS01	LXTS01S01	5/14/2001	1.0-1.5	--
LXTS03	LXTS03S01	5/14/2001	1.5-2.0	--
LXTS04	LXTS04S01	5/14/2001	1.5-2.0	--

Data Box Information

All Result(s) Less than or equal to SRGs

ILBS0307	Result X SRG
ISRA COCs	<= SRG
RCRA R.D.s	>SL

Result(s) Greater than SRGs

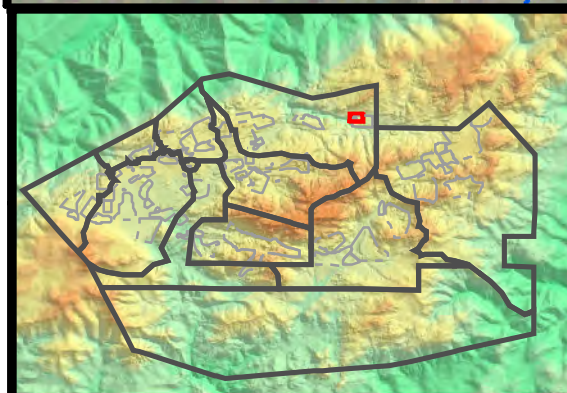
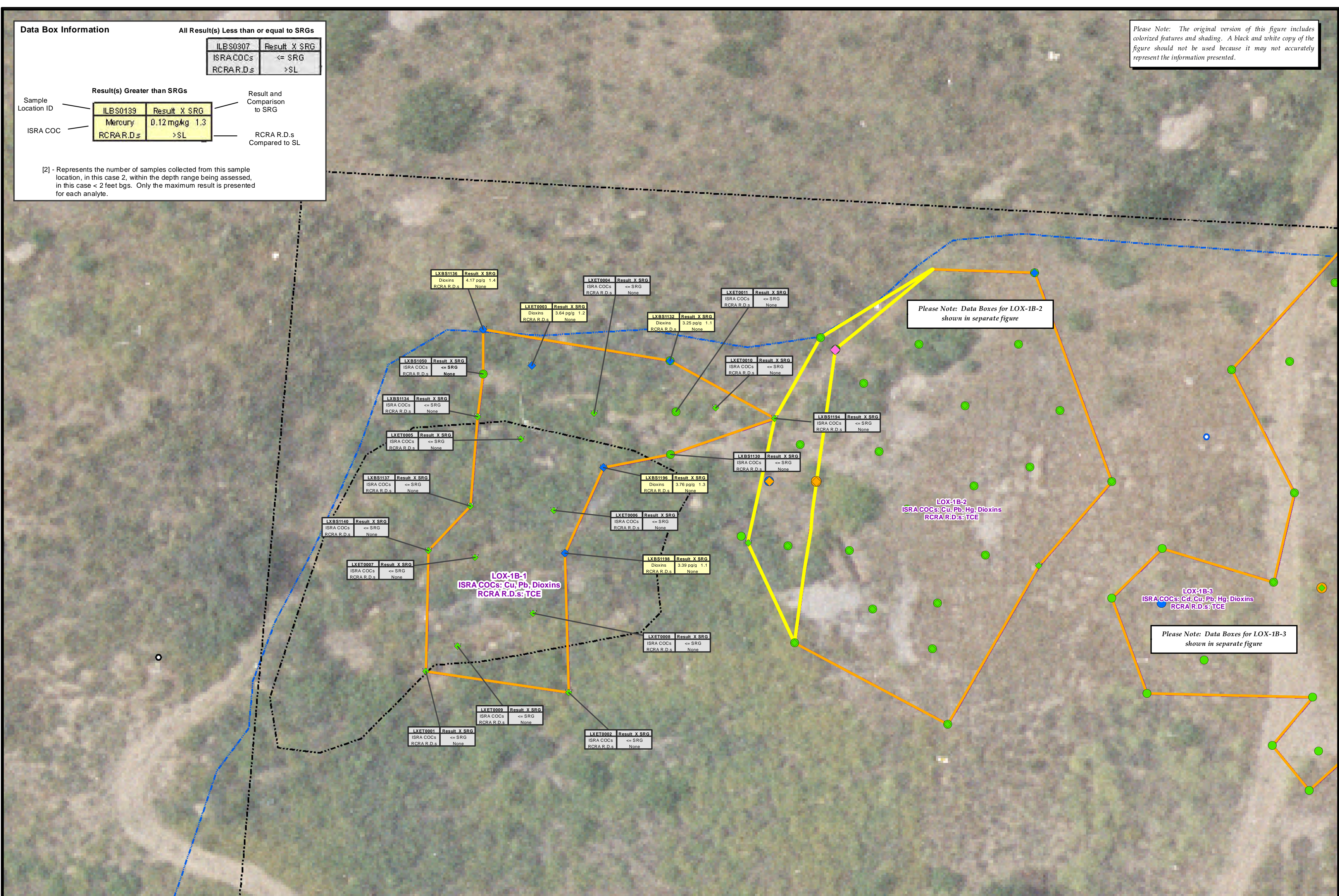
Sample Location ID	ILBS0139	Result X SRG
ISRA COC	Mercury	0.12 mg/kg 1.3
	RCRA R.D.s	>SL

Result and Comparison to SRG

RCRA R.D.s Compared to SL

[2] - Represents the number of samples collected from this sample location, in this case 2, within the depth range being assessed, in this case < 2 feet bgs. Only the maximum result is presented for each analyte.

Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.



Base Map Legend

- Administrative Area Boundary
- RFI Site Boundary
- Report Group Boundary
- Drainage
- Non Jurisdictional Surface Water Pathway
- Surface Water Divide
- Previous Excavation Area

Figure Legend

- ISRA Planned Excavation
- ISRA Actual Excavation
- Additional Excavation Area
- Near Surface Well
- Chatsworth Well

ISRA Constituents of Concern
Cadmium, Copper, Lead, Mercury, Dioxin

Soil Remediation Goals (SRGs)
Cadmium: 1 mg/kg
Copper: 29 mg/kg
Lead: 34 mg/kg
Mercury: 0.09 mg/kg
Dioxin: 3.0 pp/g

RCRA R.D.s = RCRA Risk Drivers
SL = Screening Level

Cadmium, Copper, Lead, and/or Mercury Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- > 2x SRG and <= 10x SRG
- > 10x SRG

Chemical Data Legend

Dioxin Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- > 2x SRG and <= 10x SRG
- > 10x SRG

Sample Not Analyzed for ISRA COCs

- > SL for one or more RCRA R.D.s
- <= SL for all RCRA R.D.s
- Not analyzed for RCRA R.D.s

Notes:
1. Dioxin represents the sum of 17 dioxin/furan congener results adjusted for toxicity, normalized to 2,3,7,8-TCDD-TEQ.
2. Cadmium, copper, lead, and mercury SRG is equal to the 2005 background comparison concentration, and SRG for dioxins is approximately 3 times the 2005 background comparison concentration.
3. Screening level for RCRA risk drivers is the lower of the Ecological or Residential Risk-Based Screening Level. All RCRA risk drivers identified on this figure view are evaluated at each sample location shown.
4. Aerial imagery was collected June 2, 2010, and represents pre-excavation conditions (Sage, 2010).
5. The actual ISRA excavation boundary was surveyed by Cal Vada on 6/28/2013.

Outfall 009 - ISRA Area LOX-1B-1 Confirmation Sample Results

SANTA SUSANA FIELD LABORATORY

Path: T:\projects\rock3\ISRA\Figures\NASA\LOX-1B-1\LOX-1B-1_Confirm.mxd Date: 12/19/2013

1 inch = 20 feet

0 20 40 Feet

MWH

Figure E-10.3

TABLE E-10.2
LOX-1B-1 CONFIRMATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

Group						Metals	Metals	Dioxins
Preferred Analyte						Copper	Lead	TCDD TEQ
Result Value Units						mg/kg	mg/kg	pg/g
Background						29	34	0.87
ISRA SRG						29	34	3
CMS						8.2	--	--
Lowest Characterization RBSL						1.1	0.063	4.27
RBSL Type						ECO	ECO	ECO
Object Name	Sample Name	Sample Date	Sample Depth (feet bgs)	Sample Status	Floor/Sidewall	RESULTS	RESULTS	RESULTS
LXBS1050	LXBS1050S001	4/2/2009	0.0-0.5	In Place	Sidewall	18.3	15.2	2.62
LXBS1130	LXBS1130S001	4/27/2010	0.0-1.0	In Place	Sidewall	11.4	7.93 J	1.7
LXBS1132	LXBS1132S001	4/28/2010	0.0-1.0	In Place	Sidewall	18.1 J	17.8	3.25
LXBS1134	LXBS1134S001	4/22/2010	0.0-1.0	In Place	Sidewall	--	--	1.9
LXBS1136	LXBS1136S001	4/22/2010	0.0-1.0	In Place	Sidewall	--	--	4.17
LXBS1137	LXBS1137S001	4/22/2010	0.0-1.0	In Place	Sidewall	--	--	0.473
LXBS1140	LXBS1140S001	4/22/2010	0.0-1.0	In Place	Sidewall	--	--	0.334
LXBS1194	LXBS1194S001	4/27/2010	0.0-1.0	In Place	Sidewall	--	--	0.451
LXBS1196	LXBS1196S001	4/27/2010	0.0-1.0	In Place	Sidewall	--	--	3.76
LXBS1198	LXBS1198S001	4/22/2010	0.0-1.0	In Place	Sidewall	--	--	3.39
LXET0001	LXET0001S001	6/27/2013	0.5-1.0	In Place	Sidewall	--	--	0.013
LXET0002	LXET0002S001	6/27/2013	0.5-1.0	In Place	Sidewall	--	--	0.922
LXET0003	LXET0003S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	3.64
LXET0004	LXET0004S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.095
LXET0005	LXET0005S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0
LXET0006	LXET0006D001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.0097
LXET0006	LXET0006S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.032
LXET0007	LXET0007S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.48
LXET0008	LXET0008S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.061
LXET0009	LXET0009S001	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.28
LXET0009	LXET0009S001-RWQCB	8/1/2013	1.0-1.5	In Place	Floor	--	--	0.197
LXET0010	LXET0010S001	8/20/2013	1.0-1.5	In Place	Floor	--	--	0.015
LXET0011	LXET0011S001	8/20/2013	1.0-1.5	In Place	Floor	11.2	9.3	0.076
LXET0011	LXET0011S001-RWQCB	8/20/2013	1.0-1.5	In Place	Floor	8.58	6.14	0.256

Data Box Information

All Result(s) Less than or equal to SRGs

ILBS0307	Result X SRG
ISRA COCs	<= SRG
RCRAR.D.s	>SL

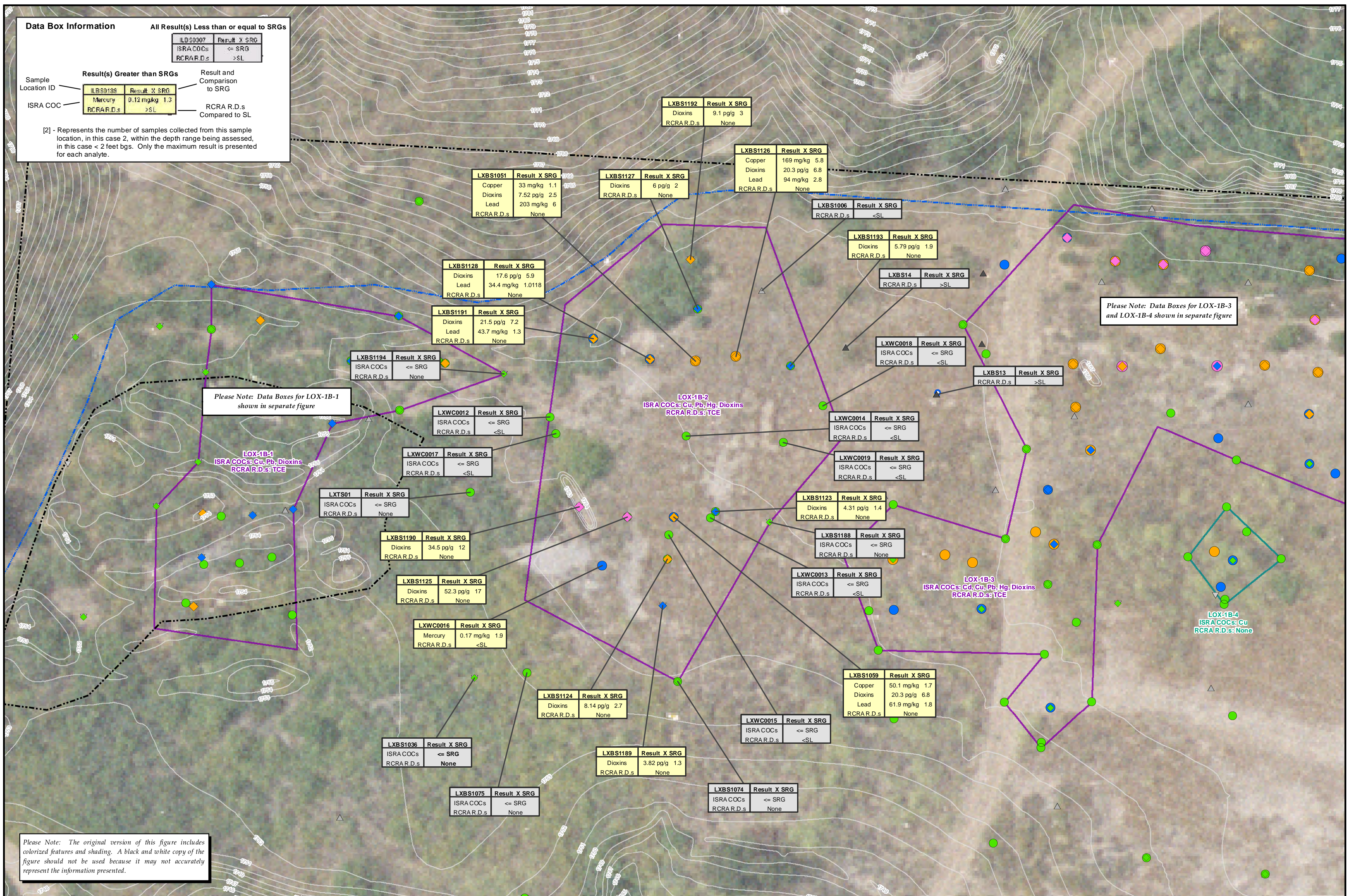
Result(s) Greater than SRGs

ILBS0138	Result X SRG
Mercury	0.12 mg/kg 1.3
RCRAR.D.s	>SL

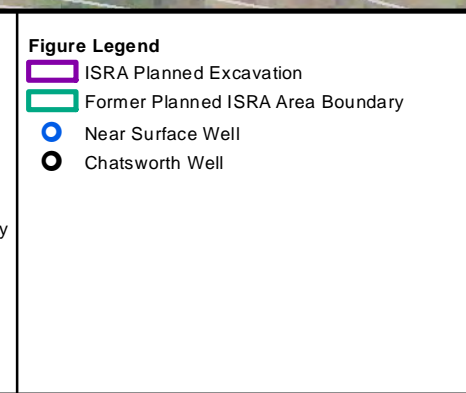
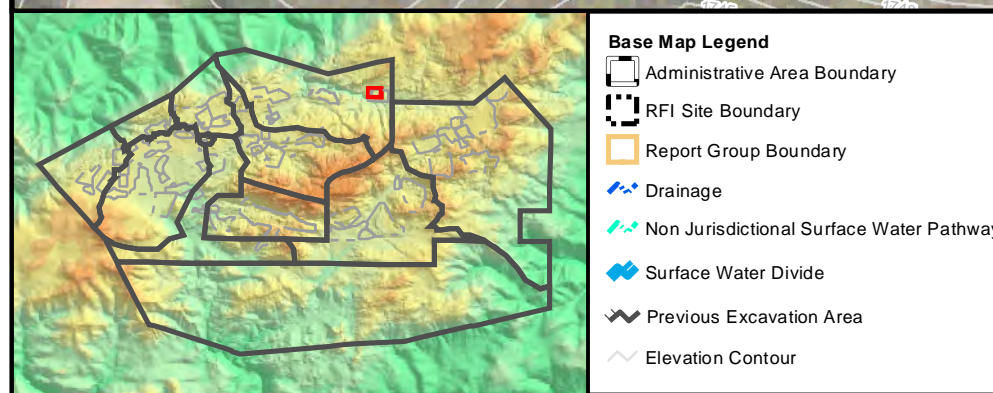
Result and Comparison to SRG

RCRA R.D.s Compared to SL

[2] - Represents the number of samples collected from this sample location, in this case 2, within the depth range being assessed, in this case < 2 feet bgs. Only the maximum result is presented for each analyte.



Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.



ISRA Constituents of Concern
Cadmium, Copper, Lead, Mercury, Dioxin

Soil Remediation Goals (SRGs)
Cadmium: 1 mg/kg
Copper: 29 mg/kg
Lead: 34 mg/kg
Mercury: 0.09 mg/kg
Dioxin: 3.0 pg/g

RCRA R.D.s = RCRA Risk Drivers
SL = Screening Level

Notes:
1. Dioxin represents the sum of 17 dioxin/furan congener results adjusted for toxicity, normalized to 2,3,7,8-TCDD-TEQ.
2. Cadmium, copper, lead, and mercury SRG is equal to the 2005 background comparison concentration, and SRG for dioxins is approximately 3 times the 2005 background comparison concentration.
3. Screening level for RCRA risk drivers is the lower of the Ecological or Residential Risk-Based Screening Level. All RCRA risk drivers identified on this figure view are evaluated at each sample location shown.
4. Aerial imagery and topographic contours from Sage, 2010. Aerial imagery was collected June 2, 2010, and represents pre-excavation conditions. Topographic contours represent pre-excavation conditions.

Chemical Data Legend

Cadmium, Copper, Lead, and/or Mercury Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- > 2x SRG and <= 10x SRG
- > 10x SRG

Dioxin Sample Locations

- <= SRG
- > SRG and <= 2x SRG
- > 2x SRG and <= 10x SRG
- > 10x SRG

Sample Not Analyzed for ISRA COCs

- > SL for one or more RCRA R.D.s
- <= SL for all RCRA R.D.s
- Not analyzed for RCRA R.D.s

**Outfall 009 - ISRA Area LOX-1B-2
Pre-Excavation Sample Results
Surface Soils (0 - 2 feet bgs)
SANTA SUSANA FIELD LABORATORY**

Path: T:\project\rock3\ISRA\Figures\NASA\LOX-1B-2\LOX-1B-2_PreExcav_Shallow.mxd Date: 12/20/2013

1 inch = 20 feet

0 20 40 Feet

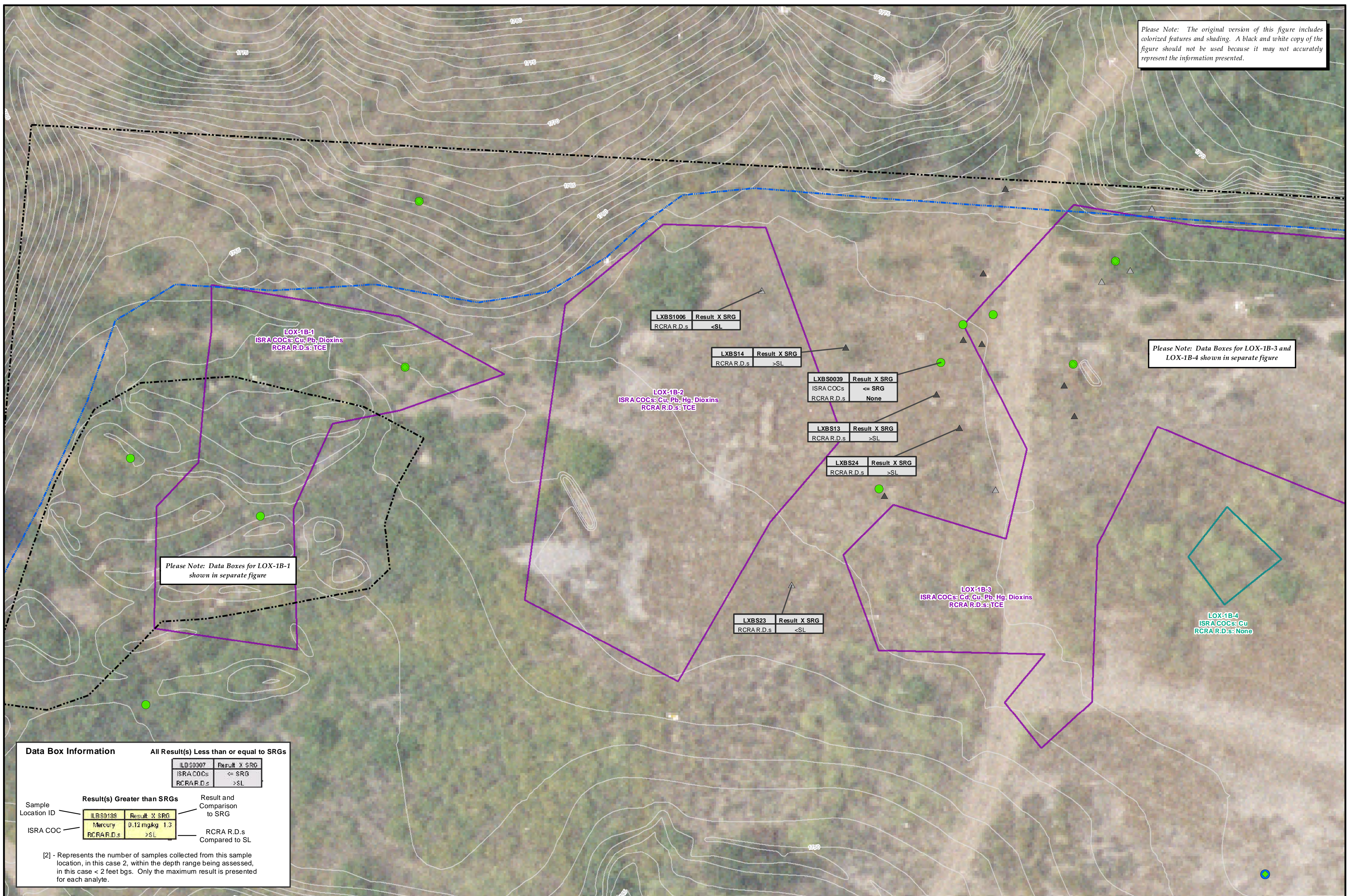
MWH

Figure E-11.1

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

Please Note: Data Boxes for LOX-1B-3 and LOX-1B-4 shown in separate figure

Please Note: Data Boxes for LOX-1B-1 shown in separate figure



Data Box Information

All Result(s) Less than or equal to SRGs

ILBS0307	Result X SRG
ISRA COCs	<= SRG
RCRA R.D.s	>SL

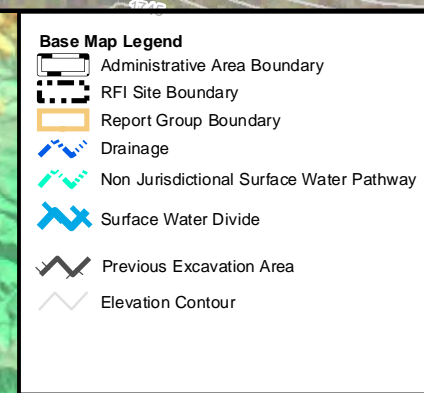
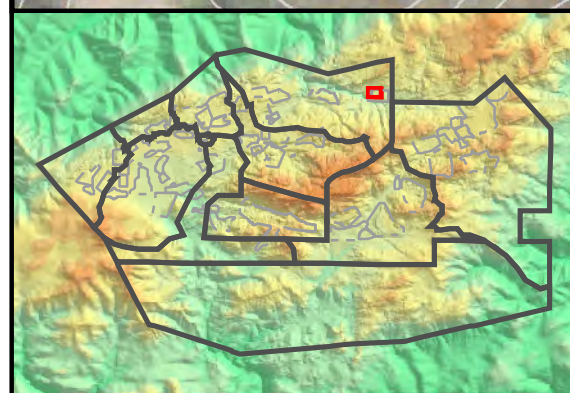
Result(s) Greater than SRGs

ILBS0138	Result X SRG
Mercury	0.12 mg/kg 1.3
RCRA R.D.s	>SL

Result and Comparison to SRG

RCRA R.D.s Compared to SL

[2] - Represents the number of samples collected from this sample location, in this case 2, within the depth range being assessed, in this case < 2 feet bgs. Only the maximum result is presented for each analyte.

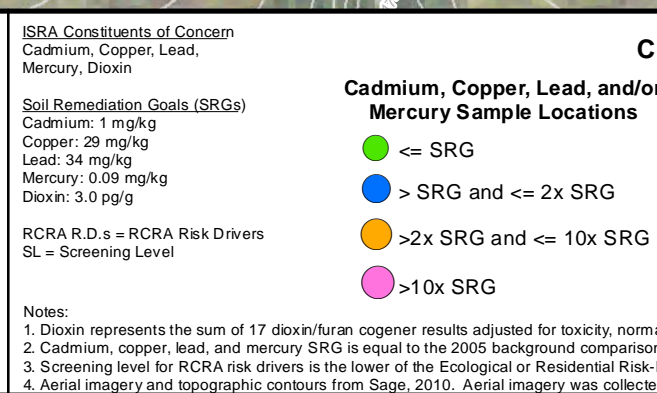


ISRA Constituents of Concern
Cadmium, Copper, Lead, Mercury, Dioxin

Soil Remediation Goals (SRGs)
Cadmium: 1 mg/kg
Copper: 29 mg/kg
Lead: 34 mg/kg
Mercury: 0.09 mg/kg
Dioxin: 3.0 pg/g

RCRA R.D.s = RCRA Risk Drivers
SL = Screening Level

Notes:
1. Dioxin represents the sum of 17 dioxin/furan congeners results adjusted for toxicity, normalized to 2,3,7,8-TCDD-TEQ.
2. Cadmium, copper, lead, and mercury SRG is equal to the 2005 background comparison concentration, and SRG for dioxins is approximately 3 times the 2005 background comparison concentration.
3. Screening level for RCRA risk drivers is the lower of the Ecological or Residential Risk-Based Screening Level. All RCRA risk drivers identified on this figure view are evaluated at each sample location shown.
4. Aerial imagery and topographic contours from Sage, 2010. Aerial imagery was collected June 2, 2010, and represents pre-excavation conditions. Topographic contours represent pre-excavation conditions.



Sample Not Analyzed for ISRA COCs

▲ > SL for one or more RCRA R.D.s
△ <= SL for all RCRA R.D.s
▽ Not analyzed for RCRA R.D.s

**Outfall 009 - ISRA Area LOX-1B-2
Pre-Excavation Sample Results
Subsurface Soils (2 - 10 feet bgs)
SANTA SUSANA FIELD LABORATORY**

Path: T:\projects\rock3\ISRA\Figures\NASA\LOX-1B-2\LOX-1B-2_PreExcav_Deep.mxd Date: 12/20/2013

1 inch = 20 feet

Figure E-11.2

**TABLE E-11.1
LOX-1B-2 PRE-EXCAVATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

Group					Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Dioxins		
Preferred					Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	TCDD TEQ	
Result Value Units					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pg/g	
Background					8.7	15	140	1.1	1	36.8	21	29	34	0.09	5.3	29	0.655	0.79	0.46	62	110	0.87	
ISRA SRG					--	--	--	--	1	--	--	29	34	0.09	--	--	--	--	--	--	--	3	
CMS					0.77	--	--	--	--	--	--	8.2	--	0.88	--	15	--	96	--	--	26	--	
Lowest Characterization RBSL					0.095	0.095	15	5.1	0.021	930	8.9	1.1	0.063	0.1	0.11	0.1	0.17	0.54	2.9	1.5	21	4.27	
RBSL Type					ECO	RES	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO	ECO
Object Name	Sample Name	Collection Date	Sample Depth (feet bgs)	ISRA Area	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	
LXBS1194	LXBS1194S001	4/27/2010	0.0-1.0	LOX-1B-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.451	
LXBS1006	LXBS1006S01	6/10/2008	0.5-1.0	LOX-1B-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS1006	LXBS1006S02	6/10/2008	5.5-6.0	LOX-1B-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS1051	LXBS1051S001	4/2/2009	0.0-0.3	LOX-1B-2	--	--	--	--	--	--	--	33	203	--	--	--	--	--	--	--	--	7.52	
LXBS1059	LXBS1059S001	6/16/2009	0.0-0.0	LOX-1B-2	--	--	--	--	--	--	50.1	61.9	--	--	--	--	--	--	--	--	--	20.3	
LXBS1074	LXBS1074S001	8/25/2009	0.0-0.5	LOX-1B-2	--	--	--	--	--	--	9.87 J	5.96	--	--	--	--	--	--	--	--	--	0.048	
LXBS1074	LXBS1074AS001	6/27/2013	0.5-1.0	LOX-1B-2	--	--	--	--	--	--	--	--	<0.0101 J	--	--	--	--	--	--	--	--	--	
LXBS1123	LXBS1123S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	24.1	12 J	--	--	--	--	--	--	--	--	--	4.31	
LXBS1124	LXBS1124S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	27.1	26.7 J	--	--	--	--	--	--	--	--	--	8.14	
LXBS1125	LXBS1125S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	18.5	22.1 J	--	--	--	--	--	--	--	--	--	52.3	
LXBS1126	LXBS1126S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	169	94 J	--	--	--	--	--	--	--	--	--	20.3	
LXBS1127	LXBS1127S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	26	32.5 J	--	--	--	--	--	--	--	--	--	6	
LXBS1128	LXBS1128S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	26.6	34.4 J	--	--	--	--	--	--	--	--	--	17.6	
LXBS1188	LXBS1188S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.393	
LXBS1189	LXBS1189S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.82	
LXBS1190	LXBS1190S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34.5	
LXBS1191	LXBS1191S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	--	43.7	--	--	--	--	--	--	--	--	--	21.5	
LXBS1192	LXBS1192S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.1	
LXBS1193	LXBS1193S001	4/27/2010	0.0-1.0	LOX-1B-2	--	--	--	--	--	--	22.7	21.5	--	--	--	--	--	--	--	--	--	5.79	
LXWC0012	LXWC0012S001	10/12/2010	1.3-1.8	LOX-1B-2	<0.87	4	63	0.42 J	<0.2	20	5.3	7.4	4.9	<0.012	0.86 J	13	<0.99	<0.79	2.9 J	31	34 B	--	
LXWC0013	LXWC0013S001	10/12/2010	1.1-1.6	LOX-1B-2	<0.87	5.7	75	0.53	<0.2	24	5.6	8.3	4.9	<0.012	0.71 J	16	<0.99	<0.79	1 J	36	37 B	--	
LXWC0014	LXWC0014S001	10/12/2010	1.3-1.8	LOX-1B-2	<0.87	5.7	88	0.57	<0.2	25	6.6	9.8	6.2	<0.012	0.64 J	18	<0.99	<0.79	1.2 J	37	42 B	--	
LXWC0015	LXWC0015S001	10/12/2010	0.3-0.8	LOX-1B-2	<0.87	5.1	85	0.54	<0.2	27	6.1	9.6	6.4	<0.012	1.2 J	19	<0.99	<0.79	1.5 J	38	39 B	--	
LXWC0016	LXWC0016S001	10/12/2010	0.8-1.3	LOX-1B-2	<0.88	4.7	77	0.47 J	<0.2	24	5.6	9.2	5.1	0.17	2	17	<1	<0.8	1.1 J	34	40 B	--	
LXWC0017	LXWC0017S001	10/12/2010	0.0-0.4	LOX-1B-2	<0.88	5.8	92	0.39 J	<0.2	25	5.2	8.4	4.6	<0.012	0.65 J	18	<1	<0.8	1.7 J	39	43 B	--	
LXWC0018	LXWC0018S001	10/11/2010	0.7-1.2	LOX-1B-2	<0.87	6.6	69	0.55	<0.2	19	5.4	7.3	4.9	<0.012	0.51 J	12	<0.99	<0.79	0.92 J	33	44 B	--	
LXWC0019	LXWC0019S001	10/11/2010	0.0-0.3	LOX-1B-2	1.5 J	5.4	89	0.52	<0.2	25	6.2	15	11	<0.012	1.9 J	17	<0.99	<0.79	2 J	37	52 B	--	
LXBS0039	LXBS0039S01	12/19/2006	4.5-5.5	--	<1.1 J	5.7	91	0.75	0.1	24	7.7	11 J	6.9	<0.0088	0.8	16	<0.22	0.067	0.28	41	51	--	
LXBS1036	LXBS1036S001	4/1/2009	0.0-0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.769	
LXBS1075	LXBS1075S001	8/26/2009	0.0-0.5	--	--	--	--	--	--	--	10.3	7.71	--	--	--	--	--	--	--	--	--	--	
LXBS1075	LXBS1075S001SP	8/26/2009	0.0-0.5	--	--	--	--	--	--	--	13.4	10.6	--	--	--	--	--	--	--	--	--	--	
LXBS13	RJ985	2/14/2001	0.5-1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS13	RJ332	5/1/2001	4.5-5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS13	RJ986	2/14/2001	4.5-5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS14	RJ287	4/24/2001	0.5-1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS14	RJ288	4/24/2001	4.5-5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS23	MJ823	7/26/2006	5.0-5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXBS24	MJ825	7/26/2006	5.0-5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LXTS01	LXTS01S01	5/14/2001	1.0-1.5	--	<0.11 J	15.7	60.1	0.57	0.48	16.4	4.4	4.7	7.5	<0.01 J	<0.55	9.6	<2.3	<3.8	<1.5 J	21.4	42.8	--	

TABLE E-11.1
LOX-1B-2 PRE-EXCAVATION SAMPLE RESULTS - PHASE III ISRA IMPLEMENTATION
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

		Group		VOCs
		Preferred		Trichloroethene
		Result Value Units		ug/kg
		Background		--
		ISRA SRG		--
		CMS		--
		Lowest Characterization RBSL		2.2
		RBSL Type		RES
Object Name	Sample Name	Collection Date	Sample Depth (feet bgs)	RESULTS
LXBS1194	LXBS1194S001	4/27/2010	0.0-1.0	--
LXBS1006	LXBS1006S01	6/10/2008	0.5-1.0	<0.95
LXBS1006	LXBS1006S02	6/10/2008	5.5-6.0	<0.984
LXBS1051	LXBS1051S001	4/2/2009	0.0-0.3	--
LXBS1059	LXBS1059S001	6/16/2009	0.0-0.0	--
LXBS1074	LXBS1074S001	8/25/2009	0.0-0.5	--
LXBS1074	LXBS1074AS001	6/27/2013	0.5-1.0	--
LXBS1123	LXBS1123S001	4/27/2010	0.0-1.0	--
LXBS1124	LXBS1124S001	4/27/2010	0.0-1.0	--
LXBS1125	LXBS1125S001	4/27/2010	0.0-1.0	--
LXBS1126	LXBS1126S001	4/27/2010	0.0-1.0	--
LXBS1127	LXBS1127S001	4/27/2010	0.0-1.0	--
LXBS1128	LXBS1128S001	4/27/2010	0.0-1.0	--
LXBS1188	LXBS1188S001	4/27/2010	0.0-1.0	--
LXBS1189	LXBS1189S001	4/27/2010	0.0-1.0	--
LXBS1190	LXBS1190S001	4/27/2010	0.0-1.0	--
LXBS1191	LXBS1191S001	4/27/2010	0.0-1.0	--
LXBS1192	LXBS1192S001	4/27/2010	0.0-1.0	--
LXBS1193	LXBS1193S001	4/27/2010	0.0-1.0	--
LXWC0012	LXWC0012S001	10/12/2010	1.3-1.8	<0.5
LXWC0013	LXWC0013S001	10/12/2010	1.1-1.6	<0.5
LXWC0014	LXWC0014S001	10/12/2010	1.3-1.8	<0.5
LXWC0015	LXWC0015S001	10/12/2010	0.3-0.8	<0.49
LXWC0016	LXWC0016S001	10/12/2010	0.8-1.3	<0.5
LXWC0017	LXWC0017S001	10/12/2010	0.0-0.4	<0.5
LXWC0018	LXWC0018S001	10/11/2010	0.7-1.2	<0.5
LXWC0019	LXWC0019S001	10/11/2010	0.0-0.3	<0.5
LXBS0039	LXBS0039S01	12/19/2006	4.5-5.5	--
LXBS1036	LXBS1036S001	4/1/2009	0.0-0.3	--
LXBS1075	LXBS1075S001	8/26/2009	0.0-0.5	--
LXBS1075	LXBS1075S001SP	8/26/2009	0.0-0.5	--
LXBS13	RJ985	2/14/2001	0.5-1.0	560
LXBS13	RJ332	5/1/2001	4.5-5.0	6,900 J
LXBS13	RJ986	2/14/2001	4.5-5.0	4,400
LXBS14	RJ287	4/24/2001	0.5-1.0	20 J
LXBS14	RJ288	4/24/2001	4.5-5.0	36 J
LXBS23	MJ823	7/26/2006	5.0-5.5	0.37 J
LXBS24	MJ825	7/26/2006	5.0-5.5	38
LXTS01	LXTS01S01	5/14/2001	1.0-1.5	--