ARCADIS

Table 2. Summary of Confirmation Analytical Results - Category II Stockpile
Former ASARCO Smelter Site - El Paso, Texas

Location ID	Sample Date	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Zinc mg/kg
TRRP C/I PCL		310	320	120000	760	75000	2600	94000	--	1600	20	4500	8600	4900	2300	250000
A1a-I10	2/28/2014	0.535 J	12.4	162	1.83	3.45	3.87	61.4	4660	41.3	0.0927 J	2.07	4.46	1.07	< 0.103 U	123
A1a-J10	2/12/2014	0.467 J	6.96	201	0.472	3.44	2.79	44.1	4060	9.16	0.201	0.947 J	4.25	1.39	0.494	31.9
A1a-J11	1/29/2014	3.07	102	318	14.7	6.17	19.5	759	16200	482	1.95 JH	16.4	9.69	7.66	2.92	1490
A1a-J9	2/12/2014	1.28 J	35.6	155	6.29	3.62	6.35	153	6600	199	0.0473 J	3.89	5.27	2.93	0.860	323
A1a-K12	1/29/2014	0.693 J	29.3	155	3.15	6.02	12.5	216	12800	82.5	0.130 JH	12.9	8.37	6.30	< 0.0961 U	507
A1a-M14	12/11/2013	0.234 J	15.8	40.4 JL	0.204 J	2.69	2.55	4.25 JH	2530 JH	5.90 JH	< 0.0102 U	3.61	4.03	0.740 J	< 0.0946 U	10.3 JH
A1a-N12P	1/17/2014	1.57 J	29.9	152 JL	2.72	3.79	6.10	112 JH	4770 JH	64.8 JH	0.391 JH	44.6	5.01	4.74	0.242 J	225 JH
A1a-N13	11/7/2013	1.39 J	26.3	68.0 JL	4.78	3.26	13.2	165 JH	5830 JH	71.2 JH	0.329 JH	13.0	6.68	2.91	0.282 J	364 JH
A1a-N14P	1/17/2014	0.716 J	16.7	183 JL	5.07	2.89	25.0	182 JH	8240 JH	57.2 JH	0.172 JH	33.1	4.40	5.41	< 0.116 U	1060 JH
A1a-N15	2/12/2014	< 0.253 U	7.80	110	1.30	4.98	6.66	68.0	7550	21.0	0.0252 J	9.36	6.26	2.94	< 0.104 U	186
A1a-O12P	1/15/2014	5.98	115	220 JL	19.1	5.08	31.4	1100 JH	20300 JH	410 JH	2.22 JH	55.7	11.0	9.60	2.42	2200 JH
A1a-O13	1/29/2014	1.68	170	481	32.3	9.53	54.8	2190	43600	656	1.21 JH	141	20.9	20.9	1.34	4110
A1a-O14	1/29/2014	3.68	241	257	42.4	7.33	28.0	2250	32100	1340	1.21 JH	95.7	21.9	8.84	5.91	3580
A1a-O15	2/3/2014	0.353 J	12.0	164	2.09	6.57	6.11	79.9	10900	40.2	0.0566 J	8.09	7.05	1.40	< 0.0873 U	237
A1a-P12	2/3/2014	< 0.262 U	13.8	151	0.822	6.90	4.60	30.9	9680	15.6	0.0215 J	5.14	8.13	1.36	< 0.108 U	47.0
A1a-P13	2/3/2014	< 0.260 U	8.24	91.7	0.568	6.82	4.76	21.4	11200	13.3	< 0.0111 U	0.745 J	7.30	0.216 J	< 0.107 U	34.3
A1a-P14	2/3/2014	< 0.229 U	7.85	147	0.778	6.09	5.58	31.1	9800	14.4	< 0.0109 U	3.77	6.72	0.285 J	< 0.0942 U	102
A1a-P15	2/3/2014	< 0.268 U	10.6	221	0.966	6.12	4.82	28.7	8930	16.5	0.0202 J	1.70 J	8.14	0.424 J	< 0.111 U	57.4
A1-K10	1/29/2014	1.60 J	81.1	296	11.7	6.63	14.2	554	14000	511	0.732 JH	12.3	9.67	6.62	2.04	1020
A1-K11	1/29/2014	1.22 J	38.7	229	5.66	5.77	12.7	358	14600	170	0.228 JH	16.0	8.16	5.46	0.549	826
A1-K7	11/11/2013	1.27 J	40.1	89.1 JL	38.1	2.26	7.78	572 JH	2380 JH	276 JH	0.320 JH	1.08 J	13.4	1.60	1.45	1550 JH
A1-K8	12/11/2013	0.591 J	10.3	148 JL	5.07	2.68	4.50	64.1 JH	4290 JH	40.7 JH	0.0261 JH	1.41 J	3.55	2.61	0.173 J	241 JH
A1-K9	12/10/2013	0.725 J	7.14	80.9 JL	0.894	2.20	2.43	27.0 JH	2250 JH	24.0 JH	< 0.0101 U	3.04	2.61	0.742 J	< 0.113 U	37.1 JH
A1-L10P	1/15/2014	0.612 J	13.7	59.7 JL	1.43	2.63	2.37	54.0 JH	2300 JH	44.6 JH	0.312 JH	5.88	3.29	3.00	0.152 J	59.3 JH
A1-L11	2/11/2014	0.598 J	15.0	136	1.75	4.42	6.87	84.2	6600	45.5	< 0.0114 U	34.8	5.53	4.35	< 0.0916 U	167
A1-L6	11/11/2013	0.719 J	9.50	56.0 JL	2.21	1.63	1.36	34.9 JH	1800 JH	48.4 JH	0.176 JH	0.615 J	2.21	0.376 J	0.140 J	44.3 JH
A1-L7	1/22/2014	0.479 J	11.4	38.5 JL	2.53	1.19	1.42	36.4 JH	1200 JH	46.5 JH	0.146 JH	0.530 J	1.86	< 0.182 U	0.164 J	45.3 JH
A1-L8	1/22/2014	0.699 J	11.8	92.8 JL	2.25	3.14	2.52	23.9 JH	2890 JH	30.9 JH	0.0342 JH	0.587 J	3.73	1.35	< 0.118 U	36.8 JH
A1-L9	12/10/2013	0.473 J	8.70	59.9 JL	0.728	2.36	2.12	27.7 JH	2360 JH	21.7 JH	0.0198 JH	3.54	2.95	1.92	0.110 J	29.4 JH
A1-M10	1/22/2014	1.30 J	34.1	83.2 JL	4.52	2.86	3.53	140 JH	2800 JH	115 JH	0.929 JH	1.68	4.11	3.84	0.768	135 JH
A1-M7	12/10/2013	0.858 J	12.8	27.0 JL	1.95	1.53	1.68	64.0 JH	1800 JH	72.7 JH	0.0462 JH	0.761 J	1.94 J	0.344 J	0.316 J	57.9 JH
A1-M8	12/10/2013	0.670 J	16.7	75.0 JL	4.31	2.88	3.02	86.1 JH	2730 JH	88.3 JH	0.224 JH	0.726 J	3.62	1.06	0.528	102 JH
A1-M9	1/22/2014	3.54	130	158 JL	21.9	4.63	9.06	497 JH	5550 JH	368 JH	1.37 JH	5.60	6.08	5.89	1.87	823 JH
A1-N10	1/22/2014	4.08	67.1	150 JL	2.77	3.09	3.01	176 JH	2690 JH	104 JH	0.562 JH	2.04	4.52	8.48	1.07	84.2 JH
A1-N11P	1/17/2014	0.362 J	5.96	59.6 JL	0.746	2.73	2.34	20.5 JH	2470 JH	14.0 JH	0.0396 JH	6.65	3.80	4.35	< 0.101 U	22.0 JH
A1-N8	2/3/2014	7.82	117	118	23.2	5.63	6.88	671	10800	652	0.816	18.2	7.60	2.83	3.59	1040
A1-N9	1/22/2014	0.974 J	20.0	41.3 JL	3.39	0.985	4.15	90.8 JH	1640 JH	81.7 JH	0.315 JH	1.90	2.01	0.722 J	0.409 J	135 JH
A1-O10	1/22/2014	1.28 J	36.2	123 JL	4.89	2.37	3.22	118 JH	2520 JH	117 JH	0.304 JH	1.95	3.52	5.12	0.555	138 JH
A1-O11	1/22/2014	3.56	69.7	147 JL	11.2	3.95	4.76	288 JH	3430 JH	330 JH	0.722 JH	6.82	4.48	5.36	5.34	240 JH
A1-O9	1/15/2014	0.793 J	16.3	72.5 JL	2.29	1.59	2.54	56.0 JH	2170 JH	67.3 JH	0.132 JH	1.69 J	2.68	0.614 J	0.266 J	75.9 JH
A1-P10	11/13/2013	1.13 J	20.0	88.9 JL	1.93	1.94	2.37	68.2 JH	2170 JH	50.7 JH	0.928 JH	1.88	2.79	1.02	0.270 J	66.1 JH
A1-P11	11/7/2013	0.341 J	3.51	41.3 JL	0.280 J	0.942	1.18	11.9 JH	962 JH	7.03 JH	< 0.00913 U	1.23 J	1.47 J	0.315 J	< 0.0873 U	10.1 JH
A22-H7	1/27/2014	9.72	59.9	174	12.0	7.89	6.15	352	10900	243	0.681 JL	3.41	6.38	2.34	0.802	370
A22-I7	1/27/2014	5.87	85.2	243	15.2	4.88	4.26	425	6140	291	0.462 JL	1.63 J	6.34	2.13	2.10	187
A22-I8	11/11/2013	2.06	41.0	47.8 JL	6.03	0.950 J	3.46	177 JH	1800 JH	183 JH	0.253 JH	2.27	3.11	1.14	1.14	224 JH
A22-I9	12/5/2013	0.445 J	9.86	37.4 JL	1.75	1.07	2.10	65.4 JH	1180 JH	49.2 JH	0.0318 JH	1.08 J	1.57 J	0.328 J	0.193 J	90.5 JH

ARCADIS

Table 2. Summary of Confirmation Analytical Results - Category II Stockpile
Former ASARCO Smelter Site - El Paso, Texas

Location ID	Sample Date	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Zinc mg/kg
TRRP C/I PCL		310	320	120000	760	75000	2600	94000	--	1600	20	4500	8600	4900	2300	250000
A22-J6	1/15/2014	0.689 J	29.1	84.3 JL	27.1	1.90	1.88	117 JH	1580 JH	174 JH	0.633 JH	0.677 J	3.09	0.819 J	0.782	111 JH
A22-J7	12/10/2013	< 0.254 U	7.54	103 JL	1.56	1.86	2.42	45.5 JH	2020 JH	144 JH	0.0877 JH	0.653 J	2.62	2.35	0.127 J	79.5 JH
A22-J8	1/22/2014	2.51	52.3	89.3 JL	8.72	3.41	4.71	172 JH	3740 JH	172 JH	0.244 JH	3.45	4.34	3.89	0.877	135 JH
A22-K5	1/15/2014	< 0.253 U	1.72 J	12.5 JL	0.287 J	0.631 J	0.893 J	5.79 JH	696 JH	7.08 JH	< 0.0106 U	< 0.118 U	1.13 J	< 0.187 U	< 0.104 U	7.43 JH
A22-K6	11/11/2013	0.548 J	11.7	64.6 JL	3.20	1.83	1.68	54.4 JH	1680 JH	62.0 JH	0.202 JH	0.381 J	2.46	0.409 J	0.278 J	41.7 JH
EPSP-F3	1/24/2014	3.39	28.3	180	6.32	7.16	3.84	99.4	9120	145	0.155 JL	1.36 J	6.24	1.32	0.231 J	114
EPSP-F4	1/24/2014	5.35	17.2	181	3.83	6.42	3.12	87.1	8070	412	0.120 JL	4.23	5.48	0.854 J	1.67	74.5
EPSP-G2	1/24/2014	< 0.272 UB	10.8	134	2.32	5.99	3.46	45.2	8280	60.4	0.0653 JL	0.796 J	5.84	1.42	< 0.112 U	54.1
EPSP-G3	1/24/2014	< 0.223 UB	13.9	122	4.17	5.14	2.75	74.6	6240	113	0.126 JL	0.868 J	4.62	0.894	0.0951 J	74.9
EPSP-G4	1/24/2014	< 0.249 UB	9.11	134	2.22	4.53	2.60	40.5	6190	84.3	0.0942 JL	0.478 J	4.03	0.542 J	< 0.103 U	55.8
EPSP-G5	1/24/2014	1.13 J	7.05	110	1.46	4.45	2.62	31.5	6150	42.1	0.0354 JL	0.431 J	3.98	< 0.180 UB	< 0.0998 U	32.1
EPSP-H2	1/24/2014	< 0.257 UB	12.6	90.3	4.51	4.63	3.10	82.4	6100	89.8	0.235 JL	0.674 J	5.76	0.734 J	< 0.106 U	81.0
EPSP-H3	1/24/2014	3.81	23.9	87.7	8.52	5.13	3.25	211	6660	186	0.631 JL	1.63 J	7.07	1.85	0.576	171
EPSP-H4	1/24/2014	< 0.262 UB	10.9	66.7	3.28	4.00	2.41	64.0	5590	67.5	0.210 JL	0.505 J	3.90	0.525 J	< 0.108 U	62.1
EPSP-H5	1/24/2014	0.448 J	4.17	63.9	0.805	3.52	2.09	15.5	5360	21.8	< 0.0103 UJL	0.310 J	3.01	< 0.179 U	< 0.0993 U	24.1
EPSP-H6	1/24/2014	0.494 J	4.88	75.1	0.887	4.64	2.45	21.3	6590	20.5	0.0163 JL	0.370 J	3.66	< 0.176 UB	< 0.0977 U	24.9
EPSP-H7	1/24/2014	0.709 J	6.23	144	1.35	5.61	2.74	19.4	7030	27.6	0.0790 JL	0.694 J	4.34	< 0.168 UB	< 0.0934 U	29.0
EPSP-H8	1/24/2014	2.79	11.9	196	9.66	6.40	3.59	66.8	7920	352	0.0500 JL	0.534 J	5.67	< 0.177 UB	0.988	190
EPSP-H9	1/27/2014	1.49 J	9.50	193	1.92	6.42	3.28	34.7	8090	50.7	0.163 JL	0.696 J	5.24	0.868 J	< 0.102 U	41.6
EPSP-I2	1/24/2014	11.5	69.0	111	23.8	7.52	5.00	630	8810	797	0.809 JL	5.30	8.86	3.15	3.37	529
EPSP-I3	2/10/2014	1.29 J	9.77	59.7 JH	6.25	3.59	2.19	46.7 JH	4240	73.0 JL	0.182	0.506 J	3.81	< 0.178 UB	0.116 J	51.2
EPSP-I4	1/24/2014	3.80	30.5	87.4	14.8	5.70	3.51	171	7450	203	0.280 JL	1.49 J	6.66	4.58	0.716	154
EPSP-I5	1/24/2014	0.844 J	6.95	35.4	1.89	3.44	1.88	111	5120	36.2	0.0524 JL	0.869 J	3.08	< 0.178 UB	< 0.0988 U	47.7
EPSP-I6	1/24/2014	0.735 J	9.03	72.3	2.02	5.14	3.13	43.2	7600	45.6	0.0818 JL	0.795 J	4.23	< 0.249 UB	< 0.138 U	57.6
EPSP-I7	1/24/2014	0.738 J	6.80	80.8	1.55	3.93	2.28	24.9	5750	33.8	0.0440 JL	0.439 J	3.47	0.897	< 0.0911 U	32.2
EPSP-I8	1/24/2014	1.59 J	9.24	114	1.84	5.01	2.69	32.7	6360	45.9	0.0586 JL	0.691 J	4.19	< 0.192 UB	< 0.106 U	49.0
EPSP-I9	1/27/2014	< 0.251 UB	10.4	159	1.98	5.20	2.87	42.1	6740	50.8	0.180 JL	0.800 J	4.51	0.972	< 0.103 U	53.0
EPSP-J2	1/24/2014	6.98	47.4	129	16.9	6.05	4.07	448	7940	315	0.620 JL	3.87	7.15	2.06	1.93	240
EPSP-J3	2/10/2014	1.24 J	10.3	60.2 JH	2.09	3.76	2.02	34.4 JH	4640	28.1 JL	0.137	1.07 J	3.54	< 0.191 UB	< 0.106 U	41.9
EPSP-J4	2/10/2014	2.18	17.9	90.6 JH	19.6	4.73	2.25	71.8 JH	4970	104 JL	0.366	1.08 J	4.80	1.15	0.279 J	107
EPSP-J5	1/24/2014	13.4	79.1	156	33.6	5.76	4.01	499	8380	601	1.34 JL	4.49	7.81	3.11	3.26	563
EPSP-J6	1/24/2014	2.05	40.0	71.2	3.76	4.75	2.43	73.9	6350	68.2	0.150 JL	0.743 J	4.50	< 0.175 UB	< 0.0975 U	71.7
EPSP-J7	1/24/2014	0.354 J	3.08	54.4	0.638	3.88	2.17	14.2	5560	14.8	0.0176 JL	0.555 J	3.04	< 0.164 U	< 0.0909 U	23.7
EPSP-J8	1/24/2014	2.66	15.8	177	4.15	6.29	3.59	110	8070	91.2	0.117 JL	1.29 J	5.79	< 0.202 UB	< 0.112 U	84.1
EPSP-K3	1/31/2014	30.2	98.7	201	28.2	4.74	4.60	1050	5260	494	0.895	3.69	10.7	8.12	3.30	724
EPSP-K4	1/31/2014	9.05	63.3	297	28.1	3.81	4.97	471	4440	315	0.649	2.27	7.02	2.77	1.28	483
EPSP-K5	1/31/2014	6.92	62.6	243	20.0	3.72	4.47	339	5020	288	1.16	4.39	6.47	3.11	1.84	305
EPSP-K6	1/31/2014	5.40	67.8	223	13.8	3.25	3.63	481	4180	261	0.748	3.20	6.53	2.37	2.08	292
EPSP-K7	1/31/2014	15.1	141	166	31.6	6.21	9.06	1280	11600	715	2.70	16.0	10.6	4.95	4.14	1110
EPSP-L4	1/31/2014	14.7	106	120	34.4	3.89	4.77	2360	4480	862	1.03	4.75	16.8	4.71	5.76	1650
EPSP-L5	1/31/2014	6.21	59.2	178	13.5	3.04	2.96	300	3770	238	0.635	2.34	4.71	2.52	1.23	229
EPSP-L6	1/31/2014	7.14	69.0	342	17.4	3.92	3.50	326	4330	431	0.507	2.57	6.03	4.01	2.35	332
EPSP-L7	1/31/2014	17.1	167	170	53.9	4.76	6.56	1000	6470	1270	3.09	6.83	12.4	7.44	7.23	843
EPSP-L8	1/31/2014	11.0	149	170	29.6	4.52	12.5	799	12700	974	2.76	19.6	8.13	5.87	3.94	1430
EPSP-M11	1/31/2014	1.29 J	11.5	155	1.05	5.25	3.81	144	6270	33.9	0.0906 J	4.48	6.20	2.58	< 0.113 U	78.5
EPSP-M5	1/31/2014	2.89	33.0	182	8.12	2.98	2.59	131	3420	157	0.307	1.57 J	4.28	1.99	0.591	142

ARCADIS

Table 2. Summary of Confirmation Analytical Results - Category II Stockpile
Former ASARCO Smelter Site - El Paso, Texas

Location ID	Sample Date	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Zinc mg/kg
TRRP C/I PCL		310	320	120000	760	75000	2600	94000	--	1600	20	4500	8600	4900	2300	250000
EPSP-M6	1/31/2014	12.9	123	156	35.7	5.27	6.05	843	6000	957	0.128	7.00	9.19	8.74	5.47	783
EPSP-M7	1/31/2014	12.9	157	132	46.0	4.89	6.42	914	6530	1260	1.41	7.86	10.0	8.60	6.59	917
EPSP-M8	1/31/2014	9.52	110	159	24.9	4.49	5.68	598	6350	723	1.13	8.67	7.00	4.75	3.32	761
EPSP-M9	1/31/2014	9.35	96.9	161	20.1	4.41	8.27	673	8060	794	1.42	11.0	7.84	3.80	3.75	932
EPSP-N10	2/3/2014	6.28	99.9	156	20.9	8.53	12.1	1110	18800	739	0.943	39.0	11.2	3.19	3.12	1220
EPSP-N5	1/31/2014	3.70	65.8	117	11.7	4.19	2.94	349	4550	399	0.273	2.08	4.57	2.12	1.38	347
EPSP-N6	1/31/2014	5.94	49.8	129	10.1	3.49	3.59	230	4470	244	0.267	2.32	6.05	1.57	1.32	253
EPSP-N7	1/28/2014	2.54	60.5	151	13.5	5.14	5.02	340	6500	381	0.358 JH	5.71	6.66	2.31	1.95	402
EPSP-N8	1/28/2014	3.56	73.9	159	16.2	6.05	10.0	727	12000	520	0.538 JH	25.5	9.20	1.69	2.26	1050
EPSP-N9	2/3/2014	7.34	153	211	57.9	9.73	15.6	1920	25000	1590	2.26	46.7	17.0	4.83	8.61	2730
EPSP-O10	2/3/2014	2.60	42.3	127	11.1	6.16	8.01	554	13200	304	0.397	17.3	8.58	1.29	1.50	980
EPSP-O6	1/28/2014	3.34	52.8	208	13.2	5.49	8.44	568	10200	343	0.205 JH	22.2	8.73	1.55	1.74	769
EPSP-O7	1/28/2014	5.80	108	237	25.2	7.66	18.2	1380	18500	831	0.552 JH	52.7	13.2	3.46	4.67	1870
EPSP-O8	1/28/2014	4.21	70.9	189	15.8	7.00	12.0	739	10800	431	0.463 JH	28.2	11.1	1.98	3.01	911
EPSP-O9	2/3/2014	1.43 J	21.0	103	3.04	5.20	5.52	270	9700	114	0.101 J	10.3	6.46	0.763 J	0.102 J	490

Notes:

TRRP = Texas Risk Reduction Program
PCL = Protective Concentration Level
C/I = Direct Contact with Commercial/Industrial Soil
mg/Kg = milligrams per kilogram
"--" = Not applicable
< = Analyte not detected above listed sample detection limit
J = The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
JH = The analyte was positively identified; however, the associated numerical value is an estimated concentration only. The sample result is biased high in sample.
JL = The analyte was positively identified; however, the associated numerical value is an estimated concentration only. The sample result is biased low in sample.
U = The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
UB = Analyte considered non-detect at the listed value due to associated blank contamination.
UJL = The analyte was not detected above the reported sample detection limit. However, the reported limit is approximate and may or may not represent the actual limit of detection. The sample result is biased low in sample.