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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:35
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-001
Client Sample ID: TSABerm-385-01

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	28.0	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 20 Sieve, Retained	72.0	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 40 Sieve, Passed	20.4	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 40 Sieve, Retained	79.6	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 60 Sieve, Passed	16.3	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 60 Sieve, Retained	83.7	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 100 Sieve, Passed	12.4	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 100 Sieve, Retained	87.6	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 140 Sieve, Passed	9.4	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 140 Sieve, Retained	90.6	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 200 Sieve, Passed	7.0	%		1.0		ASA15-2	07/12/04 09:30 / lmh
No. 200 Sieve, Retained	93.0	%		1.0		ASA15-2	07/12/04 09:30 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	22	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Sand	17	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Silt	61	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/21/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.0	g/cc		0.1		E1109	07/14/04 10:15 / lmh
Moisture	3.3	%		0.1		USDA26	07/12/04 10:00 / lmh
METALS - TOTAL							
Aluminum	29400	mg/kg-dry		2.5		SW6010B	07/27/04 13:33 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/21/04 20:27 / bws
Arsenic	14.9	mg/kg-dry	D	0.86		SW6020	07/21/04 20:27 / bws
Barium	93.2	mg/kg-dry		0.50		SW6020	07/21/04 20:27 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 12:03 / bws
Boron	62.2	mg/kg-dry		5.0		SW6010B	07/23/04 14:58 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/21/04 20:27 / bws
Calcium	3350	mg/kg-dry		10		SW6010B	07/23/04 16:02 / ts
Chromium	9.89	mg/kg-dry		0.50		SW6020	07/21/04 20:27 / bws
Cobalt	10.7	mg/kg-dry		0.50		SW6020	07/21/04 20:27 / bws
Copper	2730	mg/kg-dry	D	1.4		SW6020	07/27/04 12:26 / bws
Iron	6820	mg/kg-dry		0.30		SW6010B	07/23/04 16:02 / ts
Lead	8.62	mg/kg-dry		0.50		SW6020	07/21/04 20:27 / bws
Magnesium	2730	mg/kg-dry		10		SW6010B	07/23/04 16:02 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:35
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-001
Client Sample ID: TSABerm-385-01

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	1.3	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	2.3	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	0.2	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	ND	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238	2.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	0.2	pCi/g-dry				E907.0	08/09/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:20
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-002
Client Sample ID: TSABerm-396-02

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	27.8	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 20 Sieve, Retained	72.2	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 40 Sieve, Passed	20.8	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 40 Sieve, Retained	79.2	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 60 Sieve, Passed	16.9	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 60 Sieve, Retained	83.1	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 100 Sieve, Passed	13.1	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 100 Sieve, Retained	86.9	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 140 Sieve, Passed	10	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 140 Sieve, Retained	90.0	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 200 Sieve, Passed	7.6	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 200 Sieve, Retained	92.4	%		1.0		ASA15-2	07/13/04 08:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	18	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Sand	16	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Silt	66	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/21/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.5	g/cc		0.1		E1109	07/14/04 10:15 / lmh
Moisture	2.5	%		0.1		USDA26	07/13/04 11:00 / lmh
METALS - TOTAL							
Aluminum	26700	mg/kg-dry		2.5		SW6010B	07/27/04 13:36 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/21/04 20:34 / bws
Arsenic	16.6	mg/kg-dry	D	0.86		SW6020	07/21/04 20:34 / bws
Barium	114	mg/kg-dry		0.50		SW6020	07/21/04 20:34 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 12:10 / bws
Boron	60.1	mg/kg-dry		5.0		SW6010B	07/23/04 15:07 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/21/04 20:34 / bws
Calcium	2860	mg/kg-dry		10		SW6010B	07/23/04 16:05 / ts
Chromium	12.3	mg/kg-dry		0.50		SW6020	07/21/04 20:34 / bws
Cobalt	6.75	mg/kg-dry		0.50		SW6020	07/21/04 20:34 / bws
Copper	2040	mg/kg-dry	D	1.4		SW6020	07/27/04 12:33 / bws
Iron	6130	mg/kg-dry		0.30		SW6010B	07/23/04 16:05 / ts
Lead	12.4	mg/kg-dry		0.50		SW6020	07/21/04 20:34 / bws
Magnesium	2670	mg/kg-dry		10		SW6010B	07/23/04 16:05 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:20
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-002
Client Sample ID: TSABerm-396-02

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
METALS - TOTAL						
Manganese	80.7	mg/kg-dry		0.50	SW6020	07/21/04 20:34 / bws
Mercury	1.4	mg/kg-dry		0.1	SW7471A	07/19/04 13:12 / sml
Molybdenum	5.50	mg/kg-dry		0.50	SW6020	07/21/04 20:34 / bws
Nickel	11.6	mg/kg-dry	D	0.93	SW6020	07/27/04 12:10 / bws
Potassium	2910	mg/kg-dry		50	SW6010B	07/23/04 15:07 / ts
Selenium	4.2	mg/kg-dry	D	2.9	SW6020	07/21/04 20:34 / bws
Silver	ND	mg/kg-dry	D	0.63	SW6020	07/27/04 12:10 / bws
Sodium	230	mg/kg-dry		50	SW6010B	07/23/04 15:07 / ts
Thallium	ND	mg/kg-dry		0.50	SW6020	07/21/04 20:34 / bws
Vanadium	53.8	mg/kg-dry		0.50	SW6020	07/21/04 20:34 / bws
Zinc	45.5	mg/kg-dry		0.50	SW6020	07/27/04 12:10 / bws
RADIONUCLIDES - GAMMA						
Gross Gamma	41.6	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.9	pCi/g-dry			E901.1	07/19/04 16:03 / db
Actinium 228	3.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Bismuth 214	6.3	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Bismuth 214 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 212	10.5	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.5	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 214	6.0	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 214 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Potassium 40	14.8	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	1.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226	6.3	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 228	3.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL						
Thorium 228	2.2	pCi/g-dry		0.1	E907.0	07/27/04 10:30 / ph
Thorium 228 precision (±)	0.3	pCi/g-dry			E907.0	07/27/04 10:30 / ph
Thorium 230	7.0	pCi/g-dry		0.1	E907.0	07/27/04 10:30 / ph
Thorium 230 precision (±)	0.5	pCi/g-dry			E907.0	07/27/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:20
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-002
Client Sample ID: TSABerm-396-02

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	2.0	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	0.3	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	3.1	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	ND	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238	2.4	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph

Report Definitions:
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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-003
Client Sample ID: TSABerm-382-03

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:40
Date Received: 07/06/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	27.2	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 20 Sieve, Retained	72.8	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 40 Sieve, Passed	20.0	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 40 Sieve, Retained	80.0	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 60 Sieve, Passed	16.0	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 60 Sieve, Retained	84.0	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 100 Sieve, Passed	12.1	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 100 Sieve, Retained	87.9	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 140 Sieve, Passed	8.8	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 140 Sieve, Retained	91.2	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 200 Sieve, Passed	6.4	%		1.0		ASA15-2	07/13/04 08:00 / lmh
No. 200 Sieve, Retained	93.6	%		1.0		ASA15-2	07/13/04 08:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	20	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Sand	12	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Silt	68	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/21/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.5	g/cc		0.1		E1109	07/14/04 10:15 / lmh
Moisture	3.2	%		0.1		USDA26	07/13/04 11:00 / lmh
METALS - TOTAL							
Aluminum	32100	mg/kg-dry		2.5		SW6010B	07/27/04 13:39 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Arsenic	15.8	mg/kg-dry	D	0.86		SW6020	07/21/04 21:30 / bws
Barium	115	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/21/04 21:30 / bws
Boron	62.4	mg/kg-dry		5.0		SW6010B	07/23/04 15:10 / ts
Cadmium	ND	mg/kg-dry	D	0.66		SW6020	07/21/04 21:30 / bws
Calcium	1940	mg/kg-dry		10		SW6010B	07/23/04 16:08 / ts
Chromium	12.6	mg/kg-dry	D	0.97		SW6020	07/21/04 21:30 / bws
Cobalt	12.0	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Copper	2050	mg/kg-dry	D	1.4		SW6020	07/27/04 13:29 / bws
Iron	6250	mg/kg-dry		0.30		SW6010B	07/23/04 16:08 / ts
Lead	11.1	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Magnesium	3490	mg/kg-dry		10		SW6010B	07/23/04 16:08 / ts

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-003
Client Sample ID: TSABerm-382-03

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:40
Date Received: 07/06/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	80.8	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Mercury	1.9	mg/kg-dry		0.1		SW7471A	07/19/04 13:15 / sml
Molybdenum	9.39	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Nickel	12.1	mg/kg-dry	D	0.93		SW6020	07/21/04 21:30 / bws
Potassium	1270	mg/kg-dry		50		SW6010B	07/23/04 15:10 / ts
Selenium	4.7	mg/kg-dry	D	2.9		SW6020	07/21/04 21:30 / bws
Silver	ND	mg/kg-dry	D	1.1		SW6020	07/27/04 13:29 / bws
Sodium	552	mg/kg-dry		50		SW6010B	07/23/04 15:10 / ts
Thallium	ND	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Vanadium	52.8	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
Zinc	21.8	mg/kg-dry		0.50		SW6020	07/21/04 21:30 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	34.0	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	3.8	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.4	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	4.6	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Bismuth 214 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 212	10.6	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.5	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	4.8	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 214 precision (±)	0.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Potassium 40	10.1	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	0.9	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226	4.6	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 228	3.8	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.4	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	2.4	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 228 precision (±)	0.3	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Thorium 230	7.5	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 230 precision (±)	0.6	pCi/g-dry				E907.0	07/27/04 10:30 / ph

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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:40
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-003
Client Sample ID: TSABerm-382-03

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	2.2	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	0.3	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	4.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	0.1	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 235 precision (±)	0.03	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 238	3.0	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:25
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-004
Client Sample ID: TSABerm-392-04

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	27.8	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 20 Sieve, Retained	72.2	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 40 Sieve, Passed	20.8	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 40 Sieve, Retained	79.2	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 60 Sieve, Passed	16.9	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 60 Sieve, Retained	83.1	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 100 Sieve, Passed	13.0	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 100 Sieve, Retained	87.0	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 140 Sieve, Passed	9.9	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 140 Sieve, Retained	90.1	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 200 Sieve, Passed	7.6	%		1.0		ASA15-2	07/14/04 11:00 / lmh
No. 200 Sieve, Retained	92.4	%		1.0		ASA15-2	07/14/04 11:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	20	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Sand	14	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Silt	66	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/21/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.0	g/cc		0.1		E1109	07/15/03 10:10 / lmh
Moisture	2.3	%		0.1		USDA26	07/14/04 14:00 / lmh
METALS - TOTAL							
Aluminum	27000	mg/kg-dry		2.5		SW6010B	07/27/04 13:42 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/21/04 21:37 / bws
Arsenic	20.8	mg/kg-dry	D	0.86		SW6020	07/21/04 21:37 / bws
Barium	93.8	mg/kg-dry		0.50		SW6020	07/21/04 21:37 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/21/04 21:37 / bws
Boron	69.2	mg/kg-dry		5.0		SW6010B	07/23/04 15:13 / ts
Cadmium	ND	mg/kg-dry	D	0.66		SW6020	07/21/04 21:37 / bws
Calcium	2750	mg/kg-dry		10		SW6010B	07/23/04 16:11 / ts
Chromium	15.1	mg/kg-dry	D	0.97		SW6020	07/21/04 21:37 / bws
Cobalt	9.82	mg/kg-dry		0.50		SW6020	07/21/04 21:37 / bws
Copper	2070	mg/kg-dry	D	1.4		SW6020	07/27/04 13:36 / bws
Iron	7100	mg/kg-dry		0.30		SW6010B	07/23/04 16:11 / ts
Lead	13.0	mg/kg-dry		0.50		SW6020	07/21/04 21:37 / bws
Magnesium	2740	mg/kg-dry		10		SW6010B	07/23/04 16:11 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:25
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-004
Client Sample ID: TSABerm-392-04

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
METALS - TOTAL						
Manganese	71.7	mg/kg-dry		0.50	SW6020	07/21/04 21:37 / bws
Mercury	0.8	mg/kg-dry		0.1	SW7471A	07/19/04 13:19 / sml
Molybdenum	9.84	mg/kg-dry		0.50	SW6020	07/21/04 21:37 / bws
Nickel	10.7	mg/kg-dry	D	0.93	SW6020	07/21/04 21:37 / bws
Potassium	2280	mg/kg-dry		50	SW6010B	07/23/04 15:13 / ts
Selenium	5.4	mg/kg-dry	D	2.9	SW6020	07/21/04 21:37 / bws
Silver	ND	mg/kg-dry	D	1.6	SW6020	07/27/04 13:36 / bws
Sodium	260	mg/kg-dry		50	SW6010B	07/23/04 15:13 / ts
Thallium	ND	mg/kg-dry		0.50	SW6020	07/21/04 21:37 / bws
Vanadium	46.5	mg/kg-dry		0.50	SW6020	07/21/04 21:37 / bws
Zinc	30.3	mg/kg-dry		0.50	SW6020	07/21/04 21:37 / bws
RADIONUCLIDES - GAMMA						
Gross Gamma	54.5	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.9	pCi/g-dry			E901.1	07/19/04 16:03 / db
Actinium 228	5.4	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Bismuth 214	5.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Bismuth 214 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 212	20.1	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.7	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 214	6.6	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 214 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Potassium 40	16.5	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	1.1	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226	5.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 228	5.4	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL						
Thorium 228	4.2	pCi/g-dry		0.1	E907.0	07/27/04 10:30 / ph
Thorium 228 precision (±)	0.4	pCi/g-dry			E907.0	07/27/04 10:30 / ph
Thorium 230	16	pCi/g-dry		0.1	E907.0	07/27/04 10:30 / ph
Thorium 230 precision (±)	0.8	pCi/g-dry			E907.0	07/27/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:25
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-004
Client Sample ID: TSABerm-392-04

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	3.6	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	0.4	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	4.3	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	0.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 235 precision (±)	0.03	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 238	3.3	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-005
Client Sample ID: TSABerm-361-05

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:15
Date Received: 07/06/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	45.7	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 20 Sieve, Retained	54.3	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 40 Sieve, Passed	31.7	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 40 Sieve, Retained	68.3	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 60 Sieve, Passed	23.6	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 60 Sieve, Retained	76.4	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 100 Sieve, Passed	15.6	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 100 Sieve, Retained	84.4	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 140 Sieve, Passed	9.4	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 140 Sieve, Retained	90.6	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 200 Sieve, Passed	6.7	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 200 Sieve, Retained	93.3	%		1.0		ASA15-2	07/21/04 11:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	10	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Sand	18	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Silt	72	%		1.0		ASA15-5	07/21/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/21/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.0	g/cc		0.1		E1109	07/15/03 10:10 / lmh
Moisture	4.3	%		0.1		USDA26	07/14/04 14:00 / lmh
METALS - TOTAL							
Aluminum	27900	mg/kg-dry		2.5		SW6010B	07/27/04 13:48 / ts
Antimony	0.85	mg/kg-dry		0.50		SW6020	07/21/04 21:44 / bws
Arsenic	66.4	mg/kg-dry	D	2.1		SW6020	07/27/04 13:43 / bws
Barium	125	mg/kg-dry		0.50		SW6020	07/21/04 21:44 / bws
Beryllium	1.6	mg/kg-dry	D	1.6		SW6020	07/27/04 13:43 / bws
Boron	163	mg/kg-dry		5.0		SW6010B	07/27/04 13:45 / ts
Cadmium	0.84	mg/kg-dry	D	0.66		SW6020	07/21/04 21:44 / bws
Calcium	6540	mg/kg-dry		50		SW6010B	07/27/04 13:45 / ts
Chromium	70.7	mg/kg-dry	D	1.2		SW6020	07/27/04 13:43 / bws
Cobalt	18.6	mg/kg-dry	D	0.73		SW6020	07/27/04 13:43 / bws
Copper	5180	mg/kg-dry	D	1.5		SW6020	07/27/04 13:43 / bws
Iron	72800	mg/kg-dry		2.5		SW6010B	07/27/04 13:45 / ts
Lead	25.2	mg/kg-dry		0.50		SW6020	07/21/04 21:44 / bws
Magnesium	13200	mg/kg-dry		50		SW6010B	07/27/04 13:45 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:15
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-005
Client Sample ID: TSABerm-361-05

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	215	mg/kg-dry	D	0.96		SW6020	07/27/04 13:43 / bws
Mercury	0.3	mg/kg-dry		0.1		SW7471A	07/19/04 13:21 / sml
Molybdenum	35.9	mg/kg-dry		0.50		SW6020	07/21/04 21:44 / bws
Nickel	20.2	mg/kg-dry	D	2.3		SW6020	07/27/04 13:43 / bws
Potassium	4870	mg/kg-dry		50		SW6010B	07/27/04 13:45 / ts
Selenium	ND	mg/kg-dry	D	7.4		SW6020	07/27/04 13:43 / bws
Silver	ND	mg/kg-dry	D	1.6		SW6020	07/27/04 13:43 / bws
Sodium	1600	mg/kg-dry		50		SW6010B	07/27/04 13:45 / ts
Thallium	ND	mg/kg-dry		0.50		SW6020	07/21/04 21:44 / bws
Vanadium	35.3	mg/kg-dry	D	0.88		SW6020	07/27/04 13:43 / bws
Zinc	50.7	mg/kg-dry		0.50		SW6020	07/27/04 13:43 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	262	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	16.7	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	37.8	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	1.1	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	8.7	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Bismuth 214 precision (±)	0.6	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 212	35.1	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.7	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	9.4	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 214 precision (±)	0.7	pCi/g-dry				E901.1	07/19/04 16:03 / db
Potassium 40	32.1	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	2.0	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	42.6	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224 precision (±)	3.1	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 226	8.7	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226 precision (±)	0.6	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 228	37.8	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	1.1	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	36	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 228 precision (±)	2.0	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Thorium 230	202	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 230 precision (±)	4.7	pCi/g-dry				E907.0	07/27/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:15
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-005
Client Sample ID: TSABerm-361-05

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	40	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	2.1	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	59	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	1.8	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	2.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 235 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 238	55	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	1.7	pCi/g-dry				E907.0	08/09/04 10:30 / ph

Report Definitions:
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QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-006
Client Sample ID: TSABerm-380-06

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:45
Date Received: 07/06/04
Matrix: Soil

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE						
No. 20 Sieve, Passed	25.5	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 20 Sieve, Retained	74.5	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 40 Sieve, Passed	18.6	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 40 Sieve, Retained	81.4	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 60 Sieve, Passed	15.1	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 60 Sieve, Retained	84.9	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 100 Sieve, Passed	11.5	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 100 Sieve, Retained	88.5	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 140 Sieve, Passed	7.7	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 140 Sieve, Retained	92.3	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 200 Sieve, Passed	5.8	%		1.0	ASA15-2	07/21/04 11:00 / lmh
No. 200 Sieve, Retained	94.2	%		1.0	ASA15-2	07/21/04 11:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE						
Clay	19	%		1.0	ASA15-5	07/27/04 08:00 / lmh
Sand	12	%		1.0	ASA15-5	07/27/04 08:00 / lmh
Silt	69	%		1.0	ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0	ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES						
Density	2.5	g/cc		0.1	E1109	07/22/04 10:00 / lmh
Moisture	1.7	%		0.1	USDA26	07/21/04 13:45 / lmh
METALS - TOTAL						
Aluminum	25600	mg/kg-dry		2.5	SW6010B	07/27/04 13:54 / ts
Antimony	ND	mg/kg-dry	D	1.2	SW6020	07/27/04 14:46 / bws
Arsenic	17.0	mg/kg-dry	D	2.1	SW6020	07/27/04 14:46 / bws
Barium	103	mg/kg-dry	D	1.0	SW6020	07/27/04 14:46 / bws
Beryllium	ND	mg/kg-dry	D	1.6	SW6020	07/27/04 14:46 / bws
Boron	59.4	mg/kg-dry		5.0	SW6010B	07/27/04 13:51 / ts
Cadmium	ND	mg/kg-dry	D	1.7	SW6020	07/27/04 14:46 / bws
Calcium	8080	mg/kg-dry		50	SW6010B	07/27/04 13:51 / ts
Chromium	12.6	mg/kg-dry	D	1.2	SW6020	07/27/04 14:46 / bws
Cobalt	10.7	mg/kg-dry	D	0.73	SW6020	07/27/04 14:46 / bws
Copper	1560	mg/kg-dry	D	1.4	SW6020	07/27/04 14:46 / bws
Iron	28000	mg/kg-dry		2.5	SW6010B	07/27/04 13:51 / ts
Lead	10.2	mg/kg-dry		0.50	SW6020	07/27/04 14:46 / bws
Magnesium	13000	mg/kg-dry		50	SW6010B	07/27/04 13:51 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:45
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-006
Client Sample ID: TSABerm-380-06

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	72.9	mg/kg-dry	D	0.96		SW6020	07/27/04 14:46 / bws
Mercury	1.2	mg/kg-dry		0.1		SW7471A	07/22/04 12:21 / sml
Molybdenum	9.0	mg/kg-dry	D	1.2		SW6020	07/27/04 14:46 / bws
Nickel	11.3	mg/kg-dry	D	2.3		SW6020	07/27/04 14:46 / bws
Potassium	1490	mg/kg-dry		50		SW6010B	07/27/04 13:51 / ts
Selenium	ND	mg/kg-dry	D	7.4		SW6020	07/27/04 14:46 / bws
Silver	ND	mg/kg-dry	D	1.1		SW6020	07/27/04 14:46 / bws
Sodium	208	mg/kg-dry		50		SW6010B	07/27/04 13:51 / ts
Thallium	ND	mg/kg-dry	D	0.92		SW6020	07/27/04 14:46 / bws
Vanadium	48.6	mg/kg-dry	D	0.88		SW6020	07/27/04 14:46 / bws
Zinc	18.6	mg/kg-dry		0.50		SW6020	07/27/04 14:46 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	35.7	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	4.3	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	4.5	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Bismuth 214 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 212	12.2	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.5	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	5.0	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 214 precision (±)	0.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Potassium 40	9.6	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	0.9	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226	4.5	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 228	4.3	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	2.6	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 228 precision (±)	0.3	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Thorium 230	9.8	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	07/27/04 10:30 / ph

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ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-006
Client Sample ID: TSABerm-380-06

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:45
Date Received: 07/06/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	2.3	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	3.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	0.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 235 precision (±)	0.07	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 238	3.2	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph

Report Definitions:
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ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-007
Client Sample ID: TSABerm-389-07

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:30
Date Received: 07/06/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	24.4	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 20 Sieve, Retained	75.6	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 40 Sieve, Passed	17.7	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 40 Sieve, Retained	82.3	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 60 Sieve, Passed	14.2	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 60 Sieve, Retained	85.8	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 100 Sieve, Passed	10.5	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 100 Sieve, Retained	89.5	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 140 Sieve, Passed	7.1	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 140 Sieve, Retained	92.9	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 200 Sieve, Passed	5.7	%		1.0		ASA15-2	07/21/04 11:00 / lmh
No. 200 Sieve, Retained	94.3	%		1.0		ASA15-2	07/21/04 11:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	19	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	15	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	66	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.5	g/cc		0.1		E1109	07/22/04 10:00 / lmh
Moisture	1.9	%		0.1		USDA26	07/21/04 13:45 / lmh
METALS - TOTAL							
Aluminum	25900	mg/kg-dry		2.5		SW6010B	07/27/04 14:00 / ts
Antimony	ND	mg/kg-dry	D	1.2		SW6020	07/27/04 14:53 / bws
Arsenic	15.9	mg/kg-dry	D	2.1		SW6020	07/27/04 14:53 / bws
Barium	103	mg/kg-dry	D	1.0		SW6020	07/27/04 14:53 / bws
Beryllium	ND	mg/kg-dry	D	1.6		SW6020	07/27/04 14:53 / bws
Boron	59.2	mg/kg-dry		5.0		SW6010B	07/27/04 13:57 / ts
Cadmium	ND	mg/kg-dry	D	1.7		SW6020	07/27/04 14:53 / bws
Calcium	8160	mg/kg-dry		50		SW6010B	07/27/04 13:57 / ts
Chromium	11.1	mg/kg-dry	D	1.2		SW6020	07/27/04 14:53 / bws
Cobalt	11.5	mg/kg-dry	D	0.73		SW6020	07/27/04 14:53 / bws
Copper	2130	mg/kg-dry	D	1.4		SW6020	07/27/04 14:53 / bws
Iron	28200	mg/kg-dry		2.5		SW6010B	07/27/04 13:57 / ts
Lead	10.1	mg/kg-dry		0.50		SW6020	07/27/04 14:53 / bws
Magnesium	13000	mg/kg-dry		50		SW6010B	07/27/04 13:57 / ts

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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:30
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-007
Client Sample ID: TSABerm-389-07

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
METALS - TOTAL						
Manganese	75.4	mg/kg-dry	D	0.96	SW6020	07/27/04 14:53 / bws
Mercury	1.2	mg/kg-dry		0.1	SW7471A	07/22/04 12:27 / sml
Molybdenum	8.5	mg/kg-dry	D	1.2	SW6020	07/27/04 14:53 / bws
Nickel	11.3	mg/kg-dry	D	2.3	SW6020	07/27/04 14:53 / bws
Potassium	1500	mg/kg-dry		50	SW6010B	07/27/04 13:57 / ts
Selenium	ND	mg/kg-dry	D	7.4	SW6020	07/27/04 14:53 / bws
Silver	ND	mg/kg-dry	D	1.6	SW6020	07/27/04 14:53 / bws
Sodium	205	mg/kg-dry		50	SW6010B	07/27/04 13:57 / ts
Thallium	ND	mg/kg-dry	D	0.92	SW6020	07/27/04 14:53 / bws
Vanadium	47.4	mg/kg-dry	D	0.88	SW6020	07/27/04 14:53 / bws
Zinc	21.9	mg/kg-dry		0.50	SW6020	07/27/04 14:53 / bws
RADIONUCLIDES - GAMMA						
Gross Gamma	34.5	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.5	pCi/g-dry			E901.1	07/19/04 16:03 / db
Actinium 228	2.7	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.2	pCi/g-dry			E901.1	07/19/04 16:03 / db
Bismuth 214	5.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Bismuth 214 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 212	9.7	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.5	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 214	6.4	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 214 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Potassium 40	9.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	0.9	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226	5.9	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226 precision (±)	0.4	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 228	2.7	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.2	pCi/g-dry			E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL						
Thorium 228	2.1	pCi/g-dry		0.1	E907.0	07/27/04 10:30 / ph
Thorium 228 precision (±)	0.2	pCi/g-dry			E907.0	07/27/04 10:30 / ph
Thorium 230	7.4	pCi/g-dry		0.1	E907.0	07/27/04 10:30 / ph
Thorium 230 precision (±)	0.4	pCi/g-dry			E907.0	07/27/04 10:30 / ph

Report Definitions:
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/16/04
Collection Date: 06/24/04 15:30
Date Received: 07/06/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070247-007
Client Sample ID: TSABerm-389-07

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 232	1.7	pCi/g-dry		0.1		E907.0	07/27/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry				E907.0	07/27/04 10:30 / ph
Uranium 234	2.1	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 234 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 235	0.1	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 235 precision (±)	0.08	pCi/g-dry				E907.0	08/09/04 10:30 / ph
Uranium 238	1.9	pCi/g-dry		0.1		E907.0	08/09/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/09/04 10:30 / ph

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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Date: *31-Aug-04*

CLIENT: SRK Consulting
Project: Yerington Dust Study
Sample Delivery Group: C04070247

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

REVISED REPORT
Revised report to include Radium 223 on all samples.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-cs - Energy Laboratories, Inc. - College Station, TX
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by NELAC. Some client specific reporting requirements may not require NELAC reporting protocol. NELAC Certification Number E87641.

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.

CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 040721A-PSA-Texture-S

Sample ID: **MBLK1_040721A**	SampType: **MBLK**	TestCode: **PSA-TEXTURE-S**	Units: **%**	Prep Date:	Run ID: **PSA_040721A**
Client ID:	Batch ID: **040721A-PSA**	TestNo: **ASA15-5**		Analysis Date: **7/21/2004**	SeqNo: **779820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Clay	ND	1	0	0				0	0		
Sand	ND	1	0	0				0	0		
Silt	ND	1	0	0				0	0		

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R - RPD outside accepted recovery limits
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A - Analyte concentration greater than three times the spike amount

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5935

Sample ID: C04070247-005B MS	SampType: MS	TestCode: CVAA-HG-7471-S	Units: mg/kg-dry	Prep Date: 7/15/2004	Run ID: CVAA-C201_040719A
Client ID: TSABerm-361-05	Batch ID: 5935	TestNo: SW7471A		Analysis Date: 7/19/2004	SeqNo: 775750

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.8	0.050	1.517	0.318	97.5	85	115	0	0		

Sample ID: C04070247-005B MS	SampType: MSD	TestCode: CVAA-HG-7471-S	Units: mg/kg-dry	Prep Date: 7/15/2004	Run ID: CVAA-C201_040719A
Client ID: TSABerm-361-05	Batch ID: 5935	TestNo: SW7471A		Analysis Date: 7/19/2004	SeqNo: 775751

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.8	0.050	1.469	0.318	103	85	115	1.797	1.8	30	

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 6015

Sample ID: MB-6015	SampType: MBLK	TestCode: CVAA-HG-7471-S	Units: mg/kg-dry	Prep Date: 7/22/2004	Run ID: CVAA-C201_040722A
Client ID:	Batch ID: 6015	TestNo: SW7471A		Analysis Date: 7/22/2004	SeqNo: 780815

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.01	0	0				0	0		

Sample ID: LCS-6015	SampType: LCS	TestCode: CVAA-HG-7471-S	Units: mg/kg-dry	Prep Date: 7/22/2004	Run ID: CVAA-C201_040722A
Client ID:	Batch ID: 6015	TestNo: SW7471A		Analysis Date: 7/22/2004	SeqNo: 780821

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.53	0.050	0.5	0	105	90	110	0	0		

Sample ID: C04070247-006B MS	SampType: MS	TestCode: CVAA-HG-7471-S	Units: mg/kg-dry	Prep Date: 7/22/2004	Run ID: CVAA-C201_040722A
Client ID: TSABerm-380-06	Batch ID: 6015	TestNo: SW7471A		Analysis Date: 7/22/2004	SeqNo: 780819

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	3.7	0.050	2.843	1.233	88.4	85	115	0	0		

Sample ID: C04070247-006B MS	SampType: MSD	TestCode: CVAA-HG-7471-S	Units: mg/kg-dry	Prep Date: 7/22/2004	Run ID: CVAA-C201_040722A
Client ID: TSABerm-380-06	Batch ID: 6015	TestNo: SW7471A		Analysis Date: 7/22/2004	SeqNo: 780820

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	3.7	0.050	2.847	1.233	85.7	85	115	3.747	2.0	30	

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Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: MB-5974	SampType: MBLK	TestCode: ICP-6010-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICP1-C_040723A
Client ID:	Batch ID: 5974	TestNo: SW6010B		Analysis Date: 7/23/2004	SeqNo: 782744

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.03	0.00006	0	0				0	0		
Boron	0.0002	0.0001	0	0				0	0		
Calcium	0.02	0.001	0	0				0	0		
Iron	0.07	0.00009	0	0				0	0		
Magnesium	0.02	0.001	0	0				0	0		
Potassium	0.03	0.001	0	0				0	0		
Sodium	ND	0.001	0	0				0	0		

Sample ID: LCS-5974	SampType: LCS	TestCode: ICP-6010-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICP1-C_040723A
Client ID:	Batch ID: 5974	TestNo: SW6010B		Analysis Date: 7/23/2004	SeqNo: 782745

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.498	5.0	0.5	0	99.7	90	110	0	0		
Boron	0.494	5.0	0.5	0	98.7	90	110	0	0		
Iron	0.507	1.5	0.5	0	101	90	110	0	0		

Sample ID: C04070247-001BMS	SampType: MS	TestCode: ICP-6010-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICP1-C_040723A
Client ID: TSABerm-385-01	Batch ID: 5974	TestNo: SW6010B		Analysis Date: 7/23/2004	SeqNo: 782739

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	84.0	5.0	25	62.2	87.4	75	125	0	0		

Sample ID: C04070247-001BMS	SampType: MSD	TestCode: ICP-6010-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICP1-C_040723A
Client ID: TSABerm-385-01	Batch ID: 5974	TestNo: SW6010B		Analysis Date: 7/23/2004	SeqNo: 782740

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	82.3	5.0	25	62.2	80.4	75	125	84.05	2.1	20	

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Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: MB-5974	SampType: MBLK	TestCode: ICPMS-6020-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICPMS1-C_040721C
Client ID:	Batch ID: 5974	TestNo: SW6020		Analysis Date: 7/21/2004	SeqNo: 780306

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0009	0	0				0	0		
Arsenic	ND	0.002	0	0				0	0		
Barium	ND	0.0008	0	0				0	0		
Beryllium	ND	0.001	0	0				0	0		
Cadmium	ND	0.001	0	0				0	0		
Chromium	0.003	0.0009	0	0				0	0		
Cobalt	ND	0.0006	0	0				0	0		
Copper	ND	0.001	0	0				0	0		
Lead	ND	0.0004	0	0				0	0		
Manganese	ND	0.0008	0	0				0	0		
Molybdenum	ND	0.001	0	0				0	0		
Nickel	ND	0.002	0	0				0	0		
Selenium	ND	0.006	0	0				0	0		
Silver	ND	0.0008	0	0				0	0		
Thallium	ND	0.0007	0	0				0	0		
Vanadium	ND	0.0007	0	0				0	0		
Zinc	0.001	0.00001	0	0				0	0		

Sample ID: MB-5974	SampType: MBLK	TestCode: ICPMS-6020-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICPMS1-C_040727A
Client ID:	Batch ID: 5974	TestNo: SW6020		Analysis Date: 7/27/2004	SeqNo: 785429

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0009	0	0				0	0		
Arsenic	ND	0.002	0	0				0	0		
Barium	ND	0.0008	0	0				0	0		
Beryllium	ND	0.001	0	0				0	0		
Cadmium	ND	0.001	0	0				0	0		
Chromium	0.003	0.0009	0	0				0	0		

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: **MB-5974**	SampType: **MBLK**	TestCode: **ICPMS-6020-S-T**	Units: **mg/kg-dry**	Prep Date: **7/19/2004**	Run ID: **ICPMS1-C_040727A**
Client ID:	Batch ID: **5974**	TestNo: **SW6020**		Analysis Date: **7/27/2004**	SeqNo: **785429**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cobalt	ND	0.0006	0	0				0	0		
Copper	ND	0.001	0	0				0	0		
Lead	ND	0.0004	0	0				0	0		
Manganese	ND	0.0008	0	0				0	0		
Molybdenum	ND	0.001	0	0				0	0		
Nickel	ND	0.002	0	0				0	0		
Selenium	ND	0.006	0	0				0	0		
Silver	ND	0.0008	0	0				0	0		
Thallium	ND	0.0007	0	0				0	0		
Vanadium	ND	0.0007	0	0				0	0		
Zinc	0.001	0.00001	0	0				0	0		

Sample ID: **LCS1-5974**	SampType: **LCS1**	TestCode: **ICPMS-6020-S-T**	Units: **mg/kg-dry**	Prep Date: **7/19/2004**	Run ID: **ICPMS1-C_040721C**
Client ID:	Batch ID: **5974**	TestNo: **SW6020**		Analysis Date: **7/21/2004**	SeqNo: **780311**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.0198	0.50	0.02	0	98.8	75	125	0	0		
Barium	0.0182	0.50	0.02	0	90.8	75	125	0	0		
Beryllium	0.0174	0.50	0.02	0	87.1	75	125	0	0		
Cadmium	0.0164	0.50	0.02	0	82.2	75	125	0	0		
Chromium	0.0211	0.50	0.02	0.00318	89.6	75	125	0	0		
Cobalt	0.0198	0.50	0.02	0	99.2	75	125	0	0		
Copper	0.0206	0.50	0.02	0	103	75	125	0	0		
Lead	0.0184	0.50	0.02	0	91.8	75	125	0	0		
Manganese	0.0197	0.50	0.02	0	98.3	75	125	0	0		
Molybdenum	0.0207	0.50	0.02	0	103	75	125	0	0		
Nickel	0.0220	0.50	0.02	0	110	75	125	0	0		
Silver	0.0224	0.50	0.02	0	112	75	125	0	0		

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: LCS1-5974	SampType: LCS1	TestCode: ICPMS-6020-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICPMS1-C_040721C
Client ID:	Batch ID: 5974	TestNo: SW6020		Analysis Date: 7/21/2004	SeqNo: 780311

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	0.0178	0.50	0.02	0	89.2	75	125	0	0		
Vanadium	0.0195	0.50	0.02	0	97.5	75	125	0	0		
Zinc	0.0184	0.50	0.02	0.00129	85.4	75	125	0	0		

Sample ID: LCS1-5974	SampType: LCS1	TestCode: ICPMS-6020-S-T	Units: mg/kg-dry	Prep Date: 7/19/2004	Run ID: ICPMS1-C_040727A
Client ID:	Batch ID: 5974	TestNo: SW6020		Analysis Date: 7/27/2004	SeqNo: 785430

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.0205	0.50	0.02	0	103	75	125	0	0		
Arsenic	0.0167	0.50	0.02	0	83.3	75	125	0	0		
Barium	0.0194	0.50	0.02	0	97.2	75	125	0	0		
Beryllium	0.0192	0.50	0.02	0	95.8	75	125	0	0		
Cadmium	0.0185	0.50	0.02	0	92.7	75	125	0	0		
Chromium	0.0218	0.50	0.02	0.00334	92.4	75	125	0	0		
Cobalt	0.0210	0.50	0.02	0	105	75	125	0	0		
Copper	0.0213	0.50	0.02	0	106	75	125	0	0		
Lead	0.0197	0.50	0.02	0	98.4	75	125	0	0		
Manganese	0.0203	0.50	0.02	0	102	75	125	0	0		
Molybdenum	0.0214	0.50	0.02	0	107	75	125	0	0		
Nickel	0.0211	0.50	0.02	0	106	75	125	0	0		
Silver	0.0230	0.50	0.02	0	115	75	125	0	0		
Thallium	0.0193	0.50	0.02	0	96.6	75	125	0	0		
Vanadium	0.0202	0.50	0.02	0	101	75	125	0	0		
Zinc	0.0186	0.50	0.02	0.00138	86.2	75	125	0	0		

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Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: **C04070247-002BPM** SampType: **MS** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/19/2004** Run ID: **ICPMS1-C_040721C**
Client ID: **TSABerm-396-02** Batch ID: **5974** TestNo: **SW6020** Analysis Date: **7/21/2004** SeqNo: **780315**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.1	0.50	25	0	108	75	125	0	0		
Arsenic	38.3	0.86	25	16.64	86.5	75	125	0	0		
Barium	143	0.50	25	113.8	118	75	125	0	0		
Cadmium	26.2	0.66	25	0	105	75	125	0	0		
Chromium	37.7	0.50	25	12.28	101	75	125	0	0		
Cobalt	31.5	0.50	25	6.75	98.9	75	125	0	0		
Lead	38.2	0.50	25	12.4	103	75	125	0	0		
Molybdenum	33.5	0.50	25	5.505	112	75	125	0	0		
Selenium	24.1	2.9	25	4.17	79.7	75	125	0	0		
Thallium	26.0	0.50	25	0	104	75	125	0	0		
Vanadium	79.6	0.50	25	53.8	103	75	125	0	0		

Sample ID: **C04070247-002BPM** SampType: **MS** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/19/2004** Run ID: **ICPMS1-C_040727A**
Client ID: **TSABerm-396-02** Batch ID: **5974** TestNo: **SW6020** Analysis Date: **7/27/2004** SeqNo: **785440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	70.3	1.2	62.5	0	113	75	125	0	0		
Arsenic	83.1	2.1	62.5	20.8	99.6	75	125	0	0		
Barium	188	1.0	62.5	118.8	110	75	125	0	0		
Beryllium	62.7	1.6	62.5	0	100	75	125	0	0		
Cadmium	70.2	1.7	62.5	0	112	75	125	0	0		
Chromium	80.9	1.2	62.5	13.38	108	75	125	0	0		
Cobalt	76.0	0.73	62.5	7.825	109	75	125	0	0		
Lead	79.3	0.50	62.5	13.7	105	75	125	0	0		
Manganese	158	0.96	62.5	90.51	107	75	125	0	0		
Molybdenum	81.0	1.2	62.5	5.575	121	75	125	0	0		
Nickel	73.0	2.3	62.5	12.46	96.8	75	125	0	0		
Selenium	67.7	7.4	62.5	0	108	75	125	0	0		

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ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: **C04070247-002BPM** SampType: **MS** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/19/2004** Run ID: **ICPMS1-C_040727A**
Client ID: **TSABerm-396-02** Batch ID: **5974** TestNo: **SW6020** Analysis Date: **7/27/2004** SeqNo: **785440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	64.4	0.92	62.5	0	103	75	125	0	0		
Vanadium	127	0.88	62.5	59.59	107	75	125	0	0		
Zinc	112	0.50	62.5	51.61	96.4	75	125	0	0		

Sample ID: **C04070247-002BPM** SampType: **MSD** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/19/2004** Run ID: **ICPMS1-C_040721C**
Client ID: **TSABerm-396-02** Batch ID: **5974** TestNo: **SW6020** Analysis Date: **7/21/2004** SeqNo: **780316**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.0	0.50	25	0	108	75	125	27.08	0.3	20	
Arsenic	37.9	0.86	25	16.64	84.9	75	125	38.26	1.0	20	
Barium	141	0.50	25	113.8	109	75	125	143.2	1.5	20	
Cadmium	25.9	0.66	25	0	104	75	125	26.17	1.1	20	
Chromium	37.8	0.50	25	12.28	102	75	125	37.66	0.3	20	
Cobalt	31.3	0.50	25	6.75	98.3	75	125	31.47	0.4	20	
Lead	38.0	0.50	25	12.4	103	75	125	38.22	0.5	20	
Manganese	106	0.50	25	80.7	99.6	75	125	0	200	20	
Molybdenum	32.6	0.50	25	5.505	108	75	125	33.47	2.7	20	
Selenium	23.6	2.9	25	4.17	77.6	75	125	24.1	2.2	20	
Thallium	25.9	0.50	25	0	104	75	125	25.98	0.4	20	
Vanadium	79.0	0.50	25	53.8	101	75	125	79.6	0.7	20	

Sample ID: **C04070247-002BPM** SampType: **MSD** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/19/2004** Run ID: **ICPMS1-C_040727A**
Client ID: **TSABerm-396-02** Batch ID: **5974** TestNo: **SW6020** Analysis Date: **7/27/2004** SeqNo: **785441**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	70.0	1.2	62.5	0	112	75	125	70.33	0.5	20	
Arsenic	84.3	2.1	62.5	20.8	102	75	125	83.08	1.4	20	
Barium	187	1.0	62.5	118.8	109	75	125	187.8	0.4	20	

Qualifiers:
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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 5974

Sample ID: **C04070247-002BPM** SampType: **MSD** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/19/2004** Run ID: **ICPMS1-C_040727A**
Client ID: **TSABerm-396-02** Batch ID: **5974** TestNo: **SW6020** Analysis Date: **7/27/2004** SeqNo: **785441**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	60.8	1.6	62.5	0	97.3	75	125	62.65	3.0	20	
Cadmium	69.5	1.7	62.5	0	111	75	125	70.21	1.0	20	
Chromium	79.1	1.2	62.5	13.38	105	75	125	80.94	2.3	20	
Cobalt	73.5	0.73	62.5	7.825	105	75	125	75.98	3.3	20	
Lead	78.8	0.50	62.5	13.7	104	75	125	79.32	0.6	20	
Manganese	156	0.96	62.5	90.51	104	75	125	157.6	1.2	20	
Molybdenum	80.0	1.2	62.5	5.575	119	75	125	81	1.2	20	
Nickel	72.3	2.3	62.5	12.46	95.7	75	125	72.98	1.0	20	
Selenium	68.0	7.4	62.5	0	109	75	125	67.72	0.4	20	
Thallium	63.8	0.92	62.5	0	102	75	125	64.45	1.1	20	
Vanadium	124	0.88	62.5	59.59	103	75	125	126.6	2.0	20	
Zinc	112	0.50	62.5	51.61	96.5	75	125	111.9	0	20	

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Track# C04070247

CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 6003

Sample ID: MB-6003	SampType: MBLK	TestCode: ICP-6010-S-SOL	Units: mg/kg-dry	Prep Date: 7/21/2004	Run ID: ICP1-C_040723A
Client ID:	Batch ID: 6003	TestNo: SW6010B		Analysis Date: 7/23/2004	SeqNo: 782727

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.003	0	0				0	0		
Boron	ND	0.006	0	0				0	0		
Calcium	0.5	0.06	0	0				0	0		
Iron	0.03	0.004	0	0				0	0		
Magnesium	0.2	0.05	0	0				0	0		
Sodium	6	0.06	0	0				0	0		

Sample ID: C04070617-005ADU	SampType: DUP	TestCode: ICP-6010-S-SOL	Units: mg/kg-dry	Prep Date: 7/21/2004	Run ID: ICP1-C_040723A
Client ID:	Batch ID: 6003	TestNo: SW6010B		Analysis Date: 7/23/2004	SeqNo: 782734

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	214	1.0	0	0				225.9	5.2	0	
Boron	1.18	1.0	0	0				1.212	2.9	20	
Calcium	88.0	10	0	0				83.9	4.8	20	
Iron	158	0.30	0	0				168.1	6.1	20	
Magnesium	66.9	10	0	0				70.2	4.8	20	
Sodium	100	10	0	0				100.3	0	20	

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 6030

Sample ID: MB-6030	SampType: MBLK	TestCode: ICP-6010-S-T	Units: mg/kg-dry	Prep Date: 7/26/2004	Run ID: ICP2-C_040727A
Client ID:	Batch ID: 6030	TestNo: SW6010B		Analysis Date: 7/27/2004	SeqNo: 786295

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.006	0.00006	0	0				0	0		
Boron	0.02	0.001	0	0				0	0		
Calcium	0.05	0.002	0	0				0	0		
Iron	0.004	0.0001	0	0				0	0		
Magnesium	0.1	0.002	0	0				0	0		
Potassium	0.2	0.002	0	0				0	0		
Sodium	1	0.002	0	0				0	0		

Sample ID: LCS-6030	SampType: LCS	TestCode: ICP-6010-S-T	Units: mg/kg-dry	Prep Date: 7/26/2004	Run ID: ICP2-C_040727A
Client ID:	Batch ID: 6030	TestNo: SW6010B		Analysis Date: 7/27/2004	SeqNo: 786296

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.485	5.0	0.5	0.0056	95.9	90	110	0	0		
Iron	0.498	1.5	0.5	0.0038	98.9	90	110	0	0		

Sample ID: MB-6030	SampType: MBLK	TestCode: ICPMS-6020-S-T	Units: mg/kg-dry	Prep Date: 7/26/2004	Run ID: ICPMS1-C_040727A
Client ID:	Batch ID: 6030	TestNo: SW6020		Analysis Date: 7/27/2004	SeqNo: 785447

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0009	0	0				0	0		
Arsenic	ND	0.002	0	0				0	0		
Barium	ND	0.0008	0	0				0	0		
Beryllium	ND	0.001	0	0				0	0		
Cadmium	ND	0.001	0	0				0	0		
Chromium	0.001	0.0009	0	0				0	0		
Cobalt	ND	0.0006	0	0				0	0		
Copper	ND	0.001	0	0				0	0		
Lead	ND	0.0004	0	0				0	0		

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 6030

Sample ID: **MB-6030**	SampType: **MBLK**	TestCode: **ICPMS-6020-S-T**	Units: **mg/kg-dry**	Prep Date: **7/26/2004**	Run ID: **ICPMS1-C_040727A**
Client ID:	Batch ID: **6030**	TestNo: **SW6020**		Analysis Date: **7/27/2004**	SeqNo: **785447**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	ND	0.0008	0	0				0	0		
Molybdenum	ND	0.001	0	0				0	0		
Nickel	ND	0.002	0	0				0	0		
Selenium	ND	0.006	0	0				0	0		
Silver	ND	0.0008	0	0				0	0		
Thallium	ND	0.0007	0	0				0	0		
Vanadium	ND	0.0007	0	0				0	0		
Zinc	0.002	0.00001	0	0				0	0		

Sample ID: **C04070423-007BPM**	SampType: **MS**	TestCode: **ICPMS-6020-S-T**	Units: **mg/kg-dry**	Prep Date: **7/26/2004**	Run ID: **ICPMS1-C_040727B**
Client ID:	Batch ID: **6030**	TestNo: **SW6020**		Analysis Date: **7/27/2004**	SeqNo: **786022**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.8	0.50	25	0	111	75	125	0	0		
Barium	43.2	0.50	25	23.67	78	75	125	0	0		
Beryllium	25.0	0.65	25	0.72	97.1	75	125	0	0		
Cadmium	27.2	0.66	25	0	109	75	125	0	0		
Chromium	34.4	0.50	25	10.05	97.5	75	125	0	0		
Cobalt	41.9	0.50	25	18.4	94.1	75	125	0	0		
Lead	28.1	0.50	25	2.505	102	75	125	0	0		
Molybdenum	34.2	0.50	25	6.84	109	75	125	0	0		
Silver	9.26	0.50	10	0	92.6	75	125	0	0		
Thallium	27.0	0.50	25	1.985	100	75	125	0	0		
Vanadium	35.2	0.50	25	11.65	94.3	75	125	0	0		

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Track# C04070247

CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: 6030

Sample ID: **C04070423-007BPM** SampType: **MSD** TestCode: **ICPMS-6020-S-T** Units: **mg/kg-dry** Prep Date: **7/26/2004** Run ID: **ICPMS1-C_040727B**
Client ID: Batch ID: **6030** TestNo: **SW6020** Analysis Date: **7/27/2004** SeqNo: **786023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.6	0.50	25	0	110	75	125	27.82	0.8	20	
Barium	48.0	0.50	25	23.67	97.2	75	125	43.16	11	20	
Beryllium	24.4	0.65	25	0.72	94.7	75	125	25	2.5	20	
Cadmium	26.9	0.66	25	0	107	75	125	27.22	1.3	20	
Chromium	36.3	0.50	25	10.05	105	75	125	34.42	5.4	20	
Cobalt	45.4	0.50	25	18.4	108	75	125	41.92	8.0	20	
Lead	28.6	0.50	25	2.505	104	75	125	28.09	1.7	20	
Molybdenum	35.7	0.50	25	6.84	116	75	125	34.16	4.5	20	
Silver	9.85	0.50	10	0	98.5	75	125	9.265	6.1	20	
Thallium	27.5	0.50	25	1.985	102	75	125	27	1.7	20	
Vanadium	37.8	0.50	25	11.65	104	75	125	35.22	6.9	20	

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *17-Aug-04*

BatchID: R37627

Sample ID: MB-R37627	SampType: MBLK	TestCode: RAD-G-GAMMA-S	Units: pCi/g-dry	Prep Date:				Run ID: GAMMA EGG-ORTEC_0		
Client ID:	Batch ID: R37627	TestNo: E901.1		Analysis Date: 7/19/2004				SeqNo: 789604		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gross Gamma	ND	1	0	0				0	0		

Sample ID: LCS-R37627	SampType: LCS	TestCode: RAD-G-GAMMA-S	Units: pCi/g-dry	Prep Date:				Run ID: GAMMA EGG-ORTEC_0		
Client ID:	Batch ID: R37627	TestNo: E901.1		Analysis Date: 7/19/2004				SeqNo: 789603		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gross Gamma	280000	2.0	310700	0	90.1	70	130	0	0		

Sample ID: C04070423-010ADU	SampType: DUP	TestCode: RAD-G-GAMMA-S	Units: pCi/g-dry	Prep Date:				Run ID: GAMMA EGG-ORTEC_0		
Client ID:	Batch ID: R37627	TestNo: E901.1		Analysis Date: 7/19/2004				SeqNo: 787149		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gross Gamma	6.60	2.0	0	0				7.8	17	30	

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Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: **R38240**

Sample ID: **MB-R38240**	SampType: **MBLK**	TestCode: **RAD-TH-ISO-S**	Units: **pCi/g-dry**	Prep Date:	Run ID: **EGG-ORTEC_040727A**
Client ID:	Batch ID: **R38240**	TestNo: **E907.0**		Analysis Date: **7/27/2004**	SeqNo: **796440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thorium 228	ND	0.01	0	0				0	0		
Thorium 230	ND	0.01	0	0				0	0		
Thorium 232	0.1	0.01	0	0				0	0		

Sample ID: **LCS-R38240**	SampType: **LCS**	TestCode: **RAD-TH-ISO-S**	Units: **pCi/g-dry**	Prep Date:	Run ID: **EGG-ORTEC_040727A**
Client ID:	Batch ID: **R38240**	TestNo: **E907.0**		Analysis Date: **7/27/2004**	SeqNo: **796441**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thorium 228	5.70	0.20	5.6	0	102	70	130	0	0		

Sample ID: **C04070221-059AMS**	SampType: **MS**	TestCode: **RAD-TH-ISO-S**	Units: **pCi/g-dry**	Prep Date:	Run ID: **EGG-ORTEC_040727A**
Client ID:	Batch ID: **R38240**	TestNo: **E907.0**		Analysis Date: **7/27/2004**	SeqNo: **796459**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thorium 228	1.46	0.20	1.6	0.225	76.9	70	130	0	0		

Sample ID: **C04070221-059AMS**	SampType: **DUP**	TestCode: **RAD-TH-ISO-S**	Units: **pCi/g-dry**	Prep Date:	Run ID: **EGG-ORTEC_040727A**
Client ID:	Batch ID: **R38240**	TestNo: **E907.0**		Analysis Date: **7/27/2004**	SeqNo: **796460**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thorium 228	1.68	0.20	0	0		70	130	1.455	14	30	

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CLIENT: SRK Consulting
Work Order: C04070247
Project: Yerington Dust Study

ANALYTICAL QC SUMMARY REPORT

Date: *16-Aug-04*

BatchID: **R38613**

Sample ID: **MB-R38613**	SampType: **MBLK**	TestCode: **RAD-U-ISO-S**	Units: **pCi/g-dry**	Prep Date:	Run ID: **EGG-ORTEC_040809A**
Client ID:	Batch ID: **R38613**	TestNo: **E907.0**		Analysis Date: **8/9/2004**	SeqNo: **807073**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium 234	0.2	0.01	0	0				0	0		
Uranium 235	0.2	0.01	0	0				0	0		
Uranium 238	0.2	0.01	0	0				0	0		

Sample ID: **LCS-R38613**	SampType: **LCS**	TestCode: **RAD-U-ISO-S**	Units: **pCi/g-dry**	Prep Date:	Run ID: **EGG-ORTEC_040809A**
Client ID:	Batch ID: **R38613**	TestNo: **E907.0**		Analysis Date: **8/9/2004**	SeqNo: **807074**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium 238	24.6	0.010	25.1	0.2	97.2	70	130	0	0		

Sample ID: **C04071219-002AMS**	SampType: **MS**	TestCode: **RAD-U-ISO-W-T**	Units: **pCi/L**	Prep Date:	Run ID: **EGG-ORTEC_040809A**
Client ID:	Batch ID: **R38613**	TestNo: **E907.0**		Analysis Date: **8/9/2004**	SeqNo: **807101**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium 238	81.5	0.20	83.5	2.1	95.1	70	130	0	0		

Sample ID: **C04071219-002AMS**	SampType: **DUP**	TestCode: **RAD-U-ISO-W-T**	Units: **pCi/L**	Prep Date:	Run ID: **EGG-ORTEC_040809A**
Client ID:	Batch ID: **R38613**	TestNo: **E907.0**		Analysis Date: **8/9/2004**	SeqNo: **807102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium 238	89.8	0.20	0	0				81.5	9.7	30	
Uranium 238 precision (±)	6.20		0	0				5.1	19	0	

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Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: SRK Consulting	Project Name, PWS #, Permit #, Etc.: Yerington Dust Study		
Report Mail Address: Rod Grebb, SRK Consulting, 1901d Town Square, Suite 238, Fort Collins, CO, 80524	Contact Name, Phone, Fax, E-mail: Rod Grebb, 970-407-8302, rgrebb@srk.com	Sampler Name if other than Contact: Joe Sawyer	
Invoice Address: Same	Invoice Contact & Phone #: Same	Purchase Order #: 113922.1000	ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Receipt Temp _____ ° C

Cooler ID(s) _____

Custody Seal Y N

Intact Y N

Signature Match Y N

Lab ID

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	Number of Containers / Sample Type: A W S V B O / Air Water Soils/Solids Vegetation Bioassay Other / MATRIX	ANALYSIS REQUESTED	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:
1	TSABerm-385-01	6/24/04	1535	1-S		X	X		1 Bag
2	TSABerm 396-02	"	1520	1-S		X	X		1 Bag
3	TSABerm 382-03	"	1540	1-S		X	X		1 Bag
4									
5									

LABORATORY USE ONLY

Trip Blank @ 4.8°C

Custody Record MUST be Signed

Relinquished by:	Date/Time: 6/25/04 8am	Shipped by: UPS	Received by:	Date/Time: 7/6/04 1000
Relinquished by:	Date/Time:	Shipped by:	Received by:	Date/Time:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

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Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: SRK Consulting	Project Name, PWS #, Permit #, Etc.: Yermoton Dust Study
Report Mail Address: Rod Grebb, SRK Consulting, 19 Old Town Square, Suite 238, Fort Collins, CO, 80524	Contact Name, Phone, Fax, E-mail: Rod Grebb, 970-407-8302, rgrebb@srk.com Sampler Name if other than Contact: Joe Sawyer
Invoice Address: Same	Invoice Contact & Phone #: Same Purchase Order #: 113922,1000 ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

Number of Containers
Sample Type: A Air W Water S Soils/Solids V Vegetation B Bioassay O Other

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Receipt Temp _____ ° C

Cooler ID(s) _____

Custody Seal Y N

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Lab ID
1	TSABerm 392-04	6/24/04	1525	1-S	X	X		1 Bag	
2	TSABerm 361-05	"	1515	1-S	X	X		1 Bag	
3	TSABerm 380-06	"	1545	1-S	X	X		1 Bag	
4	TSABerm 389-07	"	1530	1-S	X	X		1 Bag	
5									
6									
7									
8									
9									
10									

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by:	Date/Time: 6/25/04 8am	Shipped by: UPS	Received by: Date/Time:
Relinquished by:	Date/Time:	Shipped by:	Received by: Date/Time: 7/6/04 1000

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

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SRK Consulting
Engineers and Scientists

Steffen Robertson and Kirsten (U.S.) Inc.
19 Old Town Square, Suite 238
Fort Collins, CO
USA
80524

email: rgrebb@srk.com
URL: http://www.srk.com
Tel: 970.407.8302
Fax: 990.407.8319

TECHNICAL MEMORANDUM

TO: SRK Consulting

ATTENTION: Rod Grebb

FROM: Joe Sawyer

DATE: June 25, 2004

SUBJECT: **Tailings Study Area Berms Sample Analysis**

PROJ/PROP NO. **113922.100**

The following are the laboratory sample preparation and analysis methods for the Tailings Study Area Berm samples.

For each of the following seven individual samples an analysis will be completed on the minus 200-mesh fraction only.

The laboratory will save a split of each individual sample for possible future analysis.

The following samples will be analyzed individually
TSABerm-385-01
TSABerm-396-02
TSABerm-382-03
TSABerm-392-04
TSABerm-361-05
TSABerm-380-06
TSABerm-389-07

The minus 200-mesh fraction for the individual samples will be analyzed according to the attached table.

Tailings Study Area Berms Analysis Summary

Table 1 – Analyte List		
Analyte	Method	Reporting Limit
Aluminum	SW-846 6010A	2.5 mg/kg
Antimony	SW-846 6020	0.01 mg/kg
Arsenic	SW-846 6020	0.01 mg/kg
Barium	SW-846 6020	0.5 mg/kg
Beryllium	SW-846 6010A	0.1 mg/kg
Boron	SW-846 6010A	0.5 mg/kg
Cadmium	SW-846 6020	0.1 mg/kg
Calcium	SW-846 6010A	1 meq/l
Chromium	SW-846 6020	0.1 mg/kg
Cobalt	SW-846 6020	0.5 mg/kg
Copper	SW-846 6020	0.1 mg/kg
Iron	SW-846 6010A	1.5 mg/kg
Lead	SW-846 6020	0.1 mg/kg
Magnesium	SW-846 6010A	1 meg/l
Manganese	SW-846 6020	0.5 mg/kg
Mercury	SW-846 7471	0.005 mg/kg
Molybdenum	SW-846 6020	0.5 mg/kg
Nickel	SW-846 6020	0.5 mg/kg
Potassium	SW-846 6010A	1 meq/l
Selenium	SW-846 6020	0.1 mg/kg
Silver	SW-846 6020	0.5 mg/kg
Sodium	SW-846 6010A	1 meq/l
Thallium	SW-846 6020	0.1 mg/kg
Vanadium	SW-846 6020	0.1 mg/kg
Zinc	SW-846 6020	0.5 mg/kg
Gamma Emitting Radionuclides	EPA 901.1	0.1 piC/g
Alpha Isotopes	EPA 907.0	0.1 piC/g
Particle Size Distribution	ASTM MONO Part 1 Method 14-2.2	0.1%
Particle Size	ASA MONO 9 Part 1 Method 15-5	0.1%
Dry Weight Density	EPA 1109	0.1 g/cc

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Energy Laboratories Inc.

Sample Receipt Checklist

Client Name SRK Consulting

Date and Time Received: 7/6/2004 10:00:00

Work Order Number C04070247

Received by sr

Checklist completed by: Sara J Rieker 7/7/04 (Signature / Date)

Reviewed by _____ (Initials / Date)

Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	NA °C Soil
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments:

Corrective Action _____

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ANALYTICAL SUMMARY REPORT

August 16, 2004

Rod Grebb
SRK Consulting
19 Old Town Sq
Ste 238
Fort Collins, CO 80524

Workorder No.: C04070247

Project Name: Yerington Dust Study

Energy Laboratories Inc. received the following 7 samples from SRK Consulting on 7/6/2004 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C04070247-001	TSABerm-385-01	06/24/04 15:35	07/06/04	Soil	Mercury, Total E1109 Density Metals by ICP, Total Metals by ICP-MS, Total Percent Moisture Digestion, Total Metals Digestion For RadioChemistry CVAA Permanganate Digest Particle Size Analysis / Texture Prep Particle Size Analysis / Texture Gross Gamma Thorium, Isotopic Uranium, Isotopic Sieves
C04070247-002	TSABerm-396-02	06/24/04 15:20	07/06/04	Soil	Same As Above
C04070247-003	TSABerm-382-03	06/24/04 15:40	07/06/04	Soil	Same As Above
C04070247-004	TSABerm-392-04	06/24/04 15:25	07/06/04	Soil	Same As Above
C04070247-005	TSABerm-361-05	06/24/04 15:15	07/06/04	Soil	Same As Above
C04070247-006	TSABerm-380-06	06/24/04 15:45	07/06/04	Soil	Same As Above
C04070247-007	TSABerm-389-07	06/24/04 15:30	07/06/04	Soil	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R. A. Garling
ROGER GARLING
LABORATORY SUPERVISOR

CLIENT: SRK Consulting
Project: Yerington Dust Study
Sample Delivery Group: C04070247

CASE NARRATIVE

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: SRK Consulting	Project Name, PWS #, Permit #, Etc.: Yerneton Dust Study
Report Mail Address: Rod Grebb, SRK Consulting 19 Old Town Square, Suite 238 Fort Collins, CO, 80524	Contact Name, Phone, Fax, E-mail: Rod Grebb 970-407-8302 rgrebb@srk.com
	Sampler Name if other than Contact: Joe Sawyer
Invoice Address: Same	Invoice Contact & Phone #: Same
	Purchase Order #: 113922.1000
	ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐

Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

Number of Containers
Sample Type: A Air W Water S Soils/Solids V Vegetation B Bioassay O Other

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Receipt Temp _____ °C

Cooler ID(s) _____

Custody Seal Y N

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Lab ID
1	TSA Berm-385-01	6/29/04	1535	1-S	X	X		1 Bag	
2	TSA Berm 396-02	"	1520	1-S	X	X		1 Bag	
3	TSA Berm 382-03	"	1540	1-S	X	X		1 Bag	
4									
5									
6									
7									
8									
9									
10									

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by: [signature]	Date/Time: 6/25/04 8am	Shipped by: UPS	Received by: [signature] Date/Time: 7/6/04 1000
Relinquished by:	Date/Time:	Shipped by:	Received by: Date/Time:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

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ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: SRK Consulting

Project Name, PWS #, Permit #, Etc.: Yerington Dust Study

Report Mail Address: Rod Grebb, SRK Consulting, 19 Old Town Square, Suite 238, Fort Collins, CO, 80524

Contact Name, Phone, Fax, E-mail: Rod Grebb, 970-407-8302, rgrebb@srk.com

Sampler Name if other than Contact: Joe Sawyer

Invoice Address: Same

Invoice Contact & Phone #: Same

Purchase Order #: 113922,1000

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other ____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other ____

EDD/EDT ☐ Format ____

Number of Containers
Sample Type: A Air, W Water, S Soils/Solids, V Vegetation, B Bioassay, O Other

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Receipt Temp ____ ° C

Cooler ID(s) ____

Custody Seal Y N

Intact Y N

Signature Match Y N

Lab ID

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	LABORATORY USE ONLY
1	TSA Berm 392-04	6/24/04	1525	1-S	X	X		1 Bag	
2	TSA Berm 361-05	"	1515	1-S	X	X		1 Bag	
3	TSA Berm 380-06	"	1545	1-S	X	X		1 Bag	
4	TSA Berm 389-07	"	1530	1-S	X	X		1 Bag	
5									
6									
7									
8									
9									
10									

Custody Record MUST be Signed

Relinquished by: [signature] Date/Time: 6/25/04 8am

Relinquished by: Date/Time:

Shipped by: UPS

Shipped by:

Received by: [signature] Date/Time: 7/1/04 1000

Received by: Date/Time:

Sample Disposal: Return to client: ____ Lab Disposal: ____

LABORATORY USE ONLY

Sample Type: ____ # of fractions ____

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-001
Client Sample ID: EPSA1-A

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	80.0	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 20 Sieve, Retained	19.2	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 40 Sieve, Passed	47.8	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 40 Sieve, Retained	52.2	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 60 Sieve, Passed	37.4	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 60 Sieve, Retained	62.6	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 100 Sieve, Passed	73.6	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 100 Sieve, Retained	26.4	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 140 Sieve, Passed	78.4	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 140 Sieve, Retained	21.5	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 200 Sieve, Passed	12.5	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 200 Sieve, Retained	87.5	%		1.0		ASA15-2	07/22/04 09:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	12	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	2	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	86	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.5	g/cc		0.1		E1109	07/22/04 10:00 / lmh
Moisture	6.0	%		0.1		USDA26	07/14/04 08:30 / lmh
METALS - TOTAL							
Aluminum	2790	mg/kg-dry		2.5		SW6010B	07/27/04 14:13 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Arsenic	2.75	mg/kg-dry	D	0.86		SW6020	07/27/04 15:00 / bws
Barium	21.8	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 15:00 / bws
Boron	284	mg/kg-dry		5.0		SW6010B	07/27/04 14:13 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Calcium	58000	mg/kg-dry		50		SW6010B	07/27/04 14:13 / ts
Chromium	7.96	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Cobalt	4.18	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Copper	108	mg/kg-dry	D	0.54		SW6020	07/27/04 15:00 / bws
Iron	142000	mg/kg-dry		2.5		SW6010B	07/27/04 14:13 / ts
Lead	2.71	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Magnesium	1560	mg/kg-dry		50		SW6010B	07/27/04 14:13 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-001
Client Sample ID: EPSA1-A

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	93.3	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Mercury	0.1	mg/kg-dry		0.1		SW7471A	07/23/04 12:21 / sml
Molybdenum	9.33	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Nickel	3.32	mg/kg-dry	D	0.93		SW6020	07/27/04 15:00 / bws
Potassium	6200	mg/kg-dry		50		SW6010B	07/27/04 14:13 / ts
Selenium	ND	mg/kg-dry	D	2.9		SW6020	07/27/04 15:00 / bws
Silver	ND	mg/kg-dry	D	0.63		SW6020	07/27/04 15:00 / bws
Sodium	15200	mg/kg-dry		50		SW6010B	07/27/04 14:13 / ts
Thallium	3.35	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Vanadium	13.3	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
Zinc	7.80	mg/kg-dry		0.50		SW6020	07/27/04 15:00 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	25.6	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.4	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	3.2	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212	11.1	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.7	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40	10.4	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	1.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228	3.2	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	1.4	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 228 precision (±)	0.2	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 230	6.1	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 232	1.1	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Uranium 234	3.0	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 234 precision (±)	0.3	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
RL - Analyte reporting limit.
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D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-001
Client Sample ID: EPSA1-A

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Uranium 235	0.1	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 235 precision (±)	0.06	pCi/g-dry				E907.0	08/05/04 10:30 / ph
Uranium 238	2.6	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-002
Client Sample ID: EPSA1-B

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	61.7	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 20 Sieve, Retained	38.3	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 40 Sieve, Passed	41.2	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 40 Sieve, Retained	58.8	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 60 Sieve, Passed	67.1	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 60 Sieve, Retained	32.9	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 100 Sieve, Passed	22.3	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 100 Sieve, Retained	77.7	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 140 Sieve, Passed	17.9	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 140 Sieve, Retained	82.1	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 200 Sieve, Passed	14.5	%		1.0		ASA15-2	07/22/04 09:00 / lmh
No. 200 Sieve, Retained	85.5	%		1.0		ASA15-2	07/22/04 09:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	17	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	2	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	81	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.0	g/cc		0.1		E1109	07/22/04 10:00 / lmh
Moisture	16.4	%		0.1		USDA26	07/14/04 08:30 / lmh
METALS - TOTAL							
Aluminum	5950	mg/kg-dry		2.5		SW6010B	07/27/04 14:19 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Arsenic	2.32	mg/kg-dry	D	0.86		SW6020	07/27/04 15:07 / bws
Barium	20.7	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 15:07 / bws
Boron	289	mg/kg-dry		5.0		SW6010B	07/27/04 14:19 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Calcium	43200	mg/kg-dry		50		SW6010B	07/27/04 14:19 / ts
Chromium	8.67	mg/kg-dry	D	0.97		SW6020	07/27/04 15:07 / bws
Cobalt	31.4	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Copper	664	mg/kg-dry	D	0.54		SW6020	07/27/04 15:07 / bws
Iron	141000	mg/kg-dry		2.5		SW6010B	07/27/04 14:19 / ts
Lead	2.09	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Magnesium	5860	mg/kg-dry		50		SW6010B	07/27/04 14:19 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-002
Client Sample ID: EPSA1-B

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	354	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Mercury	ND	mg/kg-dry		0.1		SW7471A	07/23/04 12:24 / sml
Molybdenum	5.12	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Nickel	11.5	mg/kg-dry	D	0.93		SW6020	07/27/04 15:07 / bws
Potassium	3440	mg/kg-dry		50		SW6010B	07/27/04 14:19 / ts
Selenium	ND	mg/kg-dry	D	2.9		SW6020	07/27/04 15:07 / bws
Silver	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Sodium	16200	mg/kg-dry		50		SW6010B	07/27/04 14:19 / ts
Thallium	2.61	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Vanadium	12.1	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
Zinc	29.7	mg/kg-dry		0.50		SW6020	07/27/04 15:07 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	16.4	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	1.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	3.3	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.4	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212	10.5	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.6	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228	3.3	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.4	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	1.2	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 228 precision (±)	0.2	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 230	4.0	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 232	1.2	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Uranium 234	6.7	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 234 precision (±)	0.5	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-002
Client Sample ID: EPSA1-B

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Uranium 235	0.2	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 235 precision (±)	0.08	pCi/g-dry				E907.0	08/05/04 10:30 / ph
Uranium 238	4.7	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 238 precision (±)	0.4	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-003
Client Sample ID: EPSA1-C

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	61.2	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 20 Sieve, Retained	38.8	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 40 Sieve, Passed	42.0	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 40 Sieve, Retained	58.0	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 60 Sieve, Passed	33.5	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 60 Sieve, Retained	66.5	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 100 Sieve, Passed	24.0	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 100 Sieve, Retained	76.0	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 140 Sieve, Passed	18.0	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 140 Sieve, Retained	82.0	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 200 Sieve, Passed	15.2	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 200 Sieve, Retained	84.8	%		1.0		ASA15-2	07/23/04 12:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	18	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	2	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	80	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.2	g/cc		0.1		E1109	07/23/04 16:00 / lmh
Moisture	23.1	%		0.1		USDA26	07/14/04 08:30 / lmh
METALS - TOTAL							
Aluminum	6760	mg/kg-dry		2.5		SW6010B	07/27/04 14:25 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Arsenic	1.79	mg/kg-dry	D	0.86		SW6020	07/27/04 15:14 / bws
Barium	23.0	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 15:14 / bws
Boron	323	mg/kg-dry		5.0		SW6010B	07/27/04 14:25 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Calcium	41000	mg/kg-dry		50		SW6010B	07/27/04 14:25 / ts
Chromium	10.0	mg/kg-dry	D	0.97		SW6020	07/27/04 15:14 / bws
Cobalt	77.6	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Copper	1290	mg/kg-dry	D	0.54		SW6020	07/27/04 15:14 / bws
Iron	161000	mg/kg-dry		2.5		SW6010B	07/27/04 14:25 / ts
Lead	1.61	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Magnesium	9990	mg/kg-dry		50		SW6010B	07/27/04 14:25 / ts

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ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-003
Client Sample ID: EPSA1-C

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	584	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Mercury	0.1	mg/kg-dry		0.1		SW7471A	07/31/04 10:50 / sml
Molybdenum	2.34	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Nickel	20.5	mg/kg-dry	D	0.93		SW6020	07/27/04 15:14 / bws
Potassium	1520	mg/kg-dry		50		SW6010B	07/27/04 14:25 / ts
Selenium	ND	mg/kg-dry	D	2.9		SW6020	07/27/04 15:14 / bws
Silver	ND	mg/kg-dry	D	0.63		SW6020	07/27/04 15:14 / bws
Sodium	19200	mg/kg-dry		50		SW6010B	07/27/04 14:25 / ts
Thallium	1.15	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Vanadium	22.9	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
Zinc	52.2	mg/kg-dry		0.50		SW6020	07/27/04 15:14 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	8.0	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	0.8	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	2.9	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212	2.8	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228	2.9	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.3	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	1.7	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 228 precision (±)	0.4	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 230	3.1	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 230 precision (±)	0.6	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 232	0.7	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 232 precision (±)	0.3	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Uranium 234	6.0	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 234 precision (±)	0.6	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-003
Client Sample ID: EPSA1-C

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Uranium 235	0.2	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 235 precision (±)	0.1	pCi/g-dry				E907.0	08/05/04 10:30 / ph
Uranium 238	4.6	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 238 precision (±)	0.5	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-004
Client Sample ID: EPSA1-D

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	69.1	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 20 Sieve, Retained	30.9	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 40 Sieve, Passed	51.5	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 40 Sieve, Retained	48.5	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 60 Sieve, Passed	42.8	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 60 Sieve, Retained	57.2	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 100 Sieve, Passed	32.7	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 100 Sieve, Retained	67.3	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 140 Sieve, Passed	26.6	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 140 Sieve, Retained	73.4	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 200 Sieve, Passed	22.6	%		1.0		ASA15-2	07/23/04 12:00 / lmh
No. 200 Sieve, Retained	77.4	%		1.0		ASA15-2	07/23/04 12:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	16	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	2	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	82	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.0	g/cc		0.1		E1109	07/23/04 16:00 / lmh
Moisture	27.9	%		0.1		USDA26	07/14/04 08:30 / lmh
METALS - TOTAL							
Aluminum	6860	mg/kg-dry		2.5		SW6010B	07/27/04 14:31 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Arsenic	1.72	mg/kg-dry	D	0.86		SW6020	07/27/04 15:28 / bws
Barium	15.9	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 15:28 / bws
Boron	339	mg/kg-dry		5.0		SW6010B	07/27/04 14:31 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Calcium	44400	mg/kg-dry		50		SW6010B	07/27/04 14:31 / ts
Chromium	10.9	mg/kg-dry	D	0.97		SW6020	07/27/04 15:28 / bws
Cobalt	30.7	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Copper	438	mg/kg-dry	D	0.54		SW6020	07/27/04 15:28 / bws
Iron	168000	mg/kg-dry		2.5		SW6010B	07/27/04 14:31 / ts
Lead	1.48	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Magnesium	5990	mg/kg-dry		50		SW6010B	07/27/04 14:31 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-004
Client Sample ID: EPSA1-D

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Manganese	360	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Mercury	ND	mg/kg-dry		0.1		SW7471A	07/31/04 10:52 / sml
Molybdenum	3.39	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Nickel	10.5	mg/kg-dry	D	0.93		SW6020	07/27/04 15:28 / bws
Potassium	1750	mg/kg-dry		50		SW6010B	07/27/04 14:31 / ts
Selenium	ND	mg/kg-dry	D	2.9		SW6020	07/27/04 15:28 / bws
Silver	ND	mg/kg-dry	D	0.63		SW6020	07/27/04 15:28 / bws
Sodium	21100	mg/kg-dry		50		SW6010B	07/27/04 14:31 / ts
Thallium	1.10	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Vanadium	16.2	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
Zinc	26.1	mg/kg-dry		0.50		SW6020	07/27/04 15:28 / bws
RADIONUCLIDES - GAMMA							
Gross Gamma	13.0	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	1.1	pCi/g-dry				E901.1	07/19/04 16:03 / db
Actinium 228	2.4	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Bismuth 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212	7.7	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.5	pCi/g-dry				E901.1	07/19/04 16:03 / db
Lead 214	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Potassium 40	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 226	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228	2.4	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.2	pCi/g-dry				E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0		E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL							
Thorium 228	1.7	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 228 precision (±)	0.4	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 230	3.1	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Thorium 232	0.7	pCi/g-dry		0.1		E907.0	08/04/04 10:30 / ph
Thorium 232 precision (±)	0.3	pCi/g-dry				E907.0	08/04/04 10:30 / ph
Uranium 234	5.1	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 234 precision (±)	0.4	pCi/g-dry				E907.0	08/05/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-004
Client Sample ID: EPSA1-D

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Uranium 235	0.1	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 235 precision (±)	0.06	pCi/g-dry				E907.0	08/05/04 10:30 / ph
Uranium 238	4.2	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 238 precision (±)	0.3	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-005
Client Sample ID: EPSA1-E

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	72.2	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 20 Sieve, Retained	27.8	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 40 Sieve, Passed	56.6	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 40 Sieve, Retained	43.4	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 60 Sieve, Passed	51.2	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 60 Sieve, Retained	48.8	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 100 Sieve, Passed	44.7	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 100 Sieve, Retained	55.3	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 140 Sieve, Passed	40.6	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 140 Sieve, Retained	59.4	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 200 Sieve, Passed	37.0	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 200 Sieve, Retained	63.0	%		1.0		ASA15-2	07/26/04 08:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	17	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	0	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	83	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	SiL			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	2.0	g/cc		0.1		E1109	07/26/04 09:00 / lmh
Moisture	20.2	%		0.1		USDA26	07/14/04 08:30 / lmh
METALS - TOTAL							
Aluminum	5300	mg/kg-dry		2.5		SW6010B	07/27/04 14:37 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:36 / bws
Arsenic	1.39	mg/kg-dry	D	0.86		SW6020	07/27/04 15:36 / bws
Barium	15.0	mg/kg-dry		0.50		SW6020	07/27/04 15:36 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 15:36 / bws
Boron	333	mg/kg-dry		5.0		SW6010B	07/27/04 14:37 / ts
Cadmium	ND	mg/kg-dry		0.50		SW6020	07/27/04 15:36 / bws
Calcium	52200	mg/kg-dry		50		SW6010B	07/27/04 14:37 / ts
Chromium	9.64	mg/kg-dry		0.50		SW6020	07/27/04 15:36 / bws
Cobalt	19.9	mg/kg-dry		0.50		SW6020	07/27/04 15:36 / bws
Copper	310	mg/kg-dry	D	0.54		SW6020	07/27/04 15:36 / bws
Iron	168000	mg/kg-dry		2.5		SW6010B	07/27/04 14:37 / ts
Lead	2.15	mg/kg-dry		0.50		SW6020	07/27/04 15:36 / bws
Magnesium	4060	mg/kg-dry		50		SW6010B	07/27/04 14:37 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-005
Client Sample ID: EPSA1-E

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
METALS - TOTAL						
Manganese	250	mg/kg-dry		0.50	SW6020	07/27/04 15:36 / bws
Mercury	ND	mg/kg-dry		0.1	SW7471A	07/31/04 10:55 / sml
Molybdenum	3.43	mg/kg-dry		0.50	SW6020	07/27/04 15:36 / bws
Nickel	7.06	mg/kg-dry	D	0.93	SW6020	07/27/04 15:36 / bws
Potassium	1680	mg/kg-dry		50	SW6010B	07/27/04 14:37 / ts
Selenium	ND	mg/kg-dry	D	2.9	SW6020	07/27/04 15:36 / bws
Silver	ND	mg/kg-dry	D	0.63	SW6020	07/27/04 15:36 / bws
Sodium	21400	mg/kg-dry		50	SW6010B	07/27/04 14:37 / ts
Thallium	1.18	mg/kg-dry		0.50	SW6020	07/27/04 15:36 / bws
Vanadium	10.0	mg/kg-dry		0.50	SW6020	07/27/04 15:36 / bws
Zinc	17.5	mg/kg-dry		0.50	SW6020	07/27/04 15:36 / bws
RADIONUCLIDES - GAMMA						
Gross Gamma	14.4	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	1.6	pCi/g-dry			E901.1	07/19/04 16:03 / db
Actinium 228	2.0	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Bismuth 214	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212	7.7	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.5	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 214	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Potassium 40	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228	2.0	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Thorium 234	3.6	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Thorium 234 precision (±)	0.7	pCi/g-dry			E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL						
Thorium 228	1.1	pCi/g-dry		0.1	E907.0	08/04/04 10:30 / ph
Thorium 228 precision (±)	0.2	pCi/g-dry			E907.0	08/04/04 10:30 / ph
Thorium 230	2.8	pCi/g-dry		0.1	E907.0	08/04/04 10:30 / ph
Thorium 230 precision (±)	0.4	pCi/g-dry			E907.0	08/04/04 10:30 / ph
Thorium 232	0.5	pCi/g-dry		0.1	E907.0	08/04/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry			E907.0	08/04/04 10:30 / ph
Uranium 234	4.5	pCi/g-dry		0.1	E907.0	08/05/04 10:30 / ph
Uranium 234 precision (±)	0.5	pCi/g-dry			E907.0	08/05/04 10:30 / ph

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-005
Client Sample ID: EPSA1-E

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Uranium 235	0.2	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 235 precision (±)	0.1	pCi/g-dry				E907.0	08/05/04 10:30 / ph
Uranium 238	3.6	pCi/g-dry		0.1		E907.0	08/05/04 10:30 / ph
Uranium 238 precision (±)	0.4	pCi/g-dry				E907.0	08/05/04 10:30 / ph

Report Definitions:
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-006
Client Sample ID: EPSA1-A-16-01

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04 12:00
Date Received: 07/09/04
Matrix: Soil

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / SIEVE							
No. 20 Sieve, Passed	82.2	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 20 Sieve, Retained	17.8	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 40 Sieve, Passed	43.7	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 40 Sieve, Retained	56.3	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 60 Sieve, Passed	29.0	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 60 Sieve, Retained	71.0	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 100 Sieve, Passed	13.5	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 100 Sieve, Retained	86.5	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 140 Sieve, Passed	8.2	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 140 Sieve, Retained	91.9	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 200 Sieve, Passed	4.7	%		1.0		ASA15-2	07/26/04 08:00 / lmh
No. 200 Sieve, Retained	95.3	%		1.0		ASA15-2	07/26/04 08:00 / lmh
PARTICLE SIZE ANALYSIS / TEXTURE							
Clay	9	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Sand	10	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Silt	81	%		1.0		ASA15-5	07/27/04 08:00 / lmh
Texture	Si			1.0		ASA15-5	07/27/04 08:00 / lmh
PHYSICAL PROPERTIES							
Density	1.7	g/cc		0.1		E1109	07/26/04 09:00 / lmh
Moisture	2.6	%		0.1		USDA26	07/14/04 08:30 / lmh
METALS - TOTAL							
Aluminum	2470	mg/kg-dry		2.5		SW6010B	07/27/04 14:53 / ts
Antimony	ND	mg/kg-dry		0.50		SW6020	07/27/04 16:11 / bws
Arsenic	3.64	mg/kg-dry	D	0.86		SW6020	07/27/04 16:11 / bws
Barium	37.8	mg/kg-dry		0.50		SW6020	07/27/04 16:11 / bws
Beryllium	ND	mg/kg-dry	D	0.65		SW6020	07/27/04 16:11 / bws
Boron	209	mg/kg-dry		5.0		SW6010B	07/27/04 14:53 / ts
Cadmium	ND	mg/kg-dry	D	0.66		SW6020	07/27/04 16:11 / bws
Calcium	70000	mg/kg-dry		50		SW6010B	07/27/04 14:53 / ts
Chromium	8.43	mg/kg-dry		0.50		SW6020	07/27/04 16:11 / bws
Cobalt	1.32	mg/kg-dry		0.50		SW6020	07/27/04 16:11 / bws
Copper	42.8	mg/kg-dry	D	0.54		SW6020	07/27/04 16:11 / bws
Iron	107000	mg/kg-dry		2.5		SW6010B	07/27/04 14:53 / ts
Lead	3.99	mg/kg-dry		0.50		SW6020	07/27/04 16:11 / bws
Magnesium	630	mg/kg-dry		50		SW6010B	07/27/04 14:53 / ts

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LABORATORY ANALYTICAL REPORT

Revised Date: 08/31/04
Report Date: 08/17/04
Collection Date: 07/01/04 12:00
Date Received: 07/09/04
Matrix: Soil

Client: SRK Consulting
Project: Yerington Dust Study
Lab ID: C04070423-006
Client Sample ID: EPSA1-A-16-01

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
METALS - TOTAL						
Manganese	32.8	mg/kg-dry		0.50	SW6020	07/27/04 16:11 / bws
Mercury	0.1	mg/kg-dry		0.1	SW7471A	07/31/04 10:57 / sml
Molybdenum	8.58	mg/kg-dry		0.50	SW6020	07/27/04 16:11 / bws
Nickel	1.79	mg/kg-dry	D	0.93	SW6020	07/27/04 16:11 / bws
Potassium	6580	mg/kg-dry		50	SW6010B	07/27/04 14:53 / ts
Selenium	ND	mg/kg-dry	D	2.9	SW6020	07/27/04 16:11 / bws
Silver	ND	mg/kg-dry		0.50	SW6020	07/27/04 16:11 / bws
Sodium	10200	mg/kg-dry		50	SW6010B	07/27/04 14:53 / ts
Thallium	3.22	mg/kg-dry		0.50	SW6020	07/27/04 16:11 / bws
Vanadium	19.6	mg/kg-dry		0.50	SW6020	07/27/04 16:11 / bws
Zinc	4.16	mg/kg-dry		0.50	SW6020	07/27/04 16:11 / bws
RADIONUCLIDES - GAMMA						
Gross Gamma	33.7	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Gross Gamma precision (±)	2.5	pCi/g-dry			E901.1	07/19/04 16:03 / db
Actinium 228	4.1	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Actinium 228 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Bismuth 214	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212	13.4	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Lead 212 precision (±)	0.7	pCi/g-dry			E901.1	07/19/04 16:03 / db
Lead 214	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Potassium 40	14.6	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Potassium 40 precision (±)	1.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Radium 223	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 224	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 226	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228	4.1	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
Radium 228 precision (±)	0.3	pCi/g-dry			E901.1	07/19/04 16:03 / db
Thorium 234	ND	pCi/g-dry		2.0	E901.1	07/19/04 16:03 / db
RADIONUCLIDES - TOTAL						
Thorium 228	1.4	pCi/g-dry		0.1	E907.0	08/04/04 10:30 / ph
Thorium 228 precision (±)	0.2	pCi/g-dry			E907.0	08/04/04 10:30 / ph
Thorium 230	6.0	pCi/g-dry		0.1	E907.0	08/04/04 10:30 / ph
Thorium 230 precision (±)	0.4	pCi/g-dry			E907.0	08/04/04 10:30 / ph
Thorium 232	1.3	pCi/g-dry		0.1	E907.0	08/04/04 10:30 / ph
Thorium 232 precision (±)	0.2	pCi/g-dry			E907.0	08/04/04 10:30 / ph
Uranium 234	2.0	pCi/g-dry		0.1	E907.0	08/05/04 10:30 / ph
Uranium 234 precision (±)	0.2	pCi/g-dry			E907.0	08/05/04 10:30 / ph

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.