



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Submitted By: Rob McLeod
Receiving Lab: Canada-Vancouver
Received: July 22, 2009
Report Date: August 07, 2009
Page: 1 of 11

CERTIFICATE OF ANALYSIS

VAN09003135.1

CLIENT JOB INFORMATION

Project: TSL
Shipment ID:
P.O. Number
Number of Samples: 300

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	300	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	300	Dry at 60C			VAN
1DX15	300	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 2 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
TSL 42088	Soil		0.9	13.7	7.5	59	<0.1	8.8	6.0	903	2.26	4.8	0.2	1.0	0.9	16	0.2	0.3	0.2	67	0.20
TSL 42089	Soil		1.0	39.0	8.4	65	0.1	13.0	10.1	320	3.21	6.8	0.4	4.3	1.5	19	0.1	0.3	0.2	90	0.23
TSL 42090	Soil		0.7	42.1	6.7	54	<0.1	21.7	12.4	351	3.09	7.3	0.4	3.8	1.3	20	<0.1	0.3	0.1	75	0.30
TSL 42091	Soil		0.5	51.1	4.8	46	<0.1	13.1	10.8	253	2.47	4.8	0.3	2.0	1.1	16	<0.1	0.2	<0.1	60	0.23
TSL 42092	Soil		0.7	39.5	6.3	57	<0.1	13.3	11.9	393	2.86	5.9	0.4	1.7	1.5	20	0.1	0.2	0.1	71	0.32
TSL 42093	Soil		2.4	80.0	10.0	368	0.1	6.0	5.4	525	3.44	10.6	0.7	1.4	4.2	17	0.2	0.1	<0.1	43	0.14
TSL 42094	Soil		1.2	55.4	9.2	169	0.3	9.2	4.0	201	2.35	5.5	0.7	6.3	1.7	17	0.3	0.2	0.2	38	0.15
TSL 42678	Soil		0.7	36.6	11.5	84	0.2	15.9	11.6	576	2.79	6.0	0.6	2.9	1.9	28	0.1	0.3	0.2	65	0.36
TSL 42679	Soil		0.7	36.6	12.4	78	<0.1	15.6	9.4	412	3.09	6.8	0.7	2.4	3.4	23	<0.1	0.3	0.2	62	0.28
TSL 42682	Soil		1.2	16.0	10.9	73	<0.1	14.6	8.4	407	2.98	7.8	0.4	4.4	1.3	16	0.4	0.4	0.2	73	0.18
TSL 42687	Soil		1.0	33.9	8.3	43	<0.1	11.0	6.8	224	2.50	5.8	0.4	1.6	0.9	11	<0.1	0.3	0.1	62	0.11
TSL 42404	Soil		1.0	19.8	9.5	57	<0.1	15.3	7.0	278	3.07	7.8	0.6	4.4	3.3	15	0.1	0.3	0.2	68	0.17
TSL 42405	Soil		0.9	21.4	11.1	57	<0.1	15.7	8.4	367	2.83	6.6	0.7	1.8	5.0	26	<0.1	0.3	0.2	56	0.24
TSL 42407	Soil		1.0	21.9	12.3	61	0.1	17.3	10.5	606	3.00	6.8	0.8	2.3	4.5	18	<0.1	0.3	0.2	62	0.22
TSL 42415	Soil		0.6	57.9	4.0	70	<0.1	8.2	10.6	302	2.73	3.6	0.3	1.3	1.0	17	0.1	0.2	<0.1	72	0.36
TSL 42416	Soil		0.5	30.5	5.9	63	<0.1	10.8	9.4	307	2.53	4.1	0.4	1.7	1.5	16	0.1	0.2	<0.1	59	0.30
TSL 42417	Soil		0.8	17.1	9.9	43	<0.1	9.1	4.2	162	2.01	4.6	0.4	1.8	1.7	16	0.1	0.2	0.2	54	0.20
TSL 42418	Soil		1.1	24.3	9.7	70	<0.1	13.9	7.9	378	3.01	7.4	0.5	0.8	2.8	16	0.1	0.3	0.2	65	0.21
TSL 42419	Soil		0.9	19.5	10.6	54	<0.1	13.6	7.1	299	2.73	7.4	0.6	2.0	3.5	20	0.1	0.3	0.2	62	0.23
TSL 42420	Soil		1.1	19.7	10.0	57	<0.1	14.4	5.8	260	2.48	5.6	0.6	6.3	4.3	17	<0.1	0.3	0.1	54	0.19
TSL 42421	Soil		1.2	19.2	10.2	53	<0.1	15.6	6.5	249	2.94	8.9	0.6	2.4	3.8	15	0.1	0.4	0.2	71	0.16
TSL 42422	Soil		0.8	32.9	14.4	56	<0.1	14.9	11.6	323	2.71	5.5	0.4	5.5	2.3	17	<0.1	0.2	0.1	67	0.24
TSL 42423	Soil		1.0	58.4	12.3	63	<0.1	16.0	11.3	368	3.22	7.7	0.5	2.3	2.9	17	<0.1	0.4	0.2	71	0.21
TSL 42424	Soil		1.4	15.6	11.6	100	<0.1	13.0	9.3	880	3.20	9.1	0.4	1.7	2.4	18	0.3	0.4	0.2	78	0.18
TSL 42425	Soil		0.8	50.2	11.8	63	<0.1	24.1	13.2	302	3.06	6.7	0.8	4.5	3.9	18	<0.1	0.4	0.1	76	0.24
TSL 42426	Soil		0.9	24.4	13.1	60	<0.1	14.6	8.8	299	2.70	6.5	0.7	2.9	2.7	16	<0.1	0.3	0.2	61	0.21
TSL 42427	Soil		0.8	38.0	12.5	151	<0.1	18.0	10.2	400	2.99	6.1	0.9	1.7	4.2	14	0.2	0.3	0.1	57	0.17
TSL 42533	Soil		1.5	22.2	16.6	62	0.1	16.9	11.4	563	3.22	9.0	0.6	1.4	2.8	18	0.2	0.4	0.2	78	0.23
TSL 42534	Soil		1.2	17.8	24.8	70	<0.1	17.0	10.7	250	3.29	7.6	0.5	<0.5	3.0	11	0.3	0.4	0.2	68	0.14
TSL 42751	Soil		0.6	15.2	6.1	16	<0.1	4.7	1.7	62	0.93	1.9	0.4	<0.5	<0.1	9	0.2	0.1	0.1	25	0.07



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 2 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 42088	Soil	0.044	5	17	0.21	219	0.069	<1	1.06	0.013	0.06	<0.1	0.02	1.8	<0.1	<0.05	6	<0.5
TSL 42089	Soil	0.038	7	22	0.64	209	0.110	1	1.96	0.014	0.09	0.1	0.02	3.8	<0.1	<0.05	8	<0.5
TSL 42090	Soil	0.058	6	32	0.71	166	0.099	1	1.94	0.018	0.07	<0.1	0.01	3.0	<0.1	<0.05	6	<0.5
TSL 42091	Soil	0.027	5	18	0.68	128	0.084	1	1.68	0.016	0.06	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5
TSL 42092	Soil	0.048	6	22	0.62	171	0.094	1	1.66	0.018	0.07	0.1	0.01	3.2	<0.1	<0.05	5	<0.5
TSL 42093	Soil	0.040	16	12	0.69	319	0.084	2	1.49	0.022	0.33	<0.1	<0.01	2.5	0.1	0.28	6	<0.5
TSL 42094	Soil	0.043	11	15	0.46	197	0.065	1	1.29	0.012	0.12	<0.1	0.05	2.2	0.1	<0.05	5	<0.5
TSL 42678	Soil	0.046	12	24	0.62	269	0.093	1	1.71	0.014	0.14	0.1	0.03	3.5	<0.1	<0.05	6	<0.5
TSL 42679	Soil	0.036	13	27	0.60	245	0.104	<1	1.63	0.014	0.18	0.1	0.02	4.4	0.1	<0.05	6	<0.5
TSL 42682	Soil	0.068	7	25	0.39	196	0.074	2	1.58	0.014	0.09	<0.1	0.01	2.5	<0.1	<0.05	7	<0.5
TSL 42687	Soil	0.041	7	19	0.34	84	0.072	1	1.41	0.013	0.05	0.1	0.03	2.3	<0.1	<0.05	5	<0.5
TSL 42404	Soil	0.021	15	29	0.48	237	0.061	<1	2.00	0.018	0.06	0.1	0.01	3.5	<0.1	<0.05	7	<0.5
TSL 42405	Soil	0.022	20	29	0.44	311	0.055	1	1.85	0.011	0.07	0.1	0.02	3.4	<0.1	<0.05	5	<0.5
TSL 42407	Soil	0.029	21	31	0.46	263	0.071	<1	1.92	0.011	0.09	0.1	0.01	4.3	<0.1	<0.05	7	<0.5
TSL 42415	Soil	0.053	5	12	0.55	153	0.086	<1	1.44	0.023	0.09	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5
TSL 42416	Soil	0.048	6	16	0.49	163	0.086	<1	1.31	0.018	0.07	0.1	<0.01	3.1	<0.1	<0.05	5	<0.5
TSL 42417	Soil	0.028	14	16	0.29	229	0.063	<1	1.25	0.012	0.07	0.1	0.01	2.5	<0.1	<0.05	6	<0.5
TSL 42418	Soil	0.037	14	24	0.43	221	0.064	1	1.75	0.012	0.09	0.1	0.01	3.0	<0.1	<0.05	6	<0.5
TSL 42419	Soil	0.026	15	25	0.37	323	0.049	<1	1.66	0.012	0.06	0.1	<0.01	3.4	<0.1	<0.05	6	<0.5
TSL 42420	Soil	0.018	17	24	0.36	192	0.063	<1	1.35	0.009	0.06	<0.1	0.01	3.2	<0.1	<0.05	5	<0.5
TSL 42421	Soil	0.022	15	28	0.40	206	0.068	<1	1.74	0.009	0.06	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5
TSL 42422	Soil	0.037	7	23	0.69	176	0.094	<1	1.78	0.014	0.10	0.1	<0.01	3.4	<0.1	<0.05	5	<0.5
TSL 42423	Soil	0.024	9	26	0.56	199	0.074	1	2.12	0.015	0.07	<0.1	<0.01	4.4	0.1	<0.05	6	<0.5
TSL 42424	Soil	0.113	9	24	0.34	282	0.051	<1	1.68	0.009	0.07	0.1	<0.01	2.3	0.1	<0.05	7	<0.5
TSL 42425	Soil	0.025	13	35	0.71	205	0.106	2	2.31	0.017	0.06	0.1	0.02	4.4	<0.1	<0.05	6	<0.5
TSL 42426	Soil	0.040	10	23	0.48	158	0.090	2	1.73	0.014	0.10	<0.1	0.01	2.8	0.1	<0.05	6	<0.5
TSL 42427	Soil	0.029	11	30	0.58	191	0.110	1	1.90	0.012	0.16	<0.1	0.01	3.3	0.2	<0.05	6	<0.5
TSL 42533	Soil	0.034	12	29	0.45	296	0.049	2	2.07	0.012	0.08	0.1	0.02	3.7	0.1	<0.05	7	<0.5
TSL 42534	Soil	0.029	7	27	0.43	157	0.062	2	2.08	0.010	0.07	0.1	0.01	2.9	<0.1	<0.05	6	<0.5
TSL 42751	Soil	0.041	3	9	0.08	81	0.024	1	0.57	0.018	0.04	<0.1	0.02	0.5	<0.1	<0.05	3	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 3 of 11 **Part** 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
TSL 42753	Soil			1.0	16.4	11.9	56	<0.1	19.5	8.8	245	3.10	7.0	0.6	2.3	3.4	15	<0.1	0.4	0.2	65
TSL 42762	Soil			0.9	60.0	10.4	51	0.4	7.9	3.6	102	1.89	3.7	0.9	6.2	0.4	19	0.1	0.1	0.1	27
TSL 42763	Soil			1.1	50.4	11.4	107	0.2	14.3	9.8	370	2.58	5.1	0.7	3.3	1.6	16	0.3	0.2	0.1	65
TSL 42764	Soil			1.2	72.8	10.1	97	0.2	16.5	9.3	285	2.90	5.7	0.9	1.9	2.0	17	0.3	0.3	0.1	75
TSL 42765	Soil			0.8	74.3	6.6	115	0.1	9.8	12.8	294	3.09	3.0	0.6	<0.5	0.7	21	0.4	0.3	<0.1	89
TSL 42766	Soil			0.9	39.1	7.3	95	<0.1	14.1	10.8	336	2.98	5.2	0.4	<0.5	1.8	15	0.1	0.3	0.1	76
TSL 42767	Soil			1.3	26.1	15.3	82	<0.1	16.5	9.6	435	3.29	7.5	0.5	1.6	2.7	17	0.3	0.3	0.2	83
TSL 42769	Soil			1.7	14.5	15.5	58	<0.1	11.7	5.9	299	2.79	9.4	0.5	1.8	2.4	14	0.2	0.4	0.2	86
TSL 42770	Soil			1.4	15.5	11.0	55	<0.1	12.3	6.0	428	2.81	6.4	0.4	2.8	2.2	12	0.2	0.4	0.2	74
TSL 42772	Soil			0.7	78.0	6.2	51	<0.1	15.7	15.5	393	2.80	4.7	0.4	1.9	2.3	18	<0.1	0.2	0.1	77
TSL 43830	Soil			0.7	18.7	10.8	68	<0.1	23.1	14.2	414	2.73	4.3	1.0	1.7	4.7	24	0.1	0.2	0.2	58
TSL 43831	Soil			0.7	20.1	10.6	68	<0.1	26.7	13.3	360	2.97	5.0	1.1	2.7	5.6	29	0.1	0.3	0.2	58
TSL 43832	Soil			0.4	25.2	8.8	65	<0.1	25.8	10.8	230	2.59	4.5	0.9	1.7	4.2	27	0.1	0.3	0.1	61
TSL 43833	Soil			1.1	57.6	7.6	68	<0.1	24.4	17.5	287	3.11	7.0	1.6	5.6	3.7	44	0.2	0.4	0.1	87
TSL 43834	Soil			1.0	15.6	24.3	53	<0.1	19.4	10.5	284	2.85	6.0	0.6	<0.5	3.7	16	0.1	0.3	0.2	65
TSL 43835	Soil			0.8	27.4	11.6	56	<0.1	16.6	15.2	809	3.08	5.8	1.8	<0.5	4.1	40	<0.1	0.3	0.1	66
TSL 43836	Soil			0.8	22.1	14.3	54	<0.1	16.8	12.1	697	2.46	7.0	4.9	1.3	4.6	39	0.1	0.3	0.2	45
TSL 43837	Soil			0.8	31.6	9.0	63	<0.1	23.2	13.6	517	2.87	18.5	1.5	2.6	5.2	39	0.1	0.3	0.2	60
TSL 43838	Soil			1.2	21.4	15.0	57	<0.1	13.7	9.6	433	2.58	4.6	2.8	2.5	9.7	39	0.1	0.3	0.1	49
TSL 43839	Soil			0.9	23.7	10.4	49	<0.1	11.4	6.0	255	2.14	3.4	1.7	3.9	8.5	19	0.1	0.3	0.1	42
TSL 43840	Soil			1.0	18.0	10.0	50	<0.1	16.1	6.9	230	2.46	6.5	0.9	0.7	4.7	25	0.1	0.3	0.1	60
TSL 43186	Soil			1.2	51.9	13.9	195	<0.1	15.0	8.7	552	3.29	7.5	0.8	1.7	2.9	18	0.4	0.3	0.2	64
TSL 43187	Soil			1.0	38.7	19.3	135	<0.1	20.0	8.3	442	3.25	7.2	0.8	3.5	3.4	17	0.3	0.4	0.2	63
TSL 43704	Soil			1.1	12.8	8.8	49	<0.1	14.7	11.0	764	2.49	6.1	0.7	1.1	5.5	27	0.2	0.4	0.1	58
TSL 43705	Soil			1.2	15.7	10.8	49	<0.1	16.5	8.8	477	2.46	6.1	0.8	1.3	4.5	23	<0.1	0.4	0.1	59
TSL 43706	Soil			0.8	14.0	12.8	40	<0.1	9.7	6.7	379	2.28	3.8	1.1	1.1	3.5	22	0.1	0.3	0.2	44
TSL 43707	Soil			0.9	26.3	11.0	58	<0.1	26.2	12.0	337	3.36	8.5	0.9	3.9	6.1	30	<0.1	0.5	0.2	86
TSL 43708	Soil			0.9	24.1	10.6	56	<0.1	25.9	11.3	293	3.11	8.6	0.9	2.9	6.3	30	<0.1	0.5	0.2	82
TSL 43709	Soil			0.7	26.8	9.4	55	<0.1	19.9	9.7	342	2.77	6.5	0.9	7.2	6.3	31	<0.1	0.5	0.2	68
TSL 43710	Soil			0.7	30.1	9.4	54	<0.1	24.5	9.8	303	2.99	6.3	1.4	2.9	7.3	28	<0.1	0.6	0.2	78



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 3 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 42753	Soil	0.031	13	30	0.48	188	0.096	2	1.96	0.012	0.08	0.1	0.02	3.2	0.1	<0.05	6	<0.5
TSL 42762	Soil	0.073	7	14	0.23	196	0.042	4	0.91	0.017	0.07	0.1	0.06	1.4	<0.1	0.10	3	<0.5
TSL 42763	Soil	0.058	8	20	0.50	202	0.095	2	1.50	0.015	0.11	<0.1	0.03	2.5	0.2	<0.05	6	<0.5
TSL 42764	Soil	0.040	10	25	0.57	188	0.087	1	1.92	0.016	0.07	0.1	0.02	3.5	0.1	<0.05	7	<0.5
TSL 42765	Soil	0.042	6	14	0.60	185	0.115	1	1.76	0.026	0.12	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5
TSL 42766	Soil	0.035	6	19	0.58	132	0.116	1	1.73	0.018	0.10	0.1	0.01	2.7	<0.1	<0.05	6	<0.5
TSL 42767	Soil	0.066	12	30	0.42	209	0.057	2	2.06	0.014	0.07	<0.1	0.02	3.1	0.1	<0.05	7	<0.5
TSL 42769	Soil	0.048	9	25	0.29	137	0.076	2	1.45	0.008	0.06	0.1	0.01	2.6	<0.1	<0.05	8	<0.5
TSL 42770	Soil	0.031	6	21	0.24	159	0.046	<1	1.50	0.012	0.04	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5
TSL 42772	Soil	0.035	8	22	0.86	224	0.111	1	2.08	0.020	0.16	<0.1	0.01	3.4	0.1	<0.05	5	<0.5
TSL 43830	Soil	0.056	24	33	0.56	135	0.080	1	1.55	0.019	0.11	0.1	0.03	3.1	0.1	<0.05	5	<0.5
TSL 43831	Soil	0.065	20	32	0.61	153	0.091	1	1.59	0.019	0.09	0.2	0.02	3.1	<0.1	<0.05	5	<0.5
TSL 43832	Soil	0.062	17	33	0.62	163	0.090	2	1.52	0.025	0.07	0.2	0.02	3.2	<0.1	<0.05	5	<0.5
TSL 43833	Soil	0.070	14	31	0.83	145	0.101	3	1.51	0.044	0.08	0.2	0.03	5.6	<0.1	<0.05	5	0.9
TSL 43834	Soil	0.031	10	26	0.36	195	0.042	1	1.79	0.014	0.07	0.1	0.01	2.6	<0.1	<0.05	6	<0.5
TSL 43835	Soil	0.050	35	24	0.45	532	0.027	2	1.42	0.017	0.08	<0.1	0.04	5.3	<0.1	<0.05	5	0.8
TSL 43836	Soil	0.046	47	24	0.37	674	0.021	2	1.41	0.018	0.09	0.1	0.04	3.9	<0.1	<0.05	4	0.8
TSL 43837	Soil	0.081	20	32	0.59	196	0.064	2	1.11	0.020	0.10	0.2	0.03	4.0	<0.1	<0.05	4	0.7
TSL 43838	Soil	0.049	50	26	0.36	260	0.084	2	1.63	0.016	0.14	0.1	0.04	6.0	<0.1	<0.05	6	0.8
TSL 43839	Soil	0.025	22	21	0.33	149	0.097	1	1.19	0.016	0.15	<0.1	<0.01	4.2	0.1	<0.05	5	<0.5
TSL 43840	Soil	0.030	15	27	0.41	231	0.089	<1	1.54	0.016	0.08	0.2	0.02	3.0	<0.1	<0.05	5	0.5
TSL 43186	Soil	0.035	12	27	0.59	229	0.091	1	1.99	0.012	0.16	0.1	0.02	3.6	0.1	<0.05	8	<0.5
TSL 43187	Soil	0.027	14	29	0.48	274	0.071	3	2.07	0.014	0.09	<0.1	0.02	5.0	0.1	<0.05	7	<0.5
TSL 43704	Soil	0.023	15	26	0.36	307	0.056	3	1.32	0.013	0.15	0.1	0.01	3.3	<0.1	<0.05	4	<0.5
TSL 43705	Soil	0.025	20	35	0.48	307	0.059	2	1.55	0.014	0.07	0.1	0.01	3.3	<0.1	<0.05	5	<0.5
TSL 43706	Soil	0.035	24	17	0.36	218	0.052	<1	1.08	0.015	0.16	0.1	0.02	3.0	<0.1	<0.05	6	0.5
TSL 43707	Soil	0.023	17	46	0.64	239	0.129	<1	2.00	0.021	0.08	0.1	0.03	6.2	<0.1	<0.05	6	<0.5
TSL 43708	Soil	0.023	18	45	0.66	242	0.131	1	1.94	0.023	0.08	0.2	0.03	6.2	<0.1	<0.05	6	<0.5
TSL 43709	Soil	0.022	20	34	0.60	223	0.118	1	1.80	0.024	0.10	<0.1	0.03	5.6	<0.1	<0.05	6	0.7
TSL 43710	Soil	0.017	26	40	0.57	233	0.112	<1	1.99	0.021	0.06	0.1	0.03	7.3	<0.1	<0.05	6	0.7



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 4 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
TSL 43711	Soil			0.5	33.9	7.5	59	<0.1	25.4	9.4	377	2.50	7.8	0.6	5.1	3.7	39	0.1	0.7	0.2	53
TSL 43712	Soil			0.6	27.0	7.4	57	<0.1	23.5	9.5	387	2.48	7.9	0.5	2.9	3.2	37	0.1	0.6	0.1	56
TSL 43713	Soil			0.6	20.5	8.4	43	<0.1	13.4	6.5	216	2.44	5.4	1.2	1.3	5.3	28	<0.1	0.4	0.1	48
TSL 43714	Soil			0.8	34.6	12.0	53	0.1	21.5	8.9	412	3.24	6.5	2.1	2.7	4.5	85	0.2	0.4	0.2	53
TSL 43715	Soil			0.6	28.4	9.0	52	<0.1	20.3	9.0	328	2.67	6.7	1.4	1.9	5.2	37	0.1	0.4	0.2	54
TSL 43721	Soil			0.5	48.2	4.6	56	<0.1	17.7	12.9	345	2.36	3.0	0.4	1.1	1.0	25	0.1	0.2	<0.1	78
TSL 43722	Soil			0.6	69.5	5.2	56	0.1	20.0	11.1	539	2.17	3.7	1.7	1.5	1.0	47	0.2	0.3	0.1	57
TSL 43723	Soil			0.7	24.5	13.9	62	<0.1	19.3	9.9	287	2.70	4.6	0.8	1.0	6.3	22	<0.1	0.2	0.2	55
TSL 43724	Soil			0.6	28.0	10.6	77	<0.1	29.6	13.6	357	3.41	3.8	0.9	35.2	7.1	22	0.1	0.2	0.2	70
TSL 43725	Soil			0.4	37.2	29.7	92	<0.1	37.3	15.1	608	4.26	4.3	1.3	<0.5	13.4	25	<0.1	0.3	0.5	63
TSL 43726	Soil			0.4	29.3	17.3	93	<0.1	34.2	11.9	449	4.04	4.4	1.6	<0.5	24.6	15	<0.1	0.1	0.3	26
TSL 43727	Soil			0.6	21.0	12.8	63	<0.1	22.5	10.2	339	3.06	4.4	1.4	<0.5	9.2	27	0.1	0.3	0.2	52
TSL 43728	Soil			0.9	39.8	15.2	75	0.1	33.3	11.0	252	2.96	0.8	2.5	<0.5	15.2	44	<0.1	0.1	0.4	24
TSL 43729	Soil			1.0	37.1	12.5	81	<0.1	23.6	14.6	470	3.95	16.6	2.3	1.4	10.1	29	0.1	0.6	0.3	65
TSL 43730	Soil			0.8	15.3	16.3	50	<0.1	16.3	8.4	237	2.51	13.2	0.7	<0.5	4.3	19	0.1	0.3	0.2	47
TSL 43731	Soil			0.9	20.1	16.9	48	<0.1	17.4	8.2	287	2.59	8.2	1.0	1.7	6.7	25	<0.1	0.4	0.2	54
TSL 43732	Soil			0.8	17.6	13.0	52	<0.1	17.7	9.1	276	2.75	7.9	0.6	1.1	6.8	21	<0.1	0.4	0.2	54
TSL 43733	Soil			0.8	12.0	19.8	55	<0.1	13.6	7.2	262	2.80	6.7	0.6	0.5	5.6	14	0.2	0.3	0.2	55
TSL 43735	Soil			2.0	14.7	24.2	65	<0.1	12.9	9.7	359	3.13	5.0	1.1	<0.5	6.1	18	<0.1	0.3	0.2	56
TSL 43521	Soil			1.5	22.9	6.6	50	<0.1	10.8	6.7	348	3.73	7.8	0.6	<0.5	2.0	12	0.1	0.4	0.2	62
TSL 43531	Soil			1.4	22.7	17.6	130	0.2	15.7	9.1	570	3.24	6.7	0.5	<0.5	2.3	25	0.4	0.4	0.2	63
TSL 43532	Soil			0.5	9.0	8.9	53	<0.1	9.0	4.1	151	1.77	3.2	0.5	2.3	1.5	16	<0.1	0.2	0.1	40
TSL 43533	Soil			0.7	10.2	10.0	63	<0.1	9.7	4.7	182	1.93	3.5	0.5	5.6	1.5	19	<0.1	0.2	0.2	39
TSL 43534	Soil			0.9	11.7	13.0	72	<0.1	10.4	7.7	379	2.47	4.1	0.6	0.8	2.8	21	<0.1	0.2	0.1	46
TSL 43535	Soil			0.9	10.6	7.9	58	<0.1	10.7	8.0	366	2.34	5.1	0.7	0.9	2.3	24	<0.1	0.3	0.1	51
TSL 43536	Soil			1.1	10.2	9.1	87	<0.1	13.6	9.2	409	2.88	3.7	0.5	0.8	3.5	23	<0.1	0.2	0.1	49
TSL 43537	Soil			1.6	23.7	17.2	63	<0.1	16.9	9.1	448	3.31	5.3	1.0	<0.5	6.3	20	0.1	0.2	0.2	56
TSL 43538	Soil			1.4	15.3	10.4	35	<0.1	9.0	4.3	180	2.61	5.5	0.5	2.0	2.7	9	<0.1	0.4	0.2	58
TSL 43539	Soil			1.7	17.0	14.2	40	<0.1	10.2	5.1	213	3.46	5.8	0.6	<0.5	4.9	10	0.1	0.4	0.2	66
TSL 43540	Soil			0.8	28.9	16.5	60	<0.1	24.0	9.9	337	3.00	7.8	1.2	0.6	5.7	21	<0.1	0.5	0.2	63



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 4 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 43711	Soil	0.077	14	27	0.58	260	0.080	2	1.32	0.039	0.07	0.2	0.02	4.3	<0.1	<0.05	4	<0.5
TSL 43712	Soil	0.078	11	29	0.64	217	0.092	1	1.39	0.040	0.10	0.2	0.02	3.7	<0.1	<0.05	4	<0.5
TSL 43713	Soil	0.046	20	24	0.44	207	0.087	<1	1.35	0.023	0.08	0.1	0.02	5.2	<0.1	<0.05	5	<0.5
TSL 43714	Soil	0.051	30	30	0.47	358	0.066	1	2.21	0.023	0.12	0.1	0.05	6.6	<0.1	<0.05	7	0.9
TSL 43715	Soil	0.058	21	29	0.49	271	0.082	2	1.57	0.024	0.05	0.2	0.03	5.3	<0.1	<0.05	5	0.7
TSL 43721	Soil	0.060	5	34	0.81	156	0.090	<1	1.54	0.025	0.03	0.1	0.02	3.5	<0.1	<0.05	6	<0.5
TSL 43722	Soil	0.075	10	33	0.71	324	0.046	2	1.40	0.025	0.05	<0.1	0.06	4.6	<0.1	0.07	4	1.0
TSL 43723	Soil	0.049	19	30	0.60	160	0.071	<1	1.49	0.018	0.08	0.1	0.01	3.2	<0.1	<0.05	5	<0.5
TSL 43724	Soil	0.084	20	42	0.91	219	0.098	2	2.00	0.017	0.21	0.1	0.04	4.9	0.2	<0.05	7	<0.5
TSL 43725	Soil	0.086	45	46	0.95	204	0.087	<1	2.00	0.021	0.26	<0.1	0.02	6.4	0.2	<0.05	8	<0.5
TSL 43726	Soil	0.067	56	28	0.61	123	0.061	<1	1.58	0.010	0.35	<0.1	<0.01	3.7	0.2	<0.05	6	0.6
TSL 43727	Soil	0.036	50	33	0.57	152	0.064	<1	1.69	0.017	0.13	0.1	0.02	3.9	0.1	<0.05	6	0.6
TSL 43728	Soil	0.065	69	25	0.56	138	0.025	2	1.62	0.012	0.18	<0.1	0.03	3.5	0.2	<0.05	5	1.1
TSL 43729	Soil	0.050	42	33	0.81	201	0.048	1	1.90	0.019	0.09	0.1	0.03	7.8	0.1	<0.05	6	0.7
TSL 43730	Soil	0.031	16	25	0.43	323	0.041	2	1.48	0.014	0.10	0.1	0.01	2.8	<0.1	<0.05	5	<0.5
TSL 43731	Soil	0.022	28	28	0.43	474	0.054	<1	1.50	0.016	0.05	0.1	0.02	4.4	<0.1	<0.05	5	0.5
TSL 43732	Soil	0.026	19	27	0.41	352	0.046	<1	1.67	0.014	0.06	0.1	<0.01	3.7	<0.1	<0.05	4	<0.5
TSL 43733	Soil	0.037	11	21	0.31	205	0.058	<1	1.34	0.013	0.06	0.1	0.01	3.4	<0.1	<0.05	5	<0.5
TSL 43735	Soil	0.069	26	19	0.30	343	0.042	<1	1.24	0.016	0.07	0.1	0.02	5.0	0.1	<0.05	4	<0.5
TSL 43521	Soil	0.071	7	18	0.52	169	0.094	<1	1.77	0.017	0.12	<0.1	0.01	4.3	<0.1	<0.05	9	0.6
TSL 43531	Soil	0.037	14	25	0.45	459	0.098	<1	1.77	0.025	0.15	0.1	0.03	3.7	0.1	<0.05	7	<0.5
TSL 43532	Soil	0.036	9	18	0.41	144	0.067	<1	1.10	0.014	0.05	0.2	0.02	2.6	<0.1	<0.05	5	<0.5
TSL 43533	Soil	0.044	9	20	0.48	222	0.073	<1	1.22	0.017	0.06	0.1	0.03	2.8	<0.1	<0.05	6	<0.5
TSL 43534	Soil	0.058	10	20	0.60	235	0.092	<1	1.38	0.015	0.12	0.1	0.02	3.9	0.1	<0.05	6	<0.5
TSL 43535	Soil	0.054	10	21	0.45	253	0.075	<1	1.24	0.017	0.05	0.2	0.03	3.3	<0.1	<0.05	5	0.6
TSL 43536	Soil	0.059	11	21	0.66	275	0.097	<1	1.46	0.020	0.12	0.2	0.01	3.9	0.1	<0.05	6	<0.5
TSL 43537	Soil	0.036	21	27	0.51	398	0.103	<1	1.88	0.016	0.12	0.1	0.01	5.4	0.1	<0.05	8	<0.5
TSL 43538	Soil	0.040	7	17	0.21	87	0.101	<1	1.08	0.013	0.07	0.2	0.03	2.8	<0.1	<0.05	8	<0.5
TSL 43539	Soil	0.035	8	22	0.40	68	0.136	<1	1.44	0.011	0.10	0.1	0.02	4.5	0.1	<0.05	9	<0.5
TSL 43540	Soil	0.054	27	37	0.59	393	0.078	<1	2.01	0.014	0.06	0.2	0.03	6.1	0.1	<0.05	6	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 5 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
	Unit	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
MDL																					
TSL 38483	Soil		1.3	16.5	9.8	48	<0.1	9.2	6.1	378	2.83	8.0	0.5	<0.5	1.5	12	0.1	0.4	0.2	60	0.12
TSL 38484	Soil		0.9	22.7	10.2	62	<0.1	18.0	9.2	322	3.08	7.8	1.1	1.1	3.7	23	<0.1	0.3	0.2	58	0.27
TSL 38485	Soil		0.9	23.1	9.8	63	0.1	18.7	8.1	282	3.00	6.4	1.3	2.1	3.2	29	<0.1	0.3	0.2	58	0.32
TSL 38486	Soil		0.6	18.3	9.5	64	<0.1	16.0	9.1	359	2.86	5.7	1.1	<0.5	4.3	24	0.1	0.3	0.2	59	0.32
TSL 38487	Soil		1.0	21.7	14.3	68	<0.1	18.7	10.3	473	3.22	6.8	1.5	<0.5	4.8	28	<0.1	0.4	0.2	63	0.42
TSL 38488	Soil		0.8	22.1	17.3	69	<0.1	18.9	10.1	479	3.21	5.7	1.5	3.1	6.2	24	0.1	0.4	0.2	59	0.33
TSL 38489	Soil		0.5	17.2	13.0	58	<0.1	14.0	8.2	351	2.87	4.5	1.0	4.1	5.9	21	<0.1	0.3	0.2	54	0.28
TSL 38490	Soil		0.6	19.9	10.8	59	<0.1	23.8	8.7	336	2.85	5.1	1.0	2.5	5.6	20	0.1	0.3	0.1	54	0.28
TSL 38491	Soil		0.5	18.9	8.9	50	<0.1	15.0	8.5	359	2.48	4.2	1.2	1.0	5.3	21	<0.1	0.3	0.1	49	0.27
TSL 38492	Soil		1.4	20.6	17.9	52	<0.1	22.2	10.7	332	3.63	10.0	1.1	2.8	5.7	20	<0.1	0.4	0.2	80	0.20
TSL 38493	Soil		0.7	12.5	9.6	39	<0.1	9.6	4.9	210	2.33	6.4	0.6	1.8	1.3	20	<0.1	0.3	0.2	59	0.16
TSL 38494	Soil		0.7	21.3	10.5	55	<0.1	18.7	11.4	316	3.57	7.3	0.9	1.0	5.7	18	<0.1	0.4	0.2	62	0.19
TSL 38495	Soil		1.0	30.3	15.1	57	<0.1	23.4	9.2	319	3.43	11.0	1.1	1.9	6.0	19	0.1	0.5	0.2	69	0.18
TSL 38496	Soil		1.1	29.6	14.3	58	<0.1	24.2	9.9	335	3.41	11.0	1.1	2.2	6.4	18	<0.1	0.5	0.2	68	0.17
TSL 43465	Soil		0.9	19.3	15.1	51	<0.1	16.3	8.8	390	2.82	6.7	1.3	3.1	5.5	33	<0.1	0.3	0.2	59	0.39
TSL 43485	Soil		2.0	53.0	23.3	73	0.1	26.2	10.8	526	4.23	6.7	11.3	5.6	21.4	63	0.2	0.5	0.3	63	0.76
TSL 43486	Soil		0.4	11.8	8.8	35	<0.1	8.5	4.1	131	1.67	2.6	1.6	1.9	5.7	24	<0.1	0.2	<0.1	35	0.32
TSL 43487	Soil		0.6	27.3	9.9	54	<0.1	18.5	9.7	274	2.93	7.7	1.7	3.1	4.6	38	0.1	0.5	0.2	60	0.45
TSL 43488	Soil		0.6	30.5	10.2	53	<0.1	20.3	9.3	265	2.84	6.6	1.3	88.7	5.0	41	0.1	0.5	0.2	61	0.45
TSL 43614	Soil		1.1	19.7	9.6	39	<0.1	12.1	6.3	244	3.18	9.1	0.6	1.2	2.8	16	0.1	0.5	0.2	73	0.15
TSL 43615	Soil		1.1	20.3	10.8	41	<0.1	24.4	8.3	305	2.83	7.8	0.5	2.2	3.4	20	<0.1	0.4	0.1	59	0.20
TSL 43616	Soil		0.6	20.0	31.2	43	<0.1	20.0	7.5	252	2.70	7.1	0.9	<0.5	6.5	21	<0.1	0.4	0.2	52	0.19
TSL 43617	Soil		0.7	19.7	15.5	48	<0.1	12.9	5.6	416	2.85	4.2	0.6	0.5	5.1	19	<0.1	0.3	0.3	36	0.21
TSL 43618	Soil		0.5	18.8	9.8	59	<0.1	8.8	6.0	312	2.95	5.2	1.0	<0.5	10.8	10	<0.1	0.4	0.1	35	0.10
TSL 43619	Soil		0.7	30.7	26.1	50	<0.1	38.3	11.3	321	3.01	7.4	0.9	0.6	7.0	31	<0.1	0.4	0.1	58	0.33
TSL 43620	Soil		0.5	12.2	40.7	52	<0.1	16.1	8.9	486	2.68	4.4	1.0	<0.5	9.1	16	<0.1	0.3	0.1	39	0.16
TSL 43621	Soil		0.9	20.6	21.1	53	<0.1	26.9	9.2	322	2.92	9.4	0.8	1.3	5.4	24	<0.1	0.5	0.2	64	0.20
TSL 43857	Soil		0.8	13.7	11.2	53	<0.1	10.6	6.7	269	2.39	5.7	0.9	55.5	3.8	36	<0.1	0.2	0.1	46	0.33
TSL 43870	Soil		0.8	16.4	12.8	58	<0.1	14.4	6.8	242	2.58	5.2	1.4	5.0	3.7	25	<0.1	0.3	0.2	57	0.28
TSL 43879	Soil		1.0	14.7	40.5	39	<0.1	15.0	6.0	342	2.42	4.2	0.7	2.1	3.2	20	<0.1	0.3	0.2	52	0.22



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 5 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 38483	Soil	0.079	8	20	0.24	91	0.061	<1	1.10	0.011	0.06	0.1	0.01	2.3	<0.1	<0.05	6	<0.5
TSL 38484	Soil	0.047	16	32	0.53	279	0.080	<1	2.20	0.014	0.07	0.1	0.04	5.2	0.1	<0.05	8	<0.5
TSL 38485	Soil	0.048	19	31	0.50	340	0.084	<1	2.34	0.015	0.08	0.2	0.04	5.2	0.1	<0.05	8	0.5
TSL 38486	Soil	0.054	15	32	0.54	249	0.114	<1	2.05	0.015	0.10	0.2	0.03	4.6	0.1	<0.05	7	<0.5
TSL 38487	Soil	0.049	23	36	0.58	346	0.119	<1	2.17	0.015	0.12	0.2	0.03	6.1	0.1	<0.05	8	0.6
TSL 38488	Soil	0.051	24	35	0.59	320	0.117	<1	1.96	0.015	0.14	0.1	0.02	5.7	0.1	<0.05	7	<0.5
TSL 38489	Soil	0.053	19	27	0.53	209	0.136	1	1.64	0.015	0.20	0.1	0.01	4.6	0.1	<0.05	6	0.6
TSL 38490	Soil	0.057	25	43	0.59	206	0.108	<1	1.56	0.011	0.14	<0.1	0.01	4.6	0.1	<0.05	6	0.6
TSL 38491	Soil	0.054	30	29	0.49	169	0.119	1	1.39	0.014	0.10	0.1	0.01	4.1	<0.1	<0.05	5	0.5
TSL 38492	Soil	0.030	22	47	0.53	217	0.108	2	2.70	0.011	0.06	0.1	0.02	5.6	0.1	<0.05	9	0.6
TSL 38493	Soil	0.051	12	21	0.31	116	0.099	1	1.33	0.014	0.07	<0.1	0.01	2.3	<0.1	<0.05	8	<0.5
TSL 38494	Soil	0.026	12	33	0.57	188	0.119	2	2.46	0.010	0.16	0.1	0.02	4.8	0.2	<0.05	7	<0.5
TSL 38495	Soil	0.031	14	36	0.57	172	0.105	2	2.34	0.012	0.11	0.1	0.03	4.4	<0.1	<0.05	6	<0.5
TSL 38496	Soil	0.030	13	37	0.56	170	0.105	1	2.36	0.013	0.10	0.1	0.02	4.3	<0.1	<0.05	6	<0.5
TSL 43465	Soil	0.035	32	29	0.56	340	0.099	1	1.75	0.016	0.09	0.1	0.03	5.1	<0.1	<0.05	6	0.5
TSL 43485	Soil	0.058	151	39	0.55	579	0.097	3	2.99	0.016	0.38	0.1	0.08	15.1	0.2	<0.05	11	3.2
TSL 43486	Soil	0.033	25	18	0.36	137	0.096	1	1.03	0.020	0.11	0.1	0.01	3.7	<0.1	<0.05	4	<0.5
TSL 43487	Soil	0.055	23	31	0.49	289	0.094	<1	2.14	0.024	0.07	0.2	0.04	5.7	<0.1	<0.05	7	0.6
TSL 43488	Soil	0.046	21	33	0.54	289	0.112	<1	1.93	0.029	0.09	0.2	0.03	5.7	<0.1	<0.05	6	0.6
TSL 43614	Soil	0.037	9	25	0.33	148	0.083	1	1.54	0.010	0.09	0.1	0.01	3.9	<0.1	<0.05	7	<0.5
TSL 43615	Soil	0.030	7	53	0.53	172	0.081	<1	1.73	0.010	0.07	<0.1	<0.01	3.4	<0.1	<0.05	7	<0.5
TSL 43616	Soil	0.014	27	33	0.49	326	0.084	<1	1.80	0.012	0.07	0.1	0.01	4.2	<0.1	<0.05	6	<0.5
TSL 43617	Soil	0.019	6	25	0.44	237	0.097	<1	1.63	0.009	0.32	0.1	<0.01	5.2	0.3	<0.05	7	<0.5
TSL 43618	Soil	0.022	10	15	0.46	231	0.138	<1	1.66	0.010	0.40	<0.1	<0.01	6.9	0.2	<0.05	7	<0.5
TSL 43619	Soil	0.022	16	63	0.77	349	0.115	<1	1.98	0.017	0.14	<0.1	0.01	5.2	<0.1	<0.05	7	<0.5
TSL 43620	Soil	0.024	9	26	0.42	343	0.091	<1	1.65	0.010	0.26	<0.1	<0.01	5.0	0.1	<0.05	7	<0.5
TSL 43621	Soil	0.016	12	42	0.54	349	0.080	<1	2.00	0.013	0.07	<0.1	0.01	4.8	<0.1	<0.05	6	<0.5
TSL 43857	Soil	0.039	14	20	0.47	284	0.095	<1	1.35	0.016	0.10	0.2	0.01	3.7	<0.1	<0.05	5	<0.5
TSL 43870	Soil	0.060	20	29	0.46	181	0.087	2	1.80	0.016	0.08	0.1	0.03	4.5	<0.1	<0.05	6	0.5
TSL 43879	Soil	0.025	10	26	0.33	372	0.068	<1	1.39	0.013	0.10	<0.1	0.02	3.1	<0.1	<0.05	6	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 6 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
	Unit	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
	MDL																				
TSL 43880	Soil		0.7	19.4	51.9	39	<0.1	20.8	6.5	292	2.16	4.6	1.1	9.9	8.1	14	<0.1	0.2	0.1	34	0.16
TSL 43881	Soil		0.8	37.0	30.9	55	0.2	20.3	9.0	354	3.08	7.0	2.3	2.8	7.5	34	0.1	0.3	0.3	61	0.38
TSL 43882	Soil		0.5	22.5	11.2	51	<0.1	16.6	9.0	320	2.64	6.5	1.4	3.1	6.7	30	0.1	0.4	0.1	54	0.36
TSL 43883	Soil		0.5	14.0	37.1	35	<0.1	11.4	7.2	303	2.16	4.6	0.9	1.3	5.6	19	<0.1	0.3	0.1	44	0.23
TSL 43884	Soil		0.5	22.5	20.5	46	<0.1	15.7	7.8	265	2.54	6.1	2.0	6.8	6.1	36	<0.1	0.3	0.2	56	0.41
TSL 43885	Soil		0.5	17.3	20.7	43	<0.1	13.1	7.7	257	2.35	5.7	1.3	1.8	5.5	29	<0.1	0.4	0.1	50	0.36
TSL 43335	Soil		0.6	17.9	7.2	74	<0.1	16.7	10.7	411	3.12	7.0	0.8	<0.5	4.0	28	<0.1	0.4	0.1	62	0.26
TSL 43336	Soil		1.0	20.0	6.4	88	<0.1	13.0	12.5	486	3.87	4.5	0.5	0.5	2.4	18	0.2	0.2	0.1	97	0.29
TSL 43337	Soil		0.9	24.8	6.0	86	<0.1	15.0	12.2	554	3.50	4.2	0.8	1.1	3.3	22	0.2	0.2	0.1	79	0.42
TSL 43383	Soil		0.5	77.7	4.2	62	<0.1	23.0	13.3	592	2.35	3.1	0.5	1.5	0.8	28	0.1	0.2	<0.1	67	0.67
TSL 43384	Soil		0.4	48.8	3.2	66	<0.1	15.5	12.4	385	2.58	2.7	0.3	3.5	1.0	23	<0.1	0.2	<0.1	65	0.65
TSL 43385	Soil		0.5	47.1	4.0	70	<0.1	15.7	14.8	534	2.84	3.7	0.3	4.4	1.0	20	<0.1	0.2	0.1	75	0.48
TSL 43386	Soil		0.5	47.1	3.9	65	<0.1	14.8	20.0	715	3.38	4.5	0.3	1.1	1.3	16	0.1	0.2	<0.1	87	0.47
TSL 43387	Soil		0.9	26.4	4.1	49	<0.1	11.1	9.8	226	2.28	3.6	0.6	<0.5	1.6	15	<0.1	0.1	0.1	71	0.27
TSL 43388	Soil		1.1	48.2	9.3	68	0.2	41.0	15.1	404	2.91	6.0	7.1	1.5	8.6	38	0.2	0.2	0.2	55	0.89
TSL 43389	Soil		0.8	46.5	13.9	69	0.1	44.5	16.9	529	3.16	4.4	1.8	1.6	4.9	25	0.1	0.2	0.2	66	0.52
TSL 43390	Soil		1.2	27.6	10.6	71	0.1	29.3	14.3	307	3.17	3.7	2.0	6.1	7.1	29	0.2	0.2	0.3	46	0.26
TSL 43391	Soil		1.6	41.5	22.1	135	<0.1	50.7	22.4	322	4.15	3.0	2.8	<0.5	15.9	15	<0.1	0.2	0.5	50	0.24
TSL 43392	Soil		0.4	37.1	19.4	100	<0.1	51.7	19.3	524	4.42	7.6	1.6	1.1	18.1	21	<0.1	0.1	0.3	54	0.53
TSL 43393	Soil		0.6	28.7	12.1	85	<0.1	36.7	17.3	324	3.72	3.8	1.0	<0.5	10.0	17	<0.1	0.2	0.2	60	0.32
TSL 43394	Soil		0.6	17.3	13.1	53	<0.1	17.7	8.9	248	2.11	6.6	1.1	0.9	4.4	15	0.1	0.2	0.2	40	0.24
TSL 43395	Soil		0.5	22.9	17.6	92	0.1	27.2	14.0	379	3.12	6.1	2.6	6.8	11.4	38	0.3	0.3	0.2	61	0.89
TSL 43396	Soil		1.4	33.3	11.6	67	0.1	20.3	10.2	414	2.64	10.4	1.2	6.8	6.0	45	0.2	0.3	0.2	51	1.02
TSL 43397	Soil		2.1	39.3	11.3	109	<0.1	22.7	12.6	494	3.90	31.7	1.4	5.9	5.8	34	0.2	0.5	0.2	58	0.87
TSL 43398	Soil		3.7	64.1	15.8	144	0.1	47.5	21.6	435	4.73	28.1	1.6	0.8	12.0	24	0.1	0.2	0.2	103	0.77
TSL 43399	Soil		1.2	35.4	6.7	114	<0.1	17.9	16.8	807	4.29	7.4	1.2	3.2	6.1	35	0.1	0.3	<0.1	74	0.68
TSL 43400	Soil		1.1	54.9	8.7	137	<0.1	28.4	23.1	744	6.31	5.2	1.3	5.2	5.9	33	0.1	0.4	<0.1	147	0.58
TSL 43401	Soil		1.5	45.6	9.1	159	<0.1	12.8	24.2	1030	7.35	7.4	0.8	1.8	3.8	30	0.2	0.3	<0.1	128	0.86
TSL 43403	Soil		1.4	47.1	6.2	104	<0.1	20.3	14.9	617	4.75	8.1	0.6	<0.5	2.9	24	0.1	0.2	<0.1	136	0.43
TSL 43404	Soil		0.6	58.4	4.6	97	<0.1	20.4	22.7	521	5.53	11.8	0.6	1.2	1.9	25	<0.1	0.3	<0.1	159	0.47



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 6 of 11 **Part** 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.1	0.05	1	0.5
TSL 43880	Soil	0.020	15	31	0.34	223	0.062	<1	1.29	0.009	0.12	<0.1	<0.01	4.1	0.1	<0.05	5	<0.5
TSL 43881	Soil	0.039	40	38	0.55	432	0.109	<1	2.31	0.017	0.11	0.2	0.04	6.9	0.1	<0.05	7	0.7
TSL 43882	Soil	0.036	22	33	0.52	254	0.108	<1	1.76	0.021	0.08	0.1	0.02	6.2	<0.1	<0.05	6	0.5
TSL 43883	Soil	0.033	13	21	0.32	152	0.087	<1	1.17	0.014	0.08	<0.1	0.01	3.6	<0.1	<0.05	4	<0.5
TSL 43884	Soil	0.045	26	28	0.50	337	0.103	1	1.66	0.018	0.07	0.1	0.04	5.2	<0.1	<0.05	5	<0.5
TSL 43885	Soil	0.046	20	26	0.44	310	0.100	<1	1.49	0.015	0.06	0.1	0.03	4.3	<0.1	<0.05	5	<0.5
TSL 43335	Soil	0.047	19	28	0.59	254	0.068	<1	2.07	0.013	0.10	0.1	<0.01	4.8	<0.1	<0.05	8	<0.5
TSL 43336	Soil	0.077	10	24	0.83	243	0.177	<1	2.17	0.013	0.42	0.1	0.02	5.6	0.1	<0.05	10	<0.5
TSL 43337	Soil	0.087	19	24	0.75	359	0.149	<1	2.08	0.017	0.31	0.1	0.03	6.2	0.2	<0.05	8	<0.5
TSL 43383	Soil	0.068	7	48	0.79	281	0.087	<1	1.72	0.026	0.06	0.1	0.03	5.3	<0.1	<0.05	6	<0.5
TSL 43384	Soil	0.074	5	27	0.83	246	0.102	1	1.64	0.022	0.09	0.1	0.02	4.6	<0.1	<0.05	6	<0.5
TSL 43385	Soil	0.097	5	31	0.89	185	0.089	2	1.67	0.023	0.07	0.1	0.03	4.0	<0.1	<0.05	6	<0.5
TSL 43386	Soil	0.085	5	27	0.89	158	0.092	2	1.49	0.021	0.06	0.2	0.02	3.9	<0.1	<0.05	6	<0.5
TSL 43387	Soil	0.035	7	22	0.68	125	0.064	2	1.25	0.019	0.03	0.1	0.01	2.9	<0.1	<0.05	5	0.6
TSL 43388	Soil	0.056	50	60	0.99	368	0.110	2	1.71	0.015	0.32	<0.1	0.04	4.7	0.2	0.07	6	1.2
TSL 43389	Soil	0.051	20	81	0.92	266	0.060	2	1.66	0.016	0.08	<0.1	0.03	4.9	<0.1	<0.05	5	<0.5
TSL 43390	Soil	0.057	32	33	0.69	162	0.058	2	1.80	0.025	0.12	0.2	0.02	3.1	0.1	0.14	5	0.7
TSL 43391	Soil	0.064	41	55	1.25	142	0.157	2	2.27	0.012	0.63	<0.1	<0.01	4.1	0.4	<0.05	8	0.6
TSL 43392	Soil	0.085	66	59	0.92	158	0.104	3	1.76	0.013	0.44	<0.1	0.01	6.8	0.3	<0.05	7	<0.5
TSL 43393	Soil	0.066	35	44	0.88	143	0.111	1	1.99	0.009	0.26	<0.1	<0.01	3.7	0.2	<0.05	7	<0.5
TSL 43394	Soil	0.049	22	25	0.36	91	0.044	1	1.22	0.014	0.07	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5
TSL 43395	Soil	0.080	41	40	0.76	137	0.096	2	1.50	0.025	0.16	0.2	0.02	4.6	0.1	<0.05	5	0.7
TSL 43396	Soil	0.048	28	24	0.40	756	0.068	3	1.42	0.018	0.16	0.1	0.04	4.6	<0.1	<0.05	5	1.0
TSL 43397	Soil	0.156	25	22	0.40	533	0.067	4	1.27	0.016	0.21	<0.1	0.04	5.6	0.1	<0.05	5	1.1
TSL 43398	Soil	0.188	33	47	0.99	539	0.162	1	2.07	0.012	0.89	<0.1	0.02	6.8	0.4	<0.05	9	1.0
TSL 43399	Soil	0.084	33	19	0.93	643	0.120	2	1.84	0.015	0.37	0.1	0.03	7.1	0.2	<0.05	9	0.8
TSL 43400	Soil	0.070	43	26	1.34	2321	0.238	1	2.45	0.019	0.72	0.2	0.05	15.7	0.3	<0.05	13	1.2
TSL 43401	Soil	0.195	39	14	1.25	611	0.198	2	2.50	0.016	0.64	0.3	0.03	12.2	0.1	<0.05	13	<0.5
TSL 43403	Soil	0.032	7	38	1.61	623	0.261	1	2.56	0.018	0.81	0.1	<0.01	8.2	0.2	<0.05	10	<0.5
TSL 43404	Soil	0.063	11	20	1.30	314	0.180	2	2.65	0.028	0.29	<0.1	0.02	9.6	0.1	<0.05	9	1.0



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 7 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method	Analyte	Unit	MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
					0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
TSL 43405	Soil				0.9	24.7	7.8	122	0.2	16.3	20.0	705	4.75	5.6	0.4	<0.5	2.3	21	0.1	0.3	0.1	158	0.25	
TSL 43406	Soil				1.3	18.8	8.2	81	<0.1	10.4	7.1	262	3.17	8.0	0.6	0.9	2.2	14	0.2	0.4	0.2	78	0.17	
TSL 43407	Soil				2.0	50.7	22.3	165	<0.1	30.0	22.6	531	5.66	29.3	1.2	1.7	6.3	20	0.4	0.2	0.2	118	0.57	
TSL 43408	Soil				0.7	30.3	6.6	63	<0.1	16.9	18.7	590	3.50	2.7	0.7	1.5	1.5	22	0.2	<0.1	<0.1	111	0.65	
TSL 43438	Soil				0.5	38.0	8.4	72	<0.1	21.8	14.1	437	2.95	4.1	1.1	3.7	4.9	31	0.2	0.3	0.1	66	0.62	
TSL 43439	Soil				0.7	17.7	8.6	61	<0.1	18.0	12.1	455	2.57	6.2	0.6	6.0	2.6	27	0.1	0.3	0.1	65	0.44	
TSL 43440	Soil				0.7	17.3	8.5	59	<0.1	18.2	14.6	688	2.61	6.2	0.6	2.0	2.6	24	0.1	0.3	0.1	69	0.41	
TSL 43456	Soil				0.7	53.0	8.6	73	<0.1	20.1	14.8	356	3.20	9.3	0.8	1.5	2.6	79	0.2	0.5	0.1	76	0.82	
TSL 43270	Soil				2.3	35.5	11.0	95	0.1	16.7	11.5	748	5.02	8.1	1.0	0.9	6.0	16	<0.1	0.4	0.1	73	0.21	
TSL 43271	Soil				1.8	50.4	30.2	115	<0.1	29.1	17.7	404	5.76	5.4	1.3	<0.5	8.9	11	<0.1	0.2	0.2	83	0.20	
TSL 43305	Soil				1.1	46.1	7.3	63	0.1	24.1	15.2	395	3.29	10.4	0.5	<0.5	1.7	20	<0.1	0.3	0.1	97	0.32	
TSL 43306	Soil				0.9	86.6	6.6	61	0.1	38.2	15.4	315	3.59	21.2	0.4	1.5	2.0	20	<0.1	0.4	0.1	102	0.33	
TSL 43307	Soil				1.0	41.1	8.2	41	<0.1	13.6	8.8	353	2.18	5.8	0.4	2.4	1.2	16	<0.1	0.3	0.2	71	0.26	
TSL 43308	Soil				0.8	55.7	6.1	52	<0.1	25.1	13.6	379	3.13	9.1	0.4	1.4	1.9	24	0.1	0.4	0.1	76	0.31	
TSL 43309	Soil				0.8	133.6	4.1	60	<0.1	23.0	16.6	435	2.98	4.6	0.4	6.2	1.4	37	<0.1	0.3	<0.1	89	0.41	
TSL 43310	Soil				0.6	45.8	3.3	23	0.1	6.1	1.8	56	0.58	2.0	0.4	1.2	<0.1	32	0.1	0.1	<0.1	12	0.62	
TSL 43311	Soil				0.5	92.4	4.7	73	<0.1	26.0	17.1	389	2.99	3.3	0.6	3.7	1.6	26	<0.1	0.2	<0.1	89	0.52	
TSL 43312	Soil				0.5	90.0	5.0	71	<0.1	25.1	18.3	583	3.12	4.0	0.5	4.5	1.7	27	0.2	0.2	<0.1	97	0.49	
TSL 43313	Soil				0.6	73.1	4.1	62	<0.1	20.5	20.2	633	2.92	4.0	0.3	3.1	1.0	20	0.1	0.2	<0.1	94	0.44	
TSL 43314	Soil				0.7	64.2	5.4	69	<0.1	21.2	18.9	624	2.96	4.5	0.6	2.1	2.8	28	0.1	0.2	0.1	81	0.70	
TSL 43315	Soil				0.7	47.1	5.9	61	<0.1	18.0	14.7	512	2.72	4.5	2.5	1.1	3.8	27	0.3	0.2	0.1	70	0.67	
TSL 43316	Soil				1.0	31.1	16.2	82	<0.1	32.1	14.6	339	3.31	3.6	3.1	0.8	14.2	25	<0.1	0.2	0.3	40	0.41	
TSL 43317	Soil				1.3	45.2	40.0	136	0.1	40.0	16.9	393	4.45	3.4	2.2	0.8	15.4	31	0.1	0.1	0.6	56	0.41	
TSL 39012	Soil				0.7	19.7	65.2	44	<0.1	16.0	9.8	336	2.52	6.2	0.7	1.6	6.0	23	<0.1	0.3	0.2	53	0.22	
TSL 39013	Soil				0.8	34.2	19.1	59	<0.1	22.9	10.4	454	2.73	7.9	1.0	1.9	5.5	37	0.1	0.6	0.1	59	0.49	
TSL 43522	Soil				1.2	99.7	8.3	98	<0.1	10.4	8.6	467	3.62	6.8	1.0	2.1	6.4	14	<0.1	0.2	0.1	80	0.19	
TSL 43523	Soil				0.6	26.7	6.3	33	0.1	4.6	4.6	259	1.68	2.6	0.5	<0.5	0.7	13	0.2	0.2	0.1	39	0.13	
TSL 43524	Soil				0.8	17.4	8.9	51	<0.1	8.2	6.6	410	3.27	3.3	1.4	0.8	4.1	17	<0.1	0.3	0.1	50	0.20	
TSL 43525	Soil				0.7	10.8	20.3	41	<0.1	8.9	5.4	203	2.39	4.3	0.8	0.5	3.3	17	<0.1	0.3	0.2	49	0.20	
TSL 43526	Soil				0.9	13.1	30.7	47	<0.1	11.5	7.3	358	2.93	5.7	1.1	0.9	5.2	19	<0.1	0.3	0.2	57	0.20	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 7 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 43405	Soil	0.040	6	20	0.98	694	0.185	2	2.43	0.018	0.40	<0.1	<0.01	6.1	0.2	<0.05	9	<0.5
TSL 43406	Soil	0.046	8	22	0.41	250	0.080	<1	1.56	0.015	0.13	0.1	<0.01	3.0	<0.1	<0.05	9	<0.5
TSL 43407	Soil	0.176	16	32	1.14	842	0.224	<1	2.80	0.018	0.86	0.1	<0.01	7.3	0.4	<0.05	10	0.7
TSL 43408	Soil	0.088	8	90	1.05	530	0.162	1	1.77	0.024	0.41	<0.1	0.01	5.4	0.2	<0.05	8	<0.5
TSL 43438	Soil	0.076	18	34	0.69	222	0.074	1	1.57	0.025	0.08	0.2	0.03	4.7	<0.1	<0.05	5	<0.5
TSL 43439	Soil	0.065	12	31	0.54	152	0.070	3	1.47	0.020	0.05	0.2	0.02	2.9	<0.1	<0.05	5	0.5
TSL 43440	Soil	0.059	12	31	0.51	150	0.080	2	1.42	0.018	0.06	0.2	0.02	3.1	<0.1	<0.05	6	<0.5
TSL 43456	Soil	0.042	12	31	0.60	442	0.090	2	1.88	0.032	0.05	0.1	0.03	5.8	<0.1	<0.05	6	0.7
TSL 43270	Soil	0.030	13	35	0.59	621	0.053	<1	2.05	0.012	0.19	<0.1	<0.01	6.8	<0.1	<0.05	11	0.9
TSL 43271	Soil	0.065	15	29	0.38	172	0.055	<1	1.65	0.007	0.39	<0.1	<0.01	6.4	0.2	<0.05	7	<0.5
TSL 43305	Soil	0.052	7	53	0.83	208	0.160	2	2.20	0.020	0.08	0.1	0.02	3.9	0.1	<0.05	9	<0.5
TSL 43306	Soil	0.020	7	77	1.17	296	0.174	1	2.37	0.021	0.07	<0.1	<0.01	4.3	<0.1	<0.05	8	<0.5
TSL 43307	Soil	0.046	8	37	0.50	170	0.090	<1	1.35	0.020	0.06	<0.1	0.01	2.5	<0.1	<0.05	7	<0.5
TSL 43308	Soil	0.053	8	51	0.66	125	0.087	<1	1.78	0.016	0.05	0.1	0.01	3.1	<0.1	<0.05	6	<0.5
TSL 43309	Soil	0.067	6	33	0.69	929	0.088	3	1.75	0.022	0.10	0.3	<0.01	4.5	<0.1	<0.05	6	<0.5
TSL 43310	Soil	0.096	4	8	0.08	655	0.018	3	0.42	0.016	0.05	<0.1	0.06	1.6	<0.1	0.13	1	<0.5
TSL 43311	Soil	0.062	7	45	1.03	711	0.134	<1	2.07	0.023	0.09	<0.1	0.02	4.4	<0.1	<0.05	8	<0.5
TSL 43312	Soil	0.061	8	45	1.00	587	0.120	2	1.91	0.023	0.07	0.1	0.02	4.8	<0.1	<0.05	7	<0.5
TSL 43313	Soil	0.057	5	43	0.95	256	0.101	3	1.57	0.022	0.05	<0.1	0.02	3.9	<0.1	<0.05	7	0.5
TSL 43314	Soil	0.072	12	42	0.94	399	0.089	3	1.81	0.024	0.06	0.1	0.04	5.0	<0.1	<0.05	6	<0.5
TSL 43315	Soil	0.070	21	33	0.77	411	0.075	2	1.59	0.024	0.06	0.1	0.03	4.8	<0.1	<0.05	5	0.6
TSL 43316	Soil	0.053	41	32	0.84	168	0.073	2	1.82	0.016	0.26	<0.1	0.02	3.8	0.3	<0.05	6	0.6
TSL 43317	Soil	0.083	45	49	1.20	192	0.112	2	2.24	0.024	0.42	<0.1	<0.01	4.5	0.4	0.12	9	1.2
TSL 39012	Soil	0.020	10	29	0.44	372	0.065	1	1.63	0.013	0.13	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5
TSL 39013	Soil	0.051	15	29	0.63	275	0.100	2	1.62	0.046	0.09	0.2	0.02	4.3	<0.1	<0.05	5	<0.5
TSL 43522	Soil	0.077	26	26	1.25	432	0.148	2	2.45	0.015	0.62	0.1	0.02	6.1	0.2	<0.05	12	0.7
TSL 43523	Soil	0.047	9	9	0.19	149	0.038	<1	0.62	0.014	0.13	<0.1	0.01	1.7	<0.1	<0.05	5	<0.5
TSL 43524	Soil	0.035	18	15	0.35	228	0.047	<1	1.52	0.012	0.11	0.1	0.02	5.5	<0.1	<0.05	8	0.6
TSL 43525	Soil	0.025	14	17	0.37	203	0.107	1	1.32	0.011	0.17	<0.1	0.01	3.1	0.1	<0.05	7	<0.5
TSL 43526	Soil	0.025	15	23	0.41	269	0.068	3	1.61	0.012	0.09	0.1	<0.01	4.4	0.1	<0.05	6	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 8 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
	Unit MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
TSL 43527	Soil		1.5	18.8	20.7	55	0.1	15.1	7.5	351	3.26	10.1	0.8	2.9	4.1	21	<0.1	0.5	0.2	73	0.23
TSL 43528	Soil		1.1	18.6	20.2	42	<0.1	12.6	6.4	241	2.73	6.9	0.8	1.1	3.7	19	0.1	0.3	0.2	70	0.21
TSL 43529	Soil		1.0	27.6	21.2	44	<0.1	20.4	7.7	277	2.84	6.2	0.7	1.0	4.1	22	<0.1	0.3	0.2	63	0.23
TSL 43748	Soil		0.7	67.9	14.8	55	<0.1	15.8	20.7	647	3.39	5.5	1.2	2.5	1.7	100	0.1	0.3	0.1	97	0.96
TSL 43749	Soil		0.8	57.7	13.0	71	<0.1	19.7	18.5	501	3.33	6.2	1.0	3.5	1.6	98	0.2	0.2	0.1	88	1.03
TSL 43750	Soil		0.6	38.9	7.2	48	<0.1	24.5	18.9	392	2.96	11.3	0.7	69.3	2.4	66	<0.1	0.3	<0.1	73	0.66
TSL 43784	Soil		0.6	37.9	29.7	134	<0.1	37.8	16.2	315	3.87	2.6	1.7	5.3	15.1	16	0.2	0.1	0.4	45	0.37
TSL 43795	Soil		1.2	26.3	10.9	67	0.1	27.1	15.6	770	3.21	7.6	0.5	1.0	2.1	25	0.2	0.4	0.1	90	0.30
TSL 43796	Soil		1.0	22.0	10.9	118	<0.1	21.7	15.6	672	3.37	6.2	0.4	<0.5	1.9	21	0.2	0.4	0.2	94	0.30
TSL 43848	Soil		0.9	16.8	10.1	49	<0.1	13.9	6.8	297	2.50	6.0	0.8	0.5	4.7	23	0.1	0.3	0.2	53	0.24
TSL 43853	Soil		1.0	21.3	16.9	57	<0.1	19.4	8.3	316	2.90	6.7	1.6	0.9	6.9	31	<0.1	0.3	0.2	57	0.41
TSL 43501	Soil		0.6	22.5	11.0	65	<0.1	22.5	11.4	412	2.81	9.6	1.3	1.7	5.0	28	0.2	0.3	0.2	61	0.50
TSL 43502	Soil		0.6	12.2	12.3	45	<0.1	14.3	8.0	251	2.65	6.0	0.5	2.1	5.7	39	<0.1	0.3	0.1	62	0.33
TSL 43503	Soil		1.0	15.0	9.3	50	<0.1	9.9	7.0	415	2.33	4.1	0.4	0.5	2.7	25	0.2	0.3	0.1	61	0.33
TSL 43504	Soil		1.0	16.8	9.3	49	<0.1	15.1	7.0	298	3.02	6.5	0.7	0.6	4.7	23	<0.1	0.4	0.1	67	0.23
TSL 43505	Soil		1.0	17.5	9.5	48	<0.1	15.4	7.4	304	3.06	6.8	0.7	1.4	4.7	24	<0.1	0.4	0.1	68	0.26
TSL 43506	Soil		0.8	15.7	8.9	46	<0.1	16.7	9.2	337	3.14	7.3	0.5	<0.5	3.2	24	0.1	0.3	<0.1	73	0.26
TSL 43507	Soil		0.6	22.1	7.4	45	<0.1	22.8	9.5	308	2.82	8.4	0.6	5.6	7.7	32	<0.1	0.5	0.1	66	0.30
TSL 43508	Soil		1.0	20.1	7.7	55	<0.1	16.8	9.2	405	2.84	7.8	0.5	0.6	2.3	24	<0.1	0.4	0.1	65	0.30
TSL 43689	Soil		0.8	13.6	9.9	54	<0.1	14.3	9.3	399	2.78	5.5	0.9	<0.5	5.5	41	<0.1	0.3	0.1	55	0.29
TSL 43690	Soil		1.2	11.5	12.5	46	<0.1	11.4	7.2	323	2.55	6.1	0.8	0.7	4.4	23	<0.1	0.3	0.2	56	0.23
TSL 43691	Soil		1.4	15.4	11.4	51	<0.1	17.3	10.8	431	3.22	8.8	0.7	1.3	3.9	42	<0.1	0.4	0.2	75	0.24
TSL 43692	Soil		0.9	17.3	66.7	52	<0.1	16.4	9.1	314	2.91	6.8	1.3	2.1	8.0	26	<0.1	0.4	0.3	65	0.33
TSL 43693	Soil		1.3	12.0	8.8	41	<0.1	11.1	6.7	404	2.51	5.5	0.6	16.9	2.6	22	<0.1	0.3	0.2	69	0.29
TSL 43694	Soil		1.1	13.6	9.2	50	<0.1	13.9	7.5	365	3.05	7.5	0.7	0.6	3.6	21	<0.1	0.5	0.2	56	0.22
TSL 43695	Soil		0.9	14.5	12.9	48	<0.1	12.1	7.1	471	2.94	6.7	0.6	<0.5	3.7	22	<0.1	0.4	0.2	51	0.24
TSL 43696	Soil		1.1	18.3	9.6	52	<0.1	17.7	8.3	395	3.19	7.9	1.1	1.9	9.5	20	<0.1	0.6	0.2	55	0.21
TSL 43697	Soil		0.8	19.5	10.3	53	<0.1	18.7	8.6	374	3.17	10.0	0.9	0.5	6.4	16	<0.1	0.5	0.2	58	0.14
TSL 43698	Soil		0.6	18.2	10.1	59	<0.1	15.2	7.8	436	3.08	6.1	1.0	5.0	8.2	18	<0.1	0.4	0.2	44	0.18
TSL 43699	Soil		0.9	14.1	8.3	53	<0.1	16.6	9.2	347	2.77	6.1	0.4	1.4	3.1	24	<0.1	0.5	0.2	56	0.24



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 8 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 43527	Soil	0.030	14	31	0.44	326	0.099	2	1.58	0.011	0.09	0.1	0.01	3.3	<0.1	<0.05	7	0.8
TSL 43528	Soil	0.029	11	27	0.39	192	0.091	<1	1.48	0.012	0.15	0.1	<0.01	3.3	<0.1	<0.05	7	<0.5
TSL 43529	Soil	0.027	11	48	0.52	236	0.078	<1	1.71	0.010	0.09	0.1	<0.01	3.8	<0.1	<0.05	6	<0.5
TSL 43748	Soil	0.036	10	19	0.81	735	0.092	2	1.54	0.037	0.13	0.1	0.03	6.3	<0.1	<0.05	6	0.7
TSL 43749	Soil	0.053	8	34	0.87	532	0.087	1	1.61	0.035	0.09	0.1	0.04	6.3	<0.1	<0.05	5	0.8
TSL 43750	Soil	0.038	9	37	0.76	461	0.112	<1	1.81	0.039	0.12	<0.1	0.02	4.4	<0.1	0.05	6	<0.5
TSL 43784	Soil	0.063	18	35	0.93	136	0.079	2	2.21	0.010	0.26	<0.1	0.01	4.1	0.2	<0.05	7	<0.5
TSL 43795	Soil	0.027	7	55	0.74	581	0.126	2	2.10	0.022	0.10	<0.1	0.02	3.3	<0.1	<0.05	7	<0.5
TSL 43796	Soil	0.029	6	35	0.74	350	0.131	1	2.04	0.026	0.17	<0.1	0.01	3.4	0.1	<0.05	7	<0.5
TSL 43848	Soil	0.022	20	26	0.46	298	0.103	<1	1.65	0.017	0.14	0.1	<0.01	3.6	0.1	<0.05	6	<0.5
TSL 43853	Soil	0.031	31	39	0.56	419	0.111	<1	1.88	0.018	0.14	0.3	0.02	4.8	0.1	<0.05	7	0.6
TSL 43501	Soil	0.049	25	32	0.55	293	0.061	3	1.87	0.018	0.06	0.1	0.03	4.5	0.1	<0.05	5	<0.5
TSL 43502	Soil	0.022	17	23	0.27	1042	0.066	<1	1.61	0.015	0.05	0.1	0.02	4.0	<0.1	<0.05	5	<0.5
TSL 43503	Soil	0.037	10	18	0.25	411	0.058	1	1.24	0.017	0.09	0.1	<0.01	2.9	<0.1	<0.05	5	0.7
TSL 43504	Soil	0.022	13	28	0.44	425	0.075	<1	1.78	0.014	0.05	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5
TSL 43505	Soil	0.027	13	28	0.46	426	0.087	<1	1.87	0.016	0.05	0.1	0.02	4.2	<0.1	<0.05	7	<0.5
TSL 43506	Soil	0.019	6	25	0.50	537	0.098	<1	2.03	0.016	0.11	<0.1	0.01	4.4	<0.1	<0.05	6	<0.5
TSL 43507	Soil	0.024	15	34	0.51	363	0.109	<1	1.60	0.016	0.09	0.1	0.02	4.6	<0.1	<0.05	5	<0.5
TSL 43508	Soil	0.020	9	29	0.47	307	0.088	1	1.78	0.016	0.14	0.1	0.02	3.9	<0.1	<0.05	5	<0.5
TSL 43689	Soil	0.046	14	25	0.46	271	0.099	<1	1.55	0.013	0.12	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
TSL 43690	Soil	0.032	11	22	0.39	194	0.106	1	1.50	0.013	0.12	<0.1	0.01	3.4	<0.1	<0.05	7	<0.5
TSL 43691	Soil	0.028	14	28	0.49	283	0.116	<1	1.87	0.015	0.10	0.1	0.01	3.6	0.1	<0.05	8	<0.5
TSL 43692	Soil	0.033	28	31	0.54	361	0.099	2	1.92	0.014	0.08	0.1	0.02	4.4	<0.1	<0.05	6	<0.5
TSL 43693	Soil	0.029	9	19	0.39	187	0.122	<1	1.14	0.011	0.16	<0.1	0.02	2.8	0.1	<0.05	7	<0.5
TSL 43694	Soil	0.021	15	24	0.49	340	0.099	<1	1.66	0.013	0.18	0.2	0.01	3.5	<0.1	<0.05	6	<0.5
TSL 43695	Soil	0.027	10	21	0.48	300	0.094	2	1.57	0.013	0.20	0.2	0.01	3.8	<0.1	<0.05	7	<0.5
TSL 43696	Soil	0.019	20	30	0.50	307	0.078	<1	1.92	0.017	0.15	0.2	<0.01	4.8	0.1	<0.05	7	<0.5
TSL 43697	Soil	0.017	14	32	0.56	223	0.104	<1	1.91	0.014	0.17	0.1	<0.01	5.8	<0.1	<0.05	7	<0.5
TSL 43698	Soil	0.020	10	23	0.57	239	0.130	<1	1.73	0.014	0.39	0.1	<0.01	5.8	0.2	<0.05	7	<0.5
TSL 43699	Soil	0.017	8	26	0.45	342	0.070	<1	1.75	0.014	0.10	0.2	<0.01	2.9	<0.1	<0.05	6	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 9 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
TSL 43700	Soil		0.9	10.8	8.8	68	<0.1	13.4	7.7	338	3.26	5.6	0.6	0.8	3.7	21	<0.1	0.4	0.1	55	0.21
TSL 43701	Soil		0.9	11.7	8.9	55	<0.1	15.5	8.0	609	2.82	5.0	0.4	1.9	2.9	22	0.2	0.4	0.2	56	0.23
TSL 43702	Soil		0.9	10.3	8.8	45	<0.1	15.5	7.0	256	2.61	6.9	0.4	1.1	2.5	19	0.1	0.4	0.2	59	0.20
TSL 43703	Soil		1.0	13.0	9.2	52	<0.1	14.5	6.8	281	2.95	8.5	0.6	<0.5	4.6	23	0.1	0.5	0.2	53	0.22
TSL 43782	Soil		0.7	50.5	4.6	57	<0.1	21.5	11.2	281	2.64	3.9	0.4	1.3	1.3	23	0.1	0.2	<0.1	75	0.43
TSL 42901	Soil		0.8	17.2	6.7	86	<0.1	7.7	6.2	392	2.88	4.8	0.3	0.9	1.5	14	<0.1	0.2	0.1	50	0.16
TSL 42903	Soil		0.9	24.0	12.0	115	<0.1	14.0	7.0	460	3.65	7.0	0.5	3.5	2.5	12	0.2	0.4	0.2	53	0.13
TSL 42904	Soil		0.8	13.3	6.5	44	<0.1	5.2	2.4	135	1.53	2.6	0.3	1.0	0.4	7	0.1	0.4	0.2	36	0.05
TSL 42914	Soil		0.9	31.2	9.0	48	0.1	12.5	9.5	348	2.56	4.3	0.4	3.5	1.2	23	0.1	0.3	0.1	72	0.33
TSL 42915	Soil		2.3	26.2	19.8	156	<0.1	17.2	8.4	405	3.44	11.9	1.1	1.9	3.6	20	0.3	0.4	0.2	59	0.20
TSL 42916	Soil		1.1	16.9	11.0	55	0.1	11.7	7.5	250	3.07	5.5	0.5	5.0	2.7	20	<0.1	0.3	0.2	72	0.21
TSL 42917	Soil		0.6	15.7	13.0	73	0.4	14.4	9.8	534	3.07	5.6	0.7	31.6	4.4	19	0.3	0.2	0.2	54	0.25
TSL 42918	Soil		1.3	21.8	11.2	73	0.1	16.1	9.0	363	3.43	6.4	0.5	4.8	2.5	17	0.2	0.3	0.2	63	0.24
TSL 42919	Soil		1.0	15.4	9.6	76	<0.1	12.9	6.6	285	2.91	7.9	0.5	24.2	2.2	14	0.3	0.3	0.1	54	0.18
TSL 42920	Soil		1.0	23.4	6.7	55	0.2	12.1	5.0	275	1.77	3.0	0.5	17.7	0.8	17	0.6	0.2	0.1	41	0.28
TSL 42921	Soil		0.7	40.2	4.0	27	<0.1	18.8	10.2	240	2.11	4.0	0.2	<0.5	0.9	17	<0.1	0.2	<0.1	49	0.29
TSL 42922	Soil		0.5	35.2	3.0	36	<0.1	29.8	15.3	288	2.16	3.0	0.1	1.2	0.6	23	<0.1	0.2	<0.1	56	0.36
TSL 42923	Soil		0.4	44.6	4.5	49	<0.1	18.6	15.5	492	2.86	3.8	0.2	11.9	1.0	54	<0.1	0.2	<0.1	75	0.64
TSL 42924	Soil		0.7	27.4	6.4	46	<0.1	22.6	10.7	266	2.74	7.4	0.4	15.1	2.6	24	<0.1	0.3	0.1	69	0.31
TSL 42925	Soil		0.7	45.8	5.2	42	<0.1	34.1	17.3	266	2.66	6.1	0.4	5.6	1.4	16	<0.1	0.3	0.1	64	0.22
TSL 43612	Soil		0.9	19.3	32.9	40	<0.1	15.1	6.9	277	2.41	6.9	1.3	4.6	4.4	18	<0.1	0.3	0.2	56	0.20
TSL 43648	Soil		0.6	27.4	17.3	87	<0.1	33.2	13.9	284	3.78	4.0	1.2	1.2	9.9	15	<0.1	0.2	0.3	52	0.18
TSL 43649	Soil		0.7	22.9	18.5	83	<0.1	30.2	13.4	410	4.12	3.5	1.1	2.5	8.6	21	0.2	0.3	0.2	74	0.42
TSL 43650	Soil		0.6	26.3	13.2	81	<0.1	45.1	15.8	411	4.05	4.1	1.2	1.5	10.9	20	<0.1	0.2	0.2	63	0.35
TSL 43651	Soil		0.6	20.7	13.8	82	<0.1	34.1	13.8	425	3.47	2.8	1.0	1.1	10.1	18	<0.1	0.1	0.2	52	0.30
TSL 43652	Soil		0.5	21.2	10.8	54	<0.1	21.8	8.1	227	2.57	3.7	1.1	6.5	3.8	24	0.1	0.2	0.2	44	0.53
TSL 43653	Soil		0.4	20.1	16.2	76	<0.1	24.9	11.9	543	3.02	2.6	1.3	<0.5	10.5	18	<0.1	0.1	0.2	24	0.36
TSL 43654	Soil		1.0	12.4	32.7	59	<0.1	39.2	19.8	482	5.55	6.8	0.7	1.0	3.7	19	<0.1	0.3	0.3	101	0.30
TSL 43655	Soil		0.5	15.0	13.7	66	<0.1	36.6	16.8	774	4.84	5.1	0.8	1.7	4.0	32	0.1	0.3	0.2	78	0.75
TSL 43237	Soil		0.5	59.8	5.0	54	<0.1	22.5	11.7	355	3.06	4.4	0.4	4.2	1.8	24	<0.1	0.3	<0.1	92	0.46



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 9 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 43700	Soil	0.025	7	22	0.55	241	0.118	<1	2.12	0.013	0.16	0.1	<0.01	3.9	0.1	<0.05	9	<0.5
TSL 43701	Soil	0.025	7	24	0.44	264	0.078	<1	1.76	0.018	0.12	0.1	<0.01	3.1	<0.1	<0.05	7	<0.5
TSL 43702	Soil	0.025	7	27	0.40	284	0.062	<1	1.50	0.013	0.07	0.2	<0.01	2.6	<0.1	<0.05	6	<0.5
TSL 43703	Soil	0.022	9	25	0.44	290	0.068	2	1.61	0.012	0.15	0.2	<0.01	3.5	<0.1	<0.05	6	<0.5
TSL 43782	Soil	0.048	6	45	0.76	218	0.096	<1	1.61	0.024	0.04	0.2	<0.01	3.5	<0.1	<0.05	6	<0.5
TSL 42901	Soil	0.055	5	15	0.51	151	0.108	<1	1.39	0.016	0.27	0.1	<0.01	3.4	0.1	<0.05	8	<0.5
TSL 42903	Soil	0.050	8	21	0.45	146	0.088	<1	1.77	0.013	0.14	0.2	<0.01	4.5	<0.1	<0.05	8	<0.5
TSL 42904	Soil	0.026	3	8	0.08	59	0.057	<1	0.53	0.018	0.04	<0.1	0.02	1.8	<0.1	<0.05	5	<0.5
TSL 42914	Soil	0.035	7	22	0.51	306	0.089	<1	1.37	0.025	0.08	0.1	0.01	3.6	<0.1	<0.05	6	<0.5
TSL 42915	Soil	0.043	15	22	0.42	291	0.077	<1	1.38	0.012	0.18	0.1	0.02	5.2	0.2	<0.05	6	<0.5
TSL 42916	Soil	0.020	15	22	0.44	324	0.080	1	1.73	0.017	0.12	0.1	0.02	4.5	<0.1	<0.05	7	<0.5
TSL 42917	Soil	0.049	20	23	0.43	326	0.085	1	1.65	0.021	0.12	0.2	0.04	5.4	<0.1	<0.05	6	<0.5
TSL 42918	Soil	0.026	10	24	0.49	237	0.078	1	1.75	0.014	0.13	0.1	0.02	4.8	0.1	<0.05	7	<0.5
TSL 42919	Soil	0.028	8	20	0.38	171	0.068	2	1.41	0.014	0.08	0.2	0.04	4.0	0.1	<0.05	5	<0.5
TSL 42920	Soil	0.031	9	15	0.22	276	0.034	2	0.77	0.016	0.10	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5
TSL 42921	Soil	0.025	3	40	0.44	124	0.052	<1	1.21	0.021	0.03	<0.1	<0.01	3.4	<0.1	<0.05	4	<0.5
TSL 42922	Soil	0.018	2	62	1.10	121	0.124	<1	1.75	0.016	0.04	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5
TSL 42923	Soil	0.057	4	29	0.73	219	0.119	<1	1.76	0.040	0.06	0.1	<0.01	3.3	<0.1	<0.05	6	<0.5
TSL 42924	Soil	0.017	10	36	0.57	200	0.092	<1	1.87	0.024	0.04	0.1	0.01	3.9	<0.1	<0.05	6	<0.5
TSL 42925	Soil	0.032	6	41	0.54	154	0.108	<1	1.52	0.019	0.07	0.1	<0.01	2.9	<0.1	<0.05	5	<0.5
TSL 43612	Soil	0.028	18	26	0.38	432	0.075	<1	1.58	0.013	0.05	0.2	0.01	3.9	<0.1	<0.05	6	<0.5
TSL 43648	Soil	0.020	23	39	0.81	172	0.110	<1	2.44	0.014	0.20	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5
TSL 43649	Soil	0.124	31	33	0.82	196	0.126	<1	2.25	0.015	0.28	0.1	<0.01	5.0	0.2	<0.05	8	<0.5
TSL 43650	Soil	0.077	35	69	0.90	168	0.104	<1	2.18	0.014	0.21	0.1	<0.01	5.9	0.2	<0.05	7	<0.5
TSL 43651	Soil	0.089	39	38	0.65	163	0.073	1	1.74	0.011	0.17	<0.1	0.02	3.7	0.2	<0.05	6	<0.5
TSL 43652	Soil	0.037	47	25	0.41	138	0.047	1	1.41	0.017	0.08	0.1	0.01	3.0	0.1	<0.05	5	<0.5
TSL 43653	Soil	0.058	23	20	0.29	96	0.022	2	0.77	0.016	0.11	<0.1	<0.01	2.7	0.1	0.06	2	<0.5
TSL 43654	Soil	0.035	13	75	0.71	251	0.025	3	2.00	0.017	0.05	0.1	0.02	10.9	<0.1	<0.05	8	<0.5
TSL 43655	Soil	0.056	35	71	0.91	324	0.028	3	1.73	0.018	0.07	0.1	0.03	14.9	<0.1	<0.05	7	<0.5
TSL 43237	Soil	0.047	7	44	0.81	194	0.102	<1	1.86	0.021	0.03	0.1	0.02	4.9	<0.1	<0.05	7	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 10 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
TSL 43238	Soil			0.7	39.4	7.4	64	<0.1	30.0	16.4	381	2.86	3.8	0.8	2.9	2.7	22	0.2	0.2	0.1	69
TSL 43239	Soil			0.5	24.5	12.7	53	<0.1	25.5	13.5	597	2.62	4.4	1.5	1.5	6.4	29	0.1	0.2	0.2	45
TSL 43240	Soil			0.4	26.8	12.7	57	<0.1	29.8	16.3	434	3.11	3.1	2.1	1.6	16.6	19	<0.1	0.1	0.2	43
TSL 43241	Soil			0.5	21.2	11.2	86	<0.1	44.8	17.3	411	4.02	3.2	0.8	1.6	8.5	14	<0.1	<0.1	0.2	76
TSL 43242	Soil			0.6	32.6	25.1	95	<0.1	46.1	19.6	217	3.45	4.5	1.0	<0.5	9.7	9	<0.1	0.2	0.2	57
TSL 43275	Soil			0.3	32.1	12.7	80	<0.1	32.9	17.4	276	3.51	2.2	1.8	0.7	22.3	11	<0.1	0.1	0.3	35
TSL 43276	Soil			0.7	24.3	10.5	69	<0.1	39.6	18.3	293	3.68	5.3	1.0	0.9	7.4	14	<0.1	0.3	0.2	73
TSL 43278	Soil			0.7	20.0	11.9	58	<0.1	24.7	11.4	220	2.85	7.3	0.9	1.3	7.2	15	<0.1	0.2	0.2	67
TSL 43282	Soil			0.5	20.6	15.6	69	<0.1	25.7	13.3	318	2.87	5.5	1.3	1.4	10.7	17	0.1	0.2	0.2	57
TSL 43283	Soil			0.4	24.8	12.6	75	<0.1	33.4	14.8	319	3.12	3.4	1.2	1.9	8.8	20	<0.1	0.2	0.2	57
TSL 43284	Soil			1.0	40.1	15.5	80	<0.1	29.9	15.7	416	3.40	21.3	1.7	2.3	11.1	24	0.1	0.2	0.3	39
TSL 38480	Soil			0.8	27.4	10.3	60	<0.1	15.7	9.4	331	2.81	7.7	1.6	1.5	4.7	32	0.1	0.4	0.1	68
TSL 38482	Soil			0.7	22.4	9.2	60	<0.1	12.8	8.7	246	2.40	5.9	0.8	0.9	2.9	28	<0.1	0.2	0.1	57
TSL 38497	Soil			0.9	14.6	8.8	43	<0.1	15.4	7.3	391	2.63	6.3	0.6	1.5	2.7	20	0.1	0.3	0.1	55
TSL 38498	Soil			1.2	19.6	9.3	39	0.1	16.3	7.8	283	2.58	6.0	0.7	1.2	2.8	17	<0.1	0.3	0.2	68
TSL 38499	Soil			1.0	15.3	9.3	41	<0.1	13.2	9.3	499	2.58	5.3	0.5	1.7	3.0	20	0.1	0.3	0.1	61
TSL 38500	Soil			1.1	21.5	12.8	54	<0.1	19.0	9.7	385	3.11	7.6	1.1	1.2	6.5	17	<0.1	0.4	0.1	71
TSL 39005	Soil			0.6	15.5	89.5	38	<0.1	8.8	4.7	193	2.02	3.4	0.9	1.2	4.7	14	<0.1	0.3	0.2	41
TSL 39006	Soil			0.8	19.9	13.2	48	<0.1	14.1	7.7	323	2.77	6.2	1.2	1.6	6.8	17	<0.1	0.3	0.1	56
TSL 39007	Soil			0.8	16.0	17.9	50	<0.1	16.4	8.9	425	2.83	6.3	1.0	1.2	5.2	21	<0.1	0.3	0.2	59
TSL 39008	Soil			0.9	19.6	43.5	48	<0.1	14.1	11.0	704	2.84	5.5	1.2	0.8	5.5	21	<0.1	0.3	0.2	59
TSL 39009	Soil			1.0	15.5	31.0	46	<0.1	13.9	9.2	432	2.72	6.3	0.7	0.6	4.1	24	0.1	0.4	0.2	59
TSL 39010	Soil			0.8	21.0	54.8	47	<0.1	15.2	8.1	413	2.64	6.4	1.1	2.7	5.3	23	<0.1	0.4	0.2	60
TSL 39011	Soil			0.8	23.1	173.8	40	0.1	13.8	9.0	439	2.54	6.0	1.7	2.5	8.7	27	<0.1	0.3	0.2	52
TSL 42842	Soil			1.2	19.2	12.9	64	<0.1	14.6	8.5	525	3.63	8.6	0.4	1.9	2.9	13	0.2	0.5	0.2	79
TSL 42846	Soil			0.3	44.6	8.7	51	<0.1	28.8	14.1	268	2.27	3.2	0.3	1.1	1.1	13	<0.1	0.1	<0.1	61
TSL 42847	Soil			0.7	26.3	23.8	86	<0.1	14.7	9.8	509	2.69	5.2	0.6	3.3	1.7	14	0.2	0.3	0.2	54
TSL 42848	Soil			1.1	22.7	12.8	110	<0.1	13.9	10.0	445	3.51	6.8	0.5	0.6	2.2	16	0.1	0.3	0.2	69
TSL 42849	Soil			1.1	24.3	24.3	123	<0.1	13.1	11.5	586	3.41	6.0	0.6	2.1	2.6	15	0.1	0.2	0.2	59
TSL 42850	Soil			1.0	25.2	16.4	110	0.1	11.6	6.9	310	2.74	5.4	0.5	0.8	2.0	12	0.2	0.2	0.2	53



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 10 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 43238	Soil	0.063	12	53	0.66	171	0.030	3	1.22	0.015	0.03	<0.1	0.03	5.9	<0.1	<0.05	4	0.7
TSL 43239	Soil	0.054	31	29	0.46	121	0.059	3	1.15	0.015	0.11	0.1	0.03	3.6	0.1	<0.05	4	<0.5
TSL 43240	Soil	0.033	59	37	0.62	106	0.114	2	1.52	0.014	0.29	<0.1	0.02	4.4	0.3	<0.05	5	0.7
TSL 43241	Soil	0.124	12	60	1.26	135	0.154	3	2.15	0.010	0.63	<0.1	<0.01	6.8	0.3	<0.05	8	<0.5
TSL 43242	Soil	0.013	11	52	0.94	96	0.083	2	2.39	0.008	0.11	<0.1	<0.01	4.1	0.1	<0.05	7	<0.5
TSL 43275	Soil	0.061	86	31	0.61	101	0.085	2	1.36	0.007	0.29	<0.1	<0.01	4.3	0.3	<0.05	5	<0.5
TSL 43276	Soil	0.063	19	69	1.06	150	0.161	1	2.43	0.015	0.48	0.1	0.01	5.1	0.3	<0.05	8	<0.5
TSL 43278	Soil	0.048	21	38	0.59	124	0.085	2	1.76	0.010	0.09	0.1	0.03	4.0	0.1	<0.05	6	<0.5
TSL 43282	Soil	0.053	42	36	0.61	145	0.083	2	1.72	0.011	0.08	0.1	0.02	4.5	0.1	<0.05	6	<0.5
TSL 43283	Soil	0.056	36	44	0.78	152	0.087	2	1.90	0.012	0.11	<0.1	0.02	4.5	0.2	<0.05	6	<0.5
TSL 43284	Soil	0.045	43	21	0.35	165	0.012	2	1.01	0.013	0.08	<0.1	0.02	6.5	0.2	<0.05	3	0.6
TSL 38480	Soil	0.042	20	27	0.52	324	0.117	3	1.64	0.013	0.08	0.2	0.03	6.2	0.1	<0.05	5	0.6
TSL 38482	Soil	0.047	12	23	0.48	233	0.098	2	1.36	0.018	0.10	0.1	0.02	4.2	<0.1	<0.05	5	<0.5
TSL 38497	Soil	0.031	8	23	0.38	227	0.091	2	1.58	0.012	0.15	0.1	0.04	3.4	<0.1	<0.05	6	<0.5
TSL 38498	Soil	0.023	20	29	0.40	203	0.071	1	1.68	0.013	0.06	0.1	0.01	3.4	<0.1	<0.05	6	<0.5
TSL 38499	Soil	0.026	9	23	0.36	196	0.080	1	1.57	0.013	0.12	0.1	0.02	3.2	0.1	<0.05	6	<0.5
TSL 38500	Soil	0.018	19	35	0.50	224	0.079	1	2.01	0.011	0.07	0.1	0.02	5.1	<0.1	<0.05	6	0.5
TSL 39005	Soil	0.021	17	18	0.27	157	0.076	1	1.18	0.010	0.08	0.1	<0.01	3.6	<0.1	<0.05	5	<0.5
TSL 39006	Soil	0.022	24	28	0.44	198	0.098	1	1.85	0.011	0.10	0.1	0.01	4.5	0.1	<0.05	6	<0.5
TSL 39007	Soil	0.032	15	30	0.48	228	0.107	<1	1.78	0.015	0.13	0.1	0.01	4.0	0.1	<0.05	6	<0.5
TSL 39008	Soil	0.028	29	29	0.44	497	0.096	1	1.70	0.013	0.10	0.1	0.02	4.0	0.1	<0.05	6	<0.5
TSL 39009	Soil	0.030	9	27	0.42	256	0.087	1	1.61	0.013	0.13	0.1	0.01	3.5	<0.1	<0.05	5	<0.5
TSL 39010	Soil	0.031	22	31	0.47	543	0.076	1	1.81	0.015	0.06	0.1	0.02	4.4	<0.1	<0.05	5	<0.5
TSL 39011	Soil	0.032	44	26	0.36	738	0.068	<1	1.53	0.012	0.07	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5
TSL 42842	Soil	0.043	9	33	0.37	143	0.071	1	2.15	0.012	0.05	0.1	0.02	2.9	<0.1	<0.05	8	<0.5
TSL 42846	Soil	0.040	5	64	0.90	133	0.097	1	1.47	0.020	0.06	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5
TSL 42847	Soil	0.044	9	27	0.47	185	0.062	1	1.65	0.014	0.07	0.1	0.02	4.2	<0.1	<0.05	6	<0.5
TSL 42848	Soil	0.045	9	29	0.55	190	0.106	2	1.94	0.015	0.09	<0.1	0.01	4.6	<0.1	<0.05	8	<0.5
TSL 42849	Soil	0.051	9	26	0.54	170	0.109	<1	1.90	0.014	0.14	0.1	0.02	4.5	0.1	<0.05	8	<0.5
TSL 42850	Soil	0.039	9	20	0.44	156	0.090	1	1.65	0.014	0.10	<0.1	0.02	3.7	0.1	<0.05	7	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 11 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte	Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
TSL 42851	Soil		1.2	56.0	27.7	147	0.5	13.0	9.0	411	2.68	7.9	1.1	8.2	1.5	16	0.6	0.2	0.2	54	0.17	
TSL 42852	Soil		0.9	35.8	12.6	95	<0.1	12.2	7.3	314	2.71	6.6	0.5	9.0	2.0	16	0.2	0.3	0.2	64	0.18	
TSL 42853	Soil		0.5	39.3	8.7	63	<0.1	13.2	9.1	243	2.32	4.9	0.5	4.5	2.7	17	0.1	0.3	<0.1	62	0.25	
TSL 42854	Soil		0.6	27.3	9.6	59	<0.1	16.4	9.4	284	2.77	6.0	0.6	2.2	3.3	15	0.1	0.3	0.2	70	0.19	
TSL 42855	Soil		0.8	23.4	12.9	64	<0.1	16.6	9.1	351	2.73	6.3	0.7	2.7	4.2	13	0.1	0.4	0.2	68	0.15	
TSL 42856	Soil		0.8	42.4	11.5	64	<0.1	15.6	8.2	229	2.94	7.3	0.4	2.0	1.7	17	<0.1	0.4	0.2	72	0.19	
TSL 42870	Soil		1.2	20.9	8.8	56	<0.1	9.2	4.7	203	2.29	5.0	0.4	1.5	1.6	11	0.1	0.3	0.3	62	0.11	
TSL 42871	Soil		1.0	32.7	13.1	73	<0.1	17.5	8.1	271	3.24	8.2	0.8	2.0	4.5	14	0.1	0.4	0.2	64	0.14	
TSL 42872	Soil		1.3	15.4	15.0	58	<0.1	10.8	5.8	256	3.48	8.7	0.4	<0.5	4.8	8	<0.1	0.5	0.3	83	0.08	
TSL 42873	Soil		1.1	19.9	9.0	79	0.2	5.8	3.2	328	1.67	2.9	0.3	4.4	0.7	11	0.2	0.2	0.2	34	0.08	
TSL 42631	Soil		0.7	46.6	17.9	117	0.2	8.6	6.0	421	2.20	4.3	0.5	<0.5	1.1	35	0.4	0.2	0.2	40	0.35	
TSL 42632	Soil		0.9	26.3	14.0	95	0.1	10.8	5.1	263	2.56	5.3	0.5	2.2	2.1	16	0.1	0.2	0.2	47	0.18	
TSL 42633	Soil		0.7	19.5	9.8	71	<0.1	11.2	6.9	322	2.81	5.9	0.6	<0.5	2.2	19	0.1	0.3	0.1	46	0.18	
TSL 42650	Soil		0.8	17.0	38.8	71	<0.1	11.6	7.9	387	3.07	6.2	0.8	1.4	4.4	16	<0.1	0.3	0.2	43	0.15	
TSL 42651	Soil		0.7	14.9	60.6	68	<0.1	9.0	7.2	409	3.05	4.6	0.9	0.8	5.1	11	<0.1	0.3	0.3	29	0.11	
TSL 42652	Soil		0.7	85.7	7.2	132	<0.1	8.6	7.4	376	3.71	6.1	0.9	<0.5	3.6	11	0.2	0.3	0.2	44	0.12	
TSL 42653	Soil		0.3	70.0	7.4	52	<0.1	6.4	14.0	310	2.94	2.9	0.2	0.8	1.2	8	<0.1	0.2	<0.1	78	0.23	
TSL 42654	Soil		0.2	69.4	7.3	53	<0.1	6.4	14.6	317	2.96	3.0	0.2	<0.5	1.2	9	<0.1	0.2	<0.1	79	0.24	
TSL 42655	Soil		1.3	18.8	11.1	112	<0.1	11.8	8.0	532	4.01	10.8	0.4	2.8	1.9	12	0.1	0.5	0.2	70	0.13	
TSL 42656	Soil		0.5	48.7	9.1	102	<0.1	20.0	13.0	526	3.70	6.4	0.9	1.6	3.3	22	0.2	0.4	0.1	47	0.25	
TSL 42657	Soil		0.5	83.5	14.4	94	<0.1	11.5	12.2	414	3.09	4.4	0.3	<0.5	1.1	16	0.2	0.2	0.1	65	0.22	
TSL 42658	Soil		0.9	165.6	25.7	304	0.2	13.6	36.2	1673	7.11	25.8	1.6	3.3	2.0	18	0.7	0.3	0.2	131	0.26	
TSL 42659	Soil		0.8	81.9	21.6	151	0.2	10.3	10.9	499	3.10	4.2	0.8	3.4	1.3	23	0.4	0.2	0.2	58	0.33	
TSL 42660	Soil		1.1	63.9	14.7	128	0.1	7.9	6.8	288	2.10	6.1	0.5	2.7	1.1	17	0.2	0.2	0.2	35	0.28	
TSL 42661	Soil		0.8	56.4	15.3	73	0.2	5.8	3.2	182	1.48	2.9	0.8	0.8	0.5	14	0.3	0.1	0.2	30	0.16	
TSL 42581	Soil		1.1	16.0	13.8	96	<0.1	10.5	8.7	364	3.52	6.7	0.6	<0.5	2.7	15	0.2	0.4	0.2	63	0.14	
TSL 42582	Soil		1.0	10.7	8.5	51	<0.1	8.2	4.7	262	2.32	6.1	0.4	0.9	1.3	13	0.2	0.4	0.2	52	0.13	
TSL 42583	Soil		1.1	15.9	9.1	41	<0.1	8.9	5.5	226	2.52	6.3	0.4	<0.5	1.6	17	0.1	0.4	0.2	64	0.14	
TSL 42584	Soil		0.5	34.3	9.3	97	<0.1	15.7	11.7	349	3.48	6.7	0.8	0.9	4.2	16	0.1	0.5	0.2	65	0.16	
TSL 42585	Soil		1.4	41.8	10.4	106	0.1	22.9	11.5	353	3.28	10.2	0.7	1.2	3.3	22	0.2	0.6	0.2	66	0.23	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 11 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09003135.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 42851	Soil	0.059	14	26	0.41	206	0.053	1	1.85	0.016	0.09	0.1	0.07	3.6	0.1	<0.05	6	<0.5
TSL 42852	Soil	0.039	9	21	0.48	140	0.088	<1	1.64	0.015	0.10	<0.1	0.02	3.3	0.1	0.06	7	<0.5
TSL 42853	Soil	0.039	10	23	0.54	156	0.096	<1	1.46	0.018	0.08	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5
TSL 42854	Soil	0.034	11	29	0.49	185	0.089	1	1.86	0.015	0.06	0.1	0.01	3.8	<0.1	<0.05	6	<0.5
TSL 42855	Soil	0.032	14	31	0.42	195	0.074	2	1.82	0.013	0.06	0.1	0.01	3.7	<0.1	<0.05	6	<0.5
TSL 42856	Soil	0.028	8	25	0.51	177	0.088	<1	1.78	0.014	0.06	0.1	0.02	3.5	<0.1	<0.05	6	<0.5
TSL 42870	Soil	0.027	6	17	0.29	109	0.075	1	1.33	0.011	0.06	0.1	0.02	2.5	<0.1	0.09	7	<0.5
TSL 42871	Soil	0.045	23	28	0.46	198	0.066	2	2.26	0.012	0.06	0.2	0.02	4.1	<0.1	<0.05	7	0.7
TSL 42872	Soil	0.041	6	22	0.26	85	0.065	<1	1.71	0.009	0.04	0.1	0.02	2.2	<0.1	0.06	8	<0.5
TSL 42873	Soil	0.029	4	10	0.19	156	0.077	1	0.73	0.014	0.09	0.1	0.05	1.3	<0.1	<0.05	6	<0.5
TSL 42631	Soil	0.027	8	15	0.39	262	0.071	1	1.07	0.014	0.09	<0.1	0.03	2.4	0.1	<0.05	6	<0.5
TSL 42632	Soil	0.025	11	23	0.45	205	0.076	2	1.52	0.011	0.10	0.1	0.04	3.6	<0.1	<0.05	7	<0.5
TSL 42633	Soil	0.036	9	20	0.37	172	0.077	<1	1.48	0.010	0.09	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5
TSL 42650	Soil	0.028	10	23	0.38	170	0.066	1	1.59	0.010	0.12	<0.1	0.02	3.7	<0.1	<0.05	5	0.5
TSL 42651	Soil	0.022	10	17	0.31	150	0.050	<1	1.29	0.009	0.17	<0.1	0.01	3.5	0.1	<0.05	4	<0.5
TSL 42652	Soil	0.036	9	16	0.31	156	0.045	<1	1.44	0.007	0.15	<0.1	0.02	4.0	0.1	<0.05	7	0.6
TSL 42653	Soil	0.031	3	8	0.69	168	0.180	<1	1.49	0.023	0.32	<0.1	0.01	4.0	0.1	<0.05	5	<0.5
TSL 42654	Soil	0.032	3	8	0.66	166	0.175	<1	1.44	0.022	0.30	<0.1	<0.01	4.2	0.1	<0.05	5	<0.5
TSL 42655	Soil	0.056	6	27	0.40	243	0.084	<1	1.92	0.012	0.15	0.1	0.01	3.9	<0.1	<0.05	8	<0.5
TSL 42656	Soil	0.046	10	24	0.68	307	0.161	1	2.10	0.015	0.39	0.1	0.02	4.0	0.2	<0.05	7	<0.5
TSL 42657	Soil	0.039	5	13	0.62	181	0.100	1	1.60	0.016	0.15	<0.1	0.01	3.7	0.1	<0.05	6	<0.5
TSL 42658	Soil	0.039	11	14	0.31	707	0.012	3	1.22	0.009	0.17	<0.1	0.07	21.2	0.2	<0.05	4	0.6
TSL 42659	Soil	0.039	12	17	0.41	365	0.039	2	1.38	0.017	0.11	<0.1	0.05	6.4	0.1	<0.05	6	<0.5
TSL 42660	Soil	0.042	8	15	0.37	238	0.046	1	1.07	0.017	0.09	0.1	0.05	3.8	<0.1	<0.05	5	<0.5
TSL 42661	Soil	0.048	8	13	0.19	242	0.033	2	0.97	0.012	0.05	0.1	0.06	2.1	<0.1	0.05	5	<0.5
TSL 42581	Soil	0.029	8	21	0.66	212	0.094	2	2.20	0.009	0.18	<0.1	0.01	3.4	0.1	<0.05	8	<0.5
TSL 42582	Soil	0.046	7	16	0.27	135	0.079	<1	1.13	0.009	0.08	<0.1	0.01	1.7	<0.1	<0.05	6	<0.5
TSL 42583	Soil	0.035	6	16	0.30	183	0.099	<1	1.15	0.010	0.09	0.1	0.02	1.9	<0.1	<0.05	7	<0.5
TSL 42584	Soil	0.023	14	24	0.73	213	0.106	<1	2.10	0.011	0.22	0.1	0.01	5.0	0.2	<0.05	7	<0.5
TSL 42585	Soil	0.035	9	34	0.59	330	0.092	2	2.34	0.011	0.10	0.1	0.03	3.0	0.1	<0.05	6	<0.5



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Underworld Resources, Inc.

1500 - 409 Granville Street

Vancouver BC V6C 1T2 Canada

Project: TSL

Report Date: August 07, 2009

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

VAN09003135.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
TSL 42093	Soil		2.4	80.0	10.0	368	0.1	6.0	5.4	525	3.44	10.6	0.7	1.4	4.2	17	0.2	0.1	<0.1	43	0.14
REP TSL 42093	QC		2.4	79.8	9.9	366	0.1	6.0	5.4	527	3.40	10.3	0.7	2.1	4.2	17	0.2	0.1	0.1	43	0.14
TSL 42416	Soil		0.5	30.5	5.9	63	<0.1	10.8	9.4	307	2.53	4.1	0.4	1.7	1.5	16	0.1	0.2	<0.1	59	0.30
REP TSL 42416	QC		0.5	30.8	5.9	60	<0.1	10.2	9.7	303	2.58	4.2	0.4	8.5	1.6	16	0.2	0.2	<0.1	60	0.30
TSL 43830	Soil		0.7	18.7	10.8	68	<0.1	23.1	14.2	414	2.73	4.3	1.0	1.7	4.7	24	0.1	0.2	0.2	58	0.38
REP TSL 43830	QC		0.8	19.1	11.3	69	<0.1	25.4	14.7	456	2.91	4.4	1.0	2.5	4.7	25	0.1	0.2	0.2	62	0.42
TSL 43839	Soil		0.9	23.7	10.4	49	<0.1	11.4	6.0	255	2.14	3.4	1.7	3.9	8.5	19	0.1	0.3	0.1	42	0.22
REP TSL 43839	QC		0.9	23.4	10.1	50	<0.1	11.0	6.3	261	2.05	3.4	1.7	0.8	8.5	18	0.1	0.3	0.1	43	0.20
TSL 43722	Soil		0.6	69.5	5.2	56	0.1	20.0	11.1	539	2.17	3.7	1.7	1.5	1.0	47	0.2	0.3	0.1	57	1.51
REP TSL 43722	QC		0.6	69.7	4.9	59	0.1	20.6	11.1	537	2.20	3.5	1.5	5.5	0.9	48	0.2	0.3	0.1	57	1.51
TSL 43538	Soil		1.4	15.3	10.4	35	<0.1	9.0	4.3	180	2.61	5.5	0.5	2.0	2.7	9	<0.1	0.4	0.2	58	0.07
REP TSL 43538	QC		1.4	15.1	10.4	36	<0.1	9.0	4.4	181	2.66	5.7	0.5	<0.5	2.7	9	<0.1	0.4	0.2	60	0.08
TSL 43614	Soil		1.1	19.7	9.6	39	<0.1	12.1	6.3	244	3.18	9.1	0.6	1.2	2.8	16	0.1	0.5	0.2	73	0.15
REP TSL 43614	QC		1.2	20.0	9.5	38	<0.1	12.3	6.3	245	3.14	9.2	0.6	2.4	2.7	16	0.1	0.5	0.2	74	0.15
TSL 43621	Soil		0.9	20.6	21.1	53	<0.1	26.9	9.2	322	2.92	9.4	0.8	1.3	5.4	24	<0.1	0.5	0.2	64	0.20
REP TSL 43621	QC		1.1	21.1	22.0	55	<0.1	28.0	9.5	328	2.98	9.7	0.9	0.8	5.4	25	<0.1	0.5	0.2	65	0.21
TSL 43391	Soil		1.6	41.5	22.1	135	<0.1	50.7	22.4	322	4.15	3.0	2.8	<0.5	15.9	15	<0.1	0.2	0.5	50	0.24
REP TSL 43391	QC		1.6	46.3	22.1	140	<0.1	52.7	22.8	314	4.34	3.2	2.9	<0.5	15.9	15	0.2	0.2	0.5	52	0.23
TSL 43305	Soil		1.1	46.1	7.3	63	0.1	24.1	15.2	395	3.29	10.4	0.5	<0.5	1.7	20	<0.1	0.3	0.1	97	0.32
REP TSL 43305	QC		1.0	50.2	7.4	60	0.1	24.9	16.2	395	3.37	10.8	0.4	0.9	1.7	20	<0.1	0.3	0.2	105	0.34
TSL 43524	Soil		0.8	17.4	8.9	51	<0.1	8.2	6.6	410	3.27	3.3	1.4	0.8	4.1	17	<0.1	0.3	0.1	50	0.20
REP TSL 43524	QC		0.9	17.3	8.8	51	<0.1	7.1	6.6	408	3.15	3.5	1.3	0.9	4.0	17	<0.1	0.4	0.1	51	0.21
TSL 43506	Soil		0.8	15.7	8.9	46	<0.1	16.7	9.2	337	3.14	7.3	0.5	<0.5	3.2	24	0.1	0.3	<0.1	73	0.26
REP TSL 43506	QC		0.9	16.3	8.8	46	<0.1	15.5	8.7	326	3.04	7.2	0.5	3.3	3.3	24	<0.1	0.3	0.1	71	0.26
TSL 42901	Soil		0.8	17.2	6.7	86	<0.1	7.7	6.2	392	2.88	4.8	0.3	0.9	1.5	14	<0.1	0.2	0.1	50	0.16
REP TSL 42901	QC		0.8	17.6	6.6	84	<0.1	8.4	6.2	417	3.00	5.2	0.3	1.3	1.4	14	<0.1	0.2	0.1	52	0.17
TSL 43648	Soil		0.6	27.4	17.3	87	<0.1	33.2	13.9	284	3.78	4.0	1.2	1.2	9.9	15	<0.1	0.2	0.3	52	0.18
REP TSL 43648	QC		0.6	26.8	17.8	86	<0.1	31.7	13.9	288	3.82	3.7	1.1	1.2	10.1	15	<0.1	0.3	0.2	54	0.18



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

VAN09003135.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
		MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1
Pulp Duplicates																		
TSL 42093	Soil		0.040	16	12	0.69	319	0.084	2	1.49	0.022	0.33	<0.1	<0.01	2.5	0.1	0.28	6
REP TSL 42093	QC		0.040	16	12	0.71	318	0.087	1	1.53	0.025	0.30	<0.1	<0.01	2.4	0.1	0.28	6
TSL 42416	Soil		0.048	6	16	0.49	163	0.086	<1	1.31	0.018	0.07	0.1	<0.01	3.1	<0.1	<0.05	5
REP TSL 42416	QC		0.047	6	17	0.51	158	0.086	<1	1.40	0.018	0.07	0.2	<0.01	3.3	<0.1	<0.05	5
TSL 43830	Soil		0.056	24	33	0.56	135	0.080	1	1.55	0.019	0.11	0.1	0.03	3.1	0.1	<0.05	5
REP TSL 43830	QC		0.058	25	34	0.58	142	0.085	2	1.56	0.020	0.11	0.1	0.02	3.4	0.1	<0.05	5
TSL 43839	Soil		0.025	22	21	0.33	149	0.097	1	1.19	0.016	0.15	<0.1	<0.01	4.2	0.1	<0.05	5
REP TSL 43839	QC		0.024	22	20	0.33	151	0.094	<1	1.21	0.016	0.15	<0.1	0.01	4.1	0.1	<0.05	4
TSL 43722	Soil		0.075	10	33	0.71	324	0.046	2	1.40	0.025	0.05	<0.1	0.06	4.6	<0.1	0.07	4
REP TSL 43722	QC		0.075	10	33	0.71	313	0.050	4	1.46	0.025	0.05	<0.1	0.06	4.2	<0.1	0.05	4
TSL 43538	Soil		0.040	7	17	0.21	87	0.101	<1	1.08	0.013	0.07	0.2	0.03	2.8	<0.1	<0.05	8
REP TSL 43538	QC		0.040	8	18	0.22	88	0.102	<1	1.14	0.014	0.07	0.1	0.03	2.9	<0.1	<0.05	8
TSL 43614	Soil		0.037	9	25	0.33	148	0.083	1	1.54	0.010	0.09	0.1	0.01	3.9	<0.1	<0.05	7
REP TSL 43614	QC		0.036	9	25	0.32	140	0.086	1	1.52	0.009	0.09	<0.1	0.01	3.9	<0.1	<0.05	7
TSL 43621	Soil		0.016	12	42	0.54	349	0.080	<1	2.00	0.013	0.07	<0.1	0.01	4.8	<0.1	<0.05	6
REP TSL 43621	QC		0.017	12	42	0.55	361	0.084	<1	2.06	0.013	0.08	<0.1	<0.01	5.0	<0.1	<0.05	6
TSL 43391	Soil		0.064	41	55	1.25	142	0.157	2	2.27	0.012	0.63	<0.1	<0.01	4.1	0.4	<0.05	8
REP TSL 43391	QC		0.066	40	54	1.28	142	0.150	1	2.33	0.013	0.60	<0.1	<0.01	4.0	0.4	<0.05	8
TSL 43305	Soil		0.052	7	53	0.83	208	0.160	2	2.20	0.020	0.08	0.1	0.02	3.9	0.1	<0.05	9
REP TSL 43305	QC		0.053	6	56	0.84	207	0.170	2	2.17	0.019	0.08	0.1	0.02	4.0	0.1	<0.05	9
TSL 43524	Soil		0.035	18	15	0.35	228	0.047	<1	1.52	0.012	0.11	0.1	0.02	5.5	<0.1	<0.05	8
REP TSL 43524	QC		0.034	18	15	0.35	229	0.052	2	1.56	0.012	0.12	<0.1	0.01	5.6	<0.1	<0.05	8
TSL 43506	Soil		0.019	6	25	0.50	537	0.098	<1	2.03	0.016	0.11	<0.1	0.01	4.4	<0.1	<0.05	6
REP TSL 43506	QC		0.020	6	24	0.47	563	0.102	<1	1.96	0.017	0.11	0.1	0.01	4.4	<0.1	<0.05	6
TSL 42901	Soil		0.055	5	15	0.51	151	0.108	<1	1.39	0.016	0.27	0.1	<0.01	3.4	0.1	<0.05	8
REP TSL 42901	QC		0.053	6	16	0.51	158	0.113	1	1.41	0.013	0.28	0.1	<0.01	3.5	0.1	<0.05	8
TSL 43648	Soil		0.020	23	39	0.81	172	0.110	<1	2.44	0.014	0.20	<0.1	<0.01	3.7	0.2	<0.05	8
REP TSL 43648	QC		0.020	23	39	0.83	173	0.113	<1	2.47	0.014	0.21	0.1	<0.01	3.6	0.3	<0.05	8



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Underworld Resources, Inc.

1500 - 409 Granville Street

Vancouver BC V6C 1T2 Canada

Project: TSL

Report Date: August 07, 2009

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

VAN09003135.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
TSL 38480	Soil		0.8	27.4	10.3	60	<0.1	15.7	9.4	331	2.81	7.7	1.6	1.5	4.7	32	0.1	0.4	0.1	68	0.35
REP TSL 38480	QC		0.9	29.1	10.3	58	<0.1	16.2	9.5	336	2.87	7.6	1.5	2.8	4.8	32	0.1	0.4	0.2	67	0.37
TSL 42849	Soil		1.1	24.3	24.3	123	<0.1	13.1	11.5	586	3.41	6.0	0.6	2.1	2.6	15	0.1	0.2	0.2	59	0.19
REP TSL 42849	QC		1.0	24.6	24.0	125	<0.1	12.9	11.2	581	3.32	5.9	0.5	1.0	2.6	14	0.2	0.2	0.2	57	0.19
TSL 42651	Soil		0.7	14.9	60.6	68	<0.1	9.0	7.2	409	3.05	4.6	0.9	0.8	5.1	11	<0.1	0.3	0.3	29	0.11
REP TSL 42651	QC		0.6	14.7	59.1	70	<0.1	8.8	7.9	399	3.03	4.7	0.9	0.9	5.2	11	<0.1	0.3	0.3	30	0.11
TSL 42655	Soil		1.3	18.8	11.1	112	<0.1	11.8	8.0	532	4.01	10.8	0.4	2.8	1.9	12	0.1	0.5	0.2	70	0.13
REP TSL 42655	QC		1.3	18.9	11.6	103	<0.1	11.0	8.1	515	3.87	11.4	0.4	<0.5	1.9	12	0.2	0.6	0.2	69	0.13
TSL 42584	Soil		0.5	34.3	9.3	97	<0.1	15.7	11.7	349	3.48	6.7	0.8	0.9	4.2	16	0.1	0.5	0.2	65	0.16
REP TSL 42584	QC		0.5	33.1	9.8	96	<0.1	16.5	11.7	352	3.48	7.4	0.8	0.8	4.4	18	0.2	0.5	0.1	66	0.17
Reference Materials																					
STD DS7	Standard		21.1	111.2	69.2	409	0.9	55.0	9.4	652	2.48	52.1	4.9	65.1	4.5	80	6.3	6.4	4.8	83	0.95
STD DS7	Standard		20.6	103.4	65.9	386	0.8	55.4	9.6	623	2.43	51.4	4.8	59.5	3.8	74	6.0	5.7	4.4	83	0.96
STD DS7	Standard		21.3	117.3	73.6	398	0.9	58.4	9.8	637	2.40	52.4	5.3	93.8	4.7	78	6.1	6.1	4.5	87	0.99
STD DS7	Standard		21.1	109.9	69.6	395	0.8	55.9	9.4	636	2.47	51.1	5.2	82.1	4.5	74	6.4	5.8	4.5	88	1.02
STD DS7	Standard		19.7	112.2	73.4	410	0.9	54.9	9.9	639	2.42	50.3	4.9	64.5	4.3	67	6.3	5.9	4.9	81	0.88
STD DS7	Standard		19.7	105.7	67.5	375	0.8	51.8	8.9	627	2.32	50.2	5.0	78.8	4.8	82	6.9	6.1	4.7	81	0.96
STD DS7	Standard		20.9	111.9	65.8	403	0.9	57.3	9.7	646	2.49	53.4	4.8	71.4	4.4	83	7.1	6.4	4.6	86	0.98
STD DS7	Standard		24.2	115.0	75.3	408	0.8	62.7	10.5	665	2.56	49.7	5.4	68.1	5.0	80	6.3	6.0	4.6	95	1.03
STD DS7	Standard		20.6	112.5	71.0	382	0.8	58.7	10.1	608	2.37	47.4	4.9	120.0	4.3	70	5.8	5.6	4.3	89	0.92
STD DS7	Standard		21.7	100.8	75.0	385	0.9	56.3	9.9	676	2.65	57.4	5.5	65.1	4.5	73	6.9	5.4	4.2	87	0.97
STD DS7	Standard		20.7	109.7	64.5	412	0.8	56.3	9.3	627	2.45	51.4	4.5	70.0	4.2	76	6.1	6.2	4.4	81	0.94
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: TSL
Report Date: August 07, 2009

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

VAN09003135.1

		1DX15 P %	1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
TSL 38480	Soil	0.042	20	27	0.52	324	0.117	3	1.64	0.013	0.08	0.2	0.03	6.2	0.1	<0.05	5	0.6
REP TSL 38480	QC	0.039	20	30	0.49	328	0.116	4	1.56	0.016	0.09	0.2	0.03	6.2	<0.1	<0.05	6	<0.5
TSL 42849	Soil	0.051	9	26	0.54	170	0.109	<1	1.90	0.014	0.14	0.1	0.02	4.5	0.1	<0.05	8	<0.5
REP TSL 42849	QC	0.052	9	25	0.55	175	0.107	<1	1.92	0.015	0.14	0.1	0.02	4.4	0.1	<0.05	8	<0.5
TSL 42651	Soil	0.022	10	17	0.31	150	0.050	<1	1.29	0.009	0.17	<0.1	0.01	3.5	0.1	<0.05	4	<0.5
REP TSL 42651	QC	0.022	9	17	0.32	149	0.048	<1	1.35	0.011	0.16	0.1	<0.01	3.3	<0.1	<0.05	5	<0.5
TSL 42655	Soil	0.056	6	27	0.40	243	0.084	<1	1.92	0.012	0.15	0.1	0.01	3.9	<0.1	<0.05	8	<0.5
REP TSL 42655	QC	0.055	6	27	0.41	241	0.083	<1	1.91	0.011	0.14	0.1	0.01	3.9	<0.1	<0.05	9	<0.5
TSL 42584	Soil	0.023	14	24	0.73	213	0.106	<1	2.10	0.011	0.22	0.1	0.01	5.0	0.2	<0.05	7	<0.5
REP TSL 42584	QC	0.023	15	24	0.74	218	0.112	1	2.22	0.010	0.21	0.1	0.02	5.1	0.2	<0.05	7	<0.5
Reference Materials																		
STD DS7	Standard	0.082	13	206	1.07	433	0.129	40	1.07	0.111	0.48	4.2	0.20	3.0	4.6	0.17	5	3.9
STD DS7	Standard	0.074	13	209	1.00	414	0.114	38	1.02	0.099	0.45	3.6	0.17	2.5	4.3	0.12	5	3.3
STD DS7	Standard	0.076	14	214	1.05	408	0.129	39	1.04	0.097	0.48	4.0	0.19	2.6	4.0	0.21	5	3.6
STD DS7	Standard	0.076	13	212	1.04	416	0.125	38	1.00	0.095	0.47	3.8	0.18	2.4	4.0	0.20	5	3.9
STD DS7	Standard	0.076	12	203	1.03	400	0.117	38	1.00	0.087	0.46	4.0	0.22	2.3	4.5	0.16	5	3.6
STD DS7	Standard	0.082	15	201	1.02	414	0.129	39	1.05	0.103	0.47	3.7	0.19	2.8	4.3	0.16	5	4.0
STD DS7	Standard	0.089	14	210	1.10	421	0.125	42	1.09	0.117	0.52	3.7	0.18	2.7	4.0	0.22	5	4.1
STD DS7	Standard	0.076	15	233	1.04	400	0.134	39	1.07	0.105	0.47	3.9	0.19	2.7	4.2	0.20	5	3.9
STD DS7	Standard	0.082	13	211	1.01	381	0.126	38	1.01	0.093	0.43	3.8	0.19	2.7	4.0	0.18	5	3.6
STD DS7	Standard	0.083	13	237	1.11	453	0.118	41	1.06	0.109	0.48	3.4	0.20	2.7	4.0	0.23	5	4.0
STD DS7	Standard	0.079	13	206	1.01	417	0.126	37	1.03	0.097	0.47	4.0	0.19	2.9	4.2	0.19	5	3.3
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Underworld Resources, Inc.

1500 - 409 Granville Street

Vancouver BC V6C 1T2 Canada

Project: TSL

Report Date: August 07, 2009

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

VAN09003135.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Underworld Resources, Inc.

1500 - 409 Granville Street

Vancouver BC V6C 1T2 Canada

Project: TSL

Report Date: August 07, 2009

Page: 3 of 3 **Part** 2

QUALITY CONTROL REPORT

VAN09003135.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1