



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 14, 2009
Report Date: July 23, 2009
Page: 1 of 12

CERTIFICATE OF ANALYSIS

VAN09002904.1

CLIENT JOB INFORMATION

Project: TSL
Shipment ID:
P.O. Number
Number of Samples: 314

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
SS80	314	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	314	Dry at 60C		
1DX15	313	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed

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: July 23, 2009

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40001	Soil		1.3	17.4	17.1	62	<0.1	16.2	9.5	359	3.34	7.3	0.7	3.1	5.7	17	0.1	0.5	0.2	65	0.24
TSL 40004	Soil		0.7	22.9	23.6	82	<0.1	14.7	9.9	476	2.42	5.4	0.9	5.9	3.5	23	0.2	0.3	0.2	51	0.34
TSL 40041	Soil		0.7	16.6	17.2	85	<0.1	11.0	8.1	318	2.71	7.9	0.7	1.4	2.8	14	<0.1	0.4	0.1	54	0.22
TSL 40042	Soil		0.5	14.0	10.6	55	<0.1	8.1	5.0	146	1.90	3.9	0.6	2.6	1.5	14	<0.1	0.3	0.1	32	0.20
TSL 40043	Soil		0.6	19.8	10.3	58	<0.1	9.5	6.2	194	2.12	4.6	0.6	3.1	1.4	16	<0.1	0.3	0.1	46	0.23
TSL 40044	Soil		0.4	18.5	2.5	25	<0.1	12.1	14.0	162	1.80	4.3	0.2	1.2	0.5	14	<0.1	0.1	<0.1	49	0.29
TSL 40045	Soil		0.2	10.5	2.8	22	<0.1	8.4	10.1	148	2.00	4.0	0.2	2.1	0.8	14	<0.1	0.2	<0.1	54	0.31
TSL 40046	Soil		1.7	53.6	4.8	125	<0.1	24.2	29.1	452	6.00	8.4	0.5	0.7	1.2	45	<0.1	0.3	<0.1	143	0.49
TSL 40047	Soil		0.7	45.6	7.1	55	<0.1	22.5	12.2	371	2.93	9.5	0.9	15.3	3.2	28	<0.1	0.6	0.1	64	0.39
TSL 40048	Soil		0.9	31.4	7.4	52	<0.1	21.0	11.9	234	3.03	9.8	0.4	4.2	2.3	19	0.1	0.5	0.1	76	0.25
TSL 40049	Soil		0.7	44.1	6.2	67	<0.1	13.7	12.5	317	3.51	5.2	0.4	1.5	2.2	13	<0.1	0.2	<0.1	77	0.30
TSL 40050	Soil		0.8	34.9	5.9	103	<0.1	5.5	12.9	343	4.48	4.0	0.7	1.9	3.2	13	<0.1	<0.1	<0.1	39	0.25
TSL 40051	Soil		2.0	39.1	6.3	109	0.2	16.4	9.8	257	4.78	4.2	0.6	7.9	2.4	27	<0.1	0.2	0.1	66	0.22
TSL 40052	Soil		2.2	37.5	6.3	104	0.1	16.4	9.4	239	4.52	4.0	0.6	6.2	2.2	26	<0.1	0.2	0.1	61	0.19
TSL 40053	Soil		0.9	27.4	7.7	116	<0.1	18.0	10.9	447	3.27	6.9	0.5	0.8	2.6	22	0.2	0.4	<0.1	49	0.26
TSL 40054	Soil		2.1	47.4	15.8	99	<0.1	11.6	8.1	410	6.62	1.3	0.6	2.5	1.0	28	<0.1	<0.1	0.2	68	0.13
TSL 40055	Soil		3.8	119.3	9.1	40	0.1	10.3	8.9	133	5.19	7.4	0.7	2.0	2.5	39	<0.1	0.3	0.2	52	0.15
TSL 40056	Soil		0.5	48.4	4.4	35	<0.1	13.5	11.8	208	2.18	4.9	0.1	1.6	0.6	10	<0.1	0.2	<0.1	65	0.26
TSL 40057	Soil		2.0	59.7	9.8	78	<0.1	21.7	14.7	245	3.50	10.7	0.6	9.0	2.7	19	0.2	0.4	0.1	86	0.26
TSL 40058	Soil		4.4	120.6	8.6	53	0.4	13.5	12.8	167	3.46	6.0	1.3	9.7	0.7	43	0.3	0.2	0.1	46	0.30
TSL 40059	Soil		1.9	82.7	10.4	82	0.1	16.2	15.5	386	3.72	55.7	0.9	3.4	3.0	22	0.2	0.3	0.1	99	0.25
TSL 40060	Soil		1.5	49.8	12.9	75	0.1	12.9	11.2	305	2.93	14.8	0.5	1.9	2.4	16	0.2	0.3	0.2	83	0.21
TSL 40061	Soil		1.0	42.0	11.4	74	<0.1	15.8	12.3	404	3.46	5.9	0.7	2.3	3.0	20	<0.1	0.3	<0.1	95	0.34
TSL 40062	Soil		0.7	37.7	8.9	58	<0.1	18.3	15.2	260	3.67	7.2	0.4	2.2	2.0	20	<0.1	0.3	<0.1	94	0.23
TSL 40063	Soil		0.5	66.3	6.3	45	<0.1	13.0	22.9	543	3.44	3.8	0.1	<0.5	0.7	11	<0.1	0.2	<0.1	107	0.34
TSL 39110	Soil		1.3	17.4	67.6	64	<0.1	14.1	9.4	358	2.85	4.7	1.1	3.0	5.3	36	0.1	0.3	0.4	57	0.33
TSL 39111	Soil		1.4	15.8	68.2	63	<0.1	12.7	15.5	871	2.68	5.9	0.8	11.6	3.6	25	0.1	0.3	0.5	56	0.28
TSL 39112	Soil		0.8	15.0	55.4	60	0.2	13.9	7.9	289	2.50	5.0	1.0	2.8	2.7	24	0.1	0.3	0.4	44	0.31
TSL 39113	Soil		0.8	13.7	39.2	62	<0.1	12.5	12.5	570	2.58	5.5	0.6	7.0	3.2	20	<0.1	0.3	0.3	57	0.29
TSL 39114	Soil		1.2	15.3	25.0	53	0.1	12.1	8.1	394	2.44	5.0	0.8	2.4	1.7	19	<0.1	0.3	0.2	56	0.25



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: July 23, 2009

Page: 2 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40001	Soil	0.035	12	32	0.54	277	0.113	2	2.20	0.014	0.13	0.2	0.01	4.3	0.1	<0.05	7	<0.5
TSL 40004	Soil	0.050	12	25	0.53	318	0.089	<1	1.65	0.017	0.12	0.1	0.04	3.9	0.1	<0.05	5	<0.5
TSL 40041	Soil	0.046	9	23	0.50	156	0.095	1	1.43	0.014	0.12	0.1	0.03	3.0	0.1	<0.05	6	<0.5
TSL 40042	Soil	0.035	7	17	0.34	152	0.062	<1	1.07	0.015	0.08	0.2	0.03	2.7	<0.1	<0.05	4	<0.5
TSL 40043	Soil	0.045	9	18	0.43	163	0.076	<1	1.19	0.018	0.08	0.1	0.04	3.1	<0.1	<0.05	5	<0.5
TSL 40044	Soil	0.024	2	26	0.65	117	0.077	<1	1.04	0.025	0.12	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5
TSL 40045	Soil	0.023	2	12	0.38	109	0.080	<1	0.99	0.027	0.12	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5
TSL 40046	Soil	0.033	5	54	1.57	272	0.174	<1	2.51	0.037	0.35	<0.1	0.02	7.9	0.1	0.07	9	0.5
TSL 40047	Soil	0.031	10	32	0.58	244	0.099	<1	1.43	0.031	0.08	<0.1	0.03	4.9	<0.1	<0.05	4	<0.5
TSL 40048	Soil	0.028	8	32	0.53	185	0.087	<1	1.80	0.016	0.10	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5
TSL 40049	Soil	0.044	7	19	0.83	187	0.151	<1	1.79	0.020	0.39	<0.1	<0.01	4.5	0.1	<0.05	6	<0.5
TSL 40050	Soil	0.052	13	8	0.89	299	0.162	<1	1.75	0.016	0.64	<0.1	0.01	8.3	0.2	<0.05	9	<0.5
TSL 40051	Soil	0.036	9	39	1.00	529	0.171	<1	2.05	0.027	0.51	<0.1	0.01	6.3	0.1	0.18	8	<0.5
TSL 40052	Soil	0.034	9	36	0.91	485	0.152	<1	1.83	0.022	0.49	<0.1	0.02	5.7	0.1	0.17	7	<0.5
TSL 40053	Soil	0.033	7	22	0.59	612	0.138	<1	1.69	0.014	0.32	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5
TSL 40054	Soil	0.067	7	30	1.71	572	0.350	<1	2.72	0.032	1.52	<0.1	<0.01	13.5	0.3	0.59	12	<0.5
TSL 40055	Soil	0.073	12	16	0.56	286	0.147	<1	1.70	0.060	0.38	<0.1	<0.01	5.7	0.1	0.49	6	<0.5
TSL 40056	Soil	0.026	2	27	0.51	135	0.077	<1	1.37	0.036	0.08	<0.1	<0.01	2.8	<0.1	<0.05	3	<0.5
TSL 40057	Soil	0.024	11	34	0.73	331	0.120	<1	1.97	0.021	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
TSL 40058	Soil	0.074	11	19	0.63	732	0.082	<1	2.16	0.023	0.24	<0.1	0.05	8.1	<0.1	0.13	9	0.8
TSL 40059	Soil	0.037	18	28	0.74	503	0.141	1	2.09	0.023	0.18	<0.1	0.02	5.7	0.1	<0.05	8	<0.5
TSL 40060	Soil	0.027	8	23	0.55	234	0.128	<1	1.70	0.020	0.12	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5
TSL 40061	Soil	0.041	12	27	0.77	334	0.141	<1	1.82	0.021	0.16	0.1	0.01	5.7	0.1	<0.05	7	<0.5
TSL 40062	Soil	0.017	5	30	0.85	217	0.171	<1	2.12	0.021	0.17	<0.1	0.01	3.3	0.1	<0.05	6	<0.5
TSL 40063	Soil	0.048	2	17	0.86	178	0.160	<1	1.50	0.044	0.31	<0.1	<0.01	3.9	0.1	<0.05	6	<0.5
TSL 39110	Soil	0.049	15	24	0.54	305	0.122	2	1.62	0.018	0.13	0.2	0.02	4.1	0.1	<0.05	6	<0.5
TSL 39111	Soil	0.052	11	21	0.45	219	0.101	<1	1.34	0.018	0.12	0.1	0.02	3.3	<0.1	<0.05	6	<0.5
TSL 39112	Soil	0.066	13	27	0.44	254	0.082	1	1.55	0.021	0.08	0.2	0.04	3.6	<0.1	0.07	6	<0.5
TSL 39113	Soil	0.052	10	21	0.49	171	0.099	1	1.37	0.017	0.09	0.2	0.02	2.7	<0.1	<0.05	6	<0.5
TSL 39114	Soil	0.053	11	23	0.37	181	0.078	1	1.33	0.021	0.06	0.1	0.04	2.8	<0.1	0.07	5	<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: July 23, 2009

Page: 3 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 39115	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
TSL 39116	Soil		1.4	61.1	15.4	97	0.2	15.8	15.4	378	3.25	10.1	0.9	4.3	2.3	43	0.2	0.3	0.2	76	0.52
TSL 39117	Soil		0.5	102.2	8.2	53	<0.1	15.3	17.3	349	2.75	51.6	0.3	0.8	0.7	41	<0.1	0.3	<0.1	64	0.43
TSL 39118	Soil		0.8	55.0	8.5	49	<0.1	13.5	17.3	351	2.79	4.1	0.7	2.4	1.8	34	<0.1	0.2	0.1	63	0.40
TSL 39119	Soil		0.7	60.9	3.7	45	<0.1	8.6	26.1	387	3.09	6.6	0.3	1.5	0.7	15	<0.1	0.1	<0.1	82	0.36
TSL 38177	Soil		1.3	17.8	130.2	51	<0.1	7.2	6.7	299	2.45	3.7	1.1	7.9	5.8	16	<0.1	0.3	0.4	31	0.20
TSL 38178	Soil		1.0	14.7	17.0	52	<0.1	13.3	10.0	418	2.80	6.8	0.7	2.8	3.7	15	0.1	0.3	0.2	52	0.22
TSL 38235	Soil		0.6	11.7	11.3	51	<0.1	11.5	6.2	148	2.42	4.7	1.1	3.2	2.8	20	<0.1	0.3	0.2	40	0.23
TSL 38236	Soil		1.0	14.1	12.0	53	<0.1	10.6	8.1	286	2.41	5.1	1.2	4.9	2.8	25	0.1	0.2	0.2	44	0.35
TSL 38237	Soil		0.8	11.4	12.5	53	<0.1	9.9	7.5	357	2.37	4.8	0.8	44.2	3.2	23	0.1	0.2	0.1	51	0.27
TSL 38238	Soil		0.7	12.6	14.6	57	<0.1	10.2	8.3	301	2.27	4.7	0.8	2.9	2.6	22	<0.1	0.2	0.1	40	0.26
TSL 38239	Soil		0.6	13.0	17.3	58	<0.1	10.7	8.7	333	2.45	4.9	0.8	3.1	2.4	19	0.1	0.2	0.2	42	0.28
TSL 38240	Soil		0.7	23.3	11.4	58	<0.1	15.6	10.4	277	3.01	8.9	0.7	5.5	3.9	21	<0.1	0.4	0.1	51	0.22
TSL 38241	Soil		1.1	21.2	20.7	71	<0.1	10.5	13.2	663	2.81	7.0	0.8	4.5	2.2	27	0.1	0.2	0.2	48	0.30
TSL 38275	Soil		0.7	22.0	13.5	72	<0.1	21.0	15.9	471	3.51	6.5	0.8	2.4	10.5	19	<0.1	0.3	<0.1	38	0.26
TSL 38276	Soil		2.7	56.6	5.2	66	<0.1	39.6	16.8	529	4.09	8.3	1.3	1.8	8.3	14	<0.1	0.1	<0.1	60	0.27
TSL 38277	Soil		0.6	34.2	11.7	108	<0.1	28.6	14.9	445	4.30	1.8	1.3	2.4	15.6	19	<0.1	<0.1	0.2	43	0.31
TSL 38278	Soil		4.2	74.1	8.0	83	<0.1	121.7	22.9	412	4.10	35.4	1.8	3.8	5.4	35	0.2	0.4	0.1	51	0.31
TSL 38279	Soil		1.0	22.2	7.6	66	<0.1	22.9	12.1	255	2.99	8.9	0.8	3.1	6.3	16	<0.1	0.3	0.1	52	0.18
TSL 38280	Soil		0.9	26.4	8.3	64	<0.1	26.0	13.3	246	3.52	7.3	1.6	5.2	13.8	19	<0.1	0.3	0.1	53	0.19
TSL 38281	Soil		1.0	23.7	7.5	58	<0.1	26.3	12.8	219	3.17	6.4	0.7	4.1	6.6	13	0.1	0.3	0.1	50	0.16
TSL 38282	Soil		0.7	41.1	6.6	118	<0.1	35.1	18.7	409	4.82	7.1	1.8	3.0	19.5	14	<0.1	0.1	<0.1	40	0.24
TSL 38283	Soil		0.7	31.9	9.3	97	<0.1	38.1	17.2	441	4.86	3.2	1.5	4.6	18.4	14	<0.1	0.1	<0.1	50	0.19
TSL 38284	Soil		1.4	37.9	10.5	81	<0.1	48.1	18.0	893	4.25	15.0	1.1	2.5	16.4	23	<0.1	0.3	0.1	60	0.32
TSL 39072	Soil		1.1	22.1	13.5	61	<0.1	23.2	11.3	407	3.19	62.6	0.8	3.5	6.0	14	<0.1	0.8	0.1	48	0.14
TSL 39073	Soil		0.9	28.2	9.9	86	<0.1	38.6	15.3	350	4.12	5.5	0.8	2.8	7.6	11	<0.1	0.1	0.1	50	0.15
TSL 39074	Soil		1.0	64.4	8.5	48	<0.1	266.3	39.3	301	3.86	20.6	0.5	3.3	2.7	56	<0.1	0.2	<0.1	74	0.71
TSL 39075	Soil		2.0	61.6	15.4	86	<0.1	108.2	36.1	796	5.53	28.6	1.1	3.0	7.6	83	0.2	0.2	<0.1	91	1.17
TSL 39076	Soil		1.5	47.8	11.9	78	<0.1	157.1	30.3	614	4.61	8.4	0.8	3.6	6.0	77	0.1	0.2	<0.1	77	1.01
TSL 39077	Soil		1.9	28.5	17.5	84	0.1	53.9	17.2	381	3.90	30.4	0.7	34.3	5.2	30	0.1	0.4	0.2	67	0.37



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: July 23, 2009

Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P % 0.001	La ppm 1	Cr ppm 1	Mg % 0.01	Ba ppm 1	Ti % 0.001	B ppm 1	Al % 0.01	Na % 0.001	K % 0.01	W ppm 0.1	Hg ppm 0.01	Sc ppm 0.1	Tl ppm 0.1	S % 0.05	Ga ppm 1	Se ppm 0.5
TSL 39115	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
TSL 39116	Soil	0.040	10	25	0.70	385	0.109	<1	1.56	0.028	0.25	<0.1	0.03	5.2	0.1	0.10	5	<0.5
TSL 39117	Soil	0.030	2	26	0.72	260	0.107	<1	1.58	0.036	0.09	<0.1	0.01	3.6	<0.1	0.08	4	<0.5
TSL 39118	Soil	0.033	7	26	0.64	325	0.109	1	1.66	0.029	0.11	<0.1	<0.01	4.4	<0.1	0.21	5	0.7
TSL 39119	Soil	0.032	4	12	0.72	223	0.093	<1	1.27	0.032	0.24	<0.1	0.01	4.7	<0.1	0.11	5	<0.5
TSL 38177	Soil	0.039	18	18	0.27	255	0.058	1	1.30	0.007	0.12	0.1	0.01	4.1	0.1	0.13	4	0.9
TSL 38178	Soil	0.041	13	28	0.39	225	0.081	<1	1.90	0.011	0.09	<0.1	0.01	3.4	<0.1	0.07	6	0.8
TSL 38235	Soil	0.041	14	24	0.42	174	0.077	<1	1.44	0.013	0.07	0.1	0.04	3.5	<0.1	0.11	7	0.8
TSL 38236	Soil	0.050	14	28	0.40	237	0.085	<1	1.71	0.014	0.06	0.1	0.02	3.6	0.1	0.07	6	0.8
TSL 38237	Soil	0.063	11	22	0.45	167	0.083	1	1.52	0.012	0.07	0.3	0.01	2.8	<0.1	0.11	5	0.8
TSL 38238	Soil	0.051	10	22	0.39	184	0.078	<1	1.35	0.012	0.07	0.1	0.03	3.0	<0.1	0.07	5	0.8
TSL 38239	Soil	0.041	11	26	0.40	204	0.082	1	1.41	0.015	0.07	0.1	0.01	3.1	<0.1	<0.05	6	0.7
TSL 38240	Soil	0.020	11	36	0.50	244	0.101	1	1.95	0.017	0.13	0.1	0.01	4.3	<0.1	0.06	6	1.0
TSL 38241	Soil	0.034	13	25	0.47	386	0.106	1	1.61	0.016	0.24	0.1	0.01	3.9	<0.1	<0.05	7	0.7
TSL 38275	Soil	0.038	9	46	0.59	386	0.125	<1	2.16	0.017	0.59	<0.1	<0.01	3.2	0.3	<0.05	8	0.7
TSL 38276	Soil	0.057	15	59	1.10	348	0.139	<1	2.67	0.008	0.57	<0.1	<0.01	4.1	0.5	<0.05	8	0.8
TSL 38277	Soil	0.076	47	54	1.05	343	0.176	1	2.68	0.008	0.87	<0.1	<0.01	4.6	0.7	<0.05	9	1.3
TSL 38278	Soil	0.129	24	94	0.92	472	0.072	2	1.68	0.009	0.55	<0.1	0.02	5.1	0.5	<0.05	6	1.4
TSL 38279	Soil	0.045	18	35	0.44	152	0.075	<1	1.83	0.008	0.16	<0.1	<0.01	3.0	0.2	<0.05	6	0.7
TSL 38280	Soil	0.024	50	40	0.68	233	0.100	2	2.13	0.010	0.20	<0.1	0.02	5.0	0.2	<0.05	7	0.9
TSL 38281	Soil	0.024	17	72	0.50	132	0.104	<1	2.10	0.010	0.13	<0.1	<0.01	3.6	0.2	<0.05	7	<0.5
TSL 38282	Soil	0.086	50	48	1.18	318	0.246	<1	2.71	0.007	1.35	<0.1	<0.01	4.1	0.9	<0.05	9	0.6
TSL 38283	Soil	0.058	50	44	0.78	246	0.177	1	1.84	0.008	1.03	<0.1	<0.01	5.4	0.7	<0.05	7	0.7
TSL 38284	Soil	0.053	116	61	1.05	259	0.160	1	2.38	0.006	0.96	0.1	<0.01	5.9	0.5	<0.05	9	<0.5
TSL 39072	Soil	0.048	13	38	0.64	171	0.089	1	2.15	0.011	0.44	<0.1	<0.01	2.9	0.3	<0.05	7	0.7
TSL 39073	Soil	0.057	17	46	0.97	155	0.149	1	2.14	0.007	0.82	<0.1	<0.01	3.2	0.5	<0.05	8	<0.5
TSL 39074	Soil	0.265	20	221	1.36	932	0.145	<1	1.93	0.019	0.18	<0.1	0.01	3.0	0.2	<0.05	7	0.6
TSL 39075	Soil	0.435	44	125	1.93	1181	0.175	<1	2.95	0.013	1.01	0.1	<0.01	4.8	0.4	<0.05	12	<0.5
TSL 39076	Soil	0.400	31	131	1.44	951	0.178	<1	2.52	0.010	0.83	0.2	<0.01	3.4	0.4	<0.05	8	0.6
TSL 39077	Soil	0.120	15	53	0.77	353	0.105	2	2.06	0.011	0.21	<0.1	<0.01	3.0	0.2	<0.05	7	0.6



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: July 23, 2009

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
TSL 38242	Soil		0.8	20.3	26.1	58	<0.1	10.2	9.1	361	2.41	5.2	1.1	6.7	2.8	27	<0.1	0.2	0.2	39	0.27	
TSL 38243	Soil		1.1	33.8	42.6	68	0.3	8.8	7.5	580	2.33	5.9	1.2	3.0	2.0	28	0.2	0.3	0.4	41	0.28	
TSL 38244	Soil		0.8	38.7	15.3	82	<0.1	20.3	13.0	347	3.00	7.7	0.8	3.1	2.9	31	<0.1	0.3	0.2	60	0.42	
TSL 38245	Soil		0.6	156.5	20.6	552	<0.1	12.1	12.0	532	4.02	10.0	0.4	4.1	1.5	20	0.4	0.2	0.2	53	0.22	
TSL 38246	Soil		0.8	113.4	15.7	419	<0.1	17.1	15.4	624	3.73	10.1	0.4	3.8	1.0	28	0.5	0.1	<0.1	71	0.38	
TSL 39267	Soil		0.4	26.5	4.1	28	<0.1	10.1	9.9	132	2.05	6.7	0.2	1.4	1.0	14	<0.1	0.2	0.2	53	0.24	
TSL 39268	Soil		0.7	137.2	2.5	29	<0.1	8.6	29.8	357	3.80	5.1	0.5	3.6	0.7	20	<0.1	0.1	<0.1	77	0.46	
TSL 39269	Soil		0.5	9.5	3.8	21	<0.1	10.0	7.1	106	2.21	5.6	0.2	1.8	1.0	14	<0.1	0.2	<0.1	55	0.23	
TSL 39270	Soil		0.3	8.0	2.9	23	<0.1	9.9	9.1	178	1.98	2.7	0.2	3.0	0.8	13	<0.1	0.2	<0.1	56	0.22	
TSL 39271	Soil		0.4	5.0	3.1	19	<0.1	8.1	8.1	142	1.68	2.6	0.1	<0.5	0.6	12	<0.1	0.2	0.1	51	0.21	
TSL 39272	Soil		0.3	6.5	2.3	19	<0.1	9.3	10.5	156	1.82	2.5	0.1	1.0	0.5	12	<0.1	0.1	<0.1	49	0.25	
TSL 39273	Soil		0.7	26.1	5.5	43	<0.1	19.4	12.3	261	2.62	7.1	0.8	3.3	2.3	19	<0.1	0.5	0.1	62	0.22	
TSL 39274	Soil		0.5	21.0	5.5	35	<0.1	12.4	9.9	252	2.17	4.8	0.3	<0.5	0.9	19	<0.1	0.3	0.1	57	0.27	
TSL 39275	Soil		1.1	70.0	7.3	74	<0.1	23.4	17.3	441	4.60	6.9	0.2	2.3	1.0	22	<0.1	0.3	0.2	108	0.30	
TSL 39276	Soil		1.1	41.2	6.8	91	<0.1	6.2	13.1	425	4.58	5.1	0.3	<0.5	0.6	22	<0.1	0.2	0.1	84	0.34	
TSL 39277	Soil		1.0	28.3	8.5	53	<0.1	14.8	12.4	300	3.49	8.9	0.4	1.4	2.1	16	<0.1	0.4	0.2	78	0.20	
TSL 39412	Soil		0.6	27.2	18.7	229	<0.1	9.3	8.6	391	3.68	5.4	0.4	0.6	2.8	11	0.2	0.3	0.2	56	0.11	
TSL 39413	Soil		0.6	22.0	6.7	129	<0.1	5.5	4.6	524	3.11	6.6	0.4	<0.5	2.9	8	<0.1	0.2	0.2	48	0.08	
TSL 39414	Soil		1.0	59.8	7.9	58	<0.1	21.0	9.1	311	3.24	9.7	0.8	1.3	4.0	18	0.2	0.5	0.2	60	0.16	
TSL 39415	Soil		1.2	40.3	7.1	131	<0.1	10.6	5.1	448	2.83	5.9	0.8	1.6	2.5	14	0.2	0.2	0.2	52	0.13	
TSL 39416	Soil		0.8	52.5	12.5	95	<0.1	20.9	9.6	487	3.41	8.3	2.3	2.8	5.4	25	<0.1	0.4	0.2	59	0.24	
TSL 39417	Soil		0.7	24.0	9.5	67	<0.1	20.5	10.4	343	3.09	7.4	0.5	0.9	3.1	17	<0.1	0.4	0.2	62	0.18	
TSL 39418	Soil		0.7	26.8	8.9	59	<0.1	20.0	10.8	339	3.13	8.1	1.2	<0.5	4.2	26	<0.1	0.4	0.2	62	0.26	
TSL 39419	Soil		0.6	20.6	13.0	70	<0.1	21.2	10.5	399	3.61	9.2	0.6	1.7	3.3	15	<0.1	0.4	0.2	72	0.17	
TSL 39420	Soil		0.5	25.2	21.3	73	<0.1	17.3	10.0	418	3.18	6.1	1.1	2.3	4.3	26	0.1	0.4	0.2	60	0.27	
TSL 39421	Soil		0.6	33.7	31.2	75	<0.1	16.2	10.4	417	3.68	8.0	0.7	<0.5	3.7	14	<0.1	0.4	0.4	65	0.16	
TSL 39422	Soil		1.2	22.5	24.3	83	<0.1	19.2	8.2	313	3.40	12.5	0.8	1.8	4.2	22	0.1	0.7	0.3	68	0.18	
TSL 39423	Soil		0.9	17.6	14.3	61	<0.1	18.5	8.2	247	3.37	9.5	0.5	2.2	2.9	17	0.1	0.4	0.2	67	0.14	
TSL 39424	Soil		0.6	33.6	11.7	76	<0.1	16.5	7.8	261	3.02	11.7	0.8	2.3	3.7	21	<0.1	0.5	0.2	63	0.16	
TSL 39425	Soil		0.7	78.7	22.3	204	<0.1	16.2	8.5	319	3.04	6.8	0.6	4.2	3.2	19	0.5	0.4	0.2	70	0.19	



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: July 23, 2009

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 38242	Soil	0.033	17	34	0.36	406	0.093	1	1.53	0.018	0.18	0.1	<0.01	4.0	<0.1	<0.05	6	<0.5
TSL 38243	Soil	0.032	30	21	0.26	832	0.073	2	1.31	0.016	0.15	0.1	0.02	4.1	0.1	<0.05	7	0.7
TSL 38244	Soil	0.023	10	42	0.57	368	0.122	2	2.15	0.018	0.26	0.1	0.02	5.5	0.1	<0.05	6	0.6
TSL 38245	Soil	0.026	6	16	0.83	320	0.136	<1	1.97	0.021	0.53	<0.1	<0.01	5.7	0.2	<0.05	7	<0.5
TSL 38246	Soil	0.052	4	39	1.09	365	0.170	<1	2.27	0.027	0.71	<0.1	<0.01	6.2	0.3	<0.05	8	0.6
TSL 39267	Soil	0.020	3	19	0.47	110	0.084	<1	1.15	0.021	0.04	<0.1	<0.01	2.7	<0.1	<0.05	3	<0.5
TSL 39268	Soil	0.090	3	11	0.68	246	0.101	1	1.75	0.040	0.30	<0.1	<0.01	6.1	<0.1	<0.05	5	<0.5
TSL 39269	Soil	0.023	3	14	0.49	132	0.069	1	1.26	0.022	0.07	<0.1	<0.01	3.1	<0.1	<0.05	3	<0.5
TSL 39270	Soil	0.013	3	15	0.49	228	0.078	<1	1.11	0.022	0.11	<0.1	<0.01	3.4	<0.1	<0.05	3	<0.5
TSL 39271	Soil	0.014	2	11	0.39	142	0.085	2	1.05	0.019	0.06	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5
TSL 39272	Soil	0.026	1	12	0.70	132	0.107	<1	1.18	0.023	0.21	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5
TSL 39273	Soil	0.018	13	29	0.68	192	0.085	<1	1.41	0.020	0.07	<0.1	0.02	4.9	<0.1	<0.05	4	<0.5
TSL 39274	Soil	0.023	4	18	0.39	223	0.073	<1	1.26	0.022	0.07	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5
TSL 39275	Soil	0.027	4	49	1.16	186	0.108	<1	2.20	0.020	0.17	<0.1	<0.01	6.1	<0.1	<0.05	7	<0.5
TSL 39276	Soil	0.064	3	11	0.80	407	0.197	<1	1.99	0.027	0.65	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5
TSL 39277	Soil	0.064	7	24	0.62	220	0.104	2	1.93	0.012	0.18	0.1	0.01	3.5	<0.1	<0.05	7	<0.5
TSL 39412	Soil	0.040	6	15	0.68	189	0.173	<1	2.08	0.010	0.49	0.1	<0.01	4.8	0.2	<0.05	9	<0.5
TSL 39413	Soil	0.033	4	11	0.70	109	0.163	1	1.82	0.013	0.31	<0.1	<0.01	4.6	0.1	<0.05	11	<0.5
TSL 39414	Soil	0.030	10	30	0.55	228	0.083	<1	2.03	0.012	0.11	0.1	0.03	3.3	<0.1	<0.05	6	<0.5
TSL 39415	Soil	0.028	10	28	0.58	176	0.129	<1	1.50	0.010	0.17	<0.1	0.01	3.9	<0.1	<0.05	9	<0.5
TSL 39416	Soil	0.026	26	33	0.73	376	0.131	1	2.09	0.016	0.27	0.1	0.04	8.4	0.2	<0.05	7	0.6
TSL 39417	Soil	0.028	9	33	0.64	197	0.116	<1	2.00	0.013	0.13	<0.1	0.02	3.4	<0.1	<0.05	7	<0.5
TSL 39418	Soil	0.023	17	38	0.62	328	0.113	<1	1.93	0.016	0.13	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5
TSL 39419	Soil	0.043	9	36	0.62	235	0.133	2	2.18	0.013	0.15	0.1	<0.01	3.7	0.1	<0.05	8	<0.5
TSL 39420	Soil	0.029	15	34	0.63	479	0.132	<1	1.99	0.014	0.21	<0.1	0.01	5.4	0.1	<0.05	7	<0.5
TSL 39421	Soil	0.042	9	23	0.51	328	0.088	2	1.95	0.009	0.23	<0.1	<0.01	4.8	0.2	<0.05	7	<0.5
TSL 39422	Soil	0.024	12	33	0.45	696	0.061	3	2.27	0.011	0.07	<0.1	0.01	4.1	0.1	<0.05	7	<0.5
TSL 39423	Soil	0.032	9	31	0.43	215	0.084	1	2.18	0.014	0.07	0.1	0.01	3.4	<0.1	<0.05	7	<0.5
TSL 39424	Soil	0.017	13	31	0.52	443	0.078	1	1.92	0.017	0.09	<0.1	0.02	4.4	0.1	<0.05	6	<0.5
TSL 39425	Soil	0.023	9	26	0.55	254	0.098	<1	1.91	0.011	0.07	<0.1	0.01	3.8	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: July 23, 2009

Page: 5 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 45227	Soil		2.0	34.7	9.5	197	<0.1	65.1	28.3	580	6.49	10.0	1.2	<0.5	11.7	106	<0.1	0.3	0.1	83	1.12
TSL 45228	Soil		0.6	52.3	8.1	60	<0.1	131.1	33.6	1072	5.67	2.8	1.0	0.9	10.7	26	<0.1	<0.1	0.2	74	0.70
TSL 45229	Soil		1.1	25.8	10.9	60	<0.1	27.0	11.6	274	3.25	22.0	1.5	1.7	9.4	22	<0.1	0.4	0.2	55	0.25
TSL 45230	Soil		0.8	55.2	8.5	83	<0.1	148.9	30.5	889	6.25	3.4	0.6	1.2	8.6	31	0.1	<0.1	0.2	60	0.56
TSL 45231	Soil		1.1	59.7	6.5	60	<0.1	122.7	26.8	478	4.63	15.1	1.2	2.4	4.4	73	<0.1	0.3	<0.1	80	1.17
TSL 45232	Soil		1.4	53.5	18.2	122	<0.1	137.7	34.8	1069	5.46	4.5	0.8	1.1	5.3	34	0.1	0.2	0.2	88	0.90
TSL 45233	Soil		1.3	25.6	12.6	76	<0.1	52.4	15.2	333	3.32	13.2	0.8	2.0	4.9	25	0.2	0.4	0.2	66	0.38
TSL 45234	Soil		1.0	24.5	9.7	69	<0.1	39.9	12.5	302	3.02	10.2	0.8	2.2	4.9	26	0.1	0.4	0.1	61	0.39
TSL 45235	Soil		1.6	36.3	11.6	79	0.1	46.3	13.7	286	3.06	21.2	1.5	6.7	5.3	28	0.3	0.5	0.2	59	0.38
TSL 45236	Soil		2.8	27.8	12.7	84	0.1	35.1	13.1	327	3.07	29.8	0.9	5.6	3.5	26	0.3	0.5	0.2	66	0.39
TSL 45237	Soil		0.8	18.8	7.1	49	<0.1	18.3	9.2	285	2.37	9.8	0.7	10.7	3.4	29	<0.1	0.5	0.1	60	0.48
TSL 45238	Soil		0.8	12.9	7.1	56	<0.1	17.5	8.1	296	1.95	8.0	0.5	1.4	1.7	27	0.2	0.3	0.1	53	0.41
TSL 39402	Soil		0.7	19.1	8.2	60	<0.1	18.0	9.2	338	2.96	7.6	0.5	1.7	2.5	25	<0.1	0.4	0.1	63	0.26
TSL 39403	Soil		0.5	28.6	5.3	149	<0.1	29.5	13.1	667	5.35	4.6	0.4	<0.5	1.7	25	<0.1	0.2	<0.1	58	0.33
TSL 39404	Soil		0.3	25.4	3.9	166	<0.1	18.7	9.9	685	5.29	2.9	0.3	0.5	1.4	20	<0.1	0.1	<0.1	38	0.28
TSL 39405	Soil		0.7	222.1	49.7	235	0.2	6.5	2.6	504	5.34	17.8	0.9	8.6	4.4	59	<0.1	<0.1	0.9	34	0.08
TSL 39406	Soil		0.9	34.9	9.2	85	<0.1	19.2	9.7	389	2.94	10.7	0.4	6.5	2.3	19	0.2	0.3	0.2	60	0.27
TSL 39407	Soil		0.9	28.7	10.9	71	<0.1	22.8	11.1	484	2.82	7.9	0.4	1.8	2.1	21	0.2	0.4	0.2	62	0.26
TSL 39408	Soil		1.1	23.3	20.5	59	<0.1	18.0	8.6	259	3.04	9.3	0.8	2.4	4.0	14	<0.1	0.5	0.3	66	0.13
TSL 39409	Soil		0.9	22.5	17.8	68	<0.1	18.8	9.6	329	3.31	8.8	0.7	2.9	4.5	12	<0.1	0.5	0.2	57	0.14
TSL 39410	Soil		0.8	18.6	17.4	39	0.1	9.5	4.5	143	2.15	4.7	0.6	1.7	1.9	15	<0.1	0.3	0.2	50	0.15
TSL 39411	Soil		0.9	13.3	28.6	64	<0.1	13.6	7.0	284	3.19	7.7	0.5	1.2	2.3	12	<0.1	0.3	0.3	68	0.14
TSL 38411	Soil		1.1	56.2	19.6	168	0.1	19.6	12.7	460	3.90	6.7	0.7	3.2	2.3	20	0.2	0.3	0.2	94	0.22
TSL 38412	Soil		0.9	69.5	14.1	155	<0.1	15.3	10.5	433	3.70	5.2	0.7	4.3	4.4	19	0.2	0.2	0.2	74	0.20
TSL 38413	Soil		1.3	78.3	22.0	183	0.2	14.6	10.2	395	3.77	6.5	0.6	2.9	2.5	19	0.2	0.3	0.3	83	0.18
TSL 38414	Soil		1.6	53.6	25.1	149	<0.1	20.4	9.2	431	3.28	9.2	0.5	3.3	1.4	21	0.2	0.3	0.3	77	0.14
TSL 38415	Soil		0.8	39.3	142.8	116	<0.1	13.3	8.3	474	2.97	6.5	0.8	2.5	3.1	18	0.2	0.3	0.4	52	0.20
TSL 38416	Soil		0.7	33.8	11.8	72	<0.1	19.2	9.1	318	2.98	7.9	0.8	2.4	3.8	21	0.1	0.5	0.2	64	0.24
TSL 38417	Soil		1.3	28.7	12.4	85	<0.1	21.4	12.8	566	3.56	8.6	0.5	3.2	3.1	20	0.1	0.5	0.2	74	0.25
TSL 38418	Soil		0.8	35.2	16.9	97	<0.1	19.5	11.9	363	3.29	9.0	0.6	2.5	3.3	24	<0.1	0.4	0.2	71	0.29



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: July 23, 2009

Page: 5 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 45227	Soil	0.407	24	72	1.48	292	0.108	<1	3.27	0.011	1.09	<0.1	<0.01	5.2	0.5	<0.05	13	<0.5
TSL 45228	Soil	0.230	38	151	1.92	299	0.229	<1	3.57	0.009	1.87	<0.1	<0.01	5.0	0.6	<0.05	10	<0.5
TSL 45229	Soil	0.025	31	36	0.52	175	0.086	1	1.76	0.015	0.14	<0.1	0.02	4.3	0.2	<0.05	6	<0.5
TSL 45230	Soil	0.140	15	127	1.83	262	0.259	2	3.63	0.009	1.64	0.1	<0.01	3.9	0.9	<0.05	9	<0.5
TSL 45231	Soil	0.290	29	108	1.08	364	0.088	1	2.10	0.058	0.28	<0.1	0.01	7.0	0.2	<0.05	8	0.5
TSL 45232	Soil	0.325	22	143	2.11	433	0.168	<1	2.98	0.009	1.29	0.2	<0.01	3.7	0.5	<0.05	9	<0.5
TSL 45233	Soil	0.102	20	58	0.79	247	0.119	1	1.97	0.013	0.18	0.1	0.01	3.2	0.2	<0.05	7	<0.5
TSL 45234	Soil	0.081	19	46	0.66	285	0.109	<1	1.83	0.014	0.11	0.1	0.02	3.3	0.2	<0.05	5	<0.5
TSL 45235	Soil	0.087	27	52	0.67	498	0.101	2	2.01	0.016	0.11	0.1	0.05	4.9	0.2	<0.05	6	<0.5
TSL 45236	Soil	0.064	14	45	0.56	338	0.087	<1	1.71	0.019	0.08	0.1	0.04	3.3	0.1	<0.05	6	<0.5
TSL 45237	Soil	0.071	12	27	0.45	207	0.076	<1	1.17	0.020	0.05	0.3	0.03	2.7	<0.1	<0.05	4	<0.5
TSL 45238	Soil	0.059	10	31	0.46	166	0.072	1	1.28	0.019	0.06	0.2	0.02	2.6	<0.1	<0.05	4	<0.5
TSL 39402	Soil	0.019	9	31	0.54	274	0.092	<1	1.72	0.018	0.12	<0.1	0.02	4.2	<0.1	<0.05	6	0.5
TSL 39403	Soil	0.054	7	74	1.24	373	0.129	<1	2.41	0.010	0.34	<0.1	0.01	6.3	0.2	<0.05	10	<0.5
TSL 39404	Soil	0.058	7	44	1.18	368	0.193	<1	2.25	0.010	0.62	<0.1	<0.01	5.5	0.2	<0.05	9	<0.5
TSL 39405	Soil	0.062	18	10	1.16	562	0.094	1	2.26	0.014	0.92	<0.1	0.01	5.1	0.4	0.37	8	<0.5
TSL 39406	Soil	0.031	9	34	0.65	268	0.095	2	1.49	0.014	0.11	0.1	0.01	3.6	<0.1	<0.05	5	<0.5
TSL 39407	Soil	0.032	7	40	0.65	227	0.102	2	1.49	0.013	0.13	0.1	0.01	3.2	<0.1	<0.05	6	<0.5
TSL 39408	Soil	0.018	17	33	0.51	263	0.077	1	1.98	0.015	0.05	0.1	0.01	3.5	<0.1	<0.05	6	<0.5
TSL 39409	Soil	0.026	10	29	0.51	217	0.101	2	2.01	0.011	0.13	0.1	0.02	4.9	0.1	<0.05	6	<0.5
TSL 39410	Soil	0.023	17	20	0.28	332	0.069	2	1.36	0.013	0.06	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5
TSL 39411	Soil	0.031	8	25	0.50	186	0.131	2	1.64	0.011	0.15	<0.1	0.01	4.6	0.1	<0.05	8	<0.5
TSL 38411	Soil	0.035	10	41	0.87	276	0.122	<1	2.05	0.016	0.16	<0.1	0.02	6.1	<0.1	<0.05	7	<0.5
TSL 38412	Soil	0.026	18	26	1.51	303	0.141	<1	2.35	0.018	0.37	<0.1	0.01	6.6	0.2	<0.05	9	<0.5
TSL 38413	Soil	0.042	10	33	0.75	239	0.127	2	2.03	0.015	0.17	<0.1	0.01	5.1	0.1	<0.05	9	<0.5
TSL 38414	Soil	0.062	9	49	0.64	190	0.093	2	1.79	0.014	0.11	<0.1	0.02	3.4	0.1	<0.05	8	<0.5
TSL 38415	Soil	0.042	13	25	0.51	352	0.076	1	1.52	0.018	0.11	<0.1	<0.01	4.3	<0.1	<0.05	6	<0.5
TSL 38416	Soil	0.017	19	38	0.56	363	0.080	2	1.88	0.014	0.06	0.1	0.02	5.6	<0.1	<0.05	6	<0.5
TSL 38417	Soil	0.033	10	42	0.56	324	0.094	2	2.32	0.012	0.11	0.1	0.02	4.9	<0.1	<0.05	8	<0.5
TSL 38418	Soil	0.024	11	39	0.69	305	0.112	2	1.98	0.015	0.08	0.1	0.01	5.0	<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: July 23, 2009

Page: 6 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
TSL 38419	Soil		1.2	21.8	12.3	68	<0.1	13.9	8.3	386	2.75	7.0	0.5	1.8	2.5	22	<0.1	0.3	0.2	62	0.27
TSL 38420	Soil		2.7	33.0	19.0	104	<0.1	17.4	9.3	423	3.11	9.7	1.6	5.7	5.2	21	<0.1	0.5	0.2	63	0.21
TSL 38421	Soil		1.9	17.0	11.2	73	<0.1	16.8	8.1	391	3.77	12.8	0.4	1.6	2.3	19	0.1	0.5	0.2	82	0.21
TSL 38422	Soil		1.4	19.0	11.3	139	<0.1	17.5	8.4	390	3.65	13.0	0.5	1.2	2.6	15	0.2	0.6	0.2	72	0.13
TSL 38429	Soil		1.0	32.0	10.5	91	<0.1	16.7	10.5	360	3.18	6.1	0.4	2.5	2.1	18	0.1	0.3	0.2	83	0.23
TSL 40002	Soil		0.8	18.2	16.1	54	<0.1	16.1	8.7	301	2.71	6.9	1.0	3.1	4.7	22	<0.1	0.4	0.2	57	0.31
TSL 40003	Soil		0.6	24.2	33.1	87	<0.1	15.1	10.8	401	2.95	6.0	1.0	3.0	4.5	26	<0.1	0.3	0.3	59	0.33
TSL 38079	Soil		2.7	45.9	30.5	124	<0.1	17.8	11.1	552	4.29	11.5	1.7	7.8	5.4	21	0.2	0.5	0.2	64	0.27
TSL 38080	Soil		1.2	31.5	19.9	57	<0.1	16.6	11.1	433	3.53	5.4	1.4	2.3	6.4	17	<0.1	0.3	0.1	49	0.27
TSL 38081	Soil		0.9	28.2	11.8	58	<0.1	22.0	9.4	255	3.30	10.1	0.8	0.6	5.6	17	<0.1	0.5	0.1	68	0.18
TSL 38082	Soil		1.0	20.2	12.7	59	<0.1	19.5	9.2	331	3.21	6.9	0.6	1.5	4.5	18	<0.1	0.5	0.2	67	0.19
TSL 38083	Soil		0.7	16.6	21.5	48	<0.1	10.4	7.7	324	3.29	5.7	1.6	<0.5	7.7	12	<0.1	0.2	0.2	48	0.13
TSL 38084	Soil		0.8	20.6	17.1	44	<0.1	17.9	8.4	322	2.70	8.0	0.5	1.1	3.4	20	<0.1	0.4	0.2	58	0.22
TSL 38086	Soil		0.7	52.8	5.6	89	<0.1	10.6	7.7	490	3.12	3.2	0.4	<0.5	1.5	16	0.2	0.1	<0.1	68	0.29
TSL 39278	Soil		1.0	61.9	6.3	53	<0.1	17.2	15.0	269	3.82	6.6	0.7	5.6	2.9	26	<0.1	0.3	0.1	65	0.19
TSL 39279	Soil		1.0	25.8	6.7	56	<0.1	19.6	13.8	285	3.49	6.4	0.6	3.6	2.6	26	<0.1	0.3	0.1	75	0.22
TSL 39280	Soil		4.8	131.1	8.4	44	<0.1	18.6	15.7	240	3.06	7.9	0.8	3.0	2.8	26	<0.1	0.4	0.2	87	0.23
TSL 39281	Soil		0.9	84.4	7.5	73	<0.1	21.5	16.6	312	3.25	7.8	1.0	1.7	3.8	21	<0.1	0.4	0.1	81	0.23
TSL 39282	Soil		0.6	50.9	4.2	54	<0.1	7.6	19.1	303	4.49	4.1	0.2	<0.5	0.9	7	<0.1	0.2	<0.1	134	0.19
TSL 39283	Soil		0.7	29.8	7.5	72	<0.1	12.6	12.4	499	3.83	5.8	0.5	1.9	3.1	17	<0.1	0.2	0.1	101	0.22
TSL 38319	Soil		1.6	15.8	6.8	61	<0.1	8.8	7.8	298	2.76	4.9	0.5	<0.5	1.6	16	<0.1	0.2	0.1	86	0.29
TSL 38320	Soil		1.1	17.4	7.9	79	<0.1	11.1	12.0	448	3.46	5.8	0.5	2.1	2.1	15	<0.1	0.2	0.1	75	0.24
TSL 38321	Soil		1.1	52.9	8.1	67	0.1	14.0	12.1	525	3.06	7.2	0.9	5.2	1.9	34	0.1	0.3	0.1	66	0.54
TSL 38322	Soil		0.8	46.5	6.9	69	<0.1	14.5	9.9	259	3.47	9.1	0.4	1.3	2.0	19	<0.1	0.2	0.1	84	0.26
TSL 38323	Soil		0.8	63.8	3.0	96	<0.1	29.8	18.0	406	4.62	2.5	0.4	<0.5	2.8	17	<0.1	<0.1	<0.1	107	0.43
TSL 38324	Soil		0.8	53.0	8.9	72	<0.1	16.7	13.0	502	3.45	6.7	0.7	<0.5	2.4	23	<0.1	0.2	0.1	76	0.38
TSL 38325	Soil		0.7	83.0	13.5	93	<0.1	18.4	16.2	334	3.84	8.7	0.5	<0.5	3.2	20	<0.1	0.3	0.2	76	0.30
TSL 38326	Soil		0.7	65.4	8.1	52	<0.1	21.1	12.8	228	3.75	7.7	0.4	<0.5	2.8	22	<0.1	0.3	0.1	76	0.39
TSL 38327	Soil		0.6	87.9	7.5	60	<0.1	23.6	17.7	325	3.81	7.5	0.5	0.5	3.4	22	<0.1	0.3	<0.1	79	0.52
TSL 38328	Soil		1.2	70.6	20.9	65	<0.1	15.2	19.4	526	4.79	5.7	0.4	3.8	1.7	18	<0.1	0.5	0.1	98	0.39



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: July 23, 2009

Page: 6 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 38419	Soil	0.026	9	29	0.44	320	0.084	2	1.58	0.017	0.07	0.1	0.02	3.8	<0.1	<0.05	6	<0.5
TSL 38420	Soil	0.021	42	33	0.56	516	0.109	2	2.10	0.012	0.09	0.1	0.04	7.7	<0.1	<0.05	7	<0.5
TSL 38421	Soil	0.045	8	33	0.48	225	0.097	2	1.86	0.009	0.08	0.2	<0.01	3.4	<0.1	<0.05	7	<0.5
TSL 38422	Soil	0.055	9	30	0.46	202	0.078	2	1.96	0.013	0.07	0.1	0.01	3.3	0.1	<0.05	7	<0.5
TSL 38429	Soil	0.032	11	40	0.71	238	0.117	1	1.77	0.019	0.08	<0.1	0.01	3.9	<0.1	<0.05	7	<0.5
TSL 40002	Soil	0.044	17	25	0.50	281	0.105	1	1.73	0.013	0.08	0.1	0.02	4.4	0.1	<0.05	6	<0.5
TSL 40003	Soil	0.054	14	24	0.62	365	0.121	1	1.71	0.016	0.17	0.1	0.01	4.5	0.1	<0.05	6	<0.5
TSL 38079	Soil	0.055	19	21	0.39	449	0.050	3	1.40	0.016	0.20	<0.1	0.05	10.7	0.2	<0.05	5	0.7
TSL 38080	Soil	0.051	9	28	0.85	451	0.098	1	1.59	0.015	0.37	<0.1	<0.01	6.8	0.1	<0.05	8	<0.5
TSL 38081	Soil	0.028	9	32	0.77	249	0.130	2	2.09	0.011	0.21	0.1	0.01	5.0	0.1	<0.05	7	<0.5
TSL 38082	Soil	0.028	11	33	0.65	296	0.116	1	2.07	0.013	0.15	0.1	<0.01	4.5	<0.1	<0.05	7	<0.5
TSL 38083	Soil	0.023	8	18	0.61	290	0.127	2	1.44	0.009	0.54	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5
TSL 38084	Soil	0.019	9	30	0.55	353	0.090	2	1.68	0.016	0.15	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5
TSL 38086	Soil	0.085	9	26	0.41	190	0.051	3	1.34	0.017	0.25	<0.1	0.02	7.6	<0.1	<0.05	6	<0.5
TSL 39278	Soil	0.028	11	28	0.78	254	0.118	2	2.23	0.020	0.15	<0.1	0.01	5.2	<0.1	<0.05	7	<0.5
TSL 39279	Soil	0.020	9	44	0.81	240	0.106	<1	2.04	0.023	0.13	<0.1	0.01	6.2	<0.1	0.11	6	<0.5
TSL 39280	Soil	0.032	10	29	0.74	320	0.133	<1	1.89	0.022	0.12	<0.1	0.01	5.3	<0.1	<0.05	6	<0.5
TSL 39281	Soil	0.018	16	34	0.76	357	0.116	2	2.05	0.034	0.09	<0.1	0.02	5.9	0.1	<0.05	6	<0.5
TSL 39282	Soil	0.049	4	10	1.03	221	0.161	<1	1.99	0.025	0.14	<0.1	<0.01	5.5	<0.1	<0.05	7	<0.5
TSL 39283	Soil	0.044	10	24	0.76	263	0.128	2	1.91	0.013	0.31	<0.1	0.01	6.3	0.2	<0.05	8	<0.5
TSL 38319	Soil	0.056	8	20	0.51	170	0.131	2	1.24	0.025	0.25	0.2	0.02	3.6	0.2	0.07	6	<0.5
TSL 38320	Soil	0.086	8	22	0.63	229	0.104	2	1.57	0.011	0.15	0.1	0.03	3.3	0.1	<0.05	6	<0.5
TSL 38321	Soil	0.072	10	21	0.71	550	0.071	<1	1.57	0.018	0.15	0.1	0.04	4.6	<0.1	<0.05	5	0.7
TSL 38322	Soil	0.022	6	18	0.96	310	0.094	<1	1.76	0.012	0.20	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5
TSL 38323	Soil	0.076	5	77	1.70	315	0.156	<1	2.30	0.013	1.02	<0.1	0.01	6.0	0.3	<0.05	9	<0.5
TSL 38324	Soil	0.055	10	23	0.81	317	0.108	<1	1.55	0.013	0.34	<0.1	0.02	3.9	0.1	<0.05	6	<0.5
TSL 38325	Soil	0.016	10	27	0.74	306	0.138	<1	2.46	0.017	0.33	0.1	0.02	4.9	0.2	<0.05	6	<0.5
TSL 38326	Soil	0.018	9	39	0.68	387	0.092	<1	2.01	0.013	0.14	0.1	0.04	4.9	<0.1	<0.05	6	<0.5
TSL 38327	Soil	0.024	15	54	0.68	392	0.130	<1	2.27	0.016	0.20	0.1	0.01	6.7	0.1	<0.05	6	<0.5
TSL 38328	Soil	0.029	7	21	0.93	518	0.095	<1	2.18	0.016	0.30	<0.1	0.01	8.6	0.1	<0.05	8	<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: July 23, 2009

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 38329	Soil		0.5	110.2	3.4	71	<0.1	18.0	17.4	517	3.97	3.5	0.2	<0.5	1.0	15	<0.1	0.2	<0.1	105	0.33
TSL 38330	Soil		1.2	21.9	20.2	69	<0.1	16.3	13.2	380	4.19	8.2	0.4	0.6	1.8	14	<0.1	0.5	0.1	111	0.21
TSL 38331	Soil		0.8	41.5	10.5	61	<0.1	14.6	10.9	359	3.13	5.8	0.5	1.3	1.9	17	0.1	0.4	0.1	68	0.22
TSL 38332	Soil		0.8	31.8	11.0	71	<0.1	14.0	10.7	476	3.33	5.5	0.6	1.7	2.1	13	0.1	0.3	<0.1	57	0.23
TSL 38333	Soil		1.3	22.7	14.3	80	<0.1	9.4	10.2	543	3.09	5.8	0.5	3.3	1.7	15	0.2	0.4	0.2	55	0.21
TSL 38334	Soil		1.2	32.0	9.3	69	<0.1	12.2	12.8	551	3.27	6.8	0.7	3.3	1.8	19	<0.1	0.4	0.1	65	0.34
TSL 38335	Soil		0.6	17.1	4.9	40	<0.1	11.9	7.5	224	1.79	5.1	0.6	2.4	2.0	23	<0.1	0.3	<0.1	38	0.47
TSL 38336	Soil		0.7	26.2	10.5	57	<0.1	18.8	10.4	283	2.64	6.8	0.7	3.6	2.0	26	<0.1	0.4	0.1	58	0.37
TSL 38337	Soil		0.6	39.8	6.7	61	<0.1	29.2	10.7	388	2.97	8.3	0.5	1.8	2.7	35	0.1	0.6	0.1	63	0.61
TSL 38338	Soil		0.7	22.8	10.1	57	<0.1	18.6	9.2	268	2.62	7.6	0.8	4.8	3.2	26	<0.1	0.3	0.1	58	0.37
TSL 38339	Soil		0.9	38.2	10.2	133	<0.1	14.1	13.2	451	3.66	5.6	0.8	2.6	3.7	29	0.2	0.3	0.1	72	0.43
TSL 40842	Soil		1.3	23.9	9.5	77	<0.1	31.7	12.4	454	4.43	8.2	1.1	<0.5	13.1	21	<0.1	0.3	0.1	63	0.36
TSL 40843	Soil		2.1	28.9	8.4	67	<0.1	30.3	15.6	413	3.61	124.7	1.0	<0.5	11.0	11	<0.1	0.3	<0.1	39	0.15
TSL 40844	Soil		1.6	45.9	12.0	102	<0.1	48.1	22.8	631	6.35	3.0	1.9	<0.5	25.4	14	<0.1	0.1	0.2	60	0.38
TSL 40845	Soil		1.2	44.4	12.0	115	<0.1	39.7	23.0	788	6.07	6.7	1.0	0.5	17.7	6	<0.1	0.1	<0.1	52	0.13
TSL 40846	Soil		0.9	19.4	8.2	86	<0.1	31.6	13.9	374	4.22	5.0	0.8	0.9	12.1	9	<0.1	0.2	<0.1	50	0.12
TSL 40847	Soil		1.0	41.7	8.2	85	<0.1	54.4	20.8	610	4.45	2.8	1.3	0.9	12.6	19	<0.1	0.1	0.1	66	0.34
TSL 40848	Soil		1.1	37.6	7.9	68	<0.1	45.3	21.6	513	4.19	8.7	0.9	0.8	8.3	14	<0.1	0.2	0.1	50	0.33
TSL 40849	Soil		2.0	43.2	17.6	69	<0.1	45.9	18.0	533	4.51	6.1	1.5	1.7	13.2	20	<0.1	0.1	0.2	58	0.39
TSL 40850	Soil		1.3	27.6	9.3	64	<0.1	37.6	15.9	444	3.87	17.0	1.0	3.2	10.0	16	<0.1	0.2	0.1	53	0.27
TSL 40851	Soil		1.2	21.4	9.3	55	<0.1	29.7	11.9	283	3.31	11.4	1.1	0.7	9.0	17	<0.1	0.3	0.1	58	0.26
TSL 40852	Soil		1.2	17.3	9.4	54	<0.1	26.3	11.1	358	3.18	38.2	0.6	1.2	6.1	16	<0.1	0.3	0.1	60	0.23
TSL 40853	Soil		4.1	32.9	12.3	80	<0.1	36.7	13.6	354	3.40	72.7	1.0	15.0	5.7	18	0.2	0.6	0.1	49	0.40
TSL 40854	Soil		7.3	36.4	13.0	100	0.1	41.3	13.9	414	3.54	147.5	1.0	4.7	6.7	21	0.3	0.8	0.2	54	0.40
TSL 40855	Soil		2.2	37.5	11.4	79	0.1	41.7	13.4	394	3.19	32.8	1.3	12.1	7.0	26	0.2	0.4	0.2	52	0.43
TSL 40856	Soil		2.0	37.1	11.8	69	<0.1	39.8	14.9	453	3.03	18.8	1.0	5.4	3.8	21	0.1	0.3	0.2	57	0.34
TSL 40857	Soil		1.4	27.5	9.6	49	0.1	49.8	12.4	345	2.71	26.2	0.6	4.5	2.7	21	0.1	0.3	0.1	63	0.34
TSL 40858	Soil		1.8	39.1	10.6	86	<0.1	43.5	14.0	506	3.15	56.1	0.9	3.9	4.0	31	0.2	0.5	0.2	76	0.39
TSL 40859	Soil		1.6	39.6	7.4	76	0.1	62.6	13.1	384	2.93	83.7	0.8	4.1	3.6	26	0.2	0.4	0.1	75	0.38
TSL 40860	Soil		1.6	35.0	7.7	77	<0.1	37.6	12.9	416	2.74	38.7	0.8	1.3	3.2	26	0.2	0.4	0.2	70	0.37



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: July 23, 2009

Page: 7 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 38329	Soil	0.036	3	19	1.10	316	0.121	<1	2.16	0.029	0.29	<0.1	<0.01	4.5	<0.1	<0.05	7	<0.5
TSL 38330	Soil	0.022	5	26	0.88	265	0.139	<1	2.27	0.019	0.40	0.1	0.02	4.6	0.2	<0.05	9	<0.5
TSL 38331	Soil	0.034	8	30	0.47	192	0.060	2	1.85	0.017	0.06	<0.1	0.01	5.4	<0.1	<0.05	5	<0.5
TSL 38332	Soil	0.041	10	25	0.39	195	0.067	<1	1.45	0.017	0.14	<0.1	0.02	6.1	0.1	<0.05	5	<0.5
TSL 38333	Soil	0.058	7	18	0.37	189	0.056	2	1.44	0.023	0.10	0.1	0.03	4.1	<0.1	<0.05	5	<0.5
TSL 38334	Soil	0.066	7	27	0.49	191	0.053	<1	1.93	0.019	0.05	0.1	0.04	5.2	<0.1	<0.05	6	<0.5
TSL 38335	Soil	0.060	9	21	0.33	153	0.066	1	1.17	0.019	0.04	0.2	0.01	2.8	<0.1	<0.05	3	<0.5
TSL 38336	Soil	0.055	10	28	0.63	205	0.073	<1	1.51	0.019	0.06	0.1	0.02	3.3	<0.1	<0.05	5	0.5
TSL 38337	Soil	0.076	10	29	0.68	247	0.083	1	1.46	0.029	0.08	0.2	0.03	3.9	<0.1	<0.05	5	0.6
TSL 38338	Soil	0.065	11	28	0.53	242	0.079	<1	1.72	0.025	0.06	0.1	0.02	3.9	<0.1	<0.05	5	<0.5
TSL 38339	Soil	0.088	12	34	0.95	305	0.175	<1	2.65	0.036	0.38	0.1	<0.01	5.6	0.3	<0.05	8	<0.5
TSL 40842	Soil	0.052	17	41	1.13	273	0.153	<1	2.39	0.011	0.80	<0.1	0.01	3.5	0.4	<0.05	8	<0.5
TSL 40843	Soil	0.044	33	36	0.57	354	0.052	<1	2.13	0.011	0.26	<0.1	0.01	3.6	0.2	<0.05	5	0.7
TSL 40844	Soil	0.096	80	58	1.27	323	0.208	<1	2.37	0.008	1.30	<0.1	<0.01	9.1	0.7	<0.05	11	<0.5
TSL 40845	Soil	0.103	13	57	1.11	160	0.274	<1	2.84	0.007	1.10	<0.1	<0.01	5.1	0.8	<0.05	9	0.6
TSL 40846	Soil	0.050	15	34	0.86	153	0.136	1	1.75	0.008	0.63	<0.1	0.02	3.9	0.4	<0.05	7	<0.5
TSL 40847	Soil	0.115	45	83	1.09	244	0.195	<1	2.47	0.007	0.95	0.1	<0.01	5.6	0.5	<0.05	9	1.0
TSL 40848	Soil	0.050	15	61	0.96	193	0.174	<1	2.50	0.010	0.65	<0.1	0.01	4.3	0.5	<0.05	8	<0.5
TSL 40849	Soil	0.062	40	56	1.22	254	0.156	<1	2.43	0.010	0.75	0.2	0.02	4.9	0.4	<0.05	9	0.7
TSL 40850	Soil	0.059	29	42	0.87	239	0.128	<1	1.88	0.010	0.47	0.1	0.02	3.7	0.4	<0.05	6	<0.5
TSL 40851	Soil	0.041	27	37	0.71	249	0.103	1	1.93	0.011	0.24	0.1	0.01	3.8	0.2	0.06	6	<0.5
TSL 40852	Soil	0.041	14	34	0.66	178	0.109	<1	1.85	0.010	0.20	0.1	<0.01	2.8	0.2	0.05	6	<0.5
TSL 40853	Soil	0.060	19	40	0.50	282	0.095	<1	1.64	0.011	0.18	<0.1	0.01	3.8	0.2	<0.05	6	0.7
TSL 40854	Soil	0.075	21	40	0.50	291	0.090	<1	1.75	0.013	0.18	0.1	0.03	3.8	0.2	<0.05	6	0.7
TSL 40855	Soil	0.092	29	43	0.62	437	0.110	<1	1.94	0.012	0.21	0.1	0.03	4.2	0.2	0.06	5	0.7
TSL 40856	Soil	0.068	16	42	0.48	342	0.086	2	2.07	0.017	0.12	<0.1	0.02	3.7	0.2	0.07	6	0.8
TSL 40857	Soil	0.068	11	50	0.63	346	0.068	<1	1.39	0.021	0.09	0.2	0.02	3.0	0.1	0.06	5	0.5
TSL 40858	Soil	0.080	16	62	0.88	522	0.097	2	1.67	0.016	0.17	0.1	0.02	4.5	0.2	<0.05	6	<0.5
TSL 40859	Soil	0.063	14	80	1.05	586	0.111	1	1.72	0.017	0.19	0.1	0.02	4.7	0.2	<0.05	6	<0.5
TSL 40860	Soil	0.063	12	51	0.87	431	0.109	1	1.69	0.017	0.15	0.1	0.02	3.9	0.2	0.08	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: July 23, 2009

Page: 8 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	Method	Analyte	Unit	MDL	WGHT	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 39039	Soil				0.8	55.4	4.9	69	<0.1	36.2	12.8	489	3.97	1.3	0.4	1.4	0.9	15	0.2	<0.1	<0.1	94	0.22	
TSL 39040	Soil				1.1	56.4	7.2	125	<0.1	27.5	13.6	385	3.59	3.2	0.3	1.8	1.2	18	0.2	0.1	0.1	98	0.27	
TSL 39041	Soil				0.7	30.7	13.7	69	0.1	20.4	8.8	240	2.71	4.2	0.4	2.7	1.4	18	0.1	0.2	0.2	64	0.28	
TSL 39042	Soil				0.8	32.5	13.3	38	0.2	9.0	5.6	168	2.41	4.6	0.8	4.2	0.4	22	0.2	0.2	0.2	36	0.26	
TSL 39043	Soil				1.3	25.2	18.0	63	<0.1	13.6	7.2	207	2.84	6.4	0.5	7.1	1.3	16	<0.1	0.3	0.1	74	0.21	
TSL 39044	Soil				1.1	19.9	13.1	59	<0.1	11.1	5.4	148	2.33	7.7	0.6	1.9	1.2	17	<0.1	0.2	0.1	47	0.21	
TSL 39045	Soil				1.5	32.6	16.4	82	<0.1	16.0	15.8	661	3.43	7.7	0.6	2.4	2.2	19	0.1	0.4	0.1	80	0.28	
TSL 39046	Soil				1.2	30.0	13.3	77	<0.1	16.8	14.9	509	3.42	8.4	0.6	5.0	2.5	22	0.2	0.3	0.1	69	0.34	
TSL 39047	Soil				0.9	26.2	9.7	67	<0.1	18.8	11.7	340	2.98	7.5	0.7	2.9	3.3	26	0.1	0.4	0.1	66	0.34	
TSL 39048	Soil				0.7	19.8	7.0	58	<0.1	15.5	8.6	281	2.14	5.6	0.6	1.8	1.8	29	0.2	0.3	0.1	52	0.38	
TSL 39049	Soil				1.1	19.0	12.5	62	<0.1	14.3	13.0	528	2.73	6.3	0.5	3.2	1.6	24	0.1	0.3	0.1	70	0.33	
TSL 39164	Soil				0.5	28.6	8.0	63	<0.1	17.6	11.8	291	2.82	6.8	0.8	3.0	3.1	29	0.1	0.4	0.1	67	0.44	
TSL 39170	Soil				1.8	30.2	11.9	84	0.1	29.8	18.8	665	4.78	78.5	1.4	2.5	11.6	20	0.1	0.7	0.2	52	0.26	
TSL 39174	Soil				0.9	23.2	10.3	59	<0.1	16.8	14.8	501	2.86	9.0	1.0	4.5	3.2	43	0.2	0.5	0.1	62	0.46	
TSL 40311	Soil				0.5	19.4	17.8	82	<0.1	11.5	7.7	329	2.85	4.5	1.1	7.6	4.0	32	0.1	0.3	0.1	49	0.34	
TSL 40312	Soil				1.0	20.3	21.3	78	0.1	12.9	11.1	630	3.06	6.0	1.1	2.4	3.1	27	<0.1	0.3	0.2	61	0.30	
TSL 40313	Soil				0.7	22.4	17.6	87	0.1	12.2	9.2	583	2.80	6.6	1.1	2.3	2.8	33	0.2	0.3	0.2	50	0.37	
TSL 40314	Soil				1.0	26.5	19.2	78	0.2	11.5	7.9	479	2.58	6.3	1.1	3.2	2.1	29	0.2	0.3	0.2	50	0.32	
TSL 40315	Soil				0.8	37.6	18.2	116	0.2	14.6	8.4	316	2.71	7.9	0.6	2.2	2.0	21	0.2	0.2	0.2	69	0.23	
TSL 40316	Soil				1.0	51.7	16.0	112	0.2	17.6	11.2	379	3.30	9.9	0.8	2.9	2.8	28	0.2	0.3	0.2	74	0.30	
TSL 40317	Soil				1.0	45.7	13.8	80	0.2	16.8	8.0	242	2.85	16.6	1.4	2.3	2.2	29	0.5	0.2	0.2	54	0.31	
TSL 40318	Soil				0.8	43.5	7.2	69	<0.1	12.1	18.6	367	3.41	5.1	0.5	1.4	1.3	23	0.1	0.1	<0.1	89	0.27	
TSL 40319	Soil				1.5	18.5	3.8	28	<0.1	7.5	8.1	136	2.41	2.5	0.4	1.0	0.6	20	<0.1	0.1	<0.1	66	0.17	
TSL 38423	Soil				1.3	17.9	11.3	75	<0.1	15.2	8.3	276	3.95	13.3	0.5	2.4	2.9	14	0.2	0.8	0.2	80	0.11	
TSL 38424	Soil				0.9	21.1	14.3	69	<0.1	17.4	10.0	341	3.84	10.3	0.6	2.4	3.1	19	0.2	0.5	0.2	78	0.20	
TSL 38425	Soil				0.5	22.0	11.4	65	<0.1	14.8	9.0	413	2.81	5.5	0.9	1.8	3.8	19	<0.1	0.3	0.1	55	0.21	
TSL 38426	Soil				1.0	23.4	16.4	81	<0.1	19.8	10.7	435	3.69	9.3	0.8	2.5	4.1	18	<0.1	0.4	0.2	74	0.19	
TSL 38427	Soil				1.0	23.0	15.8	75	<0.1	15.3	7.5	342	2.88	7.9	0.8	1.5	2.2	17	0.1	0.4	0.2	67	0.18	
TSL 38428	Soil				0.5	17.5	15.3	87	<0.1	11.8	8.8	449	3.22	5.1	0.8	3.7	3.4	21	<0.1	0.3	0.1	55	0.23	
TSL 39050	Soil				1.2	19.7	13.7	59	<0.1	13.8	15.3	475	3.30	9.6	0.5	3.9	2.1	24	0.1	0.3	0.1	69	0.35	



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: July 23, 2009

Page: 8 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 39039	Soil	0.060	5	98	1.75	344	0.147	<1	2.24	0.024	0.62	<0.1	0.02	5.7	0.2	0.07	8	<0.5
TSL 39040	Soil	0.047	6	67	1.20	234	0.123	1	1.66	0.034	0.60	<0.1	0.02	7.8	0.2	<0.05	8	<0.5
TSL 39041	Soil	0.071	8	49	1.02	194	0.111	1	1.81	0.027	0.30	<0.1	0.07	5.3	0.2	0.05	7	<0.5
TSL 39042	Soil	0.097	8	19	0.30	295	0.044	2	0.76	0.022	0.09	<0.1	0.10	2.9	<0.1	0.07	3	0.7
TSL 39043	Soil	0.057	8	32	0.61	177	0.074	1	1.43	0.018	0.13	0.2	0.08	4.1	0.2	0.07	6	<0.5
TSL 39044	Soil	0.056	8	24	0.44	166	0.060	1	1.25	0.016	0.08	<0.1	0.09	3.5	0.2	<0.05	5	0.6
TSL 39045	Soil	0.070	11	34	0.74	216	0.099	2	1.72	0.019	0.15	0.1	0.05	4.8	0.2	<0.05	6	0.5
TSL 39046	Soil	0.076	12	30	0.65	273	0.091	<1	1.59	0.021	0.12	0.1	0.04	4.7	0.2	<0.05	6	0.5
TSL 39047	Soil	0.071	12	30	0.66	268	0.093	1	1.73	0.022	0.07	0.1	0.04	4.3	0.1	<0.05	6	<0.5
TSL 39048	Soil	0.062	9	27	0.52	185	0.080	1	1.39	0.024	0.06	0.1	0.04	3.1	<0.1	<0.05	5	<0.5
TSL 39049	Soil	0.071	9	27	0.60	175	0.079	2	1.37	0.022	0.09	0.1	0.03	3.6	0.1	<0.05	5	<0.5
TSL 39164	Soil	0.069	13	31	0.70	272	0.097	<1	1.79	0.022	0.06	0.2	0.03	4.5	<0.1	<0.05	6	<0.5
TSL 39170	Soil	0.096	50	39	0.55	287	0.065	2	1.67	0.008	0.31	<0.1	0.04	4.3	0.3	<0.05	6	0.6
TSL 39174	Soil	0.073	17	33	0.57	317	0.071	1	1.71	0.019	0.07	0.2	0.04	4.7	<0.1	<0.05	5	<0.5
TSL 40311	Soil	0.058	18	22	0.56	406	0.120	1	1.54	0.013	0.20	0.1	0.02	4.6	0.1	<0.05	7	<0.5
TSL 40312	Soil	0.054	13	28	0.56	355	0.123	1	1.96	0.015	0.15	0.1	0.03	5.0	0.1	<0.05	9	<0.5
TSL 40313	Soil	0.061	13	27	0.46	406	0.082	<1	1.61	0.015	0.14	0.1	0.04	4.7	0.1	<0.05	7	<0.5
TSL 40314	Soil	0.068	12	24	0.46	330	0.081	2	1.70	0.015	0.12	0.1	0.04	4.6	0.1	0.05	7	0.5
TSL 40315	Soil	0.044	9	32	0.63	241	0.112	1	1.59	0.015	0.18	0.1	0.03	4.4	0.2	<0.05	7	<0.5
TSL 40316	Soil	0.058	18	29	0.70	342	0.132	<1	1.74	0.018	0.21	0.1	0.02	4.7	0.2	<0.05	7	0.6
TSL 40317	Soil	0.073	18	24	0.50	347	0.083	<1	1.55	0.015	0.16	<0.1	0.04	4.6	0.1	<0.05	6	<0.5
TSL 40318	Soil	0.051	7	19	0.98	223	0.136	<1	1.85	0.028	0.42	<0.1	0.02	4.9	0.2	<0.05	6	<0.5
TSL 40319	Soil	0.043	5	21	0.54	132	0.086	<1	1.19	0.025	0.16	<0.1	0.01	4.2	<0.1	<0.05	6	0.7
TSL 38423	Soil	0.043	9	36	0.50	144	0.086	<1	2.11	0.010	0.08	0.1	0.02	3.3	<0.1	<0.05	8	<0.5
TSL 38424	Soil	0.027	9	33	0.58	194	0.114	<1	2.24	0.017	0.07	<0.1	0.01	4.7	0.1	<0.05	8	<0.5
TSL 38425	Soil	0.037	18	23	0.56	274	0.126	<1	1.97	0.013	0.14	0.1	0.01	4.5	<0.1	<0.05	7	<0.5
TSL 38426	Soil	0.041	13	34	0.65	268	0.131	<1	2.67	0.013	0.11	0.1	0.02	4.5	0.1	<0.05	9	<0.5
TSL 38427	Soil	0.047	10	29	0.52	191	0.104	<1	1.79	0.011	0.10	0.2	0.02	3.6	0.1	<0.05	9	<0.5
TSL 38428	Soil	0.042	11	24	0.73	243	0.154	<1	1.85	0.012	0.30	0.1	0.01	4.6	0.1	<0.05	9	<0.5
TSL 39050	Soil	0.073	10	28	0.56	235	0.087	<1	1.52	0.024	0.09	0.1	0.04	3.6	0.1	<0.05	5	<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: July 23, 2009

Page: 9 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 39051	Soil		0.6	20.6	7.0	51	<0.1	16.8	7.9	240	2.21	6.3	0.7	4.0	2.0	33	0.2	0.4	0.1	51	0.46
TSL 39052	Soil		0.8	26.9	7.8	60	<0.1	21.0	10.7	295	2.67	8.1	0.8	4.4	2.9	34	0.2	0.5	0.1	59	0.46
TSL 39053	Soil		0.7	25.9	7.3	61	<0.1	16.6	12.2	546	2.48	6.1	0.8	2.8	2.1	39	0.2	0.4	<0.1	57	0.66
TSL 39054	Soil		0.7	39.7	3.7	71	<0.1	14.3	19.6	404	3.90	2.8	0.4	<0.5	1.7	30	<0.1	<0.1	<0.1	78	0.45
TSL 39055	Soil		0.8	41.4	4.3	58	<0.1	15.7	16.6	414	3.53	5.1	0.7	0.7	3.3	28	<0.1	0.2	<0.1	69	0.46
TSL 39056	Soil		1.1	50.2	12.5	85	<0.1	16.4	21.7	710	5.22	4.3	0.7	1.1	5.7	24	<0.1	0.1	<0.1	95	0.42
TSL 39057	Soil		0.7	30.4	7.2	61	<0.1	13.8	10.0	329	2.88	5.7	0.7	1.5	2.9	34	<0.1	0.2	<0.1	64	0.45
TSL 39058	Soil		0.7	34.2	8.2	59	<0.1	17.6	11.6	350	3.06	6.8	0.9	0.9	3.4	33	0.1	0.3	<0.1	64	0.45
TSL 39059	Soil		1.3	40.0	9.6	87	<0.1	40.5	19.0	463	4.33	5.7	1.1	<0.5	12.2	20	<0.1	0.2	<0.1	67	0.37
TSL 39060	Soil		0.9	39.2	11.7	89	<0.1	47.8	20.2	519	4.42	8.4	1.1	1.3	13.2	18	0.1	0.3	<0.1	62	0.32
TSL 39394	Soil		1.0	23.5	15.4	76	<0.1	22.2	10.7	377	3.10	6.7	1.0	3.5	4.7	18	0.2	0.4	0.2	60	0.24
TSL 39395	Soil		0.9	17.9	13.3	68	<0.1	18.1	9.6	402	2.85	5.7	0.9	2.2	4.1	18	0.2	0.3	0.1	52	0.27
TSL 39396	Soil		0.9	34.5	16.0	90	0.2	18.8	9.9	351	3.44	6.3	1.4	2.3	3.9	14	0.2	0.3	0.2	65	0.17
TSL 39397	Soil		1.1	16.5	19.1	85	<0.1	12.0	9.5	603	3.35	7.3	0.6	2.5	2.6	11	0.1	0.4	0.1	56	0.14
TSL 39398	Soil		0.5	21.8	7.6	35	0.3	9.3	4.6	192	1.89	3.5	0.9	2.2	1.2	23	0.1	0.2	0.1	31	0.31
TSL 39399	Soil		0.8	24.0	13.6	96	<0.1	14.7	9.3	556	3.35	5.6	1.0	6.7	3.0	24	0.3	0.3	0.1	51	0.36
TSL 39400	Soil		0.9	28.1	13.3	92	0.1	17.4	12.4	686	3.56	7.4	0.8	5.6	2.8	27	0.2	0.4	0.2	74	0.58
TSL 39401	Soil		1.1	23.5	9.9	59	<0.1	17.1	10.9	382	3.11	8.4	0.5	5.1	2.5	19	0.1	0.5	0.1	71	0.29
TSL 40802	Soil		0.5	155.4	6.7	104	<0.1	18.9	19.9	750	5.35	4.0	0.9	<0.5	3.5	20	<0.1	0.3	0.1	148	0.59
TSL 40803	Soil		0.6	131.8	7.7	103	<0.1	19.4	21.1	760	6.29	4.3	0.6	2.0	3.2	18	<0.1	1.1	<0.1	175	0.52
TSL 40805	Soil		0.8	53.7	7.8	86	<0.1	25.0	24.1	598	4.78	5.0	0.5	2.5	2.7	28	0.1	0.3	<0.1	126	0.55
TSL 40806	Soil		0.7	91.5	6.2	99	<0.1	25.6	28.6	667	5.52	6.5	0.4	2.4	2.1	18	0.1	0.3	<0.1	148	0.62
TSL 40807	Soil		0.7	43.7	7.5	74	<0.1	18.2	17.3	645	3.71	6.5	0.9	7.5	2.4	27	0.1	0.4	0.1	93	0.67
TSL 40808	Soil		0.8	28.3	6.9	65	<0.1	23.7	11.9	497	2.80	7.6	0.7	1.7	2.4	40	0.3	0.5	0.1	68	0.76
TSL 40809	Soil		0.6	71.7	7.2	128	<0.1	30.2	23.3	932	5.11	2.6	0.4	3.0	2.7	27	<0.1	0.2	<0.1	112	0.98
TSL 40811	Soil		0.8	30.3	10.4	67	<0.1	19.7	13.9	379	3.58	6.8	0.8	2.2	2.9	27	<0.1	0.3	0.1	85	0.50
TSL 40812	Soil		0.8	25.1	10.0	57	<0.1	17.4	14.1	505	3.55	6.0	0.5	2.0	2.4	24	<0.1	0.4	0.1	88	0.30
TSL 40813	Soil		0.8	28.2	10.3	56	<0.1	16.5	12.8	418	3.32	7.3	0.8	3.8	3.6	26	0.1	0.3	0.1	79	0.38
TSL 40814	Soil		1.0	34.4	12.1	56	<0.1	17.1	11.3	324	3.34	7.5	0.9	1.5	3.7	26	<0.1	0.4	0.1	75	0.37
TSL 40815	Soil		0.6	21.7	11.5	52	<0.1	18.5	11.2	338	2.80	7.1	1.0	<0.5	3.9	26	<0.1	0.5	0.1	66	0.38



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: July 23, 2009

Page: 9 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 39051	Soil	0.075	11	25	0.49	205	0.079	<1	1.39	0.023	0.05	0.2	0.02	3.2	<0.1	<0.05	5	0.6
TSL 39052	Soil	0.096	13	29	0.62	219	0.087	1	1.72	0.030	0.06	0.2	0.02	3.6	<0.1	<0.05	5	<0.5
TSL 39053	Soil	0.078	11	25	0.56	285	0.080	<1	1.33	0.026	0.09	0.2	0.03	3.6	<0.1	<0.05	5	<0.5
TSL 39054	Soil	0.065	7	33	1.37	576	0.173	<1	2.15	0.020	0.67	<0.1	<0.01	4.6	0.1	<0.05	6	<0.5
TSL 39055	Soil	0.078	11	33	1.02	385	0.126	<1	1.92	0.019	0.34	<0.1	0.01	4.1	<0.1	<0.05	6	<0.5
TSL 39056	Soil	0.094	12	41	1.73	581	0.308	<1	2.84	0.012	1.38	<0.1	<0.01	3.6	0.4	<0.05	9	<0.5
TSL 39057	Soil	0.048	11	30	0.78	328	0.110	2	1.59	0.019	0.09	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5
TSL 39058	Soil	0.060	12	33	0.78	364	0.100	1	1.72	0.019	0.05	<0.1	0.02	4.5	<0.1	<0.05	6	<0.5
TSL 39059	Soil	0.075	21	67	1.45	342	0.169	<1	2.54	0.011	0.72	<0.1	<0.01	5.1	0.4	<0.05	9	<0.5
TSL 39060	Soil	0.073	19	71	1.33	315	0.160	1	2.36	0.011	0.71	<0.1	<0.01	5.1	0.4	<0.05	9	<0.5
TSL 39394	Soil	0.044	16	43	0.62	244	0.089	1	2.14	0.012	0.07	0.1	0.01	4.6	<0.1	<0.05	7	<0.5
TSL 39395	Soil	0.043	18	30	0.53	252	0.082	<1	1.82	0.011	0.08	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5
TSL 39396	Soil	0.051	28	33	0.51	408	0.050	1	2.33	0.011	0.05	<0.1	0.02	7.2	<0.1	<0.05	7	<0.5
TSL 39397	Soil	0.043	8	22	0.36	144	0.046	2	1.50	0.013	0.06	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5
TSL 39398	Soil	0.049	21	17	0.20	302	0.025	2	1.34	0.015	0.05	0.2	0.06	5.1	<0.1	<0.05	5	<0.5
TSL 39399	Soil	0.058	20	21	0.33	569	0.036	3	1.48	0.013	0.09	0.3	0.04	8.8	<0.1	<0.05	4	<0.5
TSL 39400	Soil	0.049	14	27	0.53	481	0.042	1	2.17	0.016	0.08	0.2	0.02	6.7	<0.1	<0.05	7	<0.5
TSL 39401	Soil	0.021	9	33	0.58	302	0.089	<1	1.83	0.016	0.08	0.2	0.01	4.5	<0.1	<0.05	6	<0.5
TSL 40802	Soil	0.120	14	13	1.20	277	0.066	2	2.44	0.012	0.33	<0.1	<0.01	9.4	0.1	<0.05	9	<0.5
TSL 40803	Soil	0.113	10	24	0.82	337	0.053	3	1.68	0.016	0.35	<0.1	<0.01	15.8	0.1	<0.05	7	<0.5
TSL 40805	Soil	0.062	9	42	1.03	232	0.147	1	2.15	0.023	0.21	<0.1	0.02	6.8	<0.1	<0.05	8	<0.5
TSL 40806	Soil	0.060	8	32	1.00	424	0.126	3	2.15	0.016	0.44	<0.1	0.02	15.3	0.2	<0.05	7	<0.5
TSL 40807	Soil	0.062	9	34	0.70	416	0.095	2	1.83	0.025	0.09	<0.1	0.04	6.8	0.1	<0.05	6	<0.5
TSL 40808	Soil	0.066	11	31	0.66	250	0.087	1	1.54	0.031	0.08	0.1	0.01	4.0	<0.1	<0.05	5	<0.5
TSL 40809	Soil	0.271	7	50	2.15	376	0.166	<1	2.47	0.034	1.01	<0.1	<0.01	7.1	0.3	<0.05	11	<0.5
TSL 40811	Soil	0.039	10	38	0.82	446	0.114	<1	2.09	0.023	0.09	0.2	0.01	6.9	<0.1	<0.05	7	<0.5
TSL 40812	Soil	0.027	8	38	0.80	246	0.121	<1	2.09	0.020	0.08	0.1	0.02	5.9	<0.1	<0.05	7	<0.5
TSL 40813	Soil	0.042	13	35	0.66	403	0.110	1	2.04	0.020	0.09	0.1	0.02	6.2	<0.1	<0.05	7	<0.5
TSL 40814	Soil	0.034	14	34	0.67	471	0.128	1	2.20	0.019	0.10	0.2	0.02	6.1	<0.1	<0.05	8	<0.5
TSL 40815	Soil	0.043	14	37	0.60	297	0.104	5	1.70	0.025	0.05	0.2	0.01	5.3	<0.1	<0.05	5	<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: July 23, 2009

Page: 10 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40832	Soil			0.8	76.8	12.7	103	<0.1	20.8	18.6	616	5.39	7.4	0.8	4.8	3.2	17	<0.1	1.0	0.1	122
TSL 38314	Soil			0.4	13.9	3.7	86	<0.1	41.9	16.9	375	5.80	1.0	1.5	1.2	26.7	15	<0.1	<0.1	<0.1	21
TSL 38315	Soil			0.6	36.2	25.9	141	<0.1	49.4	25.5	1399	6.18	4.2	2.3	7.8	30.8	15	<0.1	0.4	<0.1	23
TSL 38316	Soil			0.6	15.3	3.2	90	<0.1	43.7	17.9	371	5.89	0.8	1.4	<0.5	25.2	15	<0.1	<0.1	<0.1	21
TSL 38317	Soil			0.6	25.3	8.7	54	<0.1	26.5	11.9	297	3.28	9.3	1.6	1.1	15.5	19	<0.1	0.4	<0.1	53
TSL 38318	Soil			1.1	46.9	17.6	115	<0.1	42.4	20.4	514	5.72	7.1	2.2	0.6	23.1	11	<0.1	0.1	0.1	50
TSL 38393	Soil			1.6	48.7	9.7	81	<0.1	40.3	13.3	343	3.86	36.8	1.1	8.6	5.6	34	0.1	1.0	0.2	68
TSL 45219	Soil			0.5	28.8	9.6	85	<0.1	32.8	14.3	292	3.85	4.4	1.4	<0.5	16.7	15	<0.1	0.3	<0.1	53
TSL 45220	Soil			0.5	27.3	11.2	88	<0.1	29.2	14.9	233	3.88	5.5	0.8	<0.5	12.4	16	<0.1	0.2	0.1	50
TSL 45221	Soil			1.1	27.7	13.5	93	<0.1	36.8	12.6	362	3.97	12.9	0.9	4.9	8.9	14	<0.1	0.3	0.3	51
TSL 45222	Soil			1.2	22.4	8.8	61	<0.1	23.8	10.4	193	2.87	9.1	1.3	3.2	9.7	21	<0.1	0.3	0.2	50
TSL 45223	Soil			0.9	18.6	7.7	52	<0.1	21.9	10.1	221	2.80	7.5	0.9	2.7	7.0	20	<0.1	0.4	0.2	56
TSL 45224	Soil			2.6	31.9	5.8	79	<0.1	39.4	16.6	307	3.67	3.0	1.2	7.5	13.3	11	<0.1	0.1	0.1	45
TSL 45225	Soil			10.9	40.0	12.9	103	<0.1	41.8	18.6	473	5.09	1.3	2.1	4.4	22.0	10	<0.1	0.1	0.2	48
TSL 45226	Soil			0.7	33.1	11.3	91	<0.1	30.2	15.9	393	4.89	12.7	1.1	0.8	21.3	15	<0.1	0.3	0.1	49
TSL 38106	Soil			0.6	28.6	8.1	43	<0.1	18.7	14.1	318	3.14	5.6	0.8	2.0	2.0	85	<0.1	0.3	0.1	79
TSL 38107	Soil			1.0	61.5	3.6	76	<0.1	41.5	24.7	539	4.30	20.4	0.6	2.3	1.6	150	<0.1	0.2	0.2	74
TSL 38108	Soil			0.7	57.7	8.0	68	<0.1	13.8	36.2	482	7.33	190.7	1.1	1.7	1.2	235	<0.1	0.7	0.2	192
TSL 38109	Soil			0.5	79.1	10.7	61	<0.1	11.4	23.6	489	4.59	5.3	0.3	1.4	1.2	27	<0.1	0.2	<0.1	124
TSL 38110	Soil			0.2	33.4	3.4	63	<0.1	12.0	18.8	450	3.06	2.9	0.2	1.1	0.6	24	<0.1	<0.1	<0.1	86
TSL 38111	Soil			0.8	42.9	6.0	58	<0.1	13.7	11.5	374	2.98	11.6	0.7	2.5	1.9	33	<0.1	0.2	0.1	75
TSL 38112	Soil			0.3	82.6	2.4	79	<0.1	27.1	27.2	598	4.79	3.3	0.4	3.8	1.2	40	<0.1	<0.1	<0.1	150
TSL 38113	Soil			1.2	56.1	13.4	120	<0.1	15.5	14.0	633	4.94	9.5	1.2	3.8	9.1	26	0.1	0.2	0.2	84
TSL 38114	Soil			0.8	57.3	6.1	84	<0.1	21.7	17.6	583	4.54	7.2	0.6	2.1	3.8	26	<0.1	0.3	0.1	115
TSL 38115	Soil			0.6	60.1	8.5	106	<0.1	19.2	17.4	757	5.27	6.8	0.6	5.3	7.0	22	<0.1	0.1	0.1	117
TSL 38116	Soil			0.6	75.2	6.3	64	<0.1	17.8	18.0	554	4.13	31.5	0.8	2.3	6.3	24	<0.1	0.1	<0.1	75
TSL 38117	Soil			0.5	45.0	3.4	97	<0.1	14.9	16.6	509	4.10	9.3	0.8	0.8	4.3	26	<0.1	<0.1	<0.1	89
TSL 38118	Soil			0.4	100.7	2.7	67	<0.1	25.6	22.8	437	4.35	3.8	0.4	1.9	1.5	15	<0.1	<0.1	<0.1	143
TSL 38119	Soil			0.7	35.4	5.9	54	<0.1	15.0	11.7	309	3.09	10.1	0.7	2.7	2.6	27	<0.1	0.2	<0.1	78
TSL 38132	Soil			0.2	111.3	3.3	45	<0.1	35.9	21.6	432	3.18	2.3	0.2	2.4	0.9	17	<0.1	<0.1	<0.1	93



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: July 23, 2009

Page: 10 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40832	Soil	0.049	12	35	0.76	478	0.051	2	1.95	0.018	0.18	<0.1	0.05	12.1	<0.1	<0.05	8	<0.5
TSL 38314	Soil	0.054	131	27	0.75	239	0.152	2	1.89	0.006	0.95	<0.1	<0.01	9.9	0.9	<0.05	5	<0.5
TSL 38315	Soil	0.063	65	24	0.12	211	0.005	3	0.68	0.007	0.22	0.1	0.18	6.8	0.2	<0.05	1	<0.5
TSL 38316	Soil	0.053	131	27	0.76	240	0.157	2	2.00	0.007	0.96	<0.1	<0.01	10.1	0.9	<0.05	5	<0.5
TSL 38317	Soil	0.029	79	31	0.45	246	0.061	2	1.57	0.013	0.10	0.1	0.04	5.6	0.2	<0.05	4	<0.5
TSL 38318	Soil	0.054	80	56	0.78	226	0.148	2	2.14	0.008	0.85	<0.1	0.01	9.3	0.6	<0.05	8	<0.5
TSL 38393	Soil	0.074	21	44	0.62	266	0.096	1	1.67	0.024	0.13	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5
TSL 45219	Soil	0.055	52	43	0.78	183	0.136	1	2.09	0.015	0.54	0.1	0.01	4.5	0.3	<0.05	7	<0.5
TSL 45220	Soil	0.090	24	42	0.82	216	0.164	<1	2.29	0.015	0.64	0.1	<0.01	4.1	0.5	<0.05	7	<0.5
TSL 45221	Soil	0.079	31	58	0.92	321	0.186	1	2.08	0.009	0.80	<0.1	0.04	3.8	0.5	0.07	7	0.8
TSL 45222	Soil	0.034	30	32	0.55	427	0.092	1	1.69	0.011	0.12	0.2	0.02	3.8	0.1	<0.05	6	0.8
TSL 45223	Soil	0.030	19	34	0.55	249	0.089	2	1.86	0.014	0.08	0.1	0.01	3.4	0.1	<0.05	5	<0.5
TSL 45224	Soil	0.051	29	42	0.84	244	0.108	<1	1.99	0.007	0.58	<0.1	<0.01	3.9	0.4	<0.05	6	0.8
TSL 45225	Soil	0.073	80	51	0.97	246	0.162	1	2.18	0.008	0.98	<0.1	<0.01	6.3	0.6	<0.05	8	0.7
TSL 45226	Soil	0.050	44	49	0.89	222	0.220	<1	2.43	0.010	1.05	<0.1	<0.01	5.0	0.6	<0.05	9	0.7
TSL 38106	Soil	0.050	12	28	0.79	805	0.109	2	1.71	0.049	0.19	<0.1	0.03	5.6	<0.1	<0.05	5	0.9
TSL 38107	Soil	0.050	8	89	1.40	530	0.152	1	1.98	0.039	0.50	<0.1	0.01	6.4	0.2	0.24	6	1.1
TSL 38108	Soil	0.076	11	15	1.08	284	0.198	2	1.96	0.121	0.65	<0.1	0.02	9.8	0.1	0.74	9	2.0
TSL 38109	Soil	0.030	5	12	1.02	412	0.161	<1	1.82	0.047	0.43	<0.1	<0.01	5.5	0.1	<0.05	7	0.6
TSL 38110	Soil	0.036	4	27	1.39	316	0.142	1	1.77	0.070	0.35	<0.1	<0.01	5.4	0.1	<0.05	5	0.6
TSL 38111	Soil	0.059	9	23	0.64	306	0.086	2	1.40	0.038	0.15	0.1	0.02	5.0	<0.1	<0.05	4	0.5
TSL 38112	Soil	0.072	6	31	1.93	551	0.256	<1	2.68	0.033	1.02	<0.1	0.01	5.9	0.3	<0.05	8	<0.5
TSL 38113	Soil	0.044	23	19	0.60	388	0.068	2	1.43	0.015	0.37	<0.1	0.02	8.2	0.2	<0.05	5	0.9
TSL 38114	Soil	0.043	11	26	1.27	364	0.197	1	2.17	0.020	0.78	<0.1	0.01	7.1	0.3	<0.05	7	0.7
TSL 38115	Soil	0.059	12	25	1.53	366	0.243	<1	2.63	0.013	1.41	0.1	<0.01	8.4	0.5	<0.05	11	<0.5
TSL 38116	Soil	0.044	16	21	1.46	318	0.207	<1	2.31	0.015	1.04	<0.1	<0.01	3.8	0.4	<0.05	7	0.6
TSL 38117	Soil	0.056	10	16	1.53	399	0.256	<1	2.27	0.015	1.18	<0.1	<0.01	4.3	0.5	<0.05	8	<0.5
TSL 38118	Soil	0.107	6	39	1.27	330	0.189	<1	2.02	0.021	0.90	<0.1	<0.01	4.7	0.2	<0.05	7	<0.5
TSL 38119	Soil	0.048	10	29	0.68	262	0.127	<1	1.62	0.029	0.14	0.1	<0.01	4.1	0.1	<0.05	5	0.5
TSL 38132	Soil	0.028	4	142	1.76	244	0.142	<1	2.04	0.026	0.66	<0.1	<0.01	4.3	0.2	<0.05	5	<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: July 23, 2009

Page: 11 of 12 Part 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40532	Soil		1.9	27.6	8.3	119	<0.1	16.6	20.6	710	5.17	17.7	0.7	3.9	3.6	18	0.2	0.2	0.1	118	0.47
TSL 40533	Soil		1.8	22.9	7.7	103	<0.1	16.4	16.8	1084	4.26	10.5	1.0	3.7	3.7	28	0.2	0.2	0.1	101	0.71
TSL 40534	Soil		1.6	17.6	7.2	103	<0.1	15.3	15.6	628	4.33	10.8	0.6	1.9	3.0	24	<0.1	0.2	0.1	99	0.57
TSL 40563	Soil		1.2	20.1	6.8	97	<0.1	14.5	14.1	429	3.84	4.4	0.7	10.4	3.0	23	0.1	0.2	0.1	94	0.53
TSL 40564	Soil		1.3	21.5	7.5	95	<0.1	15.0	16.6	638	3.99	6.0	0.6	5.6	2.9	23	0.1	0.2	0.1	99	0.54
TSL 40565	Soil		5.2	42.4	3.7	72	<0.1	6.2	29.7	380	6.97	4.1	1.2	1.7	3.0	56	<0.1	0.2	0.2	113	0.44
TSL 40566	Soil		0.9	49.4	9.4	59	<0.1	18.7	11.9	367	3.08	7.7	1.1	4.2	3.2	36	<0.1	0.4	0.1	71	0.62
TSL 40567	Soil		1.3	48.8	7.8	63	<0.1	16.1	12.5	369	3.64	8.5	0.9	3.0	2.7	32	<0.1	0.4	0.1	87	0.55
TSL 40568	Soil		0.8	36.6	10.3	69	<0.1	6.7	4.5	259	2.65	6.8	0.8	<0.5	6.1	12	<0.1	0.3	0.2	40	0.19
TSL 40569	Soil		0.4	116.0	8.8	114	<0.1	8.7	18.3	414	5.02	2.3	0.2	1.3	0.7	29	<0.1	0.2	<0.1	142	0.65
TSL 40570	Soil		0.6	120.7	9.0	160	<0.1	16.7	14.6	498	5.24	5.2	0.6	3.4	2.3	19	<0.1	0.4	<0.1	162	0.46
TSL 40571	Soil		0.2	42.1	4.5	75	<0.1	25.5	11.0	345	2.96	2.4	0.6	2.3	4.7	18	<0.1	0.1	<0.1	39	0.30
TSL 40830	Soil		0.6	68.9	5.3	68	<0.1	17.6	20.4	361	4.82	5.0	0.4	1.2	2.3	16	<0.1	0.6	<0.1	123	0.40
TSL 40831	Soil		0.3	119.4	15.2	93	<0.1	23.1	29.1	563	5.76	3.2	0.6	4.5	1.5	36	<0.1	0.6	0.1	189	0.77
TSL 40117	Soil		2.8	183.0	9.4	89	<0.1	11.1	21.5	313	3.86	4.7	0.4	0.9	1.0	14	<0.1	<0.1	<0.1	119	0.28
TSL 40138	Soil		0.9	32.3	14.3	120	<0.1	16.9	11.0	582	3.13	5.7	0.9	3.5	3.5	18	0.2	0.2	0.2	68	0.24
TSL 40139	Soil		0.9	32.2	17.3	153	0.2	18.8	12.9	630	2.97	3.6	0.7	3.1	2.1	22	0.2	0.2	0.2	70	0.32
TSL 40140	Soil		1.0	44.1	28.3	212	0.3	10.1	5.8	175	2.48	4.2	0.7	8.4	2.0	20	0.2	0.2	0.2	38	0.19
TSL 40141	Soil		1.0	48.9	34.7	134	0.4	7.6	5.7	313	1.85	4.7	1.0	4.7	0.5	18	0.5	0.2	0.2	30	0.15
TSL 40142	Soil		1.1	20.3	16.3	103	<0.1	7.4	4.5	268	2.34	6.0	0.4	2.2	0.5	10	0.2	0.2	0.2	48	0.09
TSL 40143	Soil		1.0	17.5	51.4	81	0.2	8.0	3.7	141	2.41	5.0	0.3	2.2	0.8	9	0.4	0.3	0.2	50	0.08
TSL 40144	Soil		1.6	24.6	51.8	151	0.1	10.7	4.8	242	3.00	7.3	0.4	3.6	1.3	12	0.3	0.3	0.4	64	0.11
TSL 40145	Soil		0.9	27.4	30.8	93	0.1	9.4	3.6	124	1.75	4.7	0.5	3.6	0.9	14	0.3	0.2	0.2	35	0.12
TSL 40146	Soil		0.7	27.0	12.9	124	<0.1	12.8	8.7	298	2.84	5.4	0.6	2.6	2.0	21	0.2	0.3	0.1	60	0.24
TSL 40147	Soil		0.7	21.4	11.7	103	<0.1	13.9	7.4	201	2.47	5.5	0.6	2.3	1.5	17	0.3	0.3	0.1	53	0.22
TSL 40148	Soil		0.9	19.3	10.9	86	<0.1	13.4	9.4	341	2.60	6.1	0.6	3.1	1.2	16	0.2	0.3	0.2	52	0.21
TSL 40149	Soil		0.9	15.1	15.9	68	<0.1	13.8	10.5	484	2.68	7.2	0.6	3.2	2.9	14	0.1	0.3	0.2	58	0.17
TSL 40150	Soil		0.8	18.3	9.7	74	<0.1	15.7	15.5	873	2.87	6.5	0.6	2.6	1.9	17	0.2	0.3	0.1	63	0.21
TSL 40157	Soil		0.5	12.5	8.1	63	<0.1	15.6	8.4	333	2.28	5.9	0.5	2.0	2.3	21	0.1	0.3	0.1	51	0.31
TSL 40158	Soil		0.6	24.6	12.2	228	<0.1	10.5	9.3	710	4.62	7.9	0.5	0.8	2.0	24	0.4	0.3	0.1	32	0.26



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: July 23, 2009

Page: 11 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40532	Soil	0.124	14	24	1.02	390	0.201	<1	2.24	0.014	0.66	0.1	0.01	8.1	0.2	<0.05	9	0.7
TSL 40533	Soil	0.102	22	27	0.92	438	0.182	<1	2.14	0.018	0.54	0.1	0.03	7.3	0.2	<0.05	8	0.9
TSL 40534	Soil	0.098	11	25	0.84	409	0.187	<1	2.08	0.016	0.43	0.1	0.02	5.6	0.2	<0.05	8	0.5
TSL 40563	Soil	0.091	13	28	0.81	337	0.164	<1	1.94	0.018	0.31	0.1	0.02	5.9	0.2	<0.05	8	0.5
TSL 40564	Soil	0.081	10	34	0.81	348	0.146	<1	1.82	0.018	0.23	0.1	0.02	5.5	0.1	<0.05	8	0.6
TSL 40565	Soil	0.055	15	12	1.37	486	0.077	<1	2.50	0.058	0.38	<0.1	0.02	11.8	<0.1	0.23	8	3.2
TSL 40566	Soil	0.046	16	31	0.66	453	0.103	<1	1.77	0.025	0.07	0.1	0.05	5.9	<0.1	<0.05	6	0.7
TSL 40567	Soil	0.044	11	29	0.78	387	0.108	<1	2.00	0.025	0.10	<0.1	0.04	6.2	<0.1	<0.05	7	0.7
TSL 40568	Soil	0.026	10	10	0.39	164	0.043	<1	1.27	0.008	0.23	0.1	<0.01	3.8	<0.1	<0.05	5	0.7
TSL 40569	Soil	0.103	2	11	1.32	331	0.233	<1	2.31	0.026	0.58	<0.1	<0.01	3.9	0.2	<0.05	8	<0.5
TSL 40570	Soil	0.072	8	16	1.35	512	0.157	<1	2.31	0.019	0.70	<0.1	0.06	7.5	0.2	<0.05	9	1.0
TSL 40571	Soil	0.031	6	46	1.31	278	0.103	<1	2.04	0.008	0.65	<0.1	<0.01	3.6	0.7	<0.05	7	0.6
TSL 40830	Soil	0.030	7	31	1.19	256	0.093	<1	2.28	0.031	0.35	<0.1	0.04	8.0	0.2	<0.05	7	0.6
TSL 40831	Soil	0.035	8	43	1.30	394	0.090	<1	2.36	0.053	0.10	<0.1	0.03	10.5	<0.1	<0.05	9	0.7
TSL 40117	Soil	0.069	7	13	1.14	225	0.177	<1	1.78	0.035	0.63	<0.1	<0.01	4.3	0.2	0.09	7	0.8
TSL 40138	Soil	0.049	11	31	0.71	210	0.075	1	1.76	0.014	0.08	0.1	0.02	4.0	<0.1	0.09	6	<0.5
TSL 40139	Soil	0.064	13	42	1.16	255	0.079	<1	1.88	0.018	0.13	<0.1	0.05	4.5	0.1	0.11	7	<0.5
TSL 40140	Soil	0.044	11	17	0.48	209	0.053	1	1.35	0.013	0.08	<0.1	0.08	3.5	0.1	<0.05	6	<0.5
TSL 40141	Soil	0.051	12	16	0.22	356	0.027	<1	1.25	0.017	0.06	<0.1	0.07	2.7	0.1	0.08	6	<0.5
TSL 40142	Soil	0.043	5	15	0.26	92	0.057	<1	1.02	0.012	0.08	<0.1	0.03	2.1	<0.1	<0.05	7	<0.5
TSL 40143	Soil	0.045	6	17	0.20	149	0.046	<1	1.51	0.010	0.04	<0.1	0.02	2.1	<0.1	<0.05	8	<0.5
TSL 40144	Soil	0.041	6	18	0.34	152	0.101	<1	1.36	0.011	0.07	0.2	0.02	3.2	<0.1	<0.05	9	<0.5
TSL 40145	Soil	0.034	7	17	0.25	138	0.067	1	1.19	0.014	0.06	<0.1	0.03	2.6	<0.1	<0.05	7	0.5
TSL 40146	Soil	0.052	9	21	0.54	186	0.089	<1	1.52	0.015	0.13	0.1	0.02	3.4	<0.1	<0.05	6	<0.5
TSL 40147	Soil	0.046	9	21	0.46	164	0.062	1	1.48	0.011	0.06	0.2	0.04	3.1	0.1	<0.05	5	<0.5
TSL 40148	Soil	0.056	9	23	0.43	146	0.059	<1	1.43	0.013	0.06	0.2	0.03	2.8	0.1	<0.05	5	<0.5
TSL 40149	Soil	0.042	9	25	0.38	112	0.070	<1	1.38	0.014	0.06	0.2	0.04	2.5	<0.1	<0.05	6	<0.5
TSL 40150	Soil	0.052	11	24	0.44	164	0.063	<1	1.44	0.013	0.07	0.2	0.03	2.7	<0.1	<0.05	6	<0.5
TSL 40157	Soil	0.066	9	22	0.47	128	0.065	1	1.14	0.017	0.06	0.2	0.03	2.4	<0.1	<0.05	4	<0.5
TSL 40158	Soil	0.039	7	15	0.58	286	0.079	<1	1.76	0.011	0.52	<0.1	0.02	5.5	<0.1	<0.05	10	<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: July 23, 2009

Page: 12 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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	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 40159	Soil		0.5	25.2	9.9	228	<0.1	7.4	7.6	766	4.74	6.2	0.5	1.4	1.8	25	0.4	0.2	<0.1	25
TSL 40160	Soil		0.5	20.5	10.5	132	<0.1	8.3	5.2	255	3.11	6.0	0.5	1.2	2.3	14	0.1	0.2	0.1	28
TSL 40161	Soil		0.8	210.8	132.0	320	<0.1	13.7	19.7	785	5.05	28.8	0.9	0.8	5.0	13	0.3	0.2	0.7	54
TSL 40624	Soil		0.6	54.9	6.5	33	<0.1	4.5	11.8	197	3.49	7.0	0.5	<0.5	3.2	19	<0.1	<0.1	<0.1	56
TSL 40625	Soil		0.7	21.2	7.0	51	<0.1	17.2	8.5	221	2.76	9.1	0.8	3.6	3.7	16	<0.1	0.5	0.1	57
TSL 40626	Soil		0.5	9.5	5.0	32	<0.1	6.3	11.3	209	3.50	7.2	0.5	<0.5	2.7	15	<0.1	0.2	<0.1	56
TSL 40627	Soil		0.9	86.6	4.5	27	<0.1	20.9	16.5	244	3.57	21.9	0.3	0.9	1.0	16	<0.1	0.3	<0.1	123
TSL 40628	Soil		0.5	45.9	10.9	32	<0.1	31.8	15.3	177	3.07	5.4	0.4	1.1	2.2	11	<0.1	0.2	0.1	79
TSL 40629	Soil		1.0	57.2	6.6	58	<0.1	23.7	16.4	368	3.90	8.1	0.7	4.3	3.3	23	<0.1	0.4	0.1	98
TSL 40630	Soil		1.2	68.9	4.0	55	<0.1	32.6	20.1	346	4.38	6.1	0.3	<0.5	1.8	16	<0.1	0.3	<0.1	123
TSL 40631	Soil		1.1	41.8	8.2	56	<0.1	18.6	11.8	297	3.62	9.4	0.5	1.4	2.4	15	<0.1	0.4	0.1	94
TSL 40632	Soil		2.4	73.7	10.4	83	<0.1	18.0	9.9	265	4.73	10.1	1.6	1.5	4.3	30	<0.1	0.3	0.3	102
TSL 40633	Soil		0.7	59.0	6.0	54	<0.1	28.5	15.1	254	3.33	13.0	0.4	1.9	1.9	16	<0.1	0.3	0.1	102
TSL 40634	Soil		0.7	45.4	16.4	79	<0.1	15.9	13.7	443	3.48	6.7	0.7	2.3	3.3	20	0.1	0.3	0.2	89



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: July 23, 2009

Page: 12 of 12 Part 2

CERTIFICATE OF ANALYSIS

VAN09002904.1

	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 40159	Soil	0.043	7	11	0.56	279	0.081	<1	1.73	0.016	0.62	<0.1	0.01	5.4	<0.1	<0.05	10	<0.5
TSL 40160	Soil	0.014	5	14	0.30	154	0.049	<1	1.25	0.009	0.14	<0.1	<0.01	5.4	<0.1	<0.05	6	<0.5
TSL 40161	Soil	0.041	10	20	0.81	273	0.077	<1	2.40	0.010	0.63	<0.1	0.02	5.8	0.3	<0.05	12	<0.5
TSL 40624	Soil	0.030	12	8	0.91	617	0.125	<1	1.94	0.015	0.29	<0.1	<0.01	5.6	0.1	<0.05	8	<0.5
TSL 40625	Soil	0.018	15	29	0.47	263	0.073	<1	1.33	0.012	0.07	<0.1	0.02	3.6	<0.1	<0.05	5	<0.5
TSL 40626	Soil	0.026	6	10	0.75	757	0.153	<1	1.81	0.013	0.45	<0.1	<0.01	4.1	0.1	<0.05	7	<0.5
TSL 40627	Soil	0.034	3	23	0.80	346	0.148	<1	1.94	0.022	0.11	<0.1	0.01	2.9	<0.1	<0.05	6	<0.5
TSL 40628	Soil	0.050	6	59	0.87	181	0.125	<1	2.05	0.016	0.14	<0.1	0.01	2.7	<0.1	<0.05	5	<0.5
TSL 40629	Soil	0.026	10	35	0.74	272	0.086	<1	1.94	0.017	0.08	0.1	0.01	5.6	<0.1	<0.05	6	<0.5
TSL 40630	Soil	0.022	5	72	1.25	198	0.100	<1	2.41	0.023	0.10	<0.1	<0.01	5.8	<0.1	<0.05	7	<0.5
TSL 40631	Soil	0.059	7	29	0.65	208	0.106	<1	2.05	0.019	0.11	0.1	0.02	2.8	<0.1	<0.05	7	<0.5
TSL 40632	Soil	0.038	22	37	0.87	335	0.099	<1	1.91	0.034	0.26	<0.1	0.02	11.5	0.1	0.22	7	1.0
TSL 40633	Soil	0.028	6	66	0.79	230	0.131	<1	1.98	0.014	0.16	<0.1	0.02	3.3	0.1	<0.05	6	<0.5
TSL 40634	Soil	0.044	14	28	0.77	329	0.133	1	1.96	0.020	0.35	<0.1	0.03	5.3	0.2	<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: July 23, 2009

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN09002904.1

	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 40049	Soil		0.7	44.1	6.2	67	<0.1	13.7	12.5	317	3.51	5.2	0.4	1.5	2.2	13	<0.1	0.2	<0.1	77	0.30
REP TSL 40049	QC		0.6	43.6	6.1	73	<0.1	12.5	12.9	337	3.59	4.4	0.4	3.1	2.3	14	<0.1	0.2	<0.1	78	0.30
TSL 40057	Soil		2.0	59.7	9.8	78	<0.1	21.7	14.7	245	3.50	10.7	0.6	9.0	2.7	19	0.2	0.4	0.1	86	0.26
REP TSL 40057	QC		2.2	60.4	9.8	76	<0.1	22.4	14.3	263	3.45	10.5	0.7	8.6	2.7	20	<0.1	0.5	0.1	86	0.26
TSL 39118	Soil		0.8	55.0	8.5	49	<0.1	13.5	17.3	351	2.79	4.1	0.7	2.4	1.8	34	<0.1	0.2	0.1	63	0.40
REP TSL 39118	QC		0.7	58.6	8.8	50	<0.1	14.2	19.4	349	2.85	4.5	0.7	3.8	1.8	33	<0.1	0.2	0.1	68	0.43
TSL 39075	Soil		2.0	61.6	15.4	86	<0.1	108.2	36.1	796	5.53	28.6	1.1	3.0	7.6	83	0.2	0.2	<0.1	91	1.17
REP TSL 39075	QC		2.0	68.8	15.7	91	<0.1	114.4	39.5	896	6.01	29.1	1.1	1.3	7.7	90	0.2	0.3	0.1	94	1.16
TSL 39272	Soil		0.3	6.5	2.3	19	<0.1	9.3	10.5	156	1.82	2.5	0.1	1.0	0.5	12	<0.1	0.1	<0.1	49	0.25
REP TSL 39272	QC		0.2	5.6	2.2	18	<0.1	9.6	10.2	152	1.80	2.3	<0.1	<0.5	0.5	12	<0.1	0.1	0.1	47	0.25
TSL 45238	Soil		0.8	12.9	7.1	56	<0.1	17.5	8.1	296	1.95	8.0	0.5	1.4	1.7	27	0.2	0.3	0.1	53	0.41
REP TSL 45238	QC		0.8	13.5	7.5	55	<0.1	18.6	8.0	299	1.96	8.2	0.6	18.1	1.7	28	0.2	0.3	0.1	53	0.42
TSL 38413	Soil		1.3	78.3	22.0	183	0.2	14.6	10.2	395	3.77	6.5	0.6	2.9	2.5	19	0.2	0.3	0.3	83	0.18
REP TSL 38413	QC		1.4	79.4	21.7	188	0.2	14.5	10.5	401	3.78	6.8	0.6	3.5	2.4	19	0.2	0.3	0.3	80	0.18
TSL 38083	Soil		0.7	16.6	21.5	48	<0.1	10.4	7.7	324	3.29	5.7	1.6	<0.5	7.7	12	<0.1	0.2	0.2	48	0.13
REP TSL 38083	QC		0.7	16.3	21.2	47	<0.1	9.7	7.8	323	3.13	5.6	1.5	<0.5	7.7	12	<0.1	0.2	0.2	46	0.14
TSL 38323	Soil		0.8	63.8	3.0	96	<0.1	29.8	18.0	406	4.62	2.5	0.4	<0.5	2.8	17	<0.1	<0.1	<0.1	107	0.43
REP TSL 38323	QC		0.7	70.4	3.4	91	<0.1	26.2	19.7	385	4.47	2.7	0.4	<0.5	2.6	16	<0.1	<0.1	<0.1	89	0.49
TSL 40845	Soil		1.2	44.4	12.0	115	<0.1	39.7	23.0	788	6.07	6.7	1.0	0.5	17.7	6	<0.1	0.1	<0.1	52	0.13
REP TSL 40845	QC		1.0	40.2	12.6	105	<0.1	41.9	20.9	643	6.10	7.0	0.9	<0.5	18.1	6	<0.1	0.1	<0.1	52	0.14
TSL 40311	Soil		0.5	19.4	17.8	82	<0.1	11.5	7.7	329	2.85	4.5	1.1	7.6	4.0	32	0.1	0.3	0.1	49	0.34
REP TSL 40311	QC		0.5	19.5	17.8	83	<0.1	11.0	7.6	320	2.81	4.8	1.1	5.2	3.8	32	0.1	0.3	0.2	50	0.33
TSL 40316	Soil		1.0	51.7	16.0	112	0.2	17.6	11.2	379	3.30	9.9	0.8	2.9	2.8	28	0.2	0.3	0.2	74	0.30
REP TSL 40316	QC		0.9	51.3	15.6	111	0.1	16.0	11.0	382	3.15	9.2	0.8	2.8	2.9	25	0.2	0.3	0.2	72	0.30
TSL 39401	Soil		1.1	23.5	9.9	59	<0.1	17.1	10.9	382	3.11	8.4	0.5	5.1	2.5	19	0.1	0.5	0.1	71	0.29
REP TSL 39401	QC		1.0	24.1	10.2	63	<0.1	18.5	11.1	383	3.22	7.8	0.5	2.3	2.5	20	0.1	0.4	0.1	72	0.30
TSL 40806	Soil		0.7	91.5	6.2	99	<0.1	25.6	28.6	667	5.52	6.5	0.4	2.4	2.1	18	0.1	0.3	<0.1	148	0.62
REP TSL 40806	QC		0.6	90.1	6.4	98	<0.1	24.2	30.2	687	5.63	6.6	0.4	4.0	2.2	18	0.2	0.3	<0.1	153	0.64



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: July 23, 2009

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN09002904.1

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
Pulp Duplicates																		
TSL 40049	Soil	0.044	7	19	0.83	187	0.151	<1	1.79	0.020	0.39	<0.1	<0.01	4.5	0.1	<0.05	6	<0.5
REP TSL 40049	QC	0.047	7	19	0.86	179	0.157	<1	1.76	0.019	0.41	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5
TSL 40057	Soil	0.024	11	34	0.73	331	0.120	<1	1.97	0.021	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
REP TSL 40057	QC	0.025	11	35	0.74	329	0.124	<1	2.05	0.022	0.06	0.1	0.03	4.9	<0.1	<0.05	6	<0.5
TSL 39118	Soil	0.033	7	26	0.64	325	0.109	1	1.66	0.029	0.11	<0.1	<0.01	4.4	<0.1	0.21	5	0.7
REP TSL 39118	QC	0.027	7	27	0.56	324	0.110	2	1.59	0.027	0.12	<0.1	<0.01	4.9	<0.1	0.07	5	0.6
TSL 39075	Soil	0.435	44	125	1.93	1181	0.175	<1	2.95	0.013	1.01	0.1	<0.01	4.8	0.4	<0.05	12	<0.5
REP TSL 39075	QC	0.494	46	133	1.98	1245	0.194	2	3.18	0.015	1.01	<0.1	<0.01	5.1	0.5	<0.05	12	0.7
TSL 39272	Soil	0.026	1	12	0.70	132	0.107	<1	1.18	0.023	0.21	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5
REP TSL 39272	QC	0.026	1	13	0.69	127	0.107	<1	1.16	0.022	0.21	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5
TSL 45238	Soil	0.059	10	31	0.46	166	0.072	1	1.28	0.019	0.06	0.2	0.02	2.6	<0.1	<0.05	4	<0.5
REP TSL 45238	QC	0.058	10	30	0.48	174	0.072	<1	1.29	0.022	0.06	0.2	0.03	2.4	<0.1	<0.05	4	<0.5
TSL 38413	Soil	0.042	10	33	0.75	239	0.127	2	2.03	0.015	0.17	<0.1	0.01	5.1	0.1	<0.05	9	<0.5
REP TSL 38413	QC	0.042	10	34	0.74	247	0.129	1	1.95	0.021	0.17	<0.1	0.01	5.0	0.1	<0.05	10	<0.5
TSL 38083	Soil	0.023	8	18	0.61	290	0.127	2	1.44	0.009	0.54	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5
REP TSL 38083	QC	0.021	8	18	0.59	296	0.126	1	1.39	0.009	0.53	<0.1	<0.01	4.6	0.2	<0.05	7	<0.5
TSL 38323	Soil	0.076	5	77	1.70	315	0.156	<1	2.30	0.013	1.02	<0.1	0.01	6.0	0.3	<0.05	9	<0.5
REP TSL 38323	QC	0.067	6	79	1.66	297	0.156	<1	2.90	0.016	0.95	<0.1	<0.01	6.3	0.4	<0.05	9	<0.5
TSL 40845	Soil	0.103	13	57	1.11	160	0.274	<1	2.84	0.007	1.10	<0.1	<0.01	5.1	0.8	<0.05	9	0.6
REP TSL 40845	QC	0.079	13	46	1.27	165	0.236	<1	2.57	0.008	1.45	<0.1	<0.01	5.3	0.8	<0.05	10	0.6
TSL 40311	Soil	0.058	18	22	0.56	406	0.120	1	1.54	0.013	0.20	0.1	0.02	4.6	0.1	<0.05	7	<0.5
REP TSL 40311	QC	0.059	18	21	0.57	392	0.125	<1	1.55	0.014	0.20	0.1	0.02	4.8	<0.1	<0.05	7	<0.5
TSL 40316	Soil	0.058	18	29	0.70	342	0.132	<1	1.74	0.018	0.21	0.1	0.02	4.7	0.2	<0.05	7	0.6
REP TSL 40316	QC	0.057	17	28	0.72	325	0.128	<1	1.87	0.019	0.20	0.1	0.02	4.6	0.1	<0.05	7	<0.5
TSL 39401	Soil	0.021	9	33	0.58	302	0.089	<1	1.83	0.016	0.08	0.2	0.01	4.5	<0.1	<0.05	6	<0.5
REP TSL 39401	QC	0.020	9	32	0.58	304	0.091	<1	1.85	0.015	0.09	0.1	0.01	4.7	<0.1	<0.05	6	<0.5
TSL 40806	Soil	0.060	8	32	1.00	424	0.126	3	2.15	0.016	0.44	<0.1	0.02	15.3	0.2	<0.05	7	<0.5
REP TSL 40806	QC	0.063	8	33	0.99	440	0.130	2	2.22	0.023	0.43	<0.1	0.03	15.4	0.3	<0.05	8	<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: July 23, 2009

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN09002904.1

		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 38113	Soil		1.2	56.1	13.4	120	<0.1	15.5	14.0	633	4.94	9.5	1.2	3.8	9.1	26	0.1	0.2	0.2	84	0.35
REP TSL 38113	QC		1.3	58.9	13.5	127	<0.1	16.3	14.3	637	5.13	9.4	1.3	3.7	9.1	26	0.2	0.2	0.2	85	0.34
TSL 38132	Soil		0.2	111.3	3.3	45	<0.1	35.9	21.6	432	3.18	2.3	0.2	2.4	0.9	17	<0.1	<0.1	<0.1	93	0.38
REP TSL 38132	QC		0.2	116.3	3.2	46	<0.1	35.5	23.0	434	3.30	2.2	0.2	2.0	0.9	16	<0.1	<0.1	<0.1	94	0.37
TSL 40140	Soil		1.0	44.1	28.3	212	0.3	10.1	5.8	175	2.48	4.2	0.7	8.4	2.0	20	0.2	0.2	0.2	38	0.19
REP TSL 40140	QC		0.9	45.6	28.1	224	0.3	10.1	5.8	176	2.49	4.3	0.7	6.7	2.1	21	0.3	0.2	0.2	38	0.20
TSL 40634	Soil		0.7	45.4	16.4	79	<0.1	15.9	13.7	443	3.48	6.7	0.7	2.3	3.3	20	0.1	0.3	0.2	89	0.28
REP TSL 40634	QC		0.8	45.9	16.8	86	<0.1	17.2	14.7	445	3.69	6.9	0.8	1.4	3.4	21	<0.1	0.3	0.2	90	0.29
Reference Materials																					
STD DS7	Standard		20.6	113.9	70.2	412	0.9	57.9	9.8	648	2.50	52.6	5.0	66.9	4.5	73	5.8	6.0	4.1	85	1.02
STD DS7	Standard		20.1	105.4	68.4	390	0.8	55.7	9.4	627	2.43	48.7	4.7	59.2	4.4	67	6.3	5.6	3.9	86	0.95
STD DS7	Standard		20.0	111.4	69.3	397	0.8	56.9	9.2	642	2.48	51.9	4.7	60.3	4.1	75	6.3	5.9	4.5	83	0.94
STD DS7	Standard		19.9	104.9	68.5	384	0.8	54.1	9.3	623	2.37	49.8	5.1	61.1	4.2	77	6.5	5.8	4.6	82	0.98
STD DS7	Standard		20.1	111.0	65.1	412	0.8	49.3	9.2	649	2.37	51.5	4.9	69.5	4.2	85	6.3	5.1	3.9	76	0.91
STD DS7	Standard		21.0	110.5	70.1	406	0.8	57.7	9.5	657	2.54	52.2	5.2	61.5	4.4	80	6.9	6.0	4.7	85	0.99
STD DS7	Standard		20.2	107.3	66.0	351	0.8	56.8	9.6	600	2.46	50.2	5.3	63.2	4.3	65	5.8	5.4	4.2	74	0.96
STD DS7	Standard		20.5	102.7	66.6	390	0.8	56.7	9.6	619	2.38	50.8	4.7	83.1	4.2	72	6.5	5.5	4.5	85	0.92
STD DS7	Standard		22.1	116.5	68.4	403	0.8	55.3	9.7	637	2.43	54.8	5.0	111.3	4.4	85	6.9	6.3	4.8	84	0.99
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	<0.1	<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
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: July 23, 2009

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN09002904.1

		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 38113	Soil	0.044	23	19	0.60	388	0.068	2	1.43	0.015	0.37	<0.1	0.02	8.2	0.2	<0.05	5	0.9
REP TSL 38113	QC	0.044	23	19	0.62	388	0.068	3	1.44	0.016	0.37	<0.1	0.02	8.5	0.2	<0.05	6	1.0
TSL 38132	Soil	0.028	4	142	1.76	244	0.142	<1	2.04	0.026	0.66	<0.1	<0.01	4.3	0.2	<0.05	5	<0.5
REP TSL 38132	QC	0.029	4	139	1.77	240	0.144	<1	2.01	0.022	0.67	<0.1	<0.01	4.4	0.2	<0.05	5	0.6
TSL 40140	Soil	0.044	11	17	0.48	209	0.053	1	1.35	0.013	0.08	<0.1	0.08	3.5	0.1	<0.05	6	<0.5
REP TSL 40140	QC	0.043	11	17	0.47	216	0.056	<1	1.31	0.014	0.09	<0.1	0.08	3.6	0.1	<0.05	6	<0.5
TSL 40634	Soil	0.044	14	28	0.77	329	0.133	1	1.96	0.020	0.35	<0.1	0.03	5.3	0.2	<0.05	6	<0.5
REP TSL 40634	QC	0.045	14	31	0.82	336	0.138	<1	1.98	0.020	0.37	0.1	0.03	5.6	0.2	<0.05	6	<0.5
Reference Materials																		
STD DS7	Standard	0.081	13	228	1.07	440	0.132	36	1.13	0.105	0.52	3.8	0.20	2.7	4.4	0.20	5	4.5
STD DS7	Standard	0.072	12	219	1.03	424	0.129	37	1.05	0.101	0.48	4.5	0.15	2.5	4.2	0.20	4	3.8
STD DS7	Standard	0.075	13	215	1.05	419	0.124	38	1.05	0.111	0.48	3.7	0.19	2.5	4.2	0.11	5	3.5
STD DS7	Standard	0.077	14	214	1.07	415	0.127	38	1.09	0.108	0.49	3.6	0.18	2.7	4.1	0.21	5	3.5
STD DS7	Standard	0.094	13	214	0.99	440	0.107	36	1.02	0.091	0.55	3.8	0.17	2.5	4.1	0.22	5	4.0
STD DS7	Standard	0.081	14	209	1.05	423	0.126	42	1.08	0.104	0.49	3.7	0.19	2.5	4.2	0.23	5	4.3
STD DS7	Standard	0.072	12	205	1.15	414	0.114	40	1.08	0.120	0.52	4.0	0.20	2.9	4.1	0.23	5	4.0
STD DS7	Standard	0.074	12	211	0.99	398	0.117	38	1.03	0.097	0.48	3.4	0.21	2.3	4.1	0.15	5	3.3
STD DS7	Standard	0.089	14	200	1.10	414	0.129	42	1.15	0.107	0.50	3.9	0.21	2.7	4.2	0.19	5	4.1
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
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