



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 27, 2009
Page: 1 of 11

CERTIFICATE OF ANALYSIS

VAN09002998.1

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: July 27, 2009

Page: 2 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 39191	Soil			1.6	32.3	12.2	63	<0.1	40.9	16.3	499	3.51	10.2	1.2	1.4	6.6	36	<0.1	0.3	0.2	64
TSL 39237	Soil			2.2	37.7	6.9	72	<0.1	9.9	16.5	538	3.70	4.2	0.7	2.5	2.2	33	0.2	0.2	0.1	53
TSL 39238	Soil			0.6	95.8	8.7	77	<0.1	11.0	25.2	343	3.41	2.5	0.4	0.9	1.0	21	0.1	0.2	<0.1	102
TSL 39239	Soil			0.7	49.8	6.1	41	<0.1	11.8	15.4	326	3.04	3.5	0.3	<0.5	1.3	21	<0.1	0.3	<0.1	75
TSL 39240	Soil			0.7	90.4	5.2	66	<0.1	9.4	19.6	270	3.75	2.5	0.3	<0.5	1.0	12	<0.1	0.2	<0.1	83
TSL 39241	Soil			0.6	85.0	10.4	68	<0.1	14.3	20.4	461	4.21	5.3	0.4	2.3	1.6	25	<0.1	0.3	0.1	119
TSL 39242	Soil			1.2	93.4	14.8	98	0.1	43.6	18.6	708	4.92	6.5	0.9	1.4	10.5	28	<0.1	0.4	0.2	119
TSL 39243	Soil			0.5	73.6	7.6	62	<0.1	14.3	18.0	457	3.95	3.0	0.2	<0.5	1.8	20	<0.1	0.2	<0.1	130
TSL 39330	Soil			1.2	68.9	27.5	81	0.1	8.9	6.4	297	3.03	10.0	0.8	1.7	1.7	23	0.2	0.2	0.3	46
TSL 40016	Soil			1.3	144.9	10.9	124	0.1	21.5	81.1	1271	5.29	17.4	0.8	1.3	1.0	53	0.3	0.2	0.2	137
TSL 40017	Soil			1.2	60.6	8.6	57	0.2	14.2	16.9	360	3.42	7.5	0.6	1.3	1.1	49	0.1	0.3	0.1	91
TSL 40018	Soil			1.0	31.7	8.0	42	<0.1	15.1	17.0	422	3.41	38.0	0.4	<0.5	1.5	47	0.1	0.5	0.1	89
TSL 40019	Soil			0.9	94.9	6.1	34	0.1	15.4	23.7	428	3.49	6.5	0.7	0.6	1.2	34	<0.1	0.2	0.2	111
TSL 40020	Soil			0.9	48.1	9.2	38	0.1	12.2	19.6	794	3.54	6.7	0.3	<0.5	1.0	31	<0.1	0.3	0.1	90
TSL 40021	Soil			0.4	6.8	5.3	27	<0.1	8.5	12.5	389	2.33	2.3	0.2	<0.5	0.8	19	<0.1	0.3	<0.1	71
TSL 40022	Soil			0.5	6.5	3.4	30	<0.1	9.8	12.0	191	2.60	2.6	0.2	<0.5	0.8	13	<0.1	0.2	<0.1	80
TSL 40023	Soil			0.9	11.2	6.4	37	<0.1	13.4	10.7	431	2.33	4.0	0.2	<0.5	1.3	18	0.1	0.4	0.1	64
TSL 40024	Soil			2.1	175.7	5.8	72	0.1	13.1	13.2	303	4.94	5.7	0.5	1.1	0.8	40	0.1	0.2	0.1	98
TSL 40025	Soil			0.6	34.0	6.2	62	0.1	9.8	12.5	555	2.25	3.2	0.2	2.4	0.7	20	<0.1	0.2	0.1	54
TSL 40026	Soil			0.9	25.7	7.3	73	<0.1	13.6	7.6	345	3.42	7.3	0.6	1.9	2.9	16	<0.1	0.3	0.1	57
TSL 40027	Soil			1.9	30.2	7.2	54	<0.1	12.9	13.0	664	3.49	5.8	0.6	3.8	2.1	22	<0.1	0.2	0.1	56
TSL 40099	Soil			1.4	25.9	23.4	113	0.2	14.5	9.3	550	2.97	7.8	0.6	3.0	2.1	20	0.4	0.3	0.2	52
TSL 40100	Soil			1.8	34.5	37.4	138	0.2	17.2	10.6	463	3.48	8.2	0.7	14.2	2.5	17	0.3	0.3	0.2	54
TSL 40904	Soil			2.2	19.3	9.0	76	<0.1	13.9	18.3	822	2.81	6.2	0.7	3.7	2.0	24	0.1	0.2	0.1	72
TSL 40905	Soil			1.6	14.6	7.0	56	<0.1	10.8	11.9	436	2.16	6.0	0.5	7.3	1.4	19	<0.1	0.2	<0.1	60
TSL 40906	Soil			1.1	28.2	8.4	61	0.2	15.8	23.8	979	2.63	8.0	1.2	10.3	1.9	35	0.1	0.3	0.1	62
TSL 40907	Soil			0.8	34.9	7.4	62	<0.1	18.0	13.2	643	2.49	7.1	0.9	3.2	1.9	48	0.2	0.4	0.1	55
TSL 40908	Soil			0.7	46.7	8.0	65	<0.1	21.5	13.8	635	3.13	6.6	1.1	3.5	3.3	25	0.2	0.3	0.1	70
TSL 40909	Soil			1.4	36.9	11.4	76	<0.1	13.2	15.6	365	4.23	8.6	0.6	2.7	2.1	26	0.1	0.3	<0.1	98
TSL 40910	Soil			1.1	33.0	10.2	61	0.2	14.7	12.6	309	3.51	9.1	0.6	4.2	2.1	22	<0.1	0.3	0.1	96



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 27, 2009

Page: 2 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 39191	Soil	0.063	30	53	0.66	263	0.112	1	2.08	0.016	0.17	0.2	0.04	5.2	0.2	<0.05	7	1.0
TSL 39237	Soil	0.076	10	17	0.66	396	0.119	<1	1.42	0.027	0.34	0.1	0.03	5.6	<0.1	0.07	6	<0.5
TSL 39238	Soil	0.034	7	11	0.66	368	0.133	<1	1.30	0.034	0.23	<0.1	0.01	5.1	<0.1	<0.05	4	0.9
TSL 39239	Soil	0.030	6	19	0.46	320	0.089	<1	1.37	0.023	0.11	<0.1	0.01	4.1	<0.1	<0.05	5	<0.5
TSL 39240	Soil	0.032	3	11	0.60	220	0.116	<1	1.26	0.017	0.35	<0.1	<0.01	4.0	0.1	<0.05	5	0.5
TSL 39241	Soil	0.028	6	19	0.93	401	0.158	<1	1.93	0.039	0.31	<0.1	0.01	6.8	0.1	<0.05	6	<0.5
TSL 39242	Soil	0.032	17	34	0.95	564	0.241	<1	2.50	0.013	0.65	0.1	0.02	8.6	0.5	<0.05	10	<0.5
TSL 39243	Soil	0.025	4	16	0.99	748	0.228	<1	1.80	0.022	0.68	<0.1	<0.01	5.1	0.2	<0.05	6	<0.5
TSL 39330	Soil	0.041	11	17	0.34	209	0.049	1	1.20	0.020	0.08	0.1	0.06	3.7	0.1	0.05	5	0.6
TSL 40016	Soil	0.044	7	21	1.14	649	0.168	<1	2.17	0.037	0.66	<0.1	0.02	8.4	0.2	0.17	7	1.4
TSL 40017	Soil	0.036	6	23	0.73	267	0.119	<1	1.74	0.034	0.17	<0.1	0.02	5.9	<0.1	0.13	6	1.0
TSL 40018	Soil	0.023	5	27	0.51	280	0.123	1	1.76	0.026	0.10	<0.1	0.01	3.7	<0.1	<0.05	5	0.7
TSL 40019	Soil	0.052	7	18	0.85	293	0.125	<1	1.67	0.030	0.23	<0.1	0.04	7.6	<0.1	<0.05	6	0.8
TSL 40020	Soil	0.041	5	19	0.46	451	0.093	<1	1.39	0.027	0.22	<0.1	0.01	5.1	<0.1	<0.05	5	0.5
TSL 40021	Soil	0.017	4	13	0.46	203	0.101	<1	1.30	0.035	0.04	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
TSL 40022	Soil	0.016	3	15	0.61	134	0.123	<1	1.47	0.031	0.05	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5
TSL 40023	Soil	0.041	5	24	0.41	217	0.076	<1	1.67	0.020	0.05	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5
TSL 40024	Soil	0.056	5	18	0.70	218	0.099	<1	1.70	0.071	0.08	<0.1	<0.01	5.4	<0.1	0.20	5	1.6
TSL 40025	Soil	0.053	3	15	0.41	225	0.059	<1	1.10	0.026	0.11	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5
TSL 40026	Soil	0.019	6	22	0.57	309	0.110	<1	1.72	0.012	0.26	<0.1	0.02	4.1	0.1	<0.05	6	<0.5
TSL 40027	Soil	0.028	10	21	0.60	332	0.114	<1	1.67	0.016	0.18	<0.1	0.02	4.7	<0.1	<0.05	7	<0.5
TSL 40099	Soil	0.032	9	28	0.40	283	0.047	<1	1.64	0.034	0.07	0.1	0.05	3.7	<0.1	0.08	5	<0.5
TSL 40100	Soil	0.032	9	28	0.38	285	0.057	<1	1.80	0.029	0.06	0.2	0.07	4.3	<0.1	<0.05	6	<0.5
TSL 40904	Soil	0.056	10	25	0.55	380	0.071	1	1.51	0.018	0.06	0.1	0.04	3.5	<0.1	<0.05	5	<0.5
TSL 40905	Soil	0.059	9	19	0.46	256	0.053	1	1.26	0.016	0.05	0.2	0.05	2.8	<0.1	<0.05	5	<0.5
TSL 40906	Soil	0.064	18	22	0.53	570	0.059	<1	1.56	0.020	0.05	0.2	0.07	5.4	<0.1	<0.05	5	0.6
TSL 40907	Soil	0.055	14	26	0.53	639	0.066	1	1.49	0.023	0.07	0.2	0.05	3.9	<0.1	<0.05	4	0.7
TSL 40908	Soil	0.046	15	29	0.67	563	0.090	1	1.65	0.021	0.11	0.1	0.04	6.0	<0.1	<0.05	6	<0.5
TSL 40909	Soil	0.043	9	22	0.67	542	0.092	<1	1.72	0.015	0.18	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
TSL 40910	Soil	0.038	10	26	0.68	512	0.125	1	1.88	0.020	0.14	<0.1	0.04	4.6	<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: July 27, 2009

Page: 3 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40911	Soil		1.3	47.3	8.7	60	<0.1	19.0	13.4	348	3.32	8.9	1.0	4.7	3.3	23	<0.1	0.3	0.1	76	0.43
TSL 40912	Soil		0.9	23.9	8.2	52	<0.1	14.6	11.8	244	3.26	5.9	0.5	3.9	2.0	19	0.1	0.3	0.1	80	0.25
TSL 38196	Soil		0.9	42.3	6.0	40	<0.1	17.3	11.9	263	2.95	7.5	0.5	1.0	1.6	18	<0.1	0.2	<0.1	87	0.28
TSL 38197	Soil		0.8	23.9	6.8	58	<0.1	12.8	10.4	250	3.03	11.8	0.5	1.1	2.8	19	<0.1	0.2	<0.1	77	0.26
TSL 38162	Soil		0.5	18.8	6.3	47	<0.1	15.4	8.2	245	2.17	6.2	0.7	2.6	2.6	28	0.1	0.3	0.1	53	0.45
TSL 38163	Soil		0.5	29.7	7.7	59	<0.1	23.4	10.8	332	2.68	8.2	0.7	8.3	3.5	34	<0.1	0.5	0.1	62	0.56
TSL 38164	Soil		0.6	34.0	7.2	61	<0.1	26.0	11.0	398	2.45	8.8	0.7	3.8	3.4	34	0.2	0.5	0.1	54	0.66
TSL 38165	Soil		0.6	30.8	7.1	62	<0.1	26.1	10.9	417	2.60	8.1	0.6	7.1	3.1	41	0.2	0.5	0.1	59	0.76
TSL 42022	Soil		0.3	17.6	28.0	118	<0.1	8.4	6.3	573	3.06	2.6	0.5	0.9	2.3	21	<0.1	0.1	0.2	23	0.25
TSL 42023	Soil		0.4	17.2	21.9	105	<0.1	7.7	5.3	545	3.05	2.3	0.5	0.6	2.4	14	<0.1	0.2	0.1	22	0.16
TSL 42024	Soil		0.4	17.2	21.3	102	<0.1	7.0	5.3	543	2.95	2.6	0.5	<0.5	2.4	13	<0.1	0.2	0.1	22	0.15
TSL 42025	Soil		0.8	13.5	13.1	60	<0.1	11.5	6.1	235	2.55	6.5	0.5	2.1	2.7	15	<0.1	0.3	0.1	39	0.17
TSL 42026	Soil		0.3	27.9	9.0	100	<0.1	11.5	7.9	443	3.15	3.2	0.5	2.0	1.2	14	<0.1	<0.1	<0.1	48	0.11
TSL 42027	Soil		0.3	25.7	10.1	100	<0.1	11.8	8.7	454	3.18	2.8	0.6	2.0	1.1	15	<0.1	<0.1	<0.1	48	0.12
TSL 42028	Soil		1.2	15.4	10.8	85	<0.1	11.3	5.6	252	3.45	7.4	0.4	4.2	2.1	15	0.1	0.3	0.2	60	0.14
TSL 42029	Soil		1.1	13.9	17.5	67	<0.1	9.4	6.2	309	2.75	5.9	0.5	1.9	2.3	12	0.2	0.3	0.2	58	0.12
TSL 42030	Soil		1.4	27.0	21.1	63	0.4	6.9	2.7	92	2.90	10.0	1.1	6.0	2.0	21	0.2	0.3	0.2	24	0.14
TSL 42031	Soil		1.5	70.6	26.7	150	0.2	11.7	5.3	264	3.48	19.9	1.1	12.8	4.4	21	0.3	0.5	0.4	34	0.16
TSL 42032	Soil		0.7	22.8	21.3	65	0.1	6.0	2.8	186	1.48	8.1	0.7	3.0	1.6	11	0.2	0.2	0.2	30	0.11
TSL 42033	Soil		0.9	37.8	34.4	206	0.1	17.7	7.3	367	2.37	8.2	0.9	6.0	3.4	24	0.4	0.3	0.2	44	0.22
TSL 42034	Soil		0.6	42.5	8.3	75	0.1	6.4	4.6	201	2.20	8.8	0.8	5.4	2.5	23	0.2	0.1	0.2	32	0.25
TSL 42035	Soil		1.6	80.2	48.7	363	0.4	5.9	4.2	396	1.96	5.9	0.9	6.3	2.7	15	0.7	0.2	0.2	29	0.14
TSL 42214	Soil		0.8	25.6	7.9	34	<0.1	5.2	3.0	110	1.68	3.5	0.5	3.1	1.3	13	<0.1	0.2	0.2	36	0.13
TSL 38023	Soil		0.6	26.5	9.6	43	<0.1	26.7	15.0	315	2.67	4.9	0.3	2.8	1.4	30	0.1	0.3	<0.1	75	0.42
TSL 38024	Soil		0.8	51.1	7.3	55	<0.1	19.3	14.8	282	3.51	13.8	0.5	3.0	2.6	14	<0.1	0.3	<0.1	100	0.19
TSL 38025	Soil		0.6	50.2	5.5	36	0.1	23.1	10.7	199	2.41	16.1	0.4	3.6	1.8	16	<0.1	0.3	<0.1	66	0.24
TSL 38026	Soil		0.6	104.2	4.6	139	<0.1	24.0	16.3	320	3.85	5.5	0.4	3.2	1.7	14	0.2	<0.1	<0.1	146	0.33
TSL 38027	Soil		0.5	52.6	5.0	63	<0.1	24.3	14.9	347	3.48	4.5	0.6	2.3	2.6	16	<0.1	0.2	<0.1	90	0.27
TSL 38028	Soil		0.9	45.3	7.7	54	<0.1	18.0	12.5	255	3.50	7.5	0.4	1.1	1.8	16	0.1	0.3	0.1	106	0.22
TSL 38029	Soil		0.9	22.0	8.4	48	<0.1	16.1	9.3	239	3.04	12.3	0.6	3.2	2.8	15	<0.1	0.4	0.1	72	0.17



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 27, 2009

Page: 3 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40911	Soil	0.031	15	36	0.70	403	0.103	<1	1.89	0.026	0.09	0.1	0.03	5.7	<0.1	<0.05	7	<0.5
TSL 40912	Soil	0.019	7	23	0.76	333	0.136	1	1.85	0.017	0.26	<0.1	0.03	4.0	0.1	<0.05	7	<0.5
TSL 38196	Soil	0.034	7	27	0.61	235	0.112	<1	1.64	0.019	0.07	0.1	0.01	3.4	<0.1	<0.05	6	<0.5
TSL 38197	Soil	0.031	8	21	0.60	202	0.116	<1	1.69	0.014	0.10	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5
TSL 38162	Soil	0.065	11	25	0.44	200	0.071	1	1.35	0.025	0.04	0.2	0.02	2.9	<0.1	<0.05	4	<0.5
TSL 38163	Soil	0.067	14	30	0.58	275	0.083	1	1.62	0.041	0.06	0.2	0.02	4.0	<0.1	<0.05	4	<0.5
TSL 38164	Soil	0.080	14	28	0.59	270	0.078	2	1.44	0.042	0.08	0.2	0.04	3.7	<0.1	<0.05	4	<0.5
TSL 38165	Soil	0.079	13	29	0.61	240	0.083	2	1.46	0.044	0.08	0.2	0.02	3.7	<0.1	<0.05	4	<0.5
TSL 42022	Soil	0.032	8	11	0.47	286	0.134	1	1.41	0.010	0.52	<0.1	0.01	3.2	0.3	<0.05	7	<0.5
TSL 42023	Soil	0.017	9	12	0.42	281	0.109	<1	1.39	0.011	0.44	<0.1	0.02	4.3	0.1	<0.05	7	<0.5
TSL 42024	Soil	0.016	9	12	0.40	271	0.107	<1	1.39	0.013	0.44	0.1	<0.01	4.3	0.2	<0.05	7	<0.5
TSL 42025	Soil	0.009	9	22	0.38	221	0.070	<1	1.33	0.011	0.18	<0.1	<0.01	4.3	0.1	<0.05	5	<0.5
TSL 42026	Soil	0.009	9	15	1.02	225	0.181	<1	1.88	0.010	0.85	<0.1	<0.01	3.4	0.3	<0.05	7	<0.5
TSL 42027	Soil	0.009	9	15	1.08	239	0.188	<1	1.96	0.010	0.89	<0.1	<0.01	3.5	0.3	<0.05	8	<0.5
TSL 42028	Soil	0.028	7	23	0.45	137	0.078	1	1.74	0.011	0.20	<0.1	0.02	3.6	0.1	<0.05	7	<0.5
TSL 42029	Soil	0.031	9	20	0.30	160	0.063	<1	1.43	0.011	0.12	<0.1	0.02	2.5	<0.1	<0.05	7	<0.5
TSL 42030	Soil	0.043	16	14	0.19	329	0.028	1	1.15	0.039	0.21	<0.1	0.10	1.9	0.1	0.35	4	1.1
TSL 42031	Soil	0.024	15	20	0.42	318	0.033	2	1.35	0.020	0.16	0.1	0.12	3.0	0.1	0.16	4	0.6
TSL 42032	Soil	0.016	7	10	0.13	216	0.027	1	1.01	0.019	0.07	<0.1	0.06	1.6	<0.1	<0.05	4	<0.5
TSL 42033	Soil	0.032	13	28	0.49	260	0.058	2	1.34	0.022	0.10	<0.1	0.07	3.1	<0.1	0.09	4	<0.5
TSL 42034	Soil	0.044	15	13	0.47	251	0.055	<1	1.24	0.017	0.15	<0.1	0.06	2.9	0.1	0.10	5	<0.5
TSL 42035	Soil	0.042	18	13	0.34	204	0.028	1	1.02	0.013	0.11	<0.1	0.15	1.9	<0.1	0.10	4	<0.5
TSL 42214	Soil	0.029	9	11	0.15	134	0.045	2	1.01	0.014	0.10	0.1	0.04	2.1	0.1	0.07	5	<0.5
TSL 38023	Soil	0.024	5	80	1.02	209	0.131	<1	1.88	0.021	0.10	<0.1	<0.01	3.1	<0.1	<0.05	6	<0.5
TSL 38024	Soil	0.020	9	29	0.73	182	0.103	1	1.93	0.014	0.16	0.1	0.02	4.3	<0.1	<0.05	6	0.7
TSL 38025	Soil	0.023	6	42	0.51	172	0.075	2	1.43	0.017	0.06	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5
TSL 38026	Soil	0.078	6	30	1.33	407	0.203	<1	2.34	0.015	0.76	<0.1	<0.01	3.9	0.3	<0.05	8	<0.5
TSL 38027	Soil	0.030	11	68	1.23	303	0.151	2	2.13	0.013	0.44	<0.1	<0.01	4.2	0.2	<0.05	7	0.5
TSL 38028	Soil	0.032	7	29	0.70	290	0.134	1	1.91	0.017	0.16	0.2	0.02	3.9	0.1	<0.05	8	0.6
TSL 38029	Soil	0.017	9	30	0.47	267	0.063	2	1.76	0.013	0.06	0.1	0.02	3.9	<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 27, 2009

Page: 4 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40444	Soil		0.7	20.4	20.9	93	<0.1	12.0	9.1	461	2.88	5.3	0.6	2.1	2.2	15	0.2	0.2	0.2	47	0.21
TSL 40445	Soil		0.5	29.4	66.1	113	<0.1	9.5	5.5	484	3.21	3.3	0.9	4.4	3.5	15	<0.1	0.2	0.3	24	0.19
TSL 40446	Soil		0.7	17.9	22.7	79	<0.1	7.0	3.5	272	2.60	4.1	0.8	0.6	3.3	13	<0.1	0.8	0.2	25	0.15
TSL 40447	Soil		0.9	16.6	25.9	85	<0.1	13.2	5.8	401	2.93	5.5	0.6	1.6	3.0	16	0.1	1.1	0.2	38	0.19
TSL 40448	Soil		1.0	10.4	9.9	67	<0.1	5.2	3.1	277	2.12	3.9	0.3	1.6	0.8	11	0.1	0.4	0.1	39	0.11
TSL 40449	Soil		0.7	16.6	11.7	92	<0.1	8.8	6.3	375	2.80	4.3	0.6	1.9	3.4	11	0.1	0.2	0.1	40	0.13
TSL 40498	Soil		1.3	28.1	45.1	59	0.2	5.6	3.3	122	3.26	5.0	0.7	6.5	3.4	27	<0.1	0.2	0.3	25	0.13
TSL 40499	Soil		1.3	21.8	19.2	70	0.1	8.7	4.4	126	2.73	11.0	0.9	4.7	3.1	13	0.2	0.3	0.2	36	0.12
TSL 40500	Soil		0.9	32.5	18.2	125	0.1	11.0	10.3	529	3.00	10.7	0.7	4.5	2.7	16	0.3	0.3	0.2	48	0.17
TSL 38156	Soil		0.8	27.1	8.2	83	<0.1	16.2	9.7	286	3.14	5.9	0.8	4.7	4.0	26	<0.1	0.3	0.1	71	0.32
TSL 38157	Soil		0.2	36.5	6.0	89	<0.1	13.0	16.2	550	4.28	2.7	0.6	1.8	1.7	50	0.1	0.2	<0.1	95	0.60
TSL 38158	Soil		0.5	21.8	10.7	63	<0.1	13.5	10.8	292	2.99	5.3	0.6	4.0	2.7	23	0.1	0.3	0.1	68	0.31
TSL 38159	Soil		0.5	22.9	8.2	53	<0.1	16.4	10.7	306	2.56	6.2	0.8	2.0	2.8	26	0.2	0.3	<0.1	58	0.36
TSL 38160	Soil		0.6	20.8	8.0	56	<0.1	18.2	9.2	221	2.52	7.1	0.8	2.7	2.0	25	0.2	0.3	0.1	59	0.33
TSL 38161	Soil		0.8	27.8	7.4	58	<0.1	21.3	10.9	358	2.70	7.5	1.0	3.5	2.9	32	0.1	0.4	0.1	64	0.46
TSL 38251	Soil		1.7	50.2	5.0	97	<0.1	8.5	17.7	501	7.92	51.1	0.5	1.1	1.1	99	<0.1	0.3	<0.1	147	0.41
TSL 38252	Soil		0.3	105.0	3.9	60	<0.1	13.3	25.5	885	4.31	4.2	0.3	4.8	1.2	36	<0.1	0.3	<0.1	95	2.06
TSL 38253	Soil		0.5	44.0	3.8	44	<0.1	13.3	14.5	327	3.07	4.8	0.3	<0.5	1.5	18	<0.1	0.2	<0.1	88	0.33
TSL 38254	Soil		0.2	66.1	2.0	69	<0.1	7.7	23.4	460	4.70	2.2	0.3	0.9	1.2	13	<0.1	0.1	<0.1	153	0.39
TSL 38255	Soil		0.3	52.9	2.9	70	<0.1	8.2	19.7	379	3.96	3.4	0.2	<0.5	0.9	11	<0.1	0.1	<0.1	133	0.34
TSL 38256	Soil		0.5	41.1	5.1	51	<0.1	13.5	13.3	362	2.95	12.6	0.5	2.2	1.8	27	0.1	0.2	<0.1	81	0.51
TSL 38257	Soil		0.4	159.0	3.1	44	<0.1	30.1	25.4	340	3.01	3.3	0.2	<0.5	0.4	20	<0.1	0.1	<0.1	84	0.39
TSL 38258	Soil		0.4	63.0	3.4	68	<0.1	18.2	21.1	390	4.47	9.3	0.3	1.7	0.9	26	<0.1	0.1	<0.1	117	0.58
TSL 38259	Soil		1.2	66.2	4.0	97	<0.1	12.2	14.5	441	3.89	34.0	0.6	0.6	3.3	24	<0.1	<0.1	<0.1	92	0.34
TSL 38260	Soil		0.3	45.8	3.5	54	<0.1	16.7	14.6	322	3.14	7.0	0.4	2.9	1.8	20	<0.1	0.2	<0.1	101	0.42
TSL 38261	Soil		0.5	27.4	5.2	43	<0.1	16.9	14.3	596	2.79	5.6	0.2	2.0	1.2	26	0.1	0.2	<0.1	79	0.36
TSL 38262	Soil		0.2	31.2	2.2	41	<0.1	7.3	21.4	475	4.39	1.3	0.1	<0.5	0.4	15	<0.1	<0.1	<0.1	174	0.44
TSL 38263	Soil		0.4	45.9	3.5	55	<0.1	13.7	18.4	318	3.92	5.9	0.2	2.9	0.8	16	<0.1	<0.1	<0.1	129	0.34
TSL 38264	Soil		0.5	38.3	4.0	54	<0.1	12.8	16.2	297	3.86	5.7	0.3	3.0	1.0	17	<0.1	0.1	<0.1	126	0.30
TSL 40880	Soil		0.9	24.6	7.7	61	<0.1	15.9	13.1	370	3.77	7.0	0.4	2.6	3.1	34	<0.1	0.3	<0.1	74	0.27



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 27, 2009

Page: 4 of 11 **Part** 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40444	Soil	0.047	8	22	0.44	179	0.082	<1	1.53	0.015	0.13	0.2	0.04	2.8	<0.1	<0.05	5	0.6
TSL 40445	Soil	0.023	16	11	0.50	325	0.121	1	1.34	0.014	0.52	<0.1	0.02	5.4	0.2	<0.05	7	0.6
TSL 40446	Soil	0.012	15	11	0.32	305	0.045	2	1.00	0.010	0.22	<0.1	<0.01	6.3	0.1	<0.05	5	<0.5
TSL 40447	Soil	0.013	6	21	0.40	251	0.069	<1	1.49	0.010	0.24	0.1	<0.01	4.5	0.1	<0.05	6	<0.5
TSL 40448	Soil	0.036	5	11	0.22	157	0.085	<1	0.93	0.010	0.21	<0.1	0.01	2.7	0.2	<0.05	7	<0.5
TSL 40449	Soil	0.024	11	15	0.39	178	0.063	1	1.53	0.010	0.18	<0.1	0.02	3.2	0.1	<0.05	6	0.8
TSL 40498	Soil	0.024	13	10	0.21	305	0.040	1	0.89	0.068	0.32	<0.1	0.04	1.9	0.2	0.59	4	1.5
TSL 40499	Soil	0.032	11	18	0.30	184	0.035	1	1.23	0.012	0.09	0.1	0.04	2.2	<0.1	0.09	4	0.7
TSL 40500	Soil	0.041	10	22	0.43	159	0.057	1	1.34	0.012	0.12	0.1	0.04	2.6	0.1	<0.05	5	<0.5
TSL 38156	Soil	0.044	15	35	0.77	301	0.126	<1	1.85	0.021	0.26	<0.1	0.02	4.3	0.1	<0.05	6	<0.5
TSL 38157	Soil	0.081	7	33	1.08	278	0.094	<1	2.09	0.033	0.10	<0.1	<0.01	6.8	<0.1	<0.05	7	<0.5
TSL 38158	Soil	0.059	10	29	0.60	190	0.075	<1	1.60	0.018	0.05	0.1	0.02	4.3	<0.1	<0.05	6	<0.5
TSL 38159	Soil	0.051	12	29	0.51	255	0.074	1	1.62	0.018	0.05	0.1	0.02	4.1	<0.1	<0.05	5	0.8
TSL 38160	Soil	0.054	11	29	0.48	224	0.063	<1	1.63	0.017	0.04	0.2	0.03	3.2	<0.1	<0.05	5	<0.5
TSL 38161	Soil	0.067	13	30	0.55	259	0.076	1	1.59	0.027	0.06	0.1	0.02	4.3	<0.1	<0.05	5	<0.5
TSL 38251	Soil	0.046	6	15	1.29	547	0.150	<1	2.67	0.064	0.76	<0.1	0.01	11.2	0.2	0.39	11	0.9
TSL 38252	Soil	0.057	8	14	0.69	371	0.048	2	1.38	0.033	0.20	<0.1	0.03	11.1	<0.1	<0.05	5	<0.5
TSL 38253	Soil	0.023	5	19	0.66	275	0.066	<1	1.47	0.023	0.16	0.1	<0.01	6.6	<0.1	<0.05	5	<0.5
TSL 38254	Soil	0.067	6	7	1.23	435	0.168	<1	2.02	0.041	0.89	<0.1	<0.01	5.9	0.2	<0.05	8	<0.5
TSL 38255	Soil	0.046	4	12	1.10	362	0.126	<1	1.73	0.046	0.50	<0.1	0.01	6.0	0.1	<0.05	7	<0.5
TSL 38256	Soil	0.052	7	22	0.65	252	0.099	2	1.36	0.036	0.18	0.1	0.02	4.5	<0.1	<0.05	5	<0.5
TSL 38257	Soil	0.020	2	83	1.44	215	0.144	<1	1.70	0.022	0.40	<0.1	<0.01	5.2	0.4	<0.05	4	<0.5
TSL 38258	Soil	0.072	4	16	0.92	272	0.160	<1	1.79	0.052	0.54	<0.1	<0.01	4.0	0.2	<0.05	6	<0.5
TSL 38259	Soil	0.052	8	20	1.14	344	0.183	1	2.02	0.017	0.77	<0.1	<0.01	3.3	0.3	<0.05	7	0.5
TSL 38260	Soil	0.052	9	20	0.86	262	0.127	<1	1.59	0.039	0.30	<0.1	0.01	5.9	0.1	<0.05	5	0.6
TSL 38261	Soil	0.068	4	23	0.61	439	0.090	<1	1.63	0.027	0.12	0.1	<0.01	2.7	<0.1	<0.05	6	<0.5
TSL 38262	Soil	0.087	2	7	1.22	294	0.180	<1	1.64	0.040	0.65	<0.1	<0.01	5.2	0.2	<0.05	7	<0.5
TSL 38263	Soil	0.060	4	16	0.92	263	0.165	<1	1.71	0.032	0.49	<0.1	<0.01	3.3	0.2	<0.05	7	<0.5
TSL 38264	Soil	0.048	4	16	0.86	250	0.159	1	1.74	0.029	0.32	<0.1	<0.01	3.5	0.1	<0.05	7	<0.5
TSL 40880	Soil	0.034	9	31	0.75	266	0.135	<1	1.81	0.023	0.20	<0.1	<0.01	3.4	<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: July 27, 2009

Page: 5 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40882	Soil		1.2	23.3	13.4	50	<0.1	17.3	10.0	304	3.04	6.6	0.5	<0.5	2.7	27	<0.1	0.4	0.2	73	0.30	
TSL 40886	Soil		0.7	24.6	7.5	59	<0.1	15.7	9.0	272	2.97	6.7	0.6	<0.5	2.7	31	<0.1	0.3	0.1	71	0.33	
TSL 40887	Soil		0.5	24.7	7.6	64	<0.1	15.9	11.8	359	2.94	5.5	0.6	<0.5	3.5	30	<0.1	0.3	0.1	68	0.36	
TSL 40889	Soil		0.8	26.6	8.7	57	0.2	16.5	10.5	254	2.84	6.5	0.8	0.8	2.9	24	0.2	0.4	0.2	68	0.26	
TSL 40892	Soil		0.8	25.0	8.1	53	<0.1	18.8	11.4	388	2.62	6.9	1.0	1.6	2.3	31	0.1	0.4	0.1	61	0.35	
TSL 38265	Soil		0.7	41.1	4.9	65	<0.1	18.7	15.8	335	3.35	7.2	0.3	<0.5	1.4	17	<0.1	0.2	<0.1	107	0.29	
TSL 38266	Soil		0.9	34.0	7.6	71	0.1	17.0	14.3	612	3.09	10.6	0.9	6.9	2.2	29	0.2	0.3	0.1	80	0.39	
TSL 38267	Soil		0.4	33.5	4.1	49	<0.1	22.4	13.3	317	2.74	5.2	1.0	0.7	2.2	30	<0.1	0.2	<0.1	67	0.45	
TSL 38268	Soil		0.7	37.1	6.3	50	<0.1	16.8	14.5	256	3.30	7.6	0.8	0.9	3.0	27	<0.1	0.4	0.1	79	0.44	
TSL 38269	Soil		0.8	9.8	3.3	33	<0.1	11.3	13.6	168	3.41	4.4	0.3	0.7	1.3	18	<0.1	0.2	<0.1	106	0.35	
TSL 38270	Soil		0.6	66.0	4.8	53	<0.1	48.5	16.6	335	3.16	5.8	0.7	2.0	2.3	21	<0.1	0.2	0.1	89	0.41	
TSL 38271	Soil		0.8	39.6	5.3	45	<0.1	23.5	15.0	262	2.90	7.7	0.8	2.1	2.9	19	<0.1	0.3	<0.1	84	0.32	
TSL 38272	Soil		0.9	39.3	5.1	44	<0.1	17.5	10.5	260	2.61	6.4	0.5	1.8	1.7	21	<0.1	0.3	<0.1	79	0.31	
TSL 38273	Soil		0.3	27.2	2.4	41	<0.1	10.2	16.8	249	3.10	2.9	0.2	<0.5	0.9	20	<0.1	0.2	<0.1	113	0.48	
TSL 38274	Soil		0.5	82.7	5.3	47	<0.1	29.8	16.0	267	2.98	9.4	0.4	2.0	2.4	26	<0.1	0.4	<0.1	84	0.36	
TSL 42222	Soil		0.4	53.0	28.7	103	<0.1	13.6	9.3	704	3.44	4.3	1.0	4.6	4.2	24	<0.1	0.3	0.2	52	0.21	
TSL 42223	Soil		0.8	38.8	15.0	62	<0.1	19.0	11.0	413	2.80	7.4	0.8	4.5	3.4	28	0.1	0.4	0.1	69	0.33	
TSL 42224	Soil		1.4	212.5	29.2	240	0.4	8.3	9.8	497	5.11	5.2	0.8	58.6	2.6	34	0.2	0.2	0.4	58	0.16	
TSL 42225	Soil		0.8	190.4	41.2	167	0.3	10.8	8.1	378	4.00	15.1	0.6	10.0	2.7	32	0.2	0.3	0.5	61	0.23	
TSL 42226	Soil		1.1	493.0	50.5	852	0.2	5.2	11.1	995	4.44	5.5	0.6	6.2	2.5	16	0.8	0.1	0.2	16	0.09	
TSL 42227	Soil		1.3	251.2	23.5	288	0.2	10.9	12.1	405	3.81	12.4	0.7	5.6	2.7	24	0.3	0.3	0.2	53	0.14	
TSL 42228	Soil		1.2	309.3	98.1	322	2.3	15.4	15.4	676	5.14	5.4	0.4	14.6	3.0	31	0.2	0.2	0.8	106	0.33	
TSL 42229	Soil		0.4	31.8	53.1	62	<0.1	18.0	18.1	370	3.37	3.7	0.3	<0.5	1.3	13	<0.1	0.2	0.1	96	0.42	
TSL 42230	Soil		0.8	65.9	38.8	56	<0.1	37.7	16.3	312	2.90	6.2	0.3	0.8	0.7	23	<0.1	0.3	0.2	87	0.33	
TSL 42231	Soil		1.1	89.4	21.1	393	<0.1	38.6	18.3	660	4.60	6.3	0.8	<0.5	2.5	21	0.4	0.3	0.1	134	0.27	
TSL 37941	Soil		0.6	41.0	21.6	65	<0.1	28.7	13.2	319	3.29	6.0	0.7	<0.5	3.6	26	0.1	0.3	0.2	77	0.41	
TSL 37942	Soil		0.5	36.1	37.8	67	<0.1	20.2	12.0	340	3.08	4.7	0.6	<0.5	3.2	21	<0.1	0.3	0.1	80	0.35	
TSL 37943	Soil		1.4	64.4	10.2	133	<0.1	28.9	13.4	529	4.48	22.0	1.1	2.1	8.0	28	0.3	0.6	0.2	85	0.43	
TSL 40643	Soil		0.8	55.0	10.9	84	<0.1	29.7	22.3	526	4.56	5.1	0.5	<0.5	2.9	32	<0.1	0.3	0.1	126	0.40	
TSL 40644	Soil		0.6	59.2	7.9	71	<0.1	27.1	21.9	436	4.48	5.9	0.5	2.1	2.3	31	<0.1	0.3	<0.1	133	0.43	



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 27, 2009

Page: 5 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40882	Soil	0.033	10	34	0.65	256	0.108	<1	1.75	0.015	0.09	0.1	0.02	3.5	<0.1	<0.05	6	<0.5
TSL 40886	Soil	0.038	10	29	0.65	236	0.103	<1	1.68	0.018	0.06	0.1	0.02	3.4	<0.1	<0.05	6	<0.5
TSL 40887	Soil	0.048	12	31	0.66	212	0.108	<1	1.62	0.018	0.06	0.1	0.03	3.6	<0.1	<0.05	5	<0.5
TSL 40889	Soil	0.048	11	31	0.52	230	0.084	<1	1.74	0.018	0.05	0.1	0.02	3.5	<0.1	<0.05	6	<0.5
TSL 40892	Soil	0.057	11	29	0.47	237	0.071	1	1.62	0.018	0.04	0.2	0.02	3.4	<0.1	<0.05	5	0.7
TSL 38265	Soil	0.052	5	91	1.04	268	0.168	<1	1.83	0.018	0.23	0.1	<0.01	3.0	0.1	<0.05	6	<0.5
TSL 38266	Soil	0.057	10	29	0.62	416	0.107	<1	1.74	0.021	0.09	0.1	0.03	4.8	<0.1	<0.05	6	<0.5
TSL 38267	Soil	0.063	8	45	0.82	364	0.134	<1	1.65	0.023	0.22	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
TSL 38268	Soil	0.069	12	23	0.76	338	0.117	<1	1.82	0.023	0.11	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5
TSL 38269	Soil	0.097	4	10	0.87	248	0.199	<1	1.76	0.024	0.44	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5
TSL 38270	Soil	0.043	9	101	1.16	284	0.137	<1	1.87	0.021	0.11	0.1	0.02	4.7	<0.1	<0.05	6	<0.5
TSL 38271	Soil	0.040	13	41	0.72	292	0.111	<1	1.58	0.022	0.10	0.1	0.01	4.1	<0.1	<0.05	5	<0.5
TSL 38272	Soil	0.029	8	35	0.65	242	0.112	<1	1.52	0.020	0.08	0.1	<0.01	3.0	<0.1	<0.05	6	<0.5
TSL 38273	Soil	0.094	4	14	1.02	249	0.192	<1	1.68	0.023	0.51	<0.1	<0.01	2.3	0.1	<0.05	6	<0.5
TSL 38274	Soil	0.025	8	63	0.90	242	0.127	<1	1.76	0.021	0.08	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5
TSL 42222	Soil	0.016	22	12	0.48	298	0.094	2	1.38	0.018	0.26	<0.1	0.03	9.1	0.2	<0.05	6	<0.5
TSL 42223	Soil	0.023	14	32	0.54	334	0.081	2	1.81	0.019	0.05	0.1	0.02	4.3	<0.1	<0.05	5	<0.5
TSL 42224	Soil	0.025	8	14	0.60	401	0.098	<1	1.77	0.024	0.40	<0.1	0.02	6.4	0.2	0.15	9	1.1
TSL 42225	Soil	0.027	9	18	0.61	545	0.104	<1	1.74	0.033	0.25	<0.1	0.01	5.1	0.2	0.08	8	1.2
TSL 42226	Soil	0.030	14	8	0.68	351	0.113	2	1.67	0.012	0.56	<0.1	0.03	7.2	0.3	<0.05	7	0.9
TSL 42227	Soil	0.023	9	17	0.49	408	0.069	<1	1.77	0.018	0.13	<0.1	0.02	5.1	0.2	<0.05	6	0.6
TSL 42228	Soil	0.047	9	17	1.20	471	0.224	<1	2.46	0.019	0.62	<0.1	0.01	5.8	0.4	<0.05	10	<0.5
TSL 42229	Soil	0.061	6	25	1.07	240	0.211	<1	1.70	0.038	0.37	<0.1	<0.01	2.9	0.1	<0.05	8	<0.5
TSL 42230	Soil	0.066	5	72	1.09	122	0.130	2	1.69	0.020	0.12	<0.1	<0.01	2.6	0.1	<0.05	6	<0.5
TSL 42231	Soil	0.049	9	85	1.41	422	0.235	1	2.56	0.022	0.55	<0.1	<0.01	5.4	0.2	<0.05	11	0.6
TSL 37941	Soil	0.044	12	50	0.84	360	0.120	<1	1.93	0.019	0.11	0.1	0.01	5.3	<0.1	<0.05	6	<0.5
TSL 37942	Soil	0.066	11	39	0.80	201	0.154	<1	1.82	0.023	0.26	<0.1	<0.01	4.1	0.1	<0.05	6	<0.5
TSL 37943	Soil	0.073	22	34	0.82	334	0.114	1	1.73	0.018	0.37	<0.1	0.03	9.8	0.2	<0.05	7	0.7
TSL 40643	Soil	0.029	12	77	1.47	312	0.226	<1	2.65	0.018	0.52	0.1	<0.01	4.8	0.2	<0.05	9	<0.5
TSL 40644	Soil	0.037	8	41	1.24	288	0.180	<1	2.46	0.019	0.28	0.1	<0.01	6.1	<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 27, 2009

Page: 6 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40645	Soil			0.5	46.3	8.9	77	<0.1	16.7	11.2	281	3.24	7.0	0.5	0.6	3.8	20	<0.1	0.2	0.1	81
TSL 40646	Soil			0.6	48.5	7.9	71	<0.1	24.1	16.4	355	3.63	6.5	0.5	1.0	2.3	23	0.1	0.3	<0.1	114
TSL 40647	Soil			0.6	46.1	9.7	88	<0.1	20.1	14.1	409	3.42	6.2	0.8	4.1	3.1	24	0.3	0.3	0.1	87
TSL 40648	Soil			0.9	33.9	13.4	93	0.1	19.4	11.3	394	3.00	8.5	0.8	1.5	2.1	26	0.2	0.3	0.2	75
TSL 40649	Soil			0.8	23.4	10.0	78	<0.1	17.8	15.2	542	2.88	7.7	0.6	2.6	2.6	22	0.2	0.3	0.2	85
TSL 40650	Soil			0.7	36.0	8.4	62	<0.1	22.1	15.6	605	2.95	6.9	0.7	2.3	2.7	34	0.2	0.6	0.1	80
TSL 40651	Soil			0.5	28.1	15.6	64	<0.1	17.1	11.7	328	2.69	4.5	0.5	7.5	1.6	17	0.1	0.3	0.1	70
TSL 40652	Soil			0.5	44.1	21.7	78	<0.1	20.1	15.2	383	3.43	4.1	0.7	4.9	2.7	22	0.1	0.3	0.1	88
TSL 40653	Soil			0.7	28.9	18.2	62	<0.1	18.3	10.5	333	2.81	5.2	0.6	1.0	1.7	16	0.2	0.3	0.2	65
TSL 40654	Soil			3.5	65.5	41.3	117	0.2	18.0	17.7	740	4.22	9.0	0.8	19.1	2.1	30	0.2	0.5	0.2	114
TSL 40663	Soil			1.3	30.3	12.7	75	<0.1	25.7	10.7	204	3.20	11.7	0.9	<0.5	5.6	17	<0.1	0.4	0.2	77
TSL 40667	Soil			0.9	63.6	5.6	78	0.1	15.1	17.7	323	3.85	6.8	0.6	<0.5	1.4	19	0.1	0.2	<0.1	115
TSL 40676	Soil			0.8	54.8	6.2	75	<0.1	10.8	14.6	323	4.25	9.2	0.5	<0.5	1.8	22	<0.1	0.2	<0.1	145
TSL 40677	Soil			0.5	54.6	3.0	84	<0.1	12.5	17.7	399	3.99	4.4	0.4	<0.5	2.9	10	<0.1	0.1	<0.1	118
TSL 40678	Soil			0.3	55.8	2.8	80	<0.1	10.6	21.5	356	4.66	2.7	0.2	<0.5	0.7	25	<0.1	0.2	<0.1	192
TSL 40679	Soil			0.5	27.3	3.1	36	<0.1	22.8	10.1	317	2.88	3.7	0.6	<0.5	5.5	19	<0.1	0.1	<0.1	99
TSL 40680	Soil			1.2	41.8	10.9	128	0.1	33.3	15.2	353	3.90	83.3	1.4	0.8	9.5	13	0.2	0.5	0.2	63
TSL 40681	Soil			2.5	48.5	15.2	97	<0.1	17.5	11.6	391	3.99	42.9	1.7	<0.5	4.7	11	<0.1	0.4	0.1	61
TSL 40682	Soil			2.7	69.2	9.9	96	<0.1	23.4	15.5	482	4.35	48.4	1.0	9.5	5.4	14	<0.1	0.6	0.2	105
TSL 40683	Soil			0.6	19.8	4.3	85	<0.1	11.6	20.0	745	4.11	4.7	0.3	<0.5	1.6	16	<0.1	0.2	<0.1	132
TSL 40684	Soil			1.0	40.2	9.5	69	<0.1	23.4	13.9	327	3.46	8.0	0.7	8.0	3.4	20	<0.1	0.4	0.1	81
TSL 40685	Soil			0.9	41.3	9.4	72	<0.1	26.6	15.3	388	3.43	6.1	0.5	6.4	2.4	25	<0.1	0.3	0.1	76
TSL 40686	Soil			0.6	56.9	7.3	74	<0.1	21.8	17.8	382	3.28	7.9	0.6	5.7	2.4	29	<0.1	0.3	0.1	87
TSL 40687	Soil			0.8	46.9	7.0	120	<0.1	14.8	14.4	347	4.27	11.2	0.7	1.1	1.9	29	0.1	0.3	<0.1	112
TSL 40688	Soil			0.9	28.4	7.0	58	0.1	11.3	8.7	205	2.67	6.6	0.5	<0.5	1.4	15	<0.1	0.2	0.1	73
TSL 40689	Soil			0.9	18.7	6.6	51	<0.1	9.7	8.9	230	2.80	8.2	0.5	2.7	1.5	15	<0.1	0.2	0.1	68
TSL 40690	Soil			1.0	18.2	6.3	49	<0.1	11.3	11.3	284	2.91	7.3	0.5	2.8	2.1	22	0.1	0.2	<0.1	64
TSL 40692	Soil			0.6	60.5	3.9	60	<0.1	19.7	15.4	336	3.97	15.9	0.3	<0.5	1.3	15	<0.1	0.2	<0.1	129
TSL 40693	Soil			0.6	48.9	5.9	49	<0.1	21.9	13.0	327	3.10	6.9	0.7	2.2	2.0	17	<0.1	0.3	<0.1	86
TSL 40694	Soil			0.8	40.1	7.3	48	<0.1	24.8	12.7	290	2.92	7.9	0.4	0.8	1.9	14	<0.1	0.3	<0.1	84



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 27, 2009

Page: 6 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40645	Soil	0.037	10	30	0.77	220	0.127	<1	1.88	0.014	0.26	0.1	<0.01	3.9	0.1	<0.05	6	<0.5
TSL 40646	Soil	0.050	9	48	1.03	295	0.164	<1	2.28	0.022	0.32	0.1	0.01	5.2	0.2	<0.05	8	<0.5
TSL 40647	Soil	0.049	15	36	0.72	257	0.127	<1	1.91	0.023	0.12	0.2	0.04	5.2	<0.1	<0.05	6	<0.5
TSL 40648	Soil	0.060	13	32	0.61	247	0.101	1	1.86	0.022	0.12	0.2	0.06	4.2	<0.1	<0.05	7	0.5
TSL 40649	Soil	0.060	10	30	0.57	192	0.088	1	1.57	0.021	0.06	0.2	0.04	3.3	<0.1	<0.05	5	<0.5
TSL 40650	Soil	0.062	11	37	0.68	410	0.104	1	1.50	0.029	0.13	0.2	0.03	4.2	<0.1	<0.05	5	0.7
TSL 40651	Soil	0.056	8	34	0.69	198	0.110	1	1.52	0.016	0.21	0.1	0.02	3.3	0.1	<0.05	6	<0.5
TSL 40652	Soil	0.055	10	41	0.96	389	0.147	<1	1.90	0.018	0.33	0.2	0.01	5.2	0.2	<0.05	7	<0.5
TSL 40653	Soil	0.046	9	36	0.59	179	0.088	2	1.72	0.014	0.09	0.1	0.02	3.6	<0.1	<0.05	7	0.5
TSL 40654	Soil	0.056	9	20	0.62	540	0.046	2	1.60	0.022	0.07	<0.1	0.04	8.0	<0.1	<0.05	6	1.3
TSL 40663	Soil	0.029	16	36	0.55	286	0.099	<1	2.24	0.010	0.08	0.2	<0.01	3.0	0.1	<0.05	7	0.9
TSL 40667	Soil	0.065	6	25	1.04	286	0.195	<1	1.85	0.018	0.46	0.1	0.03	3.6	0.2	<0.05	7	0.7
TSL 40676	Soil	0.020	4	13	0.81	120	0.136	<1	2.00	0.035	0.07	<0.1	<0.01	4.7	<0.1	<0.05	9	0.8
TSL 40677	Soil	0.043	6	14	1.25	385	0.234	<1	2.18	0.019	0.74	<0.1	<0.01	4.3	0.3	<0.05	7	<0.5
TSL 40678	Soil	0.049	3	14	1.25	267	0.277	<1	2.29	0.033	0.27	<0.1	<0.01	3.9	0.1	<0.05	9	<0.5
TSL 40679	Soil	0.015	9	50	1.39	162	0.231	<1	2.30	0.012	0.60	<0.1	<0.01	8.3	0.3	<0.05	12	0.7
TSL 40680	Soil	0.065	16	45	0.58	215	0.066	<1	1.82	0.011	0.32	<0.1	<0.01	4.2	0.2	<0.05	6	1.5
TSL 40681	Soil	0.035	7	24	0.31	154	0.045	<1	1.14	0.010	0.20	<0.1	<0.01	8.9	0.2	<0.05	5	1.1
TSL 40682	Soil	0.053	7	42	1.19	214	0.195	<1	2.44	0.012	0.49	<0.1	<0.01	5.8	0.4	<0.05	8	0.6
TSL 40683	Soil	0.075	5	23	1.23	238	0.241	<1	2.42	0.021	0.55	0.1	<0.01	3.3	0.1	<0.05	9	<0.5
TSL 40684	Soil	0.029	12	40	0.72	258	0.127	1	2.21	0.014	0.07	0.1	<0.01	3.9	<0.1	<0.05	7	0.9
TSL 40685	Soil	0.045	9	94	0.93	379	0.146	1	2.11	0.016	0.14	0.2	0.02	4.3	<0.1	<0.05	7	<0.5
TSL 40686	Soil	0.042	8	53	0.86	271	0.150	<1	2.08	0.018	0.17	0.1	0.02	4.2	<0.1	<0.05	6	0.7
TSL 40687	Soil	0.032	6	37	1.04	360	0.224	<1	2.21	0.017	0.32	<0.1	0.01	4.5	0.1	<0.05	9	0.7
TSL 40688	Soil	0.027	5	24	0.58	245	0.119	2	1.61	0.014	0.12	0.1	<0.01	3.1	<0.1	<0.05	6	<0.5
TSL 40689	Soil	0.039	6	22	0.53	299	0.088	2	1.53	0.012	0.10	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5
TSL 40690	Soil	0.042	8	22	0.59	454	0.089	2	1.53	0.016	0.08	0.1	0.02	4.0	<0.1	<0.05	6	<0.5
TSL 40692	Soil	0.100	5	25	1.05	309	0.165	1	1.80	0.016	0.57	<0.1	<0.01	3.8	0.1	<0.05	7	<0.5
TSL 40693	Soil	0.041	9	49	0.82	249	0.119	1	1.78	0.014	0.17	0.1	0.02	4.1	<0.1	<0.05	6	<0.5
TSL 40694	Soil	0.017	7	63	0.80	238	0.122	1	1.73	0.016	0.10	<0.1	<0.01	3.2	<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 27, 2009

Page: 7 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40695	Soil		1.0	65.8	19.5	336	<0.1	20.0	11.6	383	3.30	12.9	0.5	1.5	3.0	14	0.5	0.3	0.1	79	0.18
TSL 40915	Soil		1.2	104.4	4.0	71	<0.1	11.6	10.5	459	4.60	9.5	0.8	1.7	3.6	13	<0.1	0.1	<0.1	96	0.16
TSL 40917	Soil		0.8	71.5	12.5	107	<0.1	10.3	8.8	409	3.37	16.1	0.3	<0.5	0.5	11	0.1	<0.1	<0.1	136	0.14
TSL 40919	Soil		0.7	62.1	6.7	86	<0.1	24.4	17.4	450	3.75	3.8	0.3	1.3	1.3	19	0.1	0.2	<0.1	118	0.36
TSL 40920	Soil		0.6	25.7	6.3	61	<0.1	19.1	10.2	381	2.39	6.1	0.5	4.3	2.2	28	0.2	0.3	0.1	60	0.71
TSL 40921	Soil		0.6	29.8	6.3	59	<0.1	20.9	11.0	401	2.50	6.7	0.6	3.4	2.3	31	0.2	0.4	0.1	63	0.71
TSL 40922	Soil		0.7	38.4	7.5	69	<0.1	23.9	14.1	539	2.89	6.8	0.7	5.1	2.1	32	0.2	0.3	<0.1	73	0.85
TSL 40924	Soil		1.2	31.9	57.4	44	0.2	15.4	9.0	355	1.79	3.6	1.3	1.2	1.8	49	0.2	0.3	0.1	40	0.81
TSL 40925	Soil		0.8	45.6	15.4	61	0.1	19.6	13.5	512	2.69	5.5	0.8	5.8	1.9	39	0.2	0.2	<0.1	65	0.70
TSL 40926	Soil		1.0	34.1	34.1	59	<0.1	16.5	14.4	545	3.24	6.9	0.6	2.6	2.5	24	0.1	0.3	0.1	71	0.37
TSL 40927	Soil		0.9	34.1	14.2	55	<0.1	16.9	12.1	353	2.93	5.8	0.4	3.4	1.8	22	<0.1	0.2	<0.1	71	0.39
TSL 40928	Soil		0.4	35.3	7.5	71	<0.1	20.1	17.3	388	4.69	3.0	0.4	1.2	1.9	20	<0.1	0.2	<0.1	113	0.46
TSL 40929	Soil		0.6	36.8	7.5	82	<0.1	17.3	17.5	476	5.18	4.4	0.4	1.8	3.7	26	<0.1	0.2	<0.1	123	0.44
TSL 40930	Soil		0.7	25.3	13.7	54	<0.1	16.3	10.0	240	2.95	6.6	0.5	2.8	2.3	18	<0.1	0.3	<0.1	75	0.24
TSL 40931	Soil		0.6	26.0	17.4	56	<0.1	21.7	10.6	258	3.13	6.1	0.5	4.5	2.8	19	<0.1	0.2	0.1	68	0.29
TSL 40932	Soil		0.5	26.6	45.0	60	<0.1	16.5	11.1	299	3.16	5.7	0.6	1.7	2.8	26	<0.1	0.2	0.2	70	0.39
TSL 40987	Soil		0.3	72.7	3.6	75	<0.1	19.6	17.1	553	3.82	2.8	0.3	2.1	1.2	24	<0.1	0.1	<0.1	97	0.59
TSL 40988	Soil		0.5	41.7	13.3	74	<0.1	24.2	15.8	383	3.82	3.5	0.3	1.3	1.1	12	<0.1	0.1	<0.1	103	0.27
TSL 40989	Soil		0.7	39.9	20.0	96	<0.1	18.5	15.1	425	3.72	5.0	0.3	1.9	1.2	13	0.2	0.2	0.1	91	0.23
TSL 40990	Soil		0.7	18.8	8.5	52	<0.1	14.7	9.6	334	2.95	5.9	0.4	1.0	0.8	15	<0.1	0.2	0.1	74	0.22
TSL 40991	Soil		0.4	19.6	26.4	60	<0.1	13.9	8.5	265	2.85	5.6	0.5	1.7	2.5	13	<0.1	0.2	0.2	64	0.20
TSL 38340	Soil		0.6	27.9	7.0	53	<0.1	20.2	12.3	268	2.73	5.6	0.8	3.4	2.6	27	0.1	0.3	<0.1	62	0.43
TSL 38071	Soil		1.1	34.2	7.0	58	0.2	9.2	7.5	163	2.36	4.5	0.6	2.5	1.7	13	<0.1	0.1	<0.1	64	0.20
TSL 38072	Soil		2.6	59.0	6.9	71	0.1	13.2	17.5	522	3.20	5.7	0.7	<0.5	2.0	15	<0.1	0.1	0.1	86	0.27
TSL 38073	Soil		1.9	37.5	7.9	76	<0.1	13.0	15.9	483	3.28	7.3	0.4	8.7	1.8	14	0.1	0.2	0.1	90	0.31
TSL 38076	Soil		0.8	19.7	8.0	48	<0.1	11.5	6.3	157	2.24	5.3	0.5	3.6	1.0	15	0.2	0.2	<0.1	53	0.25
TSL 38078	Soil		1.3	50.3	20.0	69	0.1	26.3	12.2	626	3.16	10.1	1.3	6.3	4.3	27	0.2	0.3	<0.1	56	0.64
TSL 38085	Soil		0.9	125.4	4.1	45	<0.1	33.5	17.0	436	4.39	2.8	0.4	1.2	1.9	20	<0.1	0.2	<0.1	92	0.63
TSL 39078	Soil		2.0	36.7	16.0	97	0.1	43.3	15.4	363	2.87	45.5	1.2	4.9	4.5	25	0.2	0.6	0.1	61	0.49
TSL 39079	Soil		1.0	24.8	7.0	56	<0.1	26.6	10.3	344	2.42	8.9	0.8	2.9	2.9	23	<0.1	0.4	0.1	57	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: July 27, 2009

Page: 7 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40695	Soil	0.017	12	29	1.05	225	0.115	2	1.93	0.012	0.39	<0.1	<0.01	3.6	0.2	<0.05	6	<0.5
TSL 40915	Soil	0.035	7	15	1.07	261	0.132	<1	2.20	0.014	0.45	<0.1	<0.01	5.2	0.2	<0.05	10	<0.5
TSL 40917	Soil	0.037	3	10	1.00	225	0.161	<1	1.77	0.013	0.55	<0.1	<0.01	3.5	0.2	<0.05	8	<0.5
TSL 40919	Soil	0.037	5	64	1.23	328	0.185	2	1.97	0.015	0.39	<0.1	0.02	4.3	0.2	<0.05	8	<0.5
TSL 40920	Soil	0.067	10	30	0.60	219	0.078	3	1.28	0.026	0.09	<0.1	0.03	3.6	<0.1	<0.05	4	<0.5
TSL 40921	Soil	0.062	10	31	0.61	228	0.079	3	1.33	0.026	0.06	0.1	0.02	3.7	<0.1	<0.05	4	<0.5
TSL 40922	Soil	0.064	11	38	0.68	285	0.078	3	1.47	0.024	0.07	0.2	0.02	4.3	<0.1	<0.05	5	<0.5
TSL 40924	Soil	0.066	38	19	0.38	753	0.042	3	1.04	0.021	0.07	<0.1	0.09	3.7	<0.1	0.08	4	<0.5
TSL 40925	Soil	0.045	11	30	0.69	339	0.086	2	1.48	0.019	0.17	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5
TSL 40926	Soil	0.046	9	32	0.66	265	0.088	2	1.79	0.019	0.07	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5
TSL 40927	Soil	0.052	6	32	0.73	201	0.084	1	1.54	0.019	0.09	<0.1	<0.01	4.0	<0.1	<0.05	6	<0.5
TSL 40928	Soil	0.076	6	39	1.48	277	0.074	<1	2.12	0.015	0.11	0.3	<0.01	11.3	<0.1	<0.05	10	<0.5
TSL 40929	Soil	0.079	7	38	1.30	257	0.064	1	2.26	0.014	0.13	<0.1	<0.01	8.3	<0.1	<0.05	10	<0.5
TSL 40930	Soil	0.028	11	32	0.64	257	0.093	<1	1.74	0.015	0.06	0.1	<0.01	3.9	<0.1	<0.05	6	<0.5
TSL 40931	Soil	0.044	12	72	0.87	290	0.102	<1	1.82	0.012	0.10	<0.1	<0.01	4.3	<0.1	<0.05	7	<0.5
TSL 40932	Soil	0.062	11	38	0.76	266	0.121	<1	1.72	0.019	0.17	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5
TSL 40987	Soil	0.123	8	40	1.34	339	0.126	1	1.90	0.039	0.25	<0.1	<0.01	4.7	0.1	<0.05	7	<0.5
TSL 40988	Soil	0.046	4	58	1.24	302	0.183	<1	2.03	0.020	0.45	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5
TSL 40989	Soil	0.035	3	32	0.97	231	0.137	<1	2.04	0.018	0.20	<0.1	<0.01	4.6	0.1	<0.05	7	<0.5
TSL 40990	Soil	0.036	6	31	0.53	217	0.050	<1	1.70	0.011	0.04	<0.1	0.01	3.7	<0.1	<0.05	7	<0.5
TSL 40991	Soil	0.040	8	29	0.64	156	0.109	<1	1.70	0.012	0.13	<0.1	0.01	3.4	0.1	<0.05	6	<0.5
TSL 38340	Soil	0.055	11	40	0.65	250	0.092	1	1.75	0.019	0.08	0.1	<0.01	4.1	<0.1	<0.05	5	<0.5
TSL 38071	Soil	0.032	8	20	0.53	318	0.087	2	1.23	0.019	0.21	0.1	0.01	3.4	0.1	<0.05	5	<0.5
TSL 38072	Soil	0.049	8	28	0.84	309	0.105	1	1.66	0.017	0.23	<0.1	<0.01	4.2	0.1	<0.05	6	<0.5
TSL 38073	Soil	0.053	7	25	0.80	324	0.101	<1	1.46	0.016	0.22	<0.1	0.01	3.5	0.1	<0.05	6	<0.5
TSL 38076	Soil	0.051	7	21	0.41	161	0.057	2	1.13	0.018	0.05	<0.1	0.04	2.6	<0.1	<0.05	4	<0.5
TSL 38078	Soil	0.076	19	26	0.45	567	0.057	3	1.34	0.021	0.15	<0.1	0.05	6.8	0.1	<0.05	4	<0.5
TSL 38085	Soil	0.075	10	72	1.10	294	0.061	2	1.85	0.047	0.14	<0.1	<0.01	9.6	0.1	<0.05	6	<0.5
TSL 39078	Soil	0.100	19	50	0.61	531	0.077	2	1.41	0.015	0.12	0.1	0.05	3.8	0.2	<0.05	5	<0.5
TSL 39079	Soil	0.076	12	36	0.53	234	0.070	2	1.25	0.019	0.06	0.2	<0.01	2.9	<0.1	<0.05	4	<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 27, 2009

Page: 8 of 11 **Part** 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 39080	Soil				0.3	8.8	13.2	62	<0.1	22.1	8.6	442	1.87	1.6	1.1	0.9	5.7	29	<0.1	<0.1	0.2	19	0.47	
TSL 39081	Soil				0.8	34.2	8.8	64	<0.1	25.8	10.9	406	2.44	8.1	0.8	2.2	3.6	37	0.3	0.4	0.1	50	0.99	
TSL 39082	Soil				0.9	34.4	8.6	67	<0.1	27.1	11.1	427	2.46	9.0	0.9	3.6	3.7	39	0.3	0.4	0.1	51	0.89	
TSL 39228	Soil				1.8	21.2	23.5	60	0.1	17.5	23.5	1195	3.83	11.0	1.0	0.8	3.9	27	0.1	0.4	0.2	80	0.24	
TSL 39230	Soil				1.1	14.8	29.4	54	<0.1	14.9	8.0	289	2.94	7.7	0.6	3.1	3.5	19	0.1	0.3	0.2	64	0.25	
TSL 39231	Soil				0.9	16.9	14.6	61	<0.1	13.6	9.5	455	2.73	8.0	0.5	3.2	2.7	15	0.1	0.3	0.4	65	0.22	
TSL 39232	Soil				1.0	20.9	12.2	62	<0.1	20.5	10.7	239	3.07	9.9	0.7	2.2	3.7	12	<0.1	0.4	0.1	65	0.13	
TSL 39233	Soil				1.1	27.9	10.4	79	<0.1	14.9	8.7	304	3.41	8.2	0.5	2.3	2.3	11	0.1	0.3	0.1	65	0.14	
TSL 39234	Soil				0.8	34.1	11.6	56	<0.1	11.3	8.5	271	2.55	5.6	0.5	<0.5	1.3	10	0.2	0.2	0.1	62	0.15	
TSL 39235	Soil				0.8	26.1	16.5	62	0.1	13.4	8.3	282	2.13	5.1	1.2	3.8	2.2	65	0.1	0.2	0.1	42	0.45	
TSL 40729	Soil				0.8	21.5	7.7	62	0.1	13.8	12.0	352	2.57	7.0	0.6	1.2	1.6	19	0.1	0.2	<0.1	65	0.29	
TSL 40730	Soil				0.9	21.7	6.3	51	0.2	12.6	8.5	152	2.22	5.0	0.7	5.3	1.3	20	0.1	0.3	<0.1	57	0.30	
TSL 40731	Soil				0.8	22.6	5.1	40	<0.1	10.5	8.3	205	2.00	5.0	0.7	1.3	1.0	20	0.2	0.2	<0.1	52	0.34	
TSL 40733	Soil				1.0	70.5	15.2	182	<0.1	20.0	14.1	462	3.79	6.3	0.6	1.7	3.6	14	0.2	0.1	<0.1	92	0.33	
TSL 40734	Soil				0.6	75.5	7.4	76	<0.1	32.0	15.7	417	3.37	7.3	1.0	2.5	4.8	21	0.1	0.3	<0.1	72	0.35	
TSL 38166	Soil				0.4	10.9	5.8	40	<0.1	9.8	4.4	103	1.53	3.2	0.5	1.9	0.9	13	<0.1	0.1	<0.1	32	0.18	
TSL 38167	Soil				0.5	14.1	7.4	48	<0.1	10.6	4.8	105	1.82	4.3	0.5	3.2	1.2	14	0.1	0.2	<0.1	36	0.19	
TSL 38168	Soil				0.5	9.5	7.1	47	<0.1	10.2	5.1	124	1.79	3.8	0.6	4.3	1.7	12	0.1	0.2	<0.1	42	0.18	
TSL 45175	Soil				1.0	180.9	16.6	298	<0.1	14.2	8.2	490	3.60	2.9	0.3	1.7	1.0	13	0.3	0.1	<0.1	50	0.21	
TSL 40190	Soil				0.5	45.8	15.3	143	<0.1	34.0	13.3	487	2.81	5.6	0.6	1.0	2.8	23	0.2	0.2	0.1	65	0.39	
TSL 40191	Soil				0.6	38.3	18.5	107	<0.1	19.5	13.5	499	3.31	12.5	0.5	1.8	3.0	18	0.2	0.2	0.1	75	0.27	
TSL 40198	Soil				0.3	8.0	2.8	22	<0.1	5.8	10.3	116	2.68	2.0	0.2	<0.5	0.7	9	<0.1	<0.1	<0.1	83	0.28	
TSL 40200	Soil				0.5	17.5	4.0	44	<0.1	8.4	11.0	221	3.59	3.2	0.4	1.2	1.5	13	<0.1	<0.1	<0.1	46	0.22	
TSL 40201	Soil				0.4	17.1	3.8	41	<0.1	8.4	10.9	219	3.53	3.1	0.4	3.6	1.4	13	<0.1	0.1	<0.1	47	0.24	
TSL 40535	Soil				0.8	34.4	5.0	85	<0.1	17.4	18.9	399	4.49	5.9	0.4	4.4	1.9	14	<0.1	0.1	<0.1	141	0.41	
TSL 40536	Soil				0.7	37.8	9.5	62	<0.1	19.7	14.9	310	3.51	6.3	0.9	3.3	3.1	22	<0.1	0.3	<0.1	101	0.43	
TSL 40537	Soil				0.7	28.9	7.9	49	<0.1	19.2	13.0	283	3.04	6.1	0.3	0.6	1.8	16	<0.1	0.3	<0.1	78	0.22	
TSL 40538	Soil				0.7	42.5	3.8	97	<0.1	13.8	21.4	499	5.42	3.9	0.5	2.6	1.9	12	<0.1	0.1	<0.1	181	0.24	
TSL 40540	Soil				0.9	29.4	6.9	56	<0.1	16.6	13.3	357	3.23	7.4	0.5	2.1	2.5	17	0.1	0.3	<0.1	79	0.22	
TSL 40541	Soil				2.1	35.6	7.7	63	<0.1	9.7	12.2	335	4.01	9.3	0.5	2.0	2.2	11	<0.1	0.2	<0.1	83	0.15	



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 27, 2009

Page: 8 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 39080	Soil	0.088	8	19	1.47	183	0.106	<1	1.59	0.008	0.46	<0.1	<0.01	1.0	0.3	<0.05	4	<0.5
TSL 39081	Soil	0.074	12	28	0.71	262	0.080	2	1.19	0.039	0.12	0.1	0.03	3.6	<0.1	<0.05	4	<0.5
TSL 39082	Soil	0.075	11	28	0.71	276	0.074	2	1.16	0.039	0.12	0.1	0.03	3.5	<0.1	<0.05	4	<0.5
TSL 39228	Soil	0.047	17	31	0.49	397	0.084	2	1.97	0.009	0.10	0.2	0.02	3.6	0.1	<0.05	8	<0.5
TSL 39230	Soil	0.039	9	28	0.49	268	0.089	<1	1.83	0.010	0.10	0.1	0.02	3.4	<0.1	<0.05	6	<0.5
TSL 39231	Soil	0.052	8	27	0.46	204	0.089	<1	1.64	0.010	0.09	0.1	0.02	3.2	<0.1	<0.05	6	<0.5
TSL 39232	Soil	0.031	8	35	0.48	208	0.069	1	2.22	0.010	0.06	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5
TSL 39233	Soil	0.028	7	22	0.52	253	0.086	<1	1.88	0.011	0.12	0.1	0.01	4.5	<0.1	<0.05	7	<0.5
TSL 39234	Soil	0.044	6	19	0.47	179	0.097	<1	1.50	0.014	0.13	0.1	0.01	2.8	<0.1	<0.05	6	<0.5
TSL 39235	Soil	0.053	14	23	0.51	310	0.062	1	1.27	0.016	0.09	0.2	0.04	3.8	<0.1	<0.05	4	<0.5
TSL 40729	Soil	0.051	8	30	0.57	260	0.079	2	1.45	0.015	0.07	0.1	0.03	3.4	<0.1	<0.05	5	<0.5
TSL 40730	Soil	0.055	7	25	0.55	293	0.085	1	1.47	0.016	0.08	<0.1	0.04	3.5	<0.1	<0.05	6	<0.5
TSL 40731	Soil	0.041	7	22	0.40	281	0.062	<1	1.07	0.016	0.06	0.2	0.07	3.1	<0.1	<0.05	4	<0.5
TSL 40733	Soil	0.047	9	33	1.42	293	0.176	<1	2.28	0.012	0.81	0.1	<0.01	5.2	0.3	<0.05	7	<0.5
TSL 40734	Soil	0.040	16	54	0.89	297	0.115	<1	1.76	0.016	0.37	0.1	0.05	5.7	0.2	<0.05	5	<0.5
TSL 38166	Soil	0.041	7	19	0.35	108	0.054	1	1.01	0.013	0.04	0.2	0.02	2.2	<0.1	<0.05	4	<0.5
TSL 38167	Soil	0.044	8	22	0.39	123	0.053	1	1.11	0.014	0.04	0.1	0.05	2.3	<0.1	<0.05	4	<0.5
TSL 38168	Soil	0.041	10	18	0.37	121	0.062	<1	1.13	0.012	0.04	0.2	0.04	2.3	<0.1	<0.05	5	<0.5
TSL 45175	Soil	0.043	3	12	0.64	308	0.147	<1	1.63	0.011	0.59	<0.1	0.01	3.2	0.2	<0.05	7	<0.5
TSL 40190	Soil	0.060	10	67	0.97	322	0.110	<1	1.66	0.015	0.32	0.1	0.01	4.5	0.2	<0.05	5	<0.5
TSL 40191	Soil	0.048	8	35	0.76	252	0.124	<1	1.58	0.014	0.30	<0.1	0.01	4.4	0.2	<0.05	6	<0.5
TSL 40198	Soil	0.039	3	7	0.69	107	0.116	<1	1.29	0.024	0.14	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5
TSL 40200	Soil	0.057	6	14	0.73	251	0.117	<1	1.54	0.013	0.20	<0.1	0.01	4.3	<0.1	<0.05	7	<0.5
TSL 40201	Soil	0.059	6	14	0.73	234	0.120	<1	1.53	0.018	0.20	<0.1	<0.01	4.5	<0.1	<0.05	7	<0.5
TSL 40535	Soil	0.064	6	24	1.23	467	0.216	<1	2.05	0.018	0.72	0.1	<0.01	5.2	0.3	<0.05	8	<0.5
TSL 40536	Soil	0.031	20	29	0.82	693	0.131	<1	1.76	0.019	0.13	<0.1	0.03	5.6	0.1	<0.05	6	<0.5
TSL 40537	Soil	0.013	6	54	0.79	305	0.097	<1	1.84	0.014	0.12	0.1	<0.01	3.0	<0.1	<0.05	6	<0.5
TSL 40538	Soil	0.037	6	25	1.86	726	0.267	<1	2.78	0.016	1.10	<0.1	<0.01	8.1	0.3	<0.05	10	<0.5
TSL 40540	Soil	0.028	6	28	0.84	312	0.115	<1	1.97	0.014	0.18	<0.1	0.02	3.5	<0.1	<0.05	7	<0.5
TSL 40541	Soil	0.050	6	19	0.85	204	0.115	<1	1.97	0.015	0.33	<0.1	<0.01	4.0	0.1	<0.05	9	<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 27, 2009

Page: 9 of 11 **Part** 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40543	Soil		0.9	53.2	6.5	59	<0.1	16.6	15.3	378	3.55	17.8	0.8	0.9	1.2	14	0.1	0.2	<0.1	104	0.27
TSL 40548	Soil		0.6	117.1	4.8	85	<0.1	17.7	17.2	551	4.95	3.3	0.4	<0.5	1.2	14	0.1	0.1	<0.1	158	0.41
TSL 40550	Soil		0.5	54.3	5.7	80	<0.1	29.6	18.3	462	3.73	5.5	0.3	2.8	1.4	16	<0.1	0.1	<0.1	120	0.34
TSL 40551	Soil		0.8	56.8	7.9	83	0.2	24.6	18.7	682	3.25	4.9	0.6	3.1	1.8	20	0.3	0.2	<0.1	94	0.50
TSL 40554	Soil		1.4	46.4	31.8	142	0.2	43.1	15.8	661	4.15	12.5	1.6	7.5	7.1	30	0.3	0.3	0.3	61	0.56
TSL 38394	Soil		0.6	38.7	66.3	75	<0.1	12.3	8.6	397	2.89	4.5	0.9	7.6	4.1	32	<0.1	0.2	0.3	65	0.28
TSL 38395	Soil		1.3	24.5	20.0	99	<0.1	14.5	10.1	487	2.86	11.2	1.3	2.2	4.9	33	0.1	0.3	0.2	54	0.36
TSL 38396	Soil		1.5	27.0	17.3	82	<0.1	18.8	11.3	413	3.30	10.0	1.4	4.7	5.3	31	<0.1	0.4	0.2	72	0.35
TSL 38397	Soil		1.0	60.2	14.7	138	<0.1	15.8	13.9	524	4.30	9.3	0.7	0.8	4.1	22	0.1	0.2	0.2	74	0.31
TSL 38398	Soil		0.8	32.5	19.7	82	<0.1	12.8	11.4	393	3.55	6.7	0.5	<0.5	2.0	20	<0.1	0.2	0.2	74	0.26
TSL 38399	Soil		1.3	26.5	14.0	77	<0.1	16.8	10.2	409	3.59	10.9	0.5	<0.5	2.2	17	0.1	0.3	0.2	80	0.23
TSL 38400	Soil		0.4	56.4	3.2	51	<0.1	12.3	24.0	395	3.01	3.2	0.2	<0.5	0.7	18	<0.1	0.2	0.3	83	0.44
TSL 38401	Soil		0.6	228.2	6.4	107	<0.1	8.0	43.5	818	6.67	54.8	0.4	0.6	0.6	26	0.2	0.2	1.0	233	0.54
TSL 38402	Soil		0.7	65.5	7.2	53	<0.1	15.7	23.6	383	3.48	11.5	0.4	11.1	1.3	19	<0.1	0.2	0.1	99	0.35
TSL 38403	Soil		1.0	83.4	8.2	54	<0.1	15.7	22.7	392	3.77	26.4	0.4	<0.5	1.1	17	<0.1	0.2	0.2	105	0.25
TSL 38404	Soil		0.3	25.0	7.0	36	<0.1	11.7	5.7	94	1.69	5.5	0.5	3.4	0.6	20	0.1	0.2	0.1	31	0.24
TSL 39299	Soil		0.4	62.7	4.2	91	<0.1	23.0	18.9	593	4.56	14.5	0.6	<0.5	2.6	42	<0.1	0.1	<0.1	129	0.58
TSL 39300	Soil		0.6	33.6	6.7	58	<0.1	16.6	14.1	278	3.25	7.1	0.6	1.7	3.0	24	<0.1	0.2	<0.1	88	0.34
TSL 39302	Soil		0.8	38.8	6.7	57	<0.1	14.8	13.1	376	3.16	6.0	0.7	8.9	2.7	26	<0.1	0.2	<0.1	81	0.44
TSL 39303	Soil		0.7	57.0	6.7	66	<0.1	22.2	16.7	306	4.02	7.0	0.5	1.5	2.7	28	<0.1	0.2	<0.1	116	0.47
TSL 40702	Soil		0.6	40.7	6.2	63	<0.1	28.7	15.0	545	3.20	3.6	0.5	<0.5	2.0	27	0.1	0.1	<0.1	74	0.70
TSL 40703	Soil		0.8	32.1	10.1	65	<0.1	18.6	11.8	337	3.02	8.1	0.7	2.3	3.2	28	0.2	0.3	0.1	74	0.44
TSL 40704	Soil		1.8	54.4	36.0	138	<0.1	24.1	19.3	981	5.36	5.8	0.8	7.1	6.8	23	0.2	0.2	0.2	101	0.55
TSL 40705	Soil		0.5	54.3	16.9	104	<0.1	20.2	20.0	597	5.19	3.9	0.3	<0.5	1.6	24	0.1	0.2	<0.1	111	0.56
TSL 40706	Soil		0.5	44.7	26.5	80	<0.1	20.3	16.2	419	4.18	32.9	0.4	6.2	2.0	25	<0.1	0.2	0.1	96	0.32
TSL 40707	Soil		0.6	30.0	5.4	58	<0.1	11.8	17.9	1002	2.90	4.3	0.3	<0.5	0.6	26	0.1	0.1	<0.1	79	0.40
TSL 40708	Soil		0.8	23.1	8.8	53	<0.1	16.0	10.3	300	3.43	7.6	0.5	1.4	2.0	25	<0.1	0.3	0.1	89	0.36
TSL 40709	Soil		0.4	24.8	19.1	66	<0.1	14.5	11.3	305	3.26	5.3	0.5	<0.5	2.6	19	<0.1	0.2	0.1	73	0.29
TSL 42300	Soil		1.1	80.6	7.9	182	<0.1	22.3	14.5	696	5.27	5.9	0.7	<0.5	3.2	30	<0.1	0.2	0.1	103	0.33
TSL 42301	Soil		1.0	63.2	15.1	107	<0.1	17.7	12.5	426	3.75	7.7	1.5	2.7	3.6	28	0.1	0.3	0.2	74	0.36



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 27, 2009

Page: 9 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 40543	Soil	0.066	9	26	0.69	248	0.119	<1	1.83	0.022	0.27	<0.1	0.03	4.6	<0.1	<0.05	7	<0.5
TSL 40548	Soil	0.080	5	16	1.10	262	0.155	1	1.87	0.019	0.64	<0.1	0.03	6.1	0.2	<0.05	8	<0.5
TSL 40550	Soil	0.046	5	99	1.32	347	0.166	<1	1.90	0.020	0.41	0.2	0.02	5.5	0.2	<0.05	7	<0.5
TSL 40551	Soil	0.055	12	57	0.82	361	0.117	1	1.63	0.021	0.19	0.1	0.04	4.7	0.1	<0.05	6	<0.5
TSL 40554	Soil	0.083	26	50	0.59	359	0.056	3	1.32	0.020	0.23	0.2	0.09	8.9	0.2	<0.05	4	<0.5
TSL 38394	Soil	0.038	11	24	0.72	312	0.128	<1	1.43	0.013	0.34	0.1	0.01	5.5	0.2	<0.05	7	<0.5
TSL 38395	Soil	0.041	16	29	0.54	485	0.093	3	1.66	0.021	0.14	0.1	0.03	4.6	<0.1	0.06	5	0.6
TSL 38396	Soil	0.034	20	40	0.59	457	0.097	3	2.08	0.024	0.07	0.1	0.03	5.4	<0.1	<0.05	7	<0.5
TSL 38397	Soil	0.038	15	27	1.02	572	0.140	3	2.35	0.016	0.39	<0.1	0.01	6.2	0.1	<0.05	9	<0.5
TSL 38398	Soil	0.035	10	21	0.74	349	0.101	2	1.77	0.015	0.17	<0.1	0.01	5.0	<0.1	<0.05	7	<0.5
TSL 38399	Soil	0.038	8	31	0.60	254	0.100	2	2.06	0.015	0.14	0.1	0.02	4.0	<0.1	<0.05	8	<0.5
TSL 38400	Soil	0.058	4	16	0.99	329	0.128	1	1.59	0.049	0.33	<0.1	<0.01	3.7	0.1	<0.05	5	<0.5
TSL 38401	Soil	0.103	4	4	1.11	509	0.114	1	2.08	0.021	0.99	<0.1	0.03	15.8	0.4	<0.05	8	1.6
TSL 38402	Soil	0.064	6	20	0.75	301	0.119	2	1.60	0.028	0.26	<0.1	<0.01	4.0	0.1	<0.05	5	<0.5
TSL 38403	Soil	0.057	6	25	0.80	203	0.130	2	1.82	0.034	0.28	<0.1	<0.01	4.0	<0.1	0.07	6	0.6
TSL 38404	Soil	0.052	7	23	0.29	168	0.056	1	1.14	0.017	0.05	0.1	0.03	2.2	<0.1	0.08	5	0.7
TSL 39299	Soil	0.103	12	27	1.54	410	0.222	<1	2.57	0.021	0.89	<0.1	<0.01	3.6	0.2	<0.05	9	<0.5
TSL 39300	Soil	0.043	11	29	0.71	266	0.130	1	1.76	0.028	0.19	<0.1	<0.01	3.7	<0.1	<0.05	6	<0.5
TSL 39302	Soil	0.059	10	26	0.68	316	0.106	1	1.52	0.032	0.17	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5
TSL 39303	Soil	0.053	8	30	0.97	255	0.158	1	2.13	0.026	0.17	<0.1	0.02	5.0	<0.1	<0.05	7	<0.5
TSL 40702	Soil	0.135	7	58	1.13	227	0.121	<1	1.63	0.033	0.37	<0.1	<0.01	5.0	0.1	<0.05	6	<0.5
TSL 40703	Soil	0.041	12	31	0.67	307	0.105	2	1.78	0.027	0.09	0.1	0.03	4.4	<0.1	<0.05	6	0.5
TSL 40704	Soil	0.142	17	33	1.28	614	0.089	2	2.34	0.014	0.47	<0.1	0.01	7.9	0.1	<0.05	10	<0.5
TSL 40705	Soil	0.135	5	46	1.55	416	0.159	1	2.47	0.028	0.53	<0.1	0.01	6.8	0.2	<0.05	11	<0.5
TSL 40706	Soil	0.050	10	44	1.27	326	0.139	2	2.46	0.019	0.39	<0.1	0.01	4.8	0.2	<0.05	8	<0.5
TSL 40707	Soil	0.078	5	29	0.75	276	0.119	2	1.48	0.034	0.21	<0.1	0.01	2.8	<0.1	<0.05	7	<0.5
TSL 40708	Soil	0.042	8	37	0.65	278	0.085	2	1.96	0.021	0.06	0.1	0.01	5.0	<0.1	<0.05	7	<0.5
TSL 40709	Soil	0.058	10	31	0.80	251	0.136	2	1.85	0.025	0.26	<0.1	<0.01	3.2	0.1	<0.05	7	<0.5
TSL 42300	Soil	0.039	14	56	1.46	423	0.160	2	2.64	0.021	0.57	<0.1	0.02	7.5	0.3	0.14	10	0.8
TSL 42301	Soil	0.035	14	37	0.76	384	0.102	2	1.81	0.022	0.18	<0.1	0.03	6.1	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: July 27, 2009

Page: 10 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

		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 42302	Soil		0.9	45.0	12.9	66	<0.1	18.5	11.7	355	3.27	7.0	1.0	0.8	3.2	27	<0.1	0.3	0.1	68	0.43	
TSL 42303	Soil		0.7	34.5	40.5	71	<0.1	12.6	8.7	313	3.33	5.7	0.7	2.4	3.5	21	<0.1	0.2	0.2	54	0.32	
TSL 42304	Soil		1.0	29.2	27.2	64	0.1	13.2	12.0	363	2.95	6.1	0.6	<0.5	2.2	20	0.1	0.2	0.2	63	0.27	
TSL 42305	Soil		1.1	28.3	28.4	63	0.1	12.4	11.6	365	2.87	5.7	0.6	3.1	2.0	19	<0.1	0.2	0.2	61	0.25	
TSL 42306	Soil		1.4	24.9	24.9	61	<0.1	15.6	10.3	285	3.43	8.1	0.7	0.8	3.8	21	<0.1	0.3	0.2	64	0.26	
TSL 42307	Soil		1.5	27.6	36.1	86	<0.1	13.9	9.8	359	3.32	6.5	0.9	2.2	4.2	23	<0.1	0.2	0.2	70	0.28	
TSL 42146	Soil		0.8	27.1	14.3	65	<0.1	9.7	6.2	222	2.36	3.8	0.7	0.9	1.9	22	<0.1	0.1	0.2	51	0.29	
TSL 42147	Soil		1.2	29.8	15.8	84	<0.1	12.6	9.7	405	3.55	6.6	0.5	4.6	2.5	23	0.2	0.2	0.2	59	0.36	
TSL 42148	Soil		0.9	37.6	11.8	93	<0.1	17.5	10.5	493	3.68	7.5	0.9	3.6	3.6	26	0.1	0.3	0.2	64	0.47	
TSL 42149	Soil		0.7	37.1	13.1	97	<0.1	10.4	8.9	510	3.62	11.5	0.5	2.1	3.1	18	0.1	0.3	0.2	49	0.33	
TSL 42150	Soil		1.0	50.9	15.2	93	<0.1	11.3	8.8	467	3.28	16.2	0.6	4.8	2.7	21	0.2	0.3	0.2	50	0.33	
TSL 42151	Soil		0.7	33.1	9.9	87	<0.1	13.8	10.7	457	3.19	9.0	0.6	3.4	2.8	24	0.2	0.3	0.1	56	0.36	
TSL 42215	Soil		0.9	43.4	16.8	130	0.3	8.3	6.1	440	2.30	5.6	1.0	4.8	2.4	13	0.2	0.2	0.2	32	0.16	
TSL 42216	Soil		0.8	88.8	12.3	93	0.3	7.3	5.8	402	2.83	5.1	1.3	5.6	3.6	14	0.3	0.1	0.2	30	0.17	
TSL 42217	Soil		0.8	29.4	14.5	80	0.1	9.8	7.1	492	2.29	5.0	0.9	<0.5	2.6	12	0.2	0.2	0.2	45	0.16	
TSL 42218	Soil		1.3	42.7	165.4	216	0.3	8.2	11.2	867	2.63	4.6	0.7	3.6	3.6	14	0.3	0.1	0.4	44	0.18	
TSL 42219	Soil		0.8	23.3	29.9	89	0.1	8.1	6.8	394	2.16	3.9	0.7	3.3	2.0	12	0.2	0.1	0.2	47	0.18	
TSL 42220	Soil		1.0	88.9	34.2	102	0.2	10.6	6.6	321	2.77	5.3	0.9	7.2	4.1	22	0.3	0.2	0.2	50	0.28	
TSL 42221	Soil		1.0	127.1	30.2	100	0.1	12.1	8.4	447	2.43	5.5	0.7	2.5	2.7	21	0.4	0.3	0.2	54	0.25	
TSL 38016	Soil		0.5	19.1	5.8	37	<0.1	14.6	8.2	208	2.30	5.6	0.6	6.3	2.0	21	<0.1	0.2	<0.1	60	0.34	
TSL 38017	Soil		0.3	46.7	1.8	32	<0.1	11.4	13.9	195	2.60	2.6	0.2	<0.5	0.9	13	<0.1	0.1	<0.1	93	0.31	
TSL 38018	Soil		0.4	43.4	4.1	24	<0.1	53.5	12.2	131	2.21	4.8	0.3	0.9	1.3	10	<0.1	0.2	<0.1	60	0.18	
TSL 38019	Soil		0.6	33.6	3.6	27	<0.1	27.8	9.8	149	2.04	4.2	0.3	<0.5	1.4	11	<0.1	0.2	<0.1	59	0.27	
TSL 38020	Soil		0.7	74.4	6.1	49	<0.1	18.5	13.9	280	3.08	9.8	0.8	5.5	2.8	20	<0.1	0.2	<0.1	77	0.32	
TSL 38021	Soil		0.7	25.7	6.8	40	<0.1	21.0	11.1	291	2.98	7.5	0.4	0.6	1.7	21	<0.1	0.4	<0.1	82	0.35	
TSL 38022	Soil		0.4	98.0	6.2	75	<0.1	22.5	23.9	361	4.99	5.6	0.2	1.9	1.2	50	<0.1	0.2	<0.1	167	0.50	
TSL 40657	Soil		1.1	29.9	10.7	67	<0.1	20.2	12.0	269	3.40	14.6	0.5	2.2	4.2	15	<0.1	0.3	0.1	82	0.22	
TSL 40659	Soil		1.0	87.7	7.7	169	<0.1	23.9	16.2	405	3.82	5.0	0.3	<0.5	1.4	15	0.2	0.2	<0.1	101	0.25	
TSL 40660	Soil		2.0	82.7	7.5	265	0.1	27.1	14.3	313	3.70	6.2	1.0	<0.5	5.4	14	0.2	0.1	<0.1	92	0.30	
TSL 40666	Soil		1.1	60.8	6.3	57	0.2	18.1	12.2	234	2.84	4.2	0.9	1.5	1.2	25	0.2	0.2	<0.1	76	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 27, 2009

Page: 10 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 42302	Soil	0.032	14	30	0.67	353	0.101	1	1.63	0.021	0.12	<0.1	0.03	5.0	<0.1	<0.05	6	<0.5
TSL 42303	Soil	0.029	21	21	0.81	414	0.116	1	1.81	0.021	0.35	<0.1	0.01	5.2	0.1	<0.05	8	<0.5
TSL 42304	Soil	0.047	12	25	0.63	288	0.108	1	1.45	0.020	0.21	0.1	0.02	3.9	0.1	<0.05	7	<0.5
TSL 42305	Soil	0.051	12	24	0.60	282	0.107	2	1.45	0.019	0.22	0.1	0.02	3.6	<0.1	<0.05	7	<0.5
TSL 42306	Soil	0.026	13	31	0.79	275	0.098	3	2.04	0.018	0.13	0.1	0.01	3.9	<0.1	<0.05	7	<0.5
TSL 42307	Soil	0.026	14	24	0.81	279	0.114	2	1.81	0.020	0.21	<0.1	0.02	4.5	0.1	<0.05	7	0.7
TSL 42146	Soil	0.026	16	22	0.51	270	0.083	2	1.33	0.022	0.10	<0.1	0.01	4.0	<0.1	0.06	6	<0.5
TSL 42147	Soil	0.050	9	27	0.66	260	0.084	<1	1.55	0.024	0.14	0.1	0.01	4.4	<0.1	0.08	6	<0.5
TSL 42148	Soil	0.040	15	30	0.56	419	0.075	2	1.74	0.019	0.09	<0.1	0.03	6.6	<0.1	<0.05	6	<0.5
TSL 42149	Soil	0.048	10	15	0.45	251	0.081	2	1.27	0.015	0.26	<0.1	0.02	4.7	0.2	<0.05	6	<0.5
TSL 42150	Soil	0.034	9	21	0.45	323	0.065	2	1.50	0.016	0.17	<0.1	0.05	4.2	0.1	<0.05	5	0.5
TSL 42151	Soil	0.047	12	23	0.47	373	0.061	2	1.49	0.018	0.09	0.1	0.04	5.0	<0.1	<0.05	5	<0.5
TSL 42215	Soil	0.040	15	16	0.24	201	0.039	1	1.14	0.015	0.10	<0.1	0.07	2.2	<0.1	0.08	4	<0.5
TSL 42216	Soil	0.038	13	14	0.40	274	0.055	1	1.19	0.013	0.16	0.1	0.04	3.1	0.1	0.09	4	0.7
TSL 42217	Soil	0.039	13	18	0.39	178	0.053	2	1.34	0.009	0.07	<0.1	0.04	2.8	<0.1	<0.05	5	0.6
TSL 42218	Soil	0.048	13	16	0.36	166	0.057	1	1.10	0.014	0.13	0.1	0.03	2.9	<0.1	<0.05	4	<0.5
TSL 42219	Soil	0.034	12	16	0.32	166	0.047	2	1.12	0.013	0.08	0.1	0.05	2.8	<0.1	<0.05	4	<0.5
TSL 42220	Soil	0.022	19	19	0.44	331	0.081	1	1.40	0.013	0.13	0.2	0.04	3.9	0.1	<0.05	5	<0.5
TSL 42221	Soil	0.018	16	20	0.36	493	0.047	1	1.35	0.013	0.09	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5
TSL 38016	Soil	0.034	7	22	0.52	296	0.076	<1	1.29	0.013	0.08	0.1	0.03	2.9	<0.1	<0.05	4	<0.5
TSL 38017	Soil	0.043	3	17	0.91	295	0.180	<1	1.63	0.018	0.46	<0.1	0.01	2.3	0.1	<0.05	5	<0.5
TSL 38018	Soil	0.021	6	95	0.88	174	0.115	1	1.64	0.013	0.06	0.1	0.01	2.1	<0.1	<0.05	5	<0.5
TSL 38019	Soil	0.053	6	54	0.62	134	0.085	<1	1.18	0.014	0.06	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5
TSL 38020	Soil	0.039	10	36	0.67	280	0.082	<1	1.68	0.015	0.05	<0.1	0.03	3.6	<0.1	<0.05	5	0.8
TSL 38021	Soil	0.025	6	42	0.69	239	0.090	<1	1.70	0.015	0.09	0.1	0.02	3.2	<0.1	<0.05	5	<0.5
TSL 38022	Soil	0.082	4	23	1.27	247	0.252	<1	1.99	0.011	0.29	<0.1	0.02	2.9	<0.1	<0.05	8	<0.5
TSL 40657	Soil	0.024	9	31	0.71	182	0.103	<1	1.96	0.011	0.15	0.1	0.02	3.9	0.1	<0.05	6	<0.5
TSL 40659	Soil	0.022	3	57	1.08	390	0.133	<1	2.04	0.016	0.19	<0.1	0.01	4.6	0.2	<0.05	7	<0.5
TSL 40660	Soil	0.057	20	37	0.94	412	0.162	<1	1.96	0.012	0.50	<0.1	0.04	4.2	0.4	<0.05	6	<0.5
TSL 40666	Soil	0.060	8	35	0.75	405	0.117	1	1.51	0.018	0.18	<0.1	0.04	4.0	<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 27, 2009

Page: 11 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
TSL 39229	Soil				1.4	16.4	26.4	53	<0.1	16.9	8.3	283	3.11	8.4	0.7	1.9	4.1	21	<0.1	0.3	0.2	71	0.27	
TSL 37915	Soil				0.7	83.5	7.4	51	<0.1	17.2	29.2	717	6.13	9.6	1.0	0.8	1.6	54	<0.1	0.2	<0.1	149	0.51	
TSL 42497	Soil				0.8	69.2	16.6	127	0.1	6.8	10.6	450	4.68	2.4	0.7	4.2	2.9	29	<0.1	<0.1	<0.1	122	0.23	
TSL 39287	Soil				1.2	141.8	28.3	74	<0.1	19.7	32.1	477	4.84	40.5	0.6	1.2	1.2	130	0.2	0.4	0.2	135	0.63	
TSL 39289	Soil				0.3	74.8	8.1	76	<0.1	6.8	34.3	447	4.66	14.3	0.4	2.3	0.9	19	<0.1	<0.1	<0.1	149	0.36	
TSL 39293	Soil				0.5	57.3	3.6	101	<0.1	20.0	25.9	592	4.51	8.8	0.8	1.2	2.7	23	<0.1	0.1	<0.1	103	0.31	
TSL 39295	Soil				0.2	29.1	3.4	35	<0.1	64.6	21.6	411	2.56	0.9	0.2	0.8	0.5	21	<0.1	<0.1	<0.1	84	0.36	
TSL 39297	Soil				0.7	42.5	6.5	53	<0.1	19.6	13.3	265	3.07	6.0	0.4	3.2	2.2	14	<0.1	0.2	<0.1	84	0.20	
TSL 39298	Soil				0.7	52.8	5.9	59	<0.1	19.2	14.8	308	3.46	5.9	0.6	4.2	2.8	16	<0.1	0.2	<0.1	105	0.25	
TSL 39301	Soil				0.7	38.4	7.3	51	<0.1	15.0	11.4	235	2.79	5.5	0.7	2.0	2.3	19	0.1	0.2	<0.1	75	0.30	
TSL 40913	Soil				1.5	91.3	7.1	78	<0.1	9.4	15.6	284	4.52	5.9	0.5	3.4	1.7	23	<0.1	0.2	<0.1	90	0.35	
TSL 40914	Soil				1.3	67.5	6.0	69	0.1	17.3	14.8	318	3.92	10.4	0.7	0.7	1.6	19	<0.1	0.3	0.1	100	0.30	
TSL 40916	Soil				0.8	45.0	7.8	55	<0.1	21.1	14.8	276	3.47	7.2	0.7	1.7	3.1	16	<0.1	0.3	0.1	95	0.23	
TSL 40918	Soil				0.8	68.9	12.0	114	<0.1	19.4	14.5	489	4.06	9.5	0.5	3.5	1.7	17	0.1	0.2	<0.1	144	0.25	
TSL 42145	Soil				0.8	66.2	11.0	120	0.2	15.8	10.4	371	3.28	2.4	0.8	2.5	1.7	29	0.2	0.2	0.1	64	0.38	
TSL 45168	Soil				0.5	65.1	17.9	123	<0.1	7.3	22.5	670	4.94	2.2	0.4	2.0	1.1	25	<0.1	0.2	<0.1	112	0.38	
TSL 45169	Soil				0.6	38.9	11.4	63	<0.1	10.1	18.3	727	2.80	4.3	0.6	4.2	2.4	18	0.1	0.2	0.1	75	0.21	
TSL 45170	Soil				0.4	17.5	7.5	63	<0.1	8.4	10.6	278	2.59	3.1	0.4	1.5	1.8	15	<0.1	0.1	<0.1	48	0.30	
TSL 45171	Soil				0.5	56.0	11.4	47	<0.1	13.0	7.7	248	2.14	5.8	0.5	4.0	2.7	20	<0.1	0.3	0.1	43	0.23	
TSL 45172	Soil				0.4	15.2	13.2	57	<0.1	10.0	5.7	184	2.17	4.2	0.5	6.9	2.5	17	0.1	0.2	<0.1	40	0.23	
TSL 45173	Soil				0.7	75.2	24.5	84	<0.1	15.0	8.9	303	2.92	5.8	1.2	1.3	3.3	21	<0.1	0.4	0.2	46	0.21	
TSL 45174	Soil				0.6	41.3	8.5	82	0.1	11.4	6.5	262	2.72	5.4	0.4	3.5	2.3	19	<0.1	0.2	0.1	44	0.25	
TSL 38001	Soil				0.5	73.7	4.5	62	<0.1	12.6	16.4	374	3.67	6.2	0.6	1.1	1.4	20	0.1	0.2	<0.1	106	0.56	
TSL 38002	Soil				0.7	45.6	15.1	81	<0.1	19.8	17.7	316	3.81	6.8	0.5	0.7	2.1	19	0.2	0.4	<0.1	99	0.32	
TSL 38003	Soil				0.4	64.3	3.4	78	<0.1	8.0	16.7	364	3.80	3.9	0.4	1.4	1.0	17	<0.1	0.1	<0.1	113	0.30	
TSL 38004	Soil				0.5	91.4	4.1	36	<0.1	16.5	16.9	274	2.68	12.3	0.2	0.9	1.0	15	<0.1	0.2	<0.1	73	0.34	
TSL 38005	Soil				0.8	46.3	8.0	62	<0.1	26.0	13.0	347	3.34	12.7	0.9	5.7	6.1	26	<0.1	0.6	<0.1	81	0.34	
TSL 38006	Soil				0.6	46.9	8.7	57	<0.1	23.4	13.7	375	3.28	11.3	0.7	1.5	3.0	29	<0.1	0.5	<0.1	87	0.50	
TSL 38007	Soil				0.9	45.6	4.4	50	<0.1	15.2	16.7	382	3.82	8.5	0.2	2.2	0.8	17	<0.1	0.3	<0.1	118	0.39	
TSL 38008	Soil				0.9	38.5	7.8	51	<0.1	13.3	9.3	269	3.52	8.9	0.8	1.8	4.3	17	0.1	0.4	0.1	82	0.16	



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 27, 2009

Page: 11 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN09002998.1

	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 39229	Soil	0.031	12	32	0.48	438	0.080	1	2.04	0.011	0.06	0.1	0.03	4.1	<0.1	<0.05	7	<0.5
TSL 37915	Soil	0.042	10	9	1.89	809	0.185	1	2.60	0.066	0.86	<0.1	0.02	12.4	0.3	0.05	8	1.0
TSL 42497	Soil	0.046	9	9	0.74	457	0.126	<1	1.67	0.024	0.68	<0.1	0.03	9.1	0.5	0.26	7	<0.5
TSL 39287	Soil	0.022	6	16	1.06	320	0.129	2	1.69	0.047	0.08	<0.1	0.02	6.5	<0.1	<0.05	8	<0.5
TSL 39289	Soil	0.039	3	6	1.20	377	0.174	<1	1.90	0.032	1.07	<0.1	0.02	6.1	0.2	<0.05	7	<0.5
TSL 39293	Soil	0.025	12	15	1.21	429	0.236	<1	2.05	0.017	1.04	<0.1	0.01	4.4	0.5	<0.05	5	<0.5
TSL 39295	Soil	0.023	3	226	2.13	374	0.149	<1	1.99	0.023	0.39	<0.1	0.01	3.3	0.1	<0.05	5	<0.5
TSL 39297	Soil	0.023	6	40	0.78	298	0.124	<1	1.74	0.012	0.17	0.1	0.02	3.0	0.1	<0.05	5	<0.5
TSL 39298	Soil	0.028	10	32	0.87	304	0.157	1	1.89	0.013	0.32	<0.1	0.01	3.7	0.2	<0.05	6	<0.5
TSL 39301	Soil	0.043	10	25	0.53	264	0.097	<1	1.57	0.017	0.08	0.1	0.02	4.0	<0.1	<0.05	5	<0.5
TSL 40913	Soil	0.043	6	16	0.92	376	0.132	1	1.88	0.018	0.38	<0.1	0.02	5.4	0.2	<0.05	8	0.7
TSL 40914	Soil	0.037	7	24	0.80	335	0.121	1	1.91	0.016	0.14	<0.1	0.02	4.9	<0.1	<0.05	7	<0.5
TSL 40916	Soil	0.024	10	35	0.75	258	0.086	1	2.01	0.014	0.14	<0.1	0.03	5.4	<0.1	<0.05	6	<0.5
TSL 40918	Soil	0.043	6	36	1.18	258	0.179	<1	2.08	0.016	0.36	<0.1	0.02	4.7	<0.1	<0.05	8	<0.5
TSL 42145	Soil	0.046	15	37	0.91	427	0.102	1	1.70	0.027	0.41	<0.1	0.04	6.3	0.1	0.29	7	0.5
TSL 45168	Soil	0.067	5	9	1.03	280	0.155	<1	2.04	0.027	0.64	<0.1	0.01	6.5	0.1	<0.05	7	<0.5
TSL 45169	Soil	0.033	9	18	0.48	194	0.093	1	1.38	0.015	0.12	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5
TSL 45170	Soil	0.069	6	15	0.64	106	0.077	<1	1.31	0.019	0.10	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5
TSL 45171	Soil	0.022	8	23	0.40	189	0.059	<1	1.36	0.010	0.04	0.1	<0.01	3.3	<0.1	<0.05	4	<0.5
TSL 45172	Soil	0.034	8	17	0.34	129	0.059	<1	1.14	0.010	0.06	0.1	0.02	2.7	<0.1	<0.05	4	<0.5
TSL 45173	Soil	0.017	17	26	0.50	216	0.092	1	1.58	0.013	0.14	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5
TSL 45174	Soil	0.026	7	19	0.42	270	0.073	<1	1.35	0.016	0.08	<0.1	0.02	3.6	<0.1	<0.05	5	<0.5
TSL 38001	Soil	0.049	7	16	0.90	277	0.092	<1	1.57	0.025	0.16	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5
TSL 38002	Soil	0.027	8	40	0.83	242	0.113	<1	1.90	0.021	0.11	0.1	0.02	5.8	<0.1	<0.05	6	0.6
TSL 38003	Soil	0.052	4	8	1.05	376	0.166	<1	1.83	0.018	0.66	<0.1	<0.01	3.1	0.1	<0.05	8	<0.5
TSL 38004	Soil	0.018	4	16	0.88	178	0.107	<1	1.55	0.036	0.21	<0.1	<0.01	4.7	<0.1	<0.05	4	<0.5
TSL 38005	Soil	0.017	15	40	0.77	414	0.121	1	1.89	0.018	0.21	<0.1	0.03	6.7	0.1	<0.05	5	<0.5
TSL 38006	Soil	0.038	12	38	0.77	284	0.108	1	1.87	0.026	0.07	<0.1	0.04	6.3	<0.1	<0.05	6	<0.5
TSL 38007	Soil	0.047	3	23	0.85	333	0.120	<1	1.74	0.036	0.28	<0.1	<0.01	4.4	0.1	<0.05	6	<0.5
TSL 38008	Soil	0.029	11	21	0.73	251	0.104	<1	1.84	0.012	0.28	<0.1	0.01	4.4	0.1	0.05	7	<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 27, 2009

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN09002998.1

	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 40024	Soil		2.1	175.7	5.8	72	0.1	13.1	13.2	303	4.94	5.7	0.5	1.1	0.8	40	0.1	0.2	0.1	98	0.38
REP TSL 40024	QC		1.9	173.2	5.3	67	0.1	12.0	13.1	289	4.81	5.2	0.4	0.8	0.8	40	<0.1	0.2	0.1	91	0.34
TSL 38196	Soil		0.9	42.3	6.0	40	<0.1	17.3	11.9	263	2.95	7.5	0.5	1.0	1.6	18	<0.1	0.2	<0.1	87	0.28
REP TSL 38196	QC		0.9	42.4	5.7	40	<0.1	17.9	12.2	259	2.93	8.0	0.5	2.7	1.8	19	<0.1	0.2	<0.1	85	0.30
TSL 42025	Soil		0.8	13.5	13.1	60	<0.1	11.5	6.1	235	2.55	6.5	0.5	2.1	2.7	15	<0.1	0.3	0.1	39	0.17
REP TSL 42025	QC		0.8	16.0	12.9	60	<0.1	11.8	6.1	237	2.54	6.6	0.5	0.8	2.7	15	<0.1	0.3	0.1	39	0.17
TSL 40448	Soil		1.0	10.4	9.9	67	<0.1	5.2	3.1	277	2.12	3.9	0.3	1.6	0.8	11	0.1	0.4	0.1	39	0.11
REP TSL 40448	QC		0.9	11.5	9.9	66	<0.1	5.7	3.0	288	2.20	4.0	0.4	1.4	0.9	12	0.1	0.4	0.2	40	0.11
TSL 38257	Soil		0.4	159.0	3.1	44	<0.1	30.1	25.4	340	3.01	3.3	0.2	<0.5	0.4	20	<0.1	0.1	<0.1	84	0.39
REP TSL 38257	QC		0.4	155.0	3.2	41	<0.1	31.0	25.0	330	3.02	3.0	0.2	1.4	0.5	20	<0.1	<0.1	<0.1	86	0.38
TSL 38265	Soil		0.7	41.1	4.9	65	<0.1	18.7	15.8	335	3.35	7.2	0.3	<0.5	1.4	17	<0.1	0.2	<0.1	107	0.29
REP TSL 38265	QC		0.6	38.9	4.5	57	<0.1	19.1	15.7	322	3.28	7.3	0.3	2.7	1.4	17	<0.1	0.2	<0.1	108	0.32
TSL 42227	Soil		1.3	251.2	23.5	288	0.2	10.9	12.1	405	3.81	12.4	0.7	5.6	2.7	24	0.3	0.3	0.2	53	0.14
REP TSL 42227	QC		1.4	256.0	24.4	293	0.2	11.4	11.7	397	3.74	12.1	0.7	4.4	2.7	23	0.3	0.3	0.3	53	0.13
TSL 40677	Soil		0.5	54.6	3.0	84	<0.1	12.5	17.7	399	3.99	4.4	0.4	<0.5	2.9	10	<0.1	0.1	<0.1	118	0.24
REP TSL 40677	QC		0.5	57.5	3.2	84	<0.1	12.7	19.1	378	3.81	4.8	0.4	<0.5	2.9	10	<0.1	0.1	<0.1	121	0.22
TSL 40689	Soil		0.9	18.7	6.6	51	<0.1	9.7	8.9	230	2.80	8.2	0.5	2.7	1.5	15	<0.1	0.2	0.1	68	0.23
REP TSL 40689	QC		1.0	20.2	6.6	50	<0.1	10.4	9.1	231	2.81	8.0	0.5	1.6	1.5	15	<0.1	0.2	0.1	69	0.24
TSL 40929	Soil		0.6	36.8	7.5	82	<0.1	17.3	17.5	476	5.18	4.4	0.4	1.8	3.7	26	<0.1	0.2	<0.1	123	0.44
REP TSL 40929	QC		0.7	37.3	7.5	83	<0.1	17.9	17.7	482	5.09	4.9	0.4	0.9	3.9	26	<0.1	0.2	<0.1	122	0.44
TSL 39081	Soil		0.8	34.2	8.8	64	<0.1	25.8	10.9	406	2.44	8.1	0.8	2.2	3.6	37	0.3	0.4	0.1	50	0.99
REP TSL 39081	QC		0.8	37.3	8.9	63	<0.1	27.1	11.7	428	2.55	8.8	0.9	1.6	3.7	39	0.4	0.4	0.1	54	1.04
TSL 40554	Soil		1.4	46.4	31.8	142	0.2	43.1	15.8	661	4.15	12.5	1.6	7.5	7.1	30	0.3	0.3	0.3	61	0.56
REP TSL 40554	QC		1.7	47.6	31.8	139	0.2	42.1	15.8	640	4.12	12.3	1.6	8.0	7.0	29	0.3	0.3	0.3	62	0.55
TSL 38404	Soil		0.3	25.0	7.0	36	<0.1	11.7	5.7	94	1.69	5.5	0.5	3.4	0.6	20	0.1	0.2	0.1	31	0.24
REP TSL 38404	QC		0.3	23.8	6.6	36	<0.1	11.8	5.8	101	1.73	5.5	0.5	<0.5	0.7	21	0.1	0.2	0.1	34	0.26
TSL 42305	Soil		1.1	28.3	28.4	63	0.1	12.4	11.6	365	2.87	5.7	0.6	3.1	2.0	19	<0.1	0.2	0.2	61	0.25
REP TSL 42305	QC		1.1	28.4	28.8	61	0.1	12.1	11.5	362	2.83	5.9	0.6	<0.5	2.0	19	0.1	0.2	0.2	59	0.26



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 27, 2009

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN09002998.1

Method		1DX15	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	Se
Unit		%	ppm	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	0.5
Pulp Duplicates																		
TSL 40024	Soil	0.056	5	18	0.70	218	0.099	<1	1.70	0.071	0.08	<0.1	<0.01	5.4	<0.1	0.20	5	1.6
REP TSL 40024	QC	0.055	4	17	0.65	197	0.091	<1	1.58	0.064	0.08	<0.1	<0.01	5.2	<0.1	0.22	5	1.5
TSL 38196	Soil	0.034	7	27	0.61	235	0.112	<1	1.64	0.019	0.07	0.1	0.01	3.4	<0.1	<0.05	6	<0.5
REP TSL 38196	QC	0.035	7	27	0.61	230	0.115	<1	1.71	0.021	0.07	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5
TSL 42025	Soil	0.009	9	22	0.38	221	0.070	<1	1.33	0.011	0.18	<0.1	<0.01	4.3	0.1	<0.05	5	<0.5
REP TSL 42025	QC	0.010	10	22	0.38	222	0.072	<1	1.34	0.012	0.18	<0.1	<0.01	4.4	<0.1	<0.05	5	<0.5
TSL 40448	Soil	0.036	5	11	0.22	157	0.085	<1	0.93	0.010	0.21	<0.1	0.01	2.7	0.2	<0.05	7	<0.5
REP TSL 40448	QC	0.037	5	11	0.25	153	0.083	<1	0.94	0.010	0.21	<0.1	<0.01	2.6	0.2	<0.05	7	<0.5
TSL 38257	Soil	0.020	2	83	1.44	215	0.144	<1	1.70	0.022	0.40	<0.1	<0.01	5.2	0.4	<0.05	4	<0.5
REP TSL 38257	QC	0.019	2	84	1.55	216	0.141	<1	1.74	0.021	0.41	<0.1	<0.01	5.0	0.3	<0.05	4	<0.5
TSL 38265	Soil	0.052	5	91	1.04	268	0.168	<1	1.83	0.018	0.23	0.1	<0.01	3.0	0.1	<0.05	6	<0.5
REP TSL 38265	QC	0.051	5	88	1.07	273	0.166	<1	1.89	0.020	0.24	0.1	<0.01	3.0	0.1	<0.05	6	<0.5
TSL 42227	Soil	0.023	9	17	0.49	408	0.069	<1	1.77	0.018	0.13	<0.1	0.02	5.1	0.2	<0.05	6	0.6
REP TSL 42227	QC	0.023	10	20	0.48	413	0.068	1	1.73	0.017	0.13	<0.1	0.02	5.2	0.2	<0.05	6	0.6
TSL 40677	Soil	0.043	6	14	1.25	385	0.234	<1	2.18	0.019	0.74	<0.1	<0.01	4.3	0.3	<0.05	7	<0.5
REP TSL 40677	QC	0.042	6	14	1.23	380	0.229	<1	2.20	0.021	0.74	<0.1	<0.01	4.2	0.3	<0.05	7	0.6
TSL 40689	Soil	0.039	6	22	0.53	299	0.088	2	1.53	0.012	0.10	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5
REP TSL 40689	QC	0.039	6	22	0.53	302	0.088	1	1.51	0.013	0.10	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5
TSL 40929	Soil	0.079	7	38	1.30	257	0.064	1	2.26	0.014	0.13	<0.1	<0.01	8.3	<0.1	<0.05	10	<0.5
REP TSL 40929	QC	0.081	7	37	1.29	270	0.065	<1	2.31	0.015	0.13	<0.1	<0.01	8.6	<0.1	<0.05	10	<0.5
TSL 39081	Soil	0.074	12	28	0.71	262	0.080	2	1.19	0.039	0.12	0.1	0.03	3.6	<0.1	<0.05	4	<0.5
REP TSL 39081	QC	0.079	12	30	0.74	273	0.084	2	1.24	0.040	0.12	0.2	0.04	3.7	<0.1	<0.05	4	<0.5
TSL 40554	Soil	0.083	26	50	0.59	359	0.056	3	1.32	0.020	0.23	0.2	0.09	8.9	0.2	<0.05	4	<0.5
REP TSL 40554	QC	0.083	25	48	0.59	347	0.060	3	1.32	0.019	0.23	<0.1	0.12	9.0	0.2	<0.05	4	<0.5
TSL 38404	Soil	0.052	7	23	0.29	168	0.056	1	1.14	0.017	0.05	0.1	0.03	2.2	<0.1	0.08	5	0.7
REP TSL 38404	QC	0.051	7	25	0.31	177	0.059	2	1.13	0.015	0.05	<0.1	0.04	2.2	<0.1	<0.05	5	<0.5
TSL 42305	Soil	0.051	12	24	0.60	282	0.107	2	1.45	0.019	0.22	0.1	0.02	3.6	<0.1	<0.05	7	<0.5
REP TSL 42305	QC	0.048	11	22	0.57	269	0.105	2	1.41	0.020	0.21	0.1	0.02	3.8	<0.1	<0.05	7	<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 27, 2009

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN09002998.1

		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 38021	Soil		0.7	25.7	6.8	40	<0.1	21.0	11.1	291	2.98	7.5	0.4	0.6	1.7	21	<0.1	0.4	<0.1	82	0.35
REP TSL 38021	QC		0.7	27.2	7.0	40	<0.1	21.6	11.2	295	3.04	7.4	0.4	2.6	1.8	21	<0.1	0.3	<0.1	84	0.39
TSL 42497	Soil		0.8	69.2	16.6	127	0.1	6.8	10.6	450	4.68	2.4	0.7	4.2	2.9	29	<0.1	<0.1	<0.1	122	0.23
REP TSL 42497	QC		0.9	67.0	16.1	129	0.2	6.4	10.2	434	4.48	2.6	0.7	6.9	2.8	28	0.2	<0.1	<0.1	117	0.22
TSL 38001	Soil		0.5	73.7	4.5	62	<0.1	12.6	16.4	374	3.67	6.2	0.6	1.1	1.4	20	0.1	0.2	<0.1	106	0.56
REP TSL 38001	QC		0.4	71.3	4.4	60	<0.1	12.0	16.7	370	3.57	5.9	0.6	0.9	1.4	20	<0.1	0.3	<0.1	106	0.56
Reference Materials																					
STD DS7	Standard		23.4	116.0	72.9	420	0.9	63.3	10.9	671	2.53	53.0	5.1	64.5	4.8	84	6.1	6.1	4.8	95	1.05
STD DS7	Standard		23.2	123.9	75.0	422	0.9	64.6	10.5	683	2.55	52.7	5.5	65.1	4.9	82	6.5	6.1	4.7	93	1.01
STD DS7	Standard		19.8	111.4	69.5	378	0.9	55.0	9.4	605	2.36	49.2	4.9	66.4	4.5	71	5.8	4.7	4.0	81	0.93
STD DS7	Standard		20.1	106.8	65.3	383	0.8	55.2	9.2	638	2.39	48.9	4.7	70.0	4.3	69	5.9	4.8	3.8	86	0.91
STD DS7	Standard		24.1	117.9	76.1	426	0.9	61.8	10.0	720	2.65	51.9	5.4	78.2	4.8	86	6.4	6.1	4.9	93	1.06
STD DS7	Standard		20.3	112.1	68.3	387	0.8	56.5	9.1	620	2.31	49.2	4.8	80.7	4.3	65	5.8	4.6	3.7	83	0.91
STD DS7	Standard		21.5	114.2	71.1	398	0.8	58.1	9.8	630	2.44	50.1	5.1	72.3	4.5	65	6.0	4.7	3.7	86	0.95
STD DS7	Standard		19.8	113.3	70.9	403	0.8	60.1	9.4	620	2.43	49.2	5.0	85.7	4.6	67	6.3	6.2	3.8	87	0.93
STD DS7	Standard		19.4	101.0	66.8	367	0.8	53.4	8.9	573	2.22	46.2	4.7	68.3	4.2	59	5.5	4.5	3.6	80	0.87
STD DS7	Standard		22.5	107.6	68.8	409	0.9	60.7	10.6	675	2.63	57.1	4.9	66.4	4.4	76	6.5	5.1	4.8	87	0.98
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
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 27, 2009

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN09002998.1

		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 38021	Soil	0.025	6	42	0.69	239	0.090	<1	1.70	0.015	0.09	0.1	0.02	3.2	<0.1	<0.05	5	<0.5
REP TSL 38021	QC	0.026	6	42	0.70	246	0.094	<1	1.74	0.016	0.09	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5
TSL 42497	Soil	0.046	9	9	0.74	457	0.126	<1	1.67	0.024	0.68	<0.1	0.03	9.1	0.5	0.26	7	<0.5
REP TSL 42497	QC	0.047	8	9	0.71	441	0.122	<1	1.59	0.025	0.64	<0.1	0.02	8.7	0.5	0.24	7	<0.5
TSL 38001	Soil	0.049	7	16	0.90	277	0.092	<1	1.57	0.025	0.16	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5
REP TSL 38001	QC	0.050	7	15	0.87	275	0.097	1	1.59	0.028	0.16	<0.1	0.01	5.6	<0.1	<0.05	6	<0.5
Reference Materials																		
STD DS7	Standard	0.078	15	232	1.10	415	0.140	40	1.14	0.104	0.48	4.0	0.21	2.6	4.3	0.23	5	3.6
STD DS7	Standard	0.079	15	252	1.10	431	0.147	37	1.15	0.104	0.47	4.0	0.20	2.9	4.3	0.20	5	4.8
STD DS7	Standard	0.073	14	204	1.01	422	0.112	38	1.05	0.110	0.45	3.9	0.18	2.6	3.7	0.15	5	2.9
STD DS7	Standard	0.080	13	206	1.00	416	0.114	38	1.03	0.105	0.47	3.7	0.17	2.6	4.0	0.20	5	3.7
STD DS7	Standard	0.082	15	253	1.12	425	0.151	38	1.21	0.114	0.49	3.8	0.21	3.0	4.7	0.26	6	4.4
STD DS7	Standard	0.074	12	201	1.01	402	0.110	38	1.03	0.100	0.44	3.5	0.16	2.4	4.2	0.18	4	3.7
STD DS7	Standard	0.078	13	220	1.06	425	0.119	37	1.09	0.106	0.45	4.4	0.20	2.5	3.9	0.23	5	3.2
STD DS7	Standard	0.075	13	217	1.05	414	0.113	38	1.03	0.096	0.45	4.0	0.21	2.4	4.2	0.20	5	3.5
STD DS7	Standard	0.070	12	194	0.95	390	0.103	34	0.94	0.086	0.41	3.8	0.21	2.2	3.9	0.19	4	3.6
STD DS7	Standard	0.085	13	227	1.12	431	0.114	41	1.11	0.119	0.49	3.8	0.21	2.4	4.3	0.24	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
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