



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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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 24, 2009
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CERTIFICATE OF ANALYSIS

VAN09002973.1

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.



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	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 45189	Soil				0.8	19.4	5.5	86	<0.1	17.2	9.6	349	2.92	5.1	0.4	1.7	1.7	18	<0.1	0.3	0.1	42	0.24	
TSL 45190	Soil				0.9	15.2	8.5	89	<0.1	14.4	9.4	342	3.22	6.9	0.3	3.1	1.5	14	<0.1	0.3	0.1	44	0.17	
TSL 45191	Soil				0.4	9.9	2.3	123	<0.1	3.1	9.2	484	3.26	1.3	0.2	0.7	0.5	18	<0.1	<0.1	<0.1	15	0.26	
TSL 45192	Soil				0.6	15.4	5.6	133	<0.1	5.1	7.8	489	3.28	2.4	0.2	<0.5	0.8	13	<0.1	0.1	<0.1	26	0.24	
TSL 45193	Soil				0.7	18.0	7.5	89	<0.1	9.5	7.4	324	2.77	4.5	0.4	1.5	0.9	17	0.1	0.2	0.1	40	0.19	
TSL 45194	Soil				0.9	38.9	8.4	90	<0.1	7.5	6.1	207	2.86	5.6	0.4	0.9	1.1	17	0.1	0.3	0.1	50	0.18	
TSL 45195	Soil				0.9	53.7	7.8	82	<0.1	7.2	6.2	187	3.36	7.5	0.4	2.2	1.7	16	<0.1	0.4	0.2	50	0.18	
TSL 45196	Soil				0.7	25.6	6.0	63	<0.1	10.1	7.3	249	2.27	4.0	0.4	1.2	2.3	17	<0.1	0.2	<0.1	36	0.21	
TSL 45197	Soil				1.0	30.8	10.5	60	<0.1	15.2	11.2	354	3.22	8.8	0.4	2.7	2.3	17	<0.1	0.4	0.2	63	0.17	
TSL 45198	Soil				0.6	34.8	9.6	85	<0.1	13.6	12.3	477	2.90	4.8	0.5	1.4	2.3	22	<0.1	0.2	0.1	62	0.29	
TSL 45199	Soil				1.0	30.7	14.6	79	<0.1	17.6	11.2	382	3.12	8.6	0.7	3.9	3.3	23	0.2	0.4	0.2	67	0.26	
TSL 40220	Soil				0.6	16.7	6.3	19	<0.1	3.6	1.6	74	0.97	2.3	0.5	3.6	0.2	11	<0.1	0.1	0.1	23	0.06	
TSL 40222	Soil				1.6	24.5	21.9	91	<0.1	12.6	8.0	367	3.34	8.6	0.9	0.9	4.7	11	0.2	0.4	0.3	64	0.10	
TSL 40224	Soil				0.8	25.6	15.8	97	<0.1	14.4	9.2	400	2.92	5.8	1.5	1.5	3.6	19	0.2	0.3	0.2	52	0.19	
TSL 40226	Soil				0.5	20.1	9.4	81	<0.1	11.5	7.4	333	2.81	5.0	0.7	<0.5	3.2	15	0.1	0.3	0.1	51	0.17	
TSL 40227	Soil				0.6	18.1	11.0	76	<0.1	12.4	7.3	299	2.91	5.8	0.7	7.4	2.6	17	<0.1	0.3	0.1	61	0.16	
TSL 40228	Soil				0.7	25.2	11.5	79	<0.1	16.1	8.3	293	2.77	6.8	1.2	1.3	2.9	20	0.2	0.4	0.2	53	0.21	
TSL 40229	Soil				0.7	21.9	11.8	73	<0.1	14.7	7.6	266	2.65	6.5	0.9	2.2	2.3	18	0.2	0.4	0.2	52	0.20	
TSL 40230	Soil				0.7	20.9	15.0	66	<0.1	14.5	8.6	280	2.70	6.5	0.9	0.6	2.4	20	0.1	0.3	0.2	57	0.23	
TSL 40231	Soil				0.6	20.3	14.5	76	<0.1	14.5	9.0	309	2.73	6.0	0.9	2.3	3.3	22	0.1	0.3	0.2	55	0.28	
TSL 40232	Soil				0.9	66.5	27.9	99	0.3	12.3	7.8	267	2.78	8.2	0.8	2.4	2.3	32	0.2	0.3	0.3	58	0.21	
TSL 40233	Soil				1.1	68.9	26.0	142	0.2	15.0	7.5	233	2.87	8.8	1.0	1.2	3.0	26	0.3	0.3	0.3	56	0.24	
TSL 40234	Soil				0.9	63.1	27.6	121	0.2	13.8	8.6	279	2.87	10.0	0.6	10.3	2.7	20	0.3	0.3	0.2	64	0.19	
TSL 40235	Soil				0.9	66.5	10.2	103	<0.1	12.6	11.9	294	2.87	6.8	0.5	<0.5	1.5	22	0.2	0.3	0.1	75	0.25	
TSL 45177	Soil				1.7	22.0	14.5	99	<0.1	10.1	5.5	493	2.81	5.1	0.6	3.0	2.0	14	0.2	0.4	0.2	41	0.14	
TSL 45178	Soil				1.0	31.2	4.0	172	<0.1	11.0	12.6	350	3.79	6.4	0.4	<0.5	1.6	12	0.1	0.2	<0.1	31	0.23	
TSL 45179	Soil				1.8	39.1	21.4	74	0.2	17.3	5.1	215	3.29	7.2	1.6	3.4	3.5	55	<0.1	0.3	0.2	54	0.14	
TSL 45180	Soil				1.0	25.6	21.6	69	0.3	13.5	7.6	247	3.08	8.1	0.6	3.6	2.3	53	<0.1	0.3	0.1	51	0.16	
TSL 45181	Soil				0.7	20.9	10.0	103	<0.1	15.0	7.1	338	2.88	6.1	0.9	0.7	3.1	16	0.2	0.3	0.2	47	0.19	
TSL 45182	Soil				0.9	14.1	8.1	72	<0.1	10.5	6.3	507	2.35	5.3	0.4	0.7	0.9	15	0.2	0.3	0.2	49	0.16	



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	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 45189	Soil	0.057	5	18	0.60	201	0.092	<1	1.61	0.015	0.18	<0.1	0.01	3.3	<0.1	<0.05	5	<0.5
TSL 45190	Soil	0.051	4	21	0.59	247	0.110	1	1.89	0.011	0.31	0.1	0.01	2.8	<0.1	<0.05	6	<0.5
TSL 45191	Soil	0.099	2	5	0.59	293	0.164	<1	1.49	0.009	0.66	<0.1	<0.01	3.0	0.1	<0.05	5	<0.5
TSL 45192	Soil	0.094	4	7	0.51	224	0.120	<1	1.34	0.012	0.37	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5
TSL 45193	Soil	0.051	6	15	0.45	209	0.085	1	1.38	0.013	0.16	0.1	0.02	3.3	<0.1	<0.05	5	0.7
TSL 45194	Soil	0.036	6	13	0.42	175	0.069	<1	1.39	0.015	0.12	<0.1	0.01	3.4	<0.1	<0.05	6	0.5
TSL 45195	Soil	0.031	7	13	0.43	181	0.069	<1	1.37	0.015	0.14	<0.1	0.01	4.1	<0.1	<0.05	6	0.5
TSL 45196	Soil	0.033	7	15	0.36	124	0.071	<1	1.02	0.011	0.09	0.1	<0.01	3.2	<0.1	<0.05	4	<0.5
TSL 45197	Soil	0.025	7	28	0.46	189	0.059	<1	1.91	0.012	0.05	<0.1	0.03	3.3	<0.1	<0.05	6	0.6
TSL 45198	Soil	0.030	10	19	0.59	216	0.106	<1	1.48	0.018	0.17	<0.1	0.01	3.8	<0.1	<0.05	5	0.5
TSL 45199	Soil	0.026	10	32	0.53	239	0.068	<1	1.84	0.017	0.05	0.1	0.02	3.8	<0.1	<0.05	6	0.6
TSL 40220	Soil	0.035	5	10	0.08	142	0.036	<1	0.66	0.014	0.05	<0.1	0.03	0.9	<0.1	<0.05	4	0.5
TSL 40222	Soil	0.036	11	24	0.46	193	0.097	<1	2.09	0.010	0.12	0.1	0.03	4.0	0.1	<0.05	10	<0.5
TSL 40224	Soil	0.045	27	25	0.55	407	0.119	<1	1.85	0.011	0.22	0.2	0.03	4.7	0.1	<0.05	7	0.7
TSL 40226	Soil	0.034	10	22	0.55	217	0.129	<1	1.52	0.010	0.23	0.1	0.02	3.6	<0.1	<0.05	7	<0.5
TSL 40227	Soil	0.031	8	23	0.57	220	0.127	<1	1.58	0.011	0.16	0.1	0.02	3.4	0.1	<0.05	8	0.5
TSL 40228	Soil	0.049	12	27	0.53	367	0.102	<1	1.68	0.011	0.14	0.1	0.03	3.7	0.2	<0.05	7	0.6
TSL 40229	Soil	0.051	10	26	0.47	281	0.086	<1	1.69	0.012	0.10	0.1	0.03	3.1	<0.1	<0.05	7	0.7
TSL 40230	Soil	0.054	11	30	0.50	292	0.095	<1	1.66	0.013	0.09	0.2	0.02	3.4	0.1	<0.05	7	0.7
TSL 40231	Soil	0.058	13	30	0.53	306	0.100	<1	1.54	0.014	0.13	0.2	0.02	3.8	0.1	<0.05	6	<0.5
TSL 40232	Soil	0.046	11	23	0.41	472	0.084	1	1.65	0.014	0.15	0.1	0.03	3.8	0.1	<0.05	7	0.8
TSL 40233	Soil	0.059	14	26	0.45	410	0.092	<1	1.66	0.015	0.20	0.1	0.03	3.9	0.2	<0.05	7	<0.5
TSL 40234	Soil	0.044	10	24	0.49	251	0.103	<1	1.55	0.015	0.14	0.1	0.03	3.3	0.2	<0.05	6	0.6
TSL 40235	Soil	0.036	7	21	0.59	233	0.100	<1	1.53	0.020	0.08	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5
TSL 45177	Soil	0.036	11	18	0.29	139	0.084	<1	1.25	0.012	0.15	0.1	0.01	3.9	<0.1	<0.05	6	0.5
TSL 45178	Soil	0.079	5	15	0.67	206	0.110	<1	2.01	0.012	0.47	<0.1	<0.01	4.9	<0.1	<0.05	7	0.9
TSL 45179	Soil	0.040	16	58	0.50	285	0.085	<1	1.92	0.045	0.21	<0.1	0.04	5.6	0.2	0.23	5	0.8
TSL 45180	Soil	0.026	9	22	0.51	373	0.078	<1	2.04	0.029	0.15	<0.1	0.05	3.5	0.2	0.07	6	0.6
TSL 45181	Soil	0.046	19	24	0.44	156	0.073	1	1.77	0.011	0.09	0.1	0.02	5.2	<0.1	<0.05	6	0.9
TSL 45182	Soil	0.047	9	19	0.25	131	0.053	<1	1.45	0.018	0.05	<0.1	0.02	2.6	<0.1	<0.05	7	<0.5



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	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 45183	Soil			1.0	25.2	12.4	69	<0.1	12.7	7.0	281	2.69	6.8	0.3	<0.5	1.7	14	<0.1	0.3	0.1	54
TSL 45184	Soil			0.8	31.2	35.6	104	<0.1	14.4	13.1	514	3.95	6.7	0.3	<0.5	1.5	18	0.1	0.3	0.2	62
TSL 45185	Soil			0.9	35.7	37.1	54	<0.1	11.9	8.9	271	2.68	6.4	0.3	<0.5	1.4	21	0.1	0.2	0.2	72
TSL 45186	Soil			0.7	36.3	7.0	102	<0.1	12.8	10.2	349	3.75	6.5	0.3	<0.5	1.3	21	<0.1	0.3	<0.1	55
TSL 45187	Soil			0.7	27.1	11.2	116	<0.1	10.6	15.2	649	3.44	3.1	0.2	<0.5	0.9	16	<0.1	0.1	<0.1	45
TSL 45188	Soil			0.5	18.7	3.0	145	<0.1	14.6	12.0	414	3.25	3.6	0.2	<0.5	1.0	13	<0.1	0.2	<0.1	30
TSL 45200	Soil			1.5	50.0	19.6	326	<0.1	16.8	10.0	630	3.63	9.5	0.6	1.6	3.2	24	0.5	0.3	0.3	75
TSL 45201	Soil			2.0	99.1	27.2	297	<0.1	33.7	32.7	794	5.60	11.4	1.0	5.0	2.7	30	0.3	0.3	0.4	123
TSL 45202	Soil			1.7	87.1	36.9	353	<0.1	29.4	30.0	787	5.31	13.8	1.0	3.7	2.9	28	0.4	0.3	0.4	116
TSL 45203	Soil			1.2	32.7	41.1	91	<0.1	19.1	12.3	562	3.42	12.0	0.6	1.7	3.8	22	0.2	0.4	0.3	68
TSL 45204	Soil			1.3	15.2	11.4	59	<0.1	14.4	6.5	255	3.11	12.1	0.5	0.9	1.9	15	0.1	0.5	0.2	70
TSL 45205	Soil			1.0	74.0	5.3	150	<0.1	12.0	18.4	609	6.64	11.7	1.1	<0.5	4.2	19	0.1	0.2	<0.1	169
TSL 45206	Soil			1.1	18.8	11.2	85	<0.1	9.9	8.2	707	3.58	8.0	0.4	1.9	2.1	14	0.2	0.4	0.2	92
TSL 45207	Soil			0.8	32.9	9.4	72	<0.1	22.2	11.0	319	3.19	9.3	0.8	11.9	3.9	25	0.1	0.5	0.2	71
TSL 45208	Soil			0.8	17.4	17.7	67	<0.1	13.5	9.4	463	3.10	6.3	0.5	0.8	3.0	16	0.1	0.3	0.2	59
TSL 42001	Soil			1.3	28.7	17.5	121	0.1	8.3	5.9	265	2.59	5.5	0.6	9.9	1.6	22	0.2	0.2	0.2	44
TSL 42003	Soil			1.1	20.7	21.4	86	<0.1	11.4	6.9	252	2.46	5.1	0.7	4.5	2.1	20	0.2	0.3	0.2	53
TSL 42004	Soil			0.8	22.8	9.8	98	0.1	9.9	8.9	416	2.53	3.2	0.7	1.6	1.3	29	0.2	0.2	0.1	40
TSL 42005	Soil			0.6	21.4	8.9	53	<0.1	5.3	4.0	148	1.53	1.9	0.8	1.3	0.4	20	0.2	0.1	0.1	22
TSL 42006	Soil			1.0	19.0	12.3	80	0.1	9.0	7.4	327	2.38	4.7	0.6	3.1	1.5	23	0.2	0.2	0.1	47
TSL 42007	Soil			0.9	23.7	12.0	94	<0.1	11.0	9.6	452	2.92	6.6	0.6	1.4	2.1	20	0.1	0.2	0.2	55
TSL 42008	Soil			0.7	42.4	8.0	83	<0.1	9.8	8.3	308	3.09	5.7	0.6	1.4	2.3	22	<0.1	0.2	0.1	50
TSL 42009	Soil			0.7	26.4	8.4	85	<0.1	8.5	7.0	277	2.65	4.0	0.6	<0.5	1.3	20	<0.1	0.2	0.1	48
TSL 42010	Soil			0.6	24.8	9.2	94	<0.1	9.5	7.9	332	2.67	4.5	0.6	0.8	1.6	19	0.1	0.2	0.1	52
TSL 42011	Soil			0.4	24.0	6.6	35	<0.1	3.8	2.6	81	0.96	1.7	0.4	<0.5	0.4	16	0.1	0.1	0.1	23
TSL 42012	Soil			0.7	20.7	9.1	70	<0.1	11.7	8.1	297	2.43	5.9	0.6	3.3	1.3	25	0.2	0.2	0.1	57
TSL 42013	Soil			1.7	32.0	15.7	66	0.1	7.8	8.6	510	2.10	7.6	0.7	1.5	1.1	23	0.3	0.2	0.2	49
TSL 42015	Soil			1.2	16.5	11.3	55	0.1	10.8	7.5	451	2.51	5.7	0.6	1.7	2.3	21	<0.1	0.2	0.2	56
TSL 42016	Soil			1.0	24.4	10.4	61	<0.1	17.5	8.1	309	2.76	6.0	1.0	3.8	3.7	33	<0.1	0.3	0.2	53
TSL 42017	Soil			0.9	28.6	16.1	70	0.1	18.6	10.9	502	3.20	7.1	1.2	2.8	4.1	34	0.1	0.3	0.2	60



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	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 45183	Soil	0.047	6	20	0.42	106	0.075	<1	1.50	0.013	0.11	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5
TSL 45184	Soil	0.061	5	22	0.80	276	0.135	<1	2.22	0.016	0.51	0.1	<0.01	4.0	0.1	<0.05	7	0.5
TSL 45185	Soil	0.053	5	22	0.51	142	0.093	<1	1.74	0.022	0.09	0.1	<0.01	3.4	<0.1	<0.05	7	<0.5
TSL 45186	Soil	0.059	5	17	0.61	203	0.084	<1	1.99	0.023	0.17	<0.1	<0.01	5.3	<0.1	<0.05	7	0.7
TSL 45187	Soil	0.103	3	10	0.75	261	0.087	<1	1.89	0.022	0.46	<0.1	<0.01	5.6	<0.1	<0.05	7	0.7
TSL 45188	Soil	0.069	3	12	0.73	247	0.121	<1	1.95	0.011	0.52	<0.1	<0.01	4.2	<0.1	<0.05	6	0.5
TSL 45200	Soil	0.043	12	40	0.97	316	0.106	2	2.11	0.013	0.32	0.1	0.01	5.2	0.2	0.05	8	<0.5
TSL 45201	Soil	0.035	14	96	1.48	687	0.104	3	2.91	0.018	0.21	<0.1	0.02	13.7	0.2	<0.05	9	1.4
TSL 45202	Soil	0.035	13	75	1.28	569	0.092	4	2.75	0.016	0.19	<0.1	0.03	11.6	0.2	<0.05	8	1.1
TSL 45203	Soil	0.038	9	35	0.49	350	0.058	2	1.74	0.014	0.09	0.1	0.02	4.8	<0.1	0.05	6	0.5
TSL 45204	Soil	0.045	9	28	0.39	204	0.060	2	1.81	0.012	0.06	0.1	<0.01	3.0	<0.1	<0.05	7	<0.5
TSL 45205	Soil	0.128	12	14	1.67	535	0.232	<1	3.36	0.021	1.30	<0.1	<0.01	9.0	0.4	<0.05	15	0.6
TSL 45206	Soil	0.055	8	26	0.46	128	0.115	1	1.86	0.012	0.07	0.1	0.01	2.7	<0.1	<0.05	10	<0.5
TSL 45207	Soil	0.043	15	36	0.59	293	0.111	2	2.16	0.016	0.07	0.1	0.01	4.2	<0.1	<0.05	7	<0.5
TSL 45208	Soil	0.050	9	29	0.50	157	0.101	3	1.50	0.011	0.19	0.1	<0.01	4.8	0.1	<0.05	8	<0.5
TSL 42001	Soil	0.047	8	14	0.55	179	0.086	14	1.42	0.015	0.22	0.1	0.02	3.8	0.1	<0.05	6	<0.5
TSL 42003	Soil	0.050	11	22	0.54	189	0.073	2	1.45	0.019	0.09	0.1	0.04	4.2	<0.1	<0.05	6	<0.5
TSL 42004	Soil	0.066	10	18	0.56	292	0.087	2	1.54	0.026	0.13	<0.1	0.03	4.8	<0.1	<0.05	6	<0.5
TSL 42005	Soil	0.054	9	12	0.23	193	0.040	1	0.90	0.017	0.08	<0.1	0.04	3.1	<0.1	<0.05	4	<0.5
TSL 42006	Soil	0.042	10	19	0.43	209	0.085	1	1.37	0.016	0.11	<0.1	0.02	3.7	<0.1	<0.05	6	<0.5
TSL 42007	Soil	0.050	10	23	0.50	183	0.100	<1	1.77	0.015	0.10	0.1	0.02	4.4	<0.1	<0.05	7	<0.5
TSL 42008	Soil	0.042	10	19	0.54	189	0.100	<1	1.71	0.015	0.12	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5
TSL 42009	Soil	0.047	8	17	0.45	148	0.097	2	1.54	0.016	0.12	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5
TSL 42010	Soil	0.043	9	17	0.48	169	0.100	<1	1.53	0.017	0.13	<0.1	0.03	4.0	0.1	<0.05	6	<0.5
TSL 42011	Soil	0.025	8	10	0.09	121	0.038	<1	0.50	0.011	0.05	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5
TSL 42012	Soil	0.053	9	23	0.44	163	0.080	1	1.38	0.019	0.07	0.1	0.03	3.2	<0.1	<0.05	6	<0.5
TSL 42013	Soil	0.058	12	18	0.30	252	0.055	2	1.11	0.021	0.11	<0.1	0.04	3.4	<0.1	0.05	5	0.6
TSL 42015	Soil	0.033	10	21	0.50	254	0.118	2	1.51	0.019	0.15	0.1	0.02	3.5	0.1	<0.05	8	<0.5
TSL 42016	Soil	0.034	22	29	0.51	542	0.082	2	1.73	0.020	0.12	<0.1	0.03	5.2	<0.1	<0.05	7	<0.5
TSL 42017	Soil	0.047	25	33	0.57	511	0.092	2	1.91	0.020	0.12	0.1	0.03	5.9	0.1	<0.05	7	0.6



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	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 42018	Soil			1.0	26.9	14.1	67	<0.1	18.0	9.5	427	3.16	7.6	0.9	1.5	3.6	34	0.1	0.3	0.2	60
TSL 42019	Soil			1.2	25.0	25.8	68	<0.1	21.2	11.8	571	3.20	7.6	1.1	4.6	4.3	36	0.2	0.3	0.3	65
TSL 42020	Soil			1.6	24.5	16.3	65	<0.1	17.6	10.5	446	2.71	6.0	1.3	2.9	3.1	44	0.2	0.4	0.2	60
TSL 39248	Soil			1.0	19.1	19.8	89	<0.1	10.2	7.7	568	3.15	6.6	0.7	1.3	2.1	16	0.1	0.3	0.2	56
TSL 39376	Soil			0.7	17.5	14.6	74	<0.1	12.8	9.0	393	2.68	5.0	1.1	1.7	2.9	19	<0.1	0.2	0.2	60
TSL 39377	Soil			0.6	16.5	18.7	80	<0.1	11.2	5.4	213	2.36	4.7	0.8	1.5	1.7	19	0.1	0.2	0.2	60
TSL 39378	Soil			0.4	15.5	13.7	51	0.1	8.1	3.0	129	1.57	3.2	0.7	1.4	0.8	19	0.1	0.2	0.2	27
TSL 39379	Soil			2.5	15.6	28.9	63	0.2	7.8	3.6	185	1.90	4.4	0.4	8.8	1.2	19	0.2	0.2	0.2	49
TSL 39380	Soil			1.7	17.9	35.0	80	0.2	9.2	4.3	192	2.75	6.7	0.5	5.7	1.8	13	0.2	0.4	0.3	66
TSL 45090	Soil			0.9	27.5	14.0	75	<0.1	14.1	11.3	573	3.36	6.5	0.9	1.9	3.2	26	0.2	0.4	0.2	63
TSL 45091	Soil			0.9	34.6	18.5	66	0.1	11.4	8.5	528	2.69	5.9	1.0	0.6	2.6	25	0.3	0.3	0.2	52
TSL 45092	Soil			0.4	184.1	3.5	282	<0.1	8.4	17.1	819	2.82	4.5	0.3	0.8	0.8	29	0.7	0.1	<0.1	71
TSL 45093	Soil			0.8	31.1	5.6	127	0.1	8.9	7.9	382	2.56	7.6	0.4	1.3	2.1	13	0.4	0.3	0.1	41
TSL 45094	Soil			0.6	67.2	6.7	60	<0.1	15.1	12.2	282	3.06	7.2	0.4	2.5	2.2	17	0.1	0.3	0.1	78
TSL 45095	Soil			0.8	30.7	10.0	85	<0.1	13.0	12.9	479	3.51	6.1	0.6	1.4	2.8	15	0.2	0.3	0.1	74
TSL 45096	Soil			0.7	77.6	10.3	147	<0.1	14.9	12.1	390	3.79	5.5	0.6	<0.5	2.9	18	0.2	0.2	0.1	72
TSL 45097	Soil			1.3	70.5	25.4	95	<0.1	15.4	10.2	356	4.03	8.7	0.6	1.1	3.1	17	0.2	0.3	0.2	98
TSL 45098	Soil			1.0	39.8	31.6	55	0.1	13.6	6.7	249	2.71	5.9	0.6	0.7	2.6	18	0.1	0.3	0.2	69
TSL 40028	Soil			2.0	15.3	8.5	70	0.2	17.2	13.4	653	2.98	6.0	0.4	0.8	2.1	22	0.3	0.4	0.2	63
TSL 40029	Soil			18.5	29.2	13.5	70	0.2	25.7	15.1	661	3.50	7.6	0.4	19.5	2.2	25	0.2	0.5	0.2	82
TSL 40030	Soil			1.9	19.9	8.3	60	<0.1	8.7	5.5	197	2.92	7.9	0.3	1.1	1.8	14	0.1	0.4	0.2	63
TSL 40031	Soil			3.9	108.4	8.0	59	<0.1	10.0	11.0	280	5.70	4.6	0.5	<0.5	1.6	163	<0.1	0.1	0.2	71
TSL 40032	Soil			2.3	83.3	6.4	76	<0.1	7.7	14.5	249	4.66	11.5	0.5	1.6	1.4	17	0.1	0.2	0.1	98
TSL 40033	Soil			1.5	113.8	10.3	83	0.1	21.7	17.0	366	3.78	9.7	0.8	3.8	3.1	21	0.1	0.4	0.1	98
TSL 40034	Soil			1.6	27.0	10.7	54	0.1	12.7	11.3	327	3.36	7.1	0.3	0.8	1.6	13	0.1	0.4	0.2	104
TSL 40035	Soil			1.1	24.8	12.4	90	<0.1	12.4	7.7	332	3.30	8.3	0.4	0.9	2.3	11	<0.1	0.4	0.2	60
TSL 40036	Soil			0.4	74.6	4.4	65	<0.1	21.4	19.2	454	3.60	2.2	0.3	<0.5	1.2	17	<0.1	0.1	<0.1	107
TSL 42097	Soil			0.8	20.4	6.1	99	<0.1	10.1	10.3	359	3.32	4.2	0.4	1.2	1.5	21	<0.1	0.2	0.1	57
TSL 42098	Soil			0.8	27.9	8.0	74	0.1	9.7	7.1	203	2.46	4.0	0.6	1.0	1.5	18	<0.1	0.2	0.1	47
TSL 42099	Soil			0.8	28.2	9.0	123	<0.1	8.9	10.7	518	3.03	3.5	0.7	1.2	1.8	19	0.2	0.2	0.1	55



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	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 42018	Soil	0.041	21	28	0.58	524	0.097	2	1.74	0.018	0.16	0.1	0.03	4.9	0.1	<0.05	7	<0.5
TSL 42019	Soil	0.047	26	53	0.61	652	0.106	2	1.98	0.025	0.17	0.2	0.03	5.4	0.1	<0.05	7	<0.5
TSL 42020	Soil	0.052	20	33	0.52	593	0.082	2	1.78	0.024	0.09	0.1	0.04	5.5	<0.1	<0.05	6	0.6
TSL 39248	Soil	0.038	10	22	0.36	188	0.072	2	1.35	0.014	0.08	<0.1	0.02	5.1	<0.1	<0.05	7	<0.5
TSL 39376	Soil	0.054	11	26	0.61	189	0.083	2	1.82	0.016	0.06	0.2	0.03	4.1	0.1	<0.05	7	<0.5
TSL 39377	Soil	0.046	10	25	0.64	134	0.085	2	1.45	0.014	0.05	0.1	0.02	3.6	0.1	<0.05	6	<0.5
TSL 39378	Soil	0.042	10	20	0.34	134	0.054	1	1.02	0.016	0.05	0.1	0.04	2.5	<0.1	0.05	5	<0.5
TSL 39379	Soil	0.030	7	17	0.26	211	0.058	2	1.32	0.013	0.07	0.1	0.04	3.1	<0.1	<0.05	7	<0.5
TSL 39380	Soil	0.032	9	20	0.25	175	0.075	1	1.54	0.014	0.05	0.1	0.02	4.0	0.1	<0.05	8	<0.5
TSL 45090	Soil	0.031	17	24	0.46	772	0.037	1	1.88	0.016	0.13	0.1	0.06	6.8	<0.1	<0.05	6	<0.5
TSL 45091	Soil	0.030	18	21	0.37	588	0.050	2	1.53	0.016	0.12	<0.1	0.03	6.4	<0.1	<0.05	6	0.7
TSL 45092	Soil	0.031	4	9	0.90	185	0.118	1	1.65	0.045	0.17	<0.1	<0.01	4.4	<0.1	<0.05	5	<0.5
TSL 45093	Soil	0.018	6	16	0.43	283	0.063	<1	1.34	0.014	0.19	0.1	0.01	4.2	<0.1	<0.05	5	<0.5
TSL 45094	Soil	0.017	7	23	0.65	180	0.084	1	1.80	0.024	0.09	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5
TSL 45095	Soil	0.021	8	21	0.57	221	0.095	1	1.90	0.019	0.17	0.1	0.02	5.1	<0.1	<0.05	6	<0.5
TSL 45096	Soil	0.034	10	28	0.78	242	0.053	2	1.83	0.017	0.11	<0.1	0.02	5.8	<0.1	<0.05	6	0.5
TSL 45097	Soil	0.095	8	34	0.83	267	0.124	<1	1.99	0.015	0.16	<0.1	0.03	4.4	<0.1	<0.05	8	<0.5
TSL 45098	Soil	0.024	12	30	0.39	330	0.076	1	1.64	0.016	0.06	<0.1	0.02	3.3	<0.1	<0.05	7	<0.5
TSL 40028	Soil	0.028	7	29	0.48	520	0.066	<1	1.73	0.015	0.10	0.1	0.02	2.7	<0.1	<0.05	6	<0.5
TSL 40029	Soil	0.021	7	52	0.74	330	0.057	<1	2.05	0.014	0.09	0.1	0.04	5.8	<0.1	<0.05	7	<0.5
TSL 40030	Soil	0.064	6	19	0.35	153	0.097	<1	1.38	0.013	0.14	0.1	0.01	2.3	<0.1	<0.05	7	<0.5
TSL 40031	Soil	0.064	12	24	1.06	332	0.178	<1	1.95	0.025	0.78	<0.1	0.01	9.3	0.1	0.59	10	0.8
TSL 40032	Soil	0.123	9	13	0.93	262	0.149	<1	1.74	0.024	0.36	<0.1	0.01	4.8	<0.1	0.10	8	0.6
TSL 40033	Soil	0.030	12	38	0.73	351	0.113	<1	2.30	0.024	0.08	<0.1	0.03	5.5	<0.1	<0.05	6	0.9
TSL 40034	Soil	0.041	7	23	0.52	214	0.121	1	1.55	0.018	0.11	0.1	0.01	2.9	<0.1	<0.05	7	<0.5
TSL 40035	Soil	0.036	7	24	0.38	194	0.103	<1	1.74	0.011	0.20	0.1	0.01	7.3	<0.1	<0.05	7	<0.5
TSL 40036	Soil	0.041	4	41	1.27	187	0.230	<1	2.03	0.028	0.46	<0.1	0.02	3.2	0.1	<0.05	7	<0.5
TSL 42097	Soil	0.042	7	18	0.59	213	0.113	<1	1.68	0.019	0.15	<0.1	0.01	4.5	<0.1	<0.05	7	<0.5
TSL 42098	Soil	0.033	8	19	0.42	219	0.100	<1	1.56	0.023	0.11	0.1	0.04	4.1	<0.1	<0.05	6	<0.5
TSL 42099	Soil	0.043	10	19	0.51	208	0.111	1	1.67	0.019	0.24	<0.1	0.03	4.4	<0.1	<0.05	6	<0.5



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	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 42100	Soil		0.6	40.9	10.2	176	<0.1	9.3	8.8	376	3.10	3.6	0.5	2.4	1.4	16	0.2	0.2	0.1	67	0.23
TSL 42101	Soil		0.9	22.1	8.5	58	<0.1	12.9	12.5	724	2.58	6.9	0.5	9.5	1.3	24	0.3	0.3	0.1	81	0.32
TSL 42102	Soil		1.1	45.9	19.2	105	0.1	16.8	14.5	1034	3.36	7.9	1.2	5.3	3.6	28	0.3	0.3	0.2	68	0.35
TSL 42103	Soil		1.2	25.6	12.8	75	0.1	10.5	8.7	501	2.50	5.1	0.5	1.3	1.8	18	0.2	0.2	0.1	52	0.25
TSL 42104	Soil		1.1	37.3	19.1	127	0.1	18.7	10.8	456	3.20	8.1	0.8	2.1	2.8	27	0.2	0.3	0.2	68	0.40
TSL 42105	Soil		0.7	27.7	11.4	90	<0.1	18.4	10.3	537	2.67	6.5	0.6	<0.5	3.4	18	0.1	0.2	0.1	54	0.27
TSL 42106	Soil		1.0	31.4	10.0	72	0.1	13.2	9.2	325	3.28	5.1	0.8	1.2	3.3	23	<0.1	0.2	0.2	73	0.33
TSL 42107	Soil		0.8	23.1	8.5	58	<0.1	14.8	9.1	368	2.93	6.2	0.8	1.0	3.6	22	<0.1	0.2	0.1	62	0.31
TSL 42108	Soil		0.9	22.7	11.6	61	<0.1	18.5	11.7	439	3.34	7.2	0.8	0.8	4.0	28	<0.1	0.3	0.2	69	0.44
TSL 42109	Soil		0.8	23.8	11.7	68	<0.1	14.5	10.6	510	3.08	5.6	0.8	1.3	4.5	24	0.1	0.2	0.1	57	0.36
TSL 42110	Soil		1.2	18.2	17.8	56	<0.1	17.2	8.9	326	2.98	6.6	0.6	1.1	2.9	25	0.1	0.2	0.2	64	0.32
TSL 42111	Soil		1.4	26.8	12.1	60	<0.1	19.9	9.6	375	3.22	6.1	1.0	0.8	3.7	27	<0.1	0.3	0.2	66	0.43
TSL 42112	Soil		0.8	24.0	12.0	63	<0.1	23.8	10.8	464	2.93	4.8	1.3	2.9	3.9	33	0.1	0.3	0.1	56	0.61
TSL 40236	Soil		1.4	18.3	10.6	59	<0.1	19.1	10.9	454	3.28	9.6	0.6	1.6	2.5	18	0.1	0.4	0.2	71	0.23
TSL 42053	Soil		0.5	13.5	3.4	117	<0.1	8.2	9.5	451	3.32	3.2	0.2	<0.5	1.0	15	<0.1	0.1	<0.1	48	0.20
TSL 42054	Soil		0.5	17.2	5.5	99	<0.1	12.4	9.9	382	3.37	4.6	0.4	1.9	2.1	20	<0.1	0.3	<0.1	60	0.27
TSL 42055	Soil		0.7	46.4	6.8	86	<0.1	12.1	12.1	449	3.00	4.2	0.7	2.4	1.4	24	0.3	0.2	0.1	57	0.34
TSL 42056	Soil		0.7	26.8	6.6	77	<0.1	10.1	8.5	306	2.74	5.6	0.4	1.7	1.7	20	0.1	0.2	0.1	56	0.24
TSL 42057	Soil		0.7	38.5	9.0	69	<0.1	13.6	9.0	357	2.68	6.1	0.9	4.4	2.9	23	0.1	0.2	0.2	52	0.29
TSL 42058	Soil		0.8	27.7	9.1	83	<0.1	12.8	7.7	324	2.72	6.6	0.6	2.4	2.4	18	0.2	0.2	0.1	55	0.27
TSL 42059	Soil		1.2	99.9	32.0	331	<0.1	17.6	17.8	652	4.94	7.1	0.5	1.9	2.4	22	0.4	0.2	0.2	91	0.33
TSL 42060	Soil		0.8	108.5	75.8	299	<0.1	11.5	13.9	520	4.45	9.8	0.5	1.3	2.3	23	0.3	0.2	0.2	84	0.40
TSL 42061	Soil		1.3	72.7	21.6	243	<0.1	21.5	14.3	500	4.54	5.6	0.7	2.0	3.1	26	0.3	0.2	0.2	89	0.41
TSL 42062	Soil		1.2	43.8	20.6	110	<0.1	21.4	16.4	458	3.58	13.0	0.8	5.3	3.8	22	0.1	0.4	0.2	76	0.28
TSL 42063	Soil		1.8	36.0	10.2	49	<0.1	13.4	8.7	477	3.24	10.5	0.5	2.8	2.4	14	<0.1	0.3	0.2	64	0.17
TSL 42064	Soil		1.4	17.6	13.3	61	<0.1	14.9	9.0	332	3.43	17.4	0.5	2.9	2.3	17	<0.1	0.4	0.2	70	0.24
TSL 42065	Soil		1.2	21.6	12.4	63	<0.1	19.2	11.8	526	3.77	10.4	0.5	1.6	2.3	14	0.2	0.4	0.2	78	0.17
TSL 42066	Soil		1.7	13.4	12.7	49	<0.1	10.7	8.9	550	2.81	6.9	0.3	1.4	1.8	14	0.1	0.4	0.2	66	0.18
TSL 42067	Soil		0.8	19.2	9.0	68	<0.1	16.8	10.4	458	3.26	7.8	0.5	1.8	3.4	14	<0.1	0.3	0.1	61	0.18
TSL 39464	Soil		1.2	22.1	23.8	89	0.2	7.6	4.7	219	2.54	7.5	0.6	2.7	2.5	17	0.2	0.2	0.2	51	0.12



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	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 42100	Soil	0.055	6	16	0.61	196	0.141	1	1.72	0.018	0.40	0.1	0.03	3.8	0.1	<0.05	7	0.5
TSL 42101	Soil	0.048	10	27	0.45	216	0.079	2	1.30	0.025	0.06	0.2	0.04	3.1	<0.1	0.06	5	<0.5
TSL 42102	Soil	0.044	18	38	0.61	499	0.087	2	2.18	0.022	0.10	0.1	0.04	5.8	<0.1	<0.05	7	0.6
TSL 42103	Soil	0.041	8	22	0.39	213	0.087	1	1.28	0.020	0.15	0.2	0.03	3.6	<0.1	0.05	5	<0.5
TSL 42104	Soil	0.037	15	41	0.72	392	0.094	1	1.74	0.018	0.12	0.1	0.02	5.0	<0.1	<0.05	6	<0.5
TSL 42105	Soil	0.040	12	35	0.73	247	0.112	1	1.46	0.015	0.28	0.1	0.01	3.7	<0.1	<0.05	7	<0.5
TSL 42106	Soil	0.028	15	25	0.81	387	0.141	1	1.61	0.017	0.21	0.1	0.03	4.3	<0.1	<0.05	9	<0.5
TSL 42107	Soil	0.026	15	27	0.65	316	0.118	1	1.62	0.018	0.16	0.1	0.02	3.9	<0.1	<0.05	7	<0.5
TSL 42108	Soil	0.030	12	36	0.68	272	0.105	2	1.82	0.023	0.10	0.1	0.02	4.2	<0.1	<0.05	7	<0.5
TSL 42109	Soil	0.044	16	25	0.57	380	0.115	2	1.62	0.021	0.24	0.1	0.03	4.5	<0.1	<0.05	6	<0.5
TSL 42110	Soil	0.027	13	30	0.50	418	0.084	3	2.01	0.023	0.16	0.1	0.03	3.6	<0.1	<0.05	7	<0.5
TSL 42111	Soil	0.036	21	38	0.50	583	0.089	2	1.96	0.022	0.16	0.1	0.03	4.9	<0.1	<0.05	7	<0.5
TSL 42112	Soil	0.050	20	53	0.66	582	0.089	2	1.71	0.023	0.15	0.1	0.03	5.2	<0.1	<0.05	6	<0.5
TSL 40236	Soil	0.041	9	34	0.44	351	0.042	4	2.20	0.015	0.09	0.1	0.02	4.0	<0.1	<0.05	6	<0.5
TSL 42053	Soil	0.038	4	13	0.69	212	0.168	<1	1.75	0.011	0.57	0.1	0.01	3.1	<0.1	<0.05	7	<0.5
TSL 42054	Soil	0.041	8	23	0.62	177	0.127	1	1.92	0.016	0.22	0.1	0.02	4.7	<0.1	<0.05	7	<0.5
TSL 42055	Soil	0.062	10	19	0.52	263	0.076	1	1.62	0.023	0.12	0.1	0.03	6.0	<0.1	0.06	5	<0.5
TSL 42056	Soil	0.034	8	18	0.47	185	0.090	<1	1.41	0.020	0.07	0.1	0.02	3.7	<0.1	<0.05	6	<0.5
TSL 42057	Soil	0.041	12	22	0.50	296	0.068	2	1.50	0.016	0.08	0.1	0.05	4.4	<0.1	<0.05	5	0.6
TSL 42058	Soil	0.035	10	19	0.53	325	0.082	1	1.39	0.013	0.12	0.1	0.02	3.5	<0.1	<0.05	5	<0.5
TSL 42059	Soil	0.073	8	35	1.29	416	0.110	<1	2.28	0.015	0.45	<0.1	0.02	7.3	0.2	<0.05	9	<0.5
TSL 42060	Soil	0.064	8	12	1.16	576	0.066	2	2.07	0.012	0.46	<0.1	0.02	5.8	0.2	<0.05	8	<0.5
TSL 42061	Soil	0.048	12	55	1.47	416	0.084	1	2.32	0.021	0.22	<0.1	0.02	7.0	0.1	0.05	9	0.9
TSL 42062	Soil	0.025	16	43	0.70	526	0.070	2	1.91	0.017	0.06	0.1	0.02	5.8	<0.1	<0.05	6	0.8
TSL 42063	Soil	0.033	9	24	0.60	313	0.072	2	1.49	0.015	0.18	0.1	0.02	3.3	<0.1	<0.05	7	<0.5
TSL 42064	Soil	0.041	11	29	0.40	356	0.044	2	1.62	0.011	0.08	0.1	0.02	3.4	<0.1	<0.05	6	<0.5
TSL 42065	Soil	0.041	8	31	0.55	307	0.056	3	1.71	0.011	0.11	0.1	0.03	3.6	0.1	<0.05	7	<0.5
TSL 42066	Soil	0.026	10	21	0.26	273	0.055	1	1.23	0.012	0.09	0.1	0.03	2.5	<0.1	<0.05	6	<0.5
TSL 42067	Soil	0.045	10	28	0.49	239	0.057	4	1.71	0.015	0.08	0.1	0.03	3.7	<0.1	<0.05	6	<0.5
TSL 39464	Soil	0.034	9	16	0.36	134	0.067	1	1.37	0.017	0.12	<0.1	0.03	3.1	<0.1	0.06	7	<0.5



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	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 39465	Soil		0.5	78.2	40.8	117	0.1	10.4	19.2	538	3.62	3.8	0.5	2.1	1.1	23	0.2	0.2	0.2	107	0.30
TSL 39466	Soil		0.5	22.8	12.9	80	<0.1	7.5	7.3	195	2.08	2.7	0.3	3.5	1.0	18	0.1	0.2	<0.1	57	0.21
TSL 39467	Soil		0.2	6.4	20.1	36	<0.1	4.1	2.5	117	1.23	2.0	0.1	0.7	0.6	27	<0.1	0.1	<0.1	15	0.23
TSL 39468	Soil		0.9	16.2	17.7	71	<0.1	14.0	7.2	247	2.93	7.5	0.5	1.7	1.8	15	<0.1	0.3	0.2	55	0.17
TSL 39469	Soil		0.8	15.0	12.0	71	<0.1	9.8	8.6	407	2.59	5.5	0.4	5.4	1.4	19	<0.1	0.3	0.1	42	0.20
TSL 39470	Soil		0.3	22.3	54.4	74	<0.1	7.6	5.5	237	2.69	3.7	0.3	0.7	1.8	18	<0.1	0.2	0.4	21	0.23
TSL 39471	Soil		0.5	15.4	5.2	119	<0.1	7.3	5.6	412	3.48	4.0	0.4	<0.5	1.5	17	<0.1	0.3	<0.1	20	0.16
TSL 39472	Soil		0.8	18.0	6.4	58	<0.1	11.3	6.6	237	2.57	6.0	0.5	2.2	1.8	18	<0.1	0.3	0.1	51	0.18
TSL 39473	Soil		0.7	35.5	6.2	66	<0.1	10.6	10.5	254	2.94	5.4	0.3	1.5	1.3	19	<0.1	0.3	<0.1	79	0.25
TSL 39474	Soil		0.7	52.4	8.1	82	<0.1	11.9	9.6	352	3.00	5.2	0.4	2.9	2.0	18	<0.1	0.3	0.1	68	0.21
TSL 39475	Soil		0.5	35.6	5.4	108	<0.1	7.3	9.6	366	3.41	3.7	0.3	1.4	1.2	13	<0.1	0.2	<0.1	66	0.24
TSL 39476	Soil		0.5	28.3	7.1	74	<0.1	10.5	8.1	377	2.51	3.8	0.5	2.3	1.9	19	<0.1	0.2	<0.1	50	0.25
TSL 39477	Soil		0.7	28.0	8.0	96	<0.1	9.8	12.2	463	3.50	5.1	0.3	<0.5	1.0	31	<0.1	0.2	<0.1	59	0.27
TSL 39478	Soil		0.8	24.3	15.5	65	<0.1	13.4	8.7	313	2.92	6.3	0.3	6.0	1.5	18	<0.1	0.3	0.2	60	0.18
TSL 39479	Soil		0.7	19.8	11.1	69	<0.1	14.5	9.6	359	2.76	5.9	0.5	13.5	2.3	19	<0.1	0.3	0.1	52	0.24
TSL 40501	Soil		0.3	118.7	5.9	77	<0.1	21.4	24.1	691	5.21	3.3	0.5	3.9	1.2	23	<0.1	0.2	<0.1	134	0.45
TSL 40502	Soil		0.4	38.9	2.7	72	<0.1	8.4	18.7	423	4.22	2.8	0.3	1.4	0.8	27	<0.1	0.3	<0.1	156	0.48
TSL 40503	Soil		0.5	45.9	5.4	66	<0.1	11.3	16.0	324	4.27	4.5	0.3	<0.5	0.8	28	<0.1	0.2	<0.1	128	0.45
TSL 40518	Soil		0.9	13.2	19.7	35	<0.1	6.1	12.7	234	3.47	2.6	0.4	1.5	2.1	15	<0.1	0.2	0.2	57	0.13
TSL 40519	Soil		0.5	25.5	4.9	32	<0.1	20.8	12.9	287	2.91	6.1	0.3	1.7	1.4	14	<0.1	0.3	<0.1	87	0.34
TSL 40520	Soil		0.4	24.8	2.9	22	<0.1	51.5	10.1	113	1.66	3.6	0.2	1.1	0.9	6	<0.1	0.1	<0.1	46	0.13
TSL 40521	Soil		0.4	65.0	5.2	57	<0.1	53.6	19.6	342	3.99	3.5	0.3	35.8	1.9	22	<0.1	0.2	<0.1	125	0.33
TSL 40522	Soil		0.6	33.4	3.3	43	<0.1	20.8	19.2	414	4.12	4.7	0.4	<0.5	1.4	11	<0.1	0.2	<0.1	146	0.24
TSL 40523	Soil		0.5	59.3	5.0	60	<0.1	23.9	15.1	306	3.39	5.5	0.5	4.5	1.9	15	<0.1	0.3	<0.1	104	0.25
TSL 40524	Soil		0.5	50.5	4.2	54	<0.1	24.0	14.3	289	3.15	5.3	0.3	<0.5	1.8	13	<0.1	0.3	<0.1	89	0.24
TSL 40525	Soil		0.6	56.7	17.5	98	<0.1	21.7	14.0	363	3.35	5.8	0.6	0.6	3.3	23	0.1	0.2	0.3	81	0.39
TSL 40526	Soil		0.7	39.2	8.7	66	<0.1	20.5	11.5	246	2.80	8.0	0.8	1.1	2.4	26	0.2	0.4	0.2	72	0.36
TSL 40527	Soil		0.6	36.8	7.0	64	<0.1	17.7	11.8	277	2.80	6.4	0.8	3.4	2.4	23	0.2	0.3	0.1	67	0.41
TSL 40528	Soil		0.6	32.9	9.2	92	<0.1	15.1	12.0	336	3.25	6.4	0.7	2.8	2.8	18	0.2	0.4	0.1	70	0.28
TSL 40529	Soil		0.6	33.1	7.9	63	<0.1	21.8	11.7	372	2.80	9.0	1.0	1.9	3.2	30	0.2	0.5	0.1	66	0.51



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	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	0.01	0.01	0.1	0.01	0.05	1	0.5
TSL 39465	Soil	0.033	6	15	0.96	235	0.118	1	1.96	0.025	0.30	<0.1	0.03	4.7	0.3	<0.05	7	0.5
TSL 39466	Soil	0.024	5	10	0.43	77	0.076	<1	1.12	0.018	0.06	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5
TSL 39467	Soil	0.033	2	7	0.19	51	0.035	<1	0.72	0.005	0.07	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5
TSL 39468	Soil	0.047	8	25	0.42	167	0.057	<1	1.76	0.011	0.06	0.1	0.03	3.1	<0.1	<0.05	6	0.7
TSL 39469	Soil	0.040	6	16	0.40	124	0.052	<1	1.15	0.014	0.07	<0.1	<0.01	3.2	<0.1	<0.05	5	<0.5
TSL 39470	Soil	0.018	3	11	0.32	136	0.032	1	1.22	0.016	0.14	<0.1	<0.01	6.6	<0.1	<0.05	5	<0.5
TSL 39471	Soil	0.021	4	10	0.39	133	0.043	2	1.34	0.011	0.19	<0.1	0.02	8.0	<0.1	<0.05	6	<0.5
TSL 39472	Soil	0.017	7	20	0.39	157	0.080	1	1.30	0.015	0.09	0.1	0.02	3.2	<0.1	<0.05	5	0.6
TSL 39473	Soil	0.020	4	18	0.60	136	0.081	1	1.58	0.022	0.06	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5
TSL 39474	Soil	0.021	7	21	0.61	167	0.100	1	1.78	0.017	0.13	<0.1	0.01	3.6	<0.1	<0.05	6	0.5
TSL 39475	Soil	0.042	4	12	0.56	152	0.086	<1	1.60	0.021	0.26	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5
TSL 39476	Soil	0.035	9	17	0.49	173	0.094	1	1.33	0.018	0.16	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
TSL 39477	Soil	0.053	4	16	0.74	226	0.147	1	1.91	0.014	0.33	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5
TSL 39478	Soil	0.027	6	23	0.58	110	0.096	1	1.58	0.011	0.11	0.1	0.02	2.3	<0.1	<0.05	6	0.5
TSL 39479	Soil	0.040	8	24	0.57	203	0.069	2	1.61	0.013	0.06	<0.1	0.02	3.5	<0.1	<0.05	5	0.6
TSL 40501	Soil	0.043	6	30	1.51	252	0.066	<1	2.25	0.026	0.16	<0.1	0.02	10.9	<0.1	<0.05	8	0.7
TSL 40502	Soil	0.076	2	9	0.93	244	0.192	<1	1.87	0.019	0.47	<0.1	0.01	4.4	0.2	<0.05	7	<0.5
TSL 40503	Soil	0.077	3	14	0.95	202	0.130	1	2.02	0.028	0.10	<0.1	<0.01	3.9	<0.1	<0.05	8	0.6
TSL 40518	Soil	0.018	6	11	0.85	443	0.184	<1	1.78	0.011	0.59	<0.1	<0.01	3.4	0.1	<0.05	7	<0.5
TSL 40519	Soil	0.054	4	24	0.72	229	0.118	<1	1.66	0.023	0.14	<0.1	<0.01	3.1	<0.1	<0.05	6	<0.5
TSL 40520	Soil	0.016	3	91	0.88	86	0.113	<1	1.52	0.014	0.05	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5
TSL 40521	Soil	0.033	14	112	1.67	301	0.186	<1	2.46	0.017	0.24	<0.1	<0.01	5.2	0.1	<0.05	9	<0.5
TSL 40522	Soil	0.071	4	21	1.27	179	0.212	<1	2.18	0.018	0.66	<0.1	<0.01	4.2	0.2	<0.05	8	<0.5
TSL 40523	Soil	0.058	7	41	1.01	254	0.161	1	2.18	0.015	0.38	<0.1	<0.01	3.5	0.1	<0.05	7	0.5
TSL 40524	Soil	0.045	6	65	0.91	215	0.137	1	1.95	0.014	0.23	<0.1	<0.01	3.0	0.1	<0.05	6	<0.5
TSL 40525	Soil	0.060	9	56	1.06	247	0.131	<1	1.88	0.020	0.54	<0.1	0.01	3.8	0.2	<0.05	6	<0.5
TSL 40526	Soil	0.055	11	35	0.75	251	0.095	<1	1.92	0.019	0.13	0.1	0.03	3.9	<0.1	<0.05	6	<0.5
TSL 40527	Soil	0.066	12	28	0.67	301	0.095	<1	1.56	0.019	0.18	0.2	0.02	4.1	0.1	<0.05	5	<0.5
TSL 40528	Soil	0.059	10	26	0.71	226	0.108	<1	1.62	0.018	0.32	0.2	0.01	4.5	0.2	<0.05	6	<0.5
TSL 40529	Soil	0.086	12	29	0.61	240	0.093	2	1.37	0.029	0.09	0.3	0.02	3.5	<0.1	<0.05	5	<0.5



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	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 40530	Soil		0.9	20.6	8.3	58	<0.1	15.9	11.1	376	2.50	7.8	0.6	1.7	1.9	23	0.2	0.4	0.2	59	0.30	
TSL 40531	Soil		0.8	40.8	11.5	83	<0.1	17.3	11.7	325	3.30	7.7	0.8	2.0	3.6	22	0.1	0.3	0.1	71	0.34	
TSL 40555	Soil		0.3	47.7	2.5	52	<0.1	6.5	17.8	314	4.08	3.0	0.2	<0.5	0.6	26	<0.1	0.2	<0.1	124	0.50	
TSL 40715	Soil		0.4	41.3	3.6	69	<0.1	8.7	15.5	306	3.99	3.8	0.3	<0.5	1.3	11	<0.1	0.1	<0.1	125	0.21	
TSL 40716	Soil		0.8	40.1	6.0	57	<0.1	18.7	16.4	304	3.80	7.8	1.0	1.4	2.9	27	<0.1	0.4	0.1	105	0.36	
TSL 40717	Soil		1.7	56.5	8.1	105	<0.1	28.7	15.3	301	4.49	27.9	1.2	2.4	6.7	24	<0.1	0.3	0.2	104	0.39	
TSL 40718	Soil		2.1	45.7	15.8	104	<0.1	41.7	16.8	208	4.06	45.1	1.7	6.1	13.1	20	<0.1	0.4	0.2	79	0.27	
TSL 40719	Soil		0.6	36.1	3.2	81	<0.1	6.7	23.2	752	5.43	4.4	0.3	<0.5	1.6	28	<0.1	0.3	<0.1	159	0.22	
TSL 40720	Soil		1.4	53.7	7.0	101	<0.1	27.4	14.7	238	4.33	8.3	0.6	<0.5	5.4	12	<0.1	0.4	0.2	71	0.11	
TSL 40721	Soil		0.6	62.7	2.9	75	<0.1	17.7	27.2	802	4.82	2.9	0.2	<0.5	0.8	24	<0.1	0.2	<0.1	128	0.32	
TSL 40722	Soil		1.0	26.6	7.0	77	<0.1	19.8	13.9	323	3.67	8.5	0.4	3.0	2.3	16	<0.1	0.4	0.1	75	0.17	
TSL 40723	Soil		0.8	27.8	7.1	89	<0.1	17.7	10.5	322	3.16	6.1	0.6	1.2	2.9	24	<0.1	0.3	0.1	67	0.30	
TSL 40724	Soil		1.0	60.4	8.6	48	0.7	20.3	17.5	601	2.39	5.2	1.6	6.0	0.7	54	0.3	0.4	0.1	44	0.87	
TSL 40725	Soil		0.7	39.2	6.6	67	0.1	18.3	13.9	294	3.16	4.6	0.5	1.4	1.6	21	0.1	0.2	0.1	78	0.33	
TSL 40726	Soil		0.9	36.9	7.8	81	0.2	19.9	15.0	395	3.26	5.3	0.8	6.5	1.7	38	0.3	0.3	0.1	76	0.69	
TSL 40727	Soil		0.9	24.8	5.1	67	0.1	12.6	13.1	410	2.99	5.3	0.6	0.6	1.3	29	0.2	0.3	0.1	68	0.52	
TSL 40728	Soil		1.2	23.8	7.4	69	<0.1	13.6	19.2	804	3.35	8.4	0.6	2.8	1.8	25	0.2	0.3	0.1	82	0.50	
TSL 45062	Soil		1.5	36.9	12.2	59	<0.1	21.3	10.7	255	3.64	13.0	1.0	2.8	4.2	17	<0.1	0.7	0.3	82	0.16	
TSL 45063	Soil		0.9	85.9	9.9	111	<0.1	17.0	10.5	589	3.24	5.8	0.9	7.8	3.8	17	<0.1	0.4	0.2	57	0.21	
TSL 45064	Soil		0.7	44.6	8.1	97	<0.1	15.7	11.0	434	3.06	6.1	0.8	5.4	2.7	18	0.1	0.3	0.1	63	0.21	
TSL 45065	Soil		0.6	44.0	16.2	154	<0.1	13.8	11.5	387	3.39	4.8	0.6	1.0	2.7	21	0.2	0.3	0.1	75	0.29	
TSL 45066	Soil		0.8	22.4	8.4	76	<0.1	11.0	7.5	221	2.27	4.8	0.5	3.7	1.6	22	<0.1	0.2	0.1	47	0.30	
TSL 45067	Soil		0.7	49.0	17.1	107	<0.1	14.1	17.4	859	3.07	13.1	0.5	2.3	1.9	27	0.2	0.2	0.2	76	0.38	
TSL 38389	Soil		1.0	16.3	6.7	42	<0.1	9.8	4.8	121	1.66	4.4	0.4	0.6	1.1	16	<0.1	0.2	0.1	51	0.23	
TSL 40751	Soil		1.3	46.2	11.2	113	<0.1	35.2	15.6	163	3.51	28.3	1.3	1.1	9.7	15	0.1	0.4	0.2	72	0.18	
TSL 40753	Soil		1.5	60.3	9.3	150	<0.1	40.3	16.7	193	4.45	118.4	1.5	1.1	9.2	14	0.1	1.4	0.2	96	0.24	
TSL 40755	Soil		1.0	26.6	4.3	73	<0.1	8.2	19.2	428	4.47	6.0	0.2	<0.5	1.2	35	<0.1	0.3	<0.1	131	0.29	
TSL 40757	Soil		0.7	35.8	8.9	55	<0.1	17.9	12.8	258	3.14	11.9	0.6	2.1	2.5	25	<0.1	0.3	0.1	83	0.27	
TSL 40759	Soil		0.7	23.7	8.3	53	<0.1	15.5	9.9	223	2.64	10.4	0.6	2.6	2.0	21	<0.1	0.4	0.1	69	0.22	
TSL 40761	Soil		1.0	24.0	7.6	50	<0.1	13.7	11.2	261	3.08	6.5	0.6	1.4	2.9	18	<0.1	0.4	0.1	68	0.22	



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	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 40530	Soil	0.058	9	25	0.52	214	0.068	1	1.56	0.017	0.06	0.2	0.03	2.6	<0.1	<0.05	5	<0.5
TSL 40531	Soil	0.062	13	29	0.73	283	0.098	1	1.66	0.018	0.25	<0.1	0.03	4.9	0.2	<0.05	6	<0.5
TSL 40555	Soil	0.087	3	6	0.78	255	0.121	<1	1.64	0.041	0.21	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5
TSL 40715	Soil	0.042	5	11	1.05	252	0.162	<1	2.15	0.018	0.50	<0.1	<0.01	4.4	0.2	<0.05	7	<0.5
TSL 40716	Soil	0.022	12	32	0.84	325	0.147	<1	2.21	0.022	0.10	<0.1	0.01	6.2	<0.1	<0.05	6	<0.5
TSL 40717	Soil	0.052	20	43	1.06	332	0.140	<1	2.37	0.019	0.48	<0.1	0.03	8.4	0.3	<0.05	8	<0.5
TSL 40718	Soil	0.041	62	47	0.84	278	0.087	<1	2.30	0.014	0.24	<0.1	0.01	5.3	0.2	<0.05	7	0.7
TSL 40719	Soil	0.025	5	12	1.59	470	0.185	<1	2.58	0.013	0.67	0.1	<0.01	5.3	0.1	<0.05	9	<0.5
TSL 40720	Soil	0.029	6	27	0.53	187	0.052	<1	1.44	0.010	0.28	<0.1	<0.01	5.6	0.2	<0.05	4	0.5
TSL 40721	Soil	0.020	4	19	1.77	615	0.216	<1	2.76	0.020	0.77	<0.1	<0.01	4.5	0.4	<0.05	7	<0.5
TSL 40722	Soil	0.022	6	34	0.70	286	0.100	<1	2.42	0.012	0.13	0.1	0.01	3.6	<0.1	<0.05	7	<0.5
TSL 40723	Soil	0.033	11	30	0.64	311	0.118	<1	1.95	0.014	0.12	0.1	0.02	3.4	0.1	<0.05	7	<0.5
TSL 40724	Soil	0.106	40	24	0.29	1070	0.051	<1	1.84	0.025	0.08	0.1	0.09	4.8	0.1	<0.05	5	<0.5
TSL 40725	Soil	0.039	8	57	0.80	392	0.113	<1	1.91	0.018	0.15	0.1	0.02	4.9	0.1	<0.05	7	<0.5
TSL 40726	Soil	0.058	12	51	0.71	672	0.098	1	2.24	0.022	0.11	0.1	0.05	6.0	0.1	<0.05	7	<0.5
TSL 40727	Soil	0.062	7	27	0.67	412	0.092	<1	1.53	0.017	0.11	0.1	0.03	4.5	0.1	<0.05	6	<0.5
TSL 40728	Soil	0.064	8	31	0.69	374	0.093	1	1.52	0.021	0.08	0.1	0.03	4.3	<0.1	<0.05	6	<0.5
TSL 45062	Soil	0.063	18	40	0.47	265	0.078	1	2.48	0.011	0.06	0.2	0.02	4.2	0.1	<0.05	8	<0.5
TSL 45063	Soil	0.030	15	25	0.51	303	0.054	<1	1.56	0.014	0.07	0.1	<0.01	4.7	<0.1	<0.05	5	<0.5
TSL 45064	Soil	0.033	14	24	0.50	218	0.067	<1	1.58	0.014	0.08	0.1	0.01	4.8	<0.1	<0.05	6	<0.5
TSL 45065	Soil	0.044	13	25	0.70	268	0.087	<1	1.74	0.016	0.13	0.1	0.01	5.0	<0.1	<0.05	7	<0.5
TSL 45066	Soil	0.051	10	19	0.43	175	0.048	2	1.30	0.019	0.05	0.1	0.04	3.8	<0.1	0.06	5	<0.5
TSL 45067	Soil	0.054	10	23	0.67	412	0.053	2	1.72	0.018	0.09	0.1	0.04	5.3	<0.1	<0.05	7	<0.5
TSL 38389	Soil	0.032	8	23	0.39	128	0.075	1	1.05	0.014	0.06	0.2	0.02	2.2	<0.1	<0.05	6	<0.5
TSL 40751	Soil	0.020	37	39	0.69	210	0.069	<1	1.79	0.009	0.23	<0.1	0.01	4.5	0.2	<0.05	6	0.7
TSL 40753	Soil	0.075	18	60	0.96	278	0.143	<1	2.32	0.012	0.67	<0.1	0.02	6.1	0.4	<0.05	9	<0.5
TSL 40755	Soil	0.063	3	17	1.52	248	0.232	<1	2.83	0.016	0.47	0.1	<0.01	3.3	0.1	<0.05	9	<0.5
TSL 40757	Soil	0.025	9	37	0.71	295	0.116	<1	1.89	0.017	0.13	<0.1	0.01	4.3	0.1	<0.05	6	<0.5
TSL 40759	Soil	0.027	8	26	0.53	218	0.088	<1	1.60	0.019	0.07	<0.1	0.02	3.1	<0.1	<0.05	6	<0.5
TSL 40761	Soil	0.033	10	27	0.62	304	0.114	<1	1.75	0.014	0.10	0.1	0.01	3.3	<0.1	<0.05	6	<0.5



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	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 40763	Soil		0.7	29.7	6.3	36	<0.1	22.7	10.0	199	2.40	7.2	0.7	<0.5	3.0	21	<0.1	0.4	0.1	70	0.31	
TSL 40765	Soil		0.4	103.6	1.9	74	<0.1	17.6	16.1	316	4.49	7.9	0.4	<0.5	1.2	13	<0.1	<0.1	<0.1	161	0.35	
TSL 40767	Soil		0.7	45.1	6.2	69	<0.1	29.6	16.4	507	3.01	6.1	0.4	0.7	2.2	19	<0.1	0.3	0.1	87	0.29	
TSL 40771	Soil		0.7	23.5	11.3	55	<0.1	15.2	10.8	387	2.82	7.3	0.7	5.2	2.9	27	0.1	0.4	0.1	58	0.41	
TSL 37916	Soil		0.1	71.4	1.7	32	<0.1	36.3	16.0	360	2.09	1.9	0.1	<0.5	0.4	13	<0.1	<0.1	<0.1	70	0.40	
TSL 38285	Soil		4.1	41.7	10.5	76	<0.1	30.1	17.6	473	3.26	7.4	0.7	2.5	3.6	16	0.2	0.1	0.1	81	0.44	
TSL 38286	Soil		1.2	20.7	8.6	69	<0.1	17.8	15.2	482	2.72	6.6	0.5	2.8	2.2	17	<0.1	0.2	0.2	81	0.32	
TSL 38287	Soil		1.4	22.3	10.9	63	<0.1	12.4	15.6	648	2.87	7.0	0.6	0.7	2.1	20	0.1	0.2	0.2	80	0.33	
TSL 38288	Soil		1.1	21.7	8.4	63	<0.1	15.3	10.9	312	2.92	5.5	0.6	1.0	2.4	17	<0.1	0.2	0.1	76	0.29	
TSL 38290	Soil		0.8	57.3	9.1	81	<0.1	21.3	13.6	513	3.45	7.4	0.9	2.7	3.1	42	<0.1	0.4	0.1	89	0.73	
TSL 38291	Soil		0.8	45.0	8.3	61	<0.1	23.7	14.4	567	3.23	9.4	0.5	<0.5	2.8	34	0.2	0.5	0.1	81	0.64	
TSL 38292	Soil		0.9	40.7	11.0	75	<0.1	20.2	14.6	430	3.52	9.6	0.7	0.6	2.6	28	0.1	0.5	0.1	91	0.60	
TSL 38293	Soil		0.6	83.7	6.9	92	<0.1	20.3	16.0	667	5.31	6.9	1.0	1.4	8.7	46	<0.1	0.5	<0.1	114	0.89	
TSL 38294	Soil		0.9	56.0	17.8	64	<0.1	18.6	12.8	500	4.28	9.9	0.7	3.7	3.1	27	<0.1	0.4	0.1	93	0.48	
TSL 38295	Soil		2.7	33.2	42.5	114	<0.1	14.6	9.8	516	4.40	11.1	0.7	<0.5	2.7	18	0.1	0.6	0.2	70	0.19	
TSL 38296	Soil		1.3	19.7	12.2	60	0.1	10.9	6.8	823	2.77	4.9	0.8	2.7	2.6	17	0.2	0.3	0.2	55	0.18	
TSL 38297	Soil		4.9	69.4	20.5	121	0.1	22.7	10.0	709	4.55	11.2	1.3	<0.5	6.5	19	0.2	0.4	0.1	79	0.17	
TSL 38298	Soil		1.3	16.6	9.9	54	<0.1	19.2	11.5	464	3.26	9.4	0.4	<0.5	2.2	16	0.1	0.4	0.2	93	0.19	
TSL 38299	Soil		1.1	37.3	37.2	59	<0.1	12.5	7.2	385	2.77	4.5	0.4	1.1	1.7	12	<0.1	0.2	0.1	89	0.15	
TSL 39122	Soil		0.9	37.9	9.0	65	<0.1	22.4	13.4	505	2.85	16.0	3.5	3.1	4.3	77	0.2	0.4	0.1	62	0.65	
TSL 39123	Soil		0.7	32.8	9.0	61	<0.1	19.6	15.3	585	2.51	10.8	4.4	1.5	4.0	68	0.2	0.3	0.1	58	0.52	
TSL 39124	Soil		0.7	47.3	7.2	61	0.1	19.4	14.3	470	2.89	13.3	2.1	<0.5	2.7	63	0.3	0.4	<0.1	72	0.73	
TSL 39125	Soil		0.6	65.6	5.9	84	<0.1	18.8	21.0	433	4.54	11.5	0.8	2.1	2.6	65	<0.1	0.1	<0.1	125	0.61	
TSL 39126	Soil		1.0	51.2	10.4	113	<0.1	19.6	18.5	552	4.33	49.6	0.7	<0.5	4.6	35	0.2	0.2	0.1	95	0.40	
TSL 39127	Soil		0.9	28.7	5.5	45	<0.1	10.7	10.5	255	2.79	9.4	0.5	0.5	2.3	21	<0.1	0.2	<0.1	76	0.27	
TSL 39128	Soil		0.6	50.5	5.4	93	<0.1	14.9	14.0	448	4.02	8.0	0.7	0.8	4.0	26	<0.1	0.2	<0.1	92	0.37	
TSL 39129	Soil		0.7	53.7	5.2	89	<0.1	17.5	18.1	451	4.50	8.5	0.4	<0.5	2.2	40	<0.1	0.2	<0.1	111	0.40	
TSL 39131	Soil		0.5	54.7	4.5	51	<0.1	16.2	13.7	259	3.03	6.3	0.6	<0.5	1.6	26	<0.1	0.1	<0.1	101	0.39	
TSL 39132	Soil		0.6	40.4	5.2	54	<0.1	12.3	12.1	273	3.03	6.8	0.5	<0.5	1.8	27	<0.1	0.1	<0.1	92	0.41	
TSL 39133	Soil		0.6	56.1	5.0	63	<0.1	15.0	15.8	339	3.62	9.1	0.4	<0.5	1.7	26	<0.1	0.2	<0.1	112	0.50	



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	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 40763	Soil	0.021	11	39	0.60	258	0.092	1	1.53	0.026	0.07	0.1	0.02	3.9	<0.1	0.10	5	<0.5
TSL 40765	Soil	0.106	4	9	1.29	245	0.241	2	2.07	0.017	0.83	0.1	0.01	3.6	0.2	0.09	8	<0.5
TSL 40767	Soil	0.039	7	73	0.95	233	0.136	<1	1.83	0.016	0.18	0.1	0.01	2.6	0.2	0.05	7	<0.5
TSL 40771	Soil	0.066	11	27	0.50	220	0.077	2	1.25	0.023	0.07	0.1	0.02	3.8	<0.1	0.07	4	<0.5
TSL 37916	Soil	0.079	2	95	1.30	262	0.162	<1	1.48	0.015	0.56	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5
TSL 38285	Soil	0.063	10	114	1.03	324	0.119	1	1.59	0.014	0.26	<0.1	0.02	4.2	0.2	0.05	5	<0.5
TSL 38286	Soil	0.057	9	50	0.73	267	0.101	2	1.50	0.017	0.14	0.1	0.02	3.3	0.1	0.05	5	<0.5
TSL 38287	Soil	0.056	8	31	0.61	219	0.105	<1	1.36	0.017	0.12	0.2	0.03	2.9	0.1	0.06	6	<0.5
TSL 38288	Soil	0.045	8	36	0.65	219	0.096	3	1.56	0.016	0.07	0.1	0.02	2.9	0.1	<0.05	6	<0.5
TSL 38290	Soil	0.043	14	26	0.69	422	0.099	2	1.62	0.022	0.16	<0.1	0.04	5.1	<0.1	<0.05	5	<0.5
TSL 38291	Soil	0.022	10	32	0.70	360	0.107	2	1.73	0.028	0.15	0.1	0.02	4.9	<0.1	<0.05	5	<0.5
TSL 38292	Soil	0.026	10	28	0.75	326	0.123	2	1.81	0.026	0.20	0.1	0.03	5.9	0.1	<0.05	6	<0.5
TSL 38293	Soil	0.146	38	19	0.73	300	0.063	2	1.87	0.041	0.13	<0.1	0.04	12.1	0.1	<0.05	7	<0.5
TSL 38294	Soil	0.053	13	20	0.57	367	0.063	4	1.51	0.045	0.17	<0.1	0.05	12.1	0.2	0.15	6	0.9
TSL 38295	Soil	0.019	7	21	0.42	256	0.065	<1	1.50	0.018	0.14	<0.1	0.02	8.3	0.1	<0.05	6	<0.5
TSL 38296	Soil	0.023	12	21	0.36	393	0.067	<1	1.38	0.014	0.13	0.1	0.01	4.9	0.1	<0.05	6	<0.5
TSL 38297	Soil	0.059	15	32	0.43	245	0.074	<1	1.28	0.010	0.20	0.1	0.02	5.7	0.1	<0.05	6	<0.5
TSL 38298	Soil	0.045	10	37	0.61	184	0.095	1	1.79	0.016	0.07	<0.1	<0.01	4.2	0.1	<0.05	8	<0.5
TSL 38299	Soil	0.061	6	33	0.65	101	0.141	2	1.50	0.022	0.12	<0.1	0.02	4.1	0.1	<0.05	10	<0.5
TSL 39122	Soil	0.066	20	32	0.63	264	0.069	<1	1.32	0.021	0.08	0.1	0.03	4.4	<0.1	0.05	4	0.5
TSL 39123	Soil	0.059	18	27	0.58	266	0.067	3	1.26	0.022	0.08	0.1	0.04	4.1	<0.1	<0.05	4	<0.5
TSL 39124	Soil	0.061	14	26	0.62	409	0.087	1	1.35	0.027	0.13	0.2	0.03	4.8	0.1	0.06	5	<0.5
TSL 39125	Soil	0.053	11	26	1.12	334	0.164	1	1.86	0.042	0.57	<0.1	0.02	6.1	0.2	<0.05	7	<0.5
TSL 39126	Soil	0.038	11	21	1.08	347	0.194	<1	2.04	0.019	0.63	0.1	0.01	4.5	0.4	<0.05	7	<0.5
TSL 39127	Soil	0.021	8	18	0.59	209	0.136	<1	1.53	0.027	0.16	<0.1	0.02	3.5	0.1	<0.05	7	<0.5
TSL 39128	Soil	0.033	10	23	1.21	260	0.215	1	2.10	0.020	0.71	<0.1	0.02	5.1	0.4	<0.05	8	<0.5
TSL 39129	Soil	0.044	6	21	1.31	270	0.255	<1	2.13	0.020	0.89	<0.1	<0.01	3.5	0.4	<0.05	9	<0.5
TSL 39131	Soil	0.076	8	26	0.81	398	0.158	<1	1.55	0.022	0.34	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
TSL 39132	Soil	0.062	7	19	0.72	279	0.130	<1	1.37	0.025	0.22	0.1	0.02	3.6	<0.1	<0.05	5	<0.5
TSL 39133	Soil	0.080	7	18	0.80	346	0.155	<1	1.63	0.023	0.31	0.1	<0.01	4.5	0.1	<0.05	7	<0.5



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	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 38120	Soil			0.7	47.7	5.7	54	0.1	12.9	14.0	394	2.95	8.2	0.9	6.2	2.3	28	<0.1	0.2	<0.1	95
TSL 38121	Soil			0.6	48.9	4.3	55	<0.1	11.0	11.4	319	2.77	6.0	0.8	2.4	1.8	29	0.2	0.1	<0.1	67
TSL 38122	Soil			0.4	113.9	3.2	99	<0.1	16.2	21.9	454	5.29	6.7	0.4	<0.5	1.9	35	<0.1	0.2	<0.1	152
TSL 38123	Soil			0.3	38.5	1.7	57	<0.1	8.3	14.9	298	3.59	3.2	0.4	<0.5	1.8	27	<0.1	0.1	<0.1	103
TSL 38124	Soil			0.7	35.6	5.9	43	<0.1	17.6	12.0	329	2.74	5.8	1.0	2.5	3.1	26	<0.1	0.2	0.1	81
TSL 38125	Soil			0.4	22.7	3.4	30	<0.1	34.2	11.8	238	2.24	7.1	0.4	<0.5	1.6	21	<0.1	0.3	<0.1	65
TSL 38126	Soil			0.2	97.1	1.3	35	<0.1	15.8	18.9	299	3.65	8.0	0.6	0.8	2.2	13	<0.1	0.1	<0.1	110
TSL 38127	Soil			0.5	56.6	5.4	42	0.1	15.7	15.8	351	2.75	12.4	1.2	1.5	2.2	24	<0.1	0.2	<0.1	69
TSL 38128	Soil			0.5	55.7	3.7	38	<0.1	13.2	13.9	190	2.64	6.2	0.4	1.8	1.5	25	<0.1	0.2	<0.1	62
TSL 38129	Soil			0.2	89.6	1.2	25	<0.1	13.7	10.5	114	1.75	1.7	0.2	<0.5	0.7	7	<0.1	<0.1	<0.1	47
TSL 38130	Soil			0.1	68.2	2.1	27	<0.1	27.6	17.0	324	2.01	1.2	0.1	0.6	0.5	11	<0.1	<0.1	<0.1	59
TSL 38131	Soil			0.4	43.2	7.8	72	<0.1	23.9	22.3	402	4.74	2.0	0.6	<0.5	2.3	14	<0.1	<0.1	<0.1	119
TSL 38133	Soil			0.2	168.7	1.7	58	<0.1	22.7	23.2	365	3.73	2.7	0.2	2.6	0.7	23	<0.1	<0.1	<0.1	115
TSL 38134	Soil			0.6	95.9	2.7	98	<0.1	57.0	27.2	373	3.86	9.0	0.4	0.9	1.3	15	0.1	<0.1	<0.1	104
TSL 38135	Soil			0.5	81.4	4.8	78	<0.1	23.9	17.3	415	3.61	11.3	0.6	2.7	1.9	20	<0.1	0.1	<0.1	107
TSL 38045	Soil			0.7	73.2	8.0	70	0.1	10.6	11.0	208	2.86	14.3	0.6	2.1	1.2	73	0.1	0.1	0.1	62
TSL 38046	Soil			0.7	79.2	13.8	101	<0.1	19.9	41.7	922	7.22	33.3	0.5	2.4	2.2	78	0.2	0.1	<0.1	163
TSL 38047	Soil			0.5	118.6	3.5	69	<0.1	22.9	18.5	352	4.15	4.1	0.3	2.2	1.5	18	<0.1	0.2	<0.1	144
TSL 38048	Soil			0.7	58.1	6.2	61	0.1	15.5	12.9	292	2.86	5.5	1.0	11.9	2.8	30	<0.1	0.2	0.1	83
TSL 38049	Soil			0.5	162.1	3.6	78	<0.1	21.9	22.8	297	4.27	3.5	0.4	5.7	1.5	16	<0.1	0.1	<0.1	170
TSL 38050	Soil			0.6	83.1	3.5	61	<0.1	14.0	16.7	237	3.85	5.1	0.4	2.5	1.6	20	<0.1	0.2	<0.1	120
TSL 38051	Soil			0.5	49.6	5.2	45	<0.1	15.2	12.7	268	2.76	5.0	0.6	3.1	2.0	22	<0.1	0.2	<0.1	76
TSL 38052	Soil			0.4	41.6	2.4	34	<0.1	10.2	11.6	212	2.15	4.4	0.3	1.3	1.0	16	<0.1	0.1	<0.1	63
TSL 38053	Soil			0.7	62.0	5.8	48	<0.1	19.3	14.0	328	3.21	6.5	0.6	3.8	2.2	25	<0.1	0.3	<0.1	99
TSL 38054	Soil			0.6	92.2	5.3	74	<0.1	21.9	18.8	305	4.07	6.2	0.4	47.4	1.7	16	<0.1	0.2	<0.1	131
TSL 39130	Soil			0.6	47.9	5.3	55	<0.1	16.0	15.4	311	3.06	7.5	0.4	1.6	1.7	25	<0.1	0.2	<0.1	84
TSL 40412	Soil			0.7	23.7	8.1	79	<0.1	9.8	5.6	327	2.91	4.4	0.9	2.0	4.8	9	0.1	0.2	0.2	38
TSL 40413	Soil			1.2	18.8	14.2	73	<0.1	2.6	2.2	155	3.41	5.2	0.4	3.1	1.5	39	<0.1	0.1	0.1	8
TSL 40414	Soil			1.7	18.5	21.8	39	0.3	13.5	6.5	220	3.45	11.5	0.6	3.9	2.1	30	<0.1	0.4	0.1	42
TSL 40415	Soil			0.7	15.0	7.3	73	<0.1	13.6	7.6	244	2.55	5.6	0.5	6.1	2.6	16	<0.1	0.3	<0.1	45



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	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 38120	Soil	0.062	12	23	0.63	402	0.120	1	1.44	0.024	0.12	0.2	0.03	4.9	<0.1	0.06	5	<0.5
TSL 38121	Soil	0.078	9	16	0.58	410	0.125	<1	1.32	0.023	0.19	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5
TSL 38122	Soil	0.095	5	14	1.22	368	0.251	<1	2.19	0.018	0.87	<0.1	<0.01	4.6	0.3	<0.05	8	<0.5
TSL 38123	Soil	0.124	5	11	1.03	300	0.199	<1	1.75	0.029	0.53	<0.1	<0.01	3.4	0.1	<0.05	7	<0.5
TSL 38124	Soil	0.051	12	37	0.65	356	0.122	<1	1.55	0.024	0.08	0.2	0.03	4.3	<0.1	<0.05	6	<0.5
TSL 38125	Soil	0.051	7	79	0.82	236	0.125	1	1.35	0.024	0.06	0.1	<0.01	2.8	<0.1	<0.05	5	<0.5
TSL 38126	Soil	0.119	8	33	1.22	783	0.161	<1	1.94	0.020	0.65	<0.1	<0.01	4.4	0.1	<0.05	8	<0.5
TSL 38127	Soil	0.054	11	29	0.63	288	0.082	<1	1.33	0.025	0.08	<0.1	0.02	5.2	<0.1	<0.05	6	0.5
TSL 38128	Soil	0.048	5	26	0.71	184	0.099	<1	1.49	0.020	0.24	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5
TSL 38129	Soil	0.064	3	29	0.74	139	0.083	<1	0.99	0.020	0.24	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5
TSL 38130	Soil	0.088	2	87	1.15	227	0.135	<1	1.49	0.014	0.52	<0.1	<0.01	2.3	0.2	<0.05	4	<0.5
TSL 38131	Soil	0.128	8	69	1.45	404	0.197	1	2.17	0.020	0.95	<0.1	<0.01	4.7	0.4	<0.05	10	<0.5
TSL 38133	Soil	0.030	2	28	1.22	231	0.137	<1	1.86	0.022	0.75	<0.1	<0.01	4.9	0.2	<0.05	5	<0.5
TSL 38134	Soil	0.044	5	93	1.19	309	0.163	<1	1.81	0.019	0.63	<0.1	0.01	5.0	0.4	<0.05	7	<0.5
TSL 38135	Soil	0.052	6	47	1.10	374	0.142	<1	1.68	0.021	0.53	<0.1	0.02	4.8	0.2	<0.05	6	<0.5
TSL 38045	Soil	0.044	7	17	0.59	492	0.072	1	1.11	0.039	0.18	<0.1	0.03	3.9	<0.1	0.10	5	0.5
TSL 38046	Soil	0.074	9	19	1.50	505	0.101	3	2.78	0.019	0.48	<0.1	<0.01	12.1	0.2	<0.05	10	0.8
TSL 38047	Soil	0.063	5	18	1.13	277	0.192	<1	1.97	0.016	0.74	<0.1	<0.01	4.2	0.2	<0.05	8	<0.5
TSL 38048	Soil	0.045	11	23	0.72	382	0.124	<1	1.47	0.022	0.20	0.1	0.03	4.0	0.1	<0.05	6	0.6
TSL 38049	Soil	0.031	6	21	1.22	340	0.224	<1	2.23	0.017	0.79	<0.1	<0.01	4.8	0.2	<0.05	8	<0.5
TSL 38050	Soil	0.070	6	13	0.99	325	0.155	<1	1.60	0.020	0.50	<0.1	<0.01	3.9	0.2	<0.05	6	<0.5
TSL 38051	Soil	0.033	8	20	0.66	216	0.109	<1	1.34	0.021	0.14	<0.1	0.01	3.7	<0.1	<0.05	5	0.5
TSL 38052	Soil	0.052	4	13	0.50	155	0.079	<1	0.90	0.027	0.10	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5
TSL 38053	Soil	0.038	8	25	0.73	231	0.115	<1	1.48	0.020	0.18	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5
TSL 38054	Soil	0.068	6	22	1.14	223	0.167	<1	1.93	0.019	0.49	0.1	<0.01	4.8	0.1	<0.05	8	<0.5
TSL 39130	Soil	0.048	6	27	0.74	251	0.140	<1	1.70	0.026	0.22	<0.1	0.01	3.3	0.1	<0.05	6	<0.5
TSL 40412	Soil	0.028	21	14	0.39	122	0.098	1	1.35	0.010	0.30	<0.1	0.01	5.9	0.1	<0.05	8	0.6
TSL 40413	Soil	0.029	8	5	0.29	98	0.018	<1	1.44	0.059	0.06	<0.1	<0.01	3.9	<0.1	0.16	6	<0.5
TSL 40414	Soil	0.034	10	22	0.33	234	0.045	<1	1.16	0.122	0.10	0.1	0.11	3.2	0.1	0.39	4	<0.5
TSL 40415	Soil	0.024	9	23	0.46	161	0.086	<1	1.69	0.010	0.10	<0.1	0.02	3.1	<0.1	<0.05	6	<0.5



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	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 40416	Soil		0.2	21.4	1.8	96	<0.1	6.2	4.0	335	2.68	2.3	0.4	<0.5	2.1	12	<0.1	0.1	<0.1	22	0.13
TSL 40417	Soil		0.5	20.8	7.6	72	<0.1	23.1	9.8	290	2.81	7.1	0.4	1.8	2.7	18	<0.1	0.3	0.1	61	0.18
TSL 40418	Soil		0.7	75.1	6.2	38	<0.1	16.8	9.4	224	2.52	6.5	0.7	2.3	2.4	21	<0.1	0.4	0.1	68	0.25
TSL 40419	Soil		0.3	84.1	3.2	41	<0.1	13.9	14.1	317	2.75	3.1	0.2	1.0	1.1	28	<0.1	0.2	<0.1	74	0.34
TSL 40420	Soil		0.7	43.4	8.1	41	<0.1	17.0	9.7	246	2.55	6.0	0.5	1.8	2.5	21	<0.1	0.4	0.1	67	0.24
TSL 40421	Soil		0.2	126.1	85.5	150	<0.1	17.4	25.6	1041	4.96	1.6	0.1	2.1	0.6	32	<0.1	<0.1	0.2	175	0.44
TSL 40422	Soil		0.4	78.0	12.9	45	<0.1	16.1	16.9	338	2.81	3.4	0.2	3.3	0.8	25	<0.1	0.1	<0.1	87	0.37
TSL 40423	Soil		0.9	22.5	28.6	101	<0.1	11.2	11.0	543	3.55	6.8	0.4	<0.5	1.4	21	0.1	0.2	0.3	60	0.19
TSL 40424	Soil		0.9	18.6	2.7	124	<0.1	5.8	5.6	476	4.08	1.9	0.5	1.6	1.9	21	<0.1	0.1	<0.1	16	0.39
TSL 40425	Soil		0.6	15.4	42.5	120	<0.1	7.3	8.1	622	3.42	1.8	0.2	<0.5	0.6	15	<0.1	<0.1	0.3	19	0.28
TSL 40426	Soil		0.3	11.9	43.7	154	<0.1	3.4	9.0	582	3.78	1.0	0.2	1.3	0.6	33	<0.1	<0.1	0.3	16	0.33
TSL 40427	Soil		0.1	10.5	3.8	127	<0.1	1.8	7.6	451	3.34	<0.5	<0.1	1.2	0.3	16	<0.1	<0.1	<0.1	12	0.29
TSL 40428	Soil		0.2	14.5	16.3	186	<0.1	4.8	10.5	523	4.35	1.5	0.2	3.4	0.7	21	<0.1	<0.1	0.1	17	0.28
TSL 42074	Soil		0.6	20.7	7.2	65	<0.1	11.2	7.4	252	2.30	5.7	0.3	4.7	1.5	20	0.1	0.2	0.2	52	0.27
TSL 42075	Soil		0.7	29.5	9.9	79	<0.1	13.0	9.2	355	2.58	6.2	0.6	4.1	2.6	17	0.1	0.2	0.1	53	0.22
TSL 42076	Soil		0.9	34.2	10.7	119	0.1	12.5	9.5	373	2.95	6.8	0.6	4.5	1.7	22	0.2	0.2	0.1	61	0.30
TSL 42077	Soil		0.7	53.0	12.8	144	0.1	16.7	11.6	420	2.74	5.0	0.5	3.8	2.0	22	0.2	0.2	0.1	61	0.32
TSL 42078	Soil		1.4	74.7	25.4	148	0.1	19.1	13.8	438	3.58	10.2	0.7	5.4	2.9	25	0.2	0.2	0.2	66	0.35
TSL 42079	Soil		1.1	42.2	21.0	96	0.2	17.6	10.6	323	3.25	10.4	0.7	4.7	2.7	20	0.2	0.3	0.2	72	0.25
TSL 42080	Soil		0.8	23.3	8.9	86	<0.1	10.3	17.9	353	4.62	2.4	0.5	0.8	2.8	14	<0.1	<0.1	0.1	123	0.34
TSL 42081	Soil		0.9	19.5	5.7	118	<0.1	6.6	19.2	293	4.51	1.5	0.7	1.2	3.1	14	<0.1	<0.1	0.1	123	0.37
TSL 42082	Soil		1.1	25.9	15.0	58	<0.1	15.2	9.0	298	2.99	9.1	0.7	2.3	3.6	15	<0.1	0.3	0.2	57	0.21
TSL 42083	Soil		0.9	31.9	6.8	37	0.1	9.8	4.7	210	1.78	3.0	1.0	2.0	2.6	19	0.1	0.2	0.2	35	0.28
TSL 42084	Soil		1.1	21.4	12.1	56	<0.1	17.0	11.0	511	2.92	6.8	0.5	3.3	3.0	18	<0.1	0.3	0.2	61	0.27
TSL 42085	Soil		1.2	15.6	10.4	42	0.1	12.8	6.0	236	2.28	6.1	0.6	2.5	2.0	19	<0.1	0.3	0.2	56	0.25
TSL 42086	Soil		1.1	14.9	11.8	36	<0.1	10.7	5.0	177	2.16	3.6	0.4	1.8	1.3	15	0.2	0.2	0.2	54	0.25
TSL 42087	Soil		1.2	14.5	11.0	55	<0.1	11.0	5.3	783	2.29	5.9	0.4	1.6	0.6	18	0.3	0.3	0.2	61	0.26
TSL 40221	Soil		0.9	24.7	9.2	78	<0.1	10.3	5.3	307	2.10	4.9	0.8	3.7	1.4	11	0.2	0.3	0.2	43	0.11
TSL 40223	Soil		0.7	23.6	17.1	91	<0.1	15.1	11.1	557	3.25	5.7	1.2	3.4	3.9	17	0.1	0.3	0.2	60	0.18
TSL 40225	Soil		0.5	21.8	11.0	77	<0.1	11.5	8.1	427	2.40	3.7	1.2	2.9	3.8	16	<0.1	0.2	0.1	43	0.17



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	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	0.01	0.01	0.1	0.01	0.05	1	0.5
TSL 40416	Soil	0.026	7	7	0.49	188	0.112	<1	1.43	0.009	0.47	<0.1	0.01	8.0	0.1	<0.05	6	0.5
TSL 40417	Soil	0.019	7	28	0.53	191	0.091	<1	2.04	0.015	0.06	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5
TSL 40418	Soil	0.024	9	25	0.54	238	0.074	<1	1.70	0.018	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5
TSL 40419	Soil	0.029	3	17	0.89	191	0.127	<1	1.86	0.026	0.10	<0.1	<0.01	3.6	<0.1	<0.05	5	<0.5
TSL 40420	Soil	0.015	9	28	0.56	173	0.072	<1	1.70	0.020	0.04	<0.1	0.01	4.1	<0.1	<0.05	5	<0.5
TSL 40421	Soil	0.026	5	28	2.26	351	0.204	<1	2.44	0.020	0.58	<0.1	<0.01	20.3	0.5	<0.05	12	<0.5
TSL 40422	Soil	0.015	3	17	0.70	250	0.102	<1	1.67	0.040	0.09	<0.1	<0.01	4.8	<0.1	<0.05	4	<0.5
TSL 40423	Soil	0.059	5	19	0.71	218	0.123	<1	2.05	0.017	0.26	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5
TSL 40424	Soil	0.090	11	3	0.40	297	0.021	2	1.22	0.011	0.28	<0.1	<0.01	16.1	0.1	<0.05	5	0.6
TSL 40425	Soil	0.104	2	6	0.63	188	0.106	<1	1.54	0.019	0.43	<0.1	<0.01	3.8	<0.1	<0.05	7	<0.5
TSL 40426	Soil	0.107	2	4	0.68	302	0.130	<1	1.58	0.012	0.48	<0.1	<0.01	3.2	<0.1	<0.05	6	<0.5
TSL 40427	Soil	0.083	1	3	0.62	295	0.156	<1	1.43	0.011	0.60	<0.1	<0.01	3.2	0.1	<0.05	6	<0.5
TSL 40428	Soil	0.096	2	5	0.69	249	0.154	<1	1.94	0.011	0.42	<0.1	0.01	4.3	<0.1	<0.05	8	<0.5
TSL 42074	Soil	0.040	6	20	0.43	133	0.075	1	1.33	0.015	0.06	0.2	0.02	2.7	<0.1	<0.05	5	<0.5
TSL 42075	Soil	0.032	9	23	0.49	250	0.068	<1	1.49	0.011	0.05	0.1	0.02	3.4	<0.1	<0.05	5	<0.5
TSL 42076	Soil	0.048	8	25	0.66	404	0.082	<1	1.55	0.013	0.14	0.1	0.03	4.0	0.1	<0.05	6	<0.5
TSL 42077	Soil	0.035	9	35	0.79	396	0.084	<1	1.50	0.015	0.09	0.1	0.02	4.4	0.1	<0.05	5	<0.5
TSL 42078	Soil	0.036	12	39	0.85	479	0.093	<1	1.71	0.015	0.18	<0.1	0.04	6.0	0.1	<0.05	7	<0.5
TSL 42079	Soil	0.029	11	38	0.59	330	0.060	1	1.64	0.011	0.07	<0.1	0.03	4.7	<0.1	<0.05	6	<0.5
TSL 42080	Soil	0.080	12	12	1.81	481	0.227	<1	2.33	0.011	0.91	<0.1	<0.01	6.9	0.3	<0.05	12	<0.5
TSL 42081	Soil	0.088	14	7	1.66	449	0.206	<1	2.12	0.011	0.79	<0.1	<0.01	5.4	0.2	<0.05	12	<0.5
TSL 42082	Soil	0.027	12	26	0.57	300	0.077	<1	1.63	0.010	0.11	0.1	0.02	3.5	<0.1	<0.05	7	<0.5
TSL 42083	Soil	0.037	38	18	0.29	547	0.050	<1	0.97	0.014	0.14	<0.1	0.05	3.9	0.1	<0.05	5	<0.5
TSL 42084	Soil	0.034	9	29	0.56	268	0.102	1	1.53	0.015	0.19	0.1	0.02	3.6	0.1	<0.05	6	<0.5
TSL 42085	Soil	0.032	16	21	0.34	323	0.070	1	1.27	0.014	0.12	0.1	0.04	3.0	<0.1	<0.05	6	<0.5
TSL 42086	Soil	0.023	7	19	0.25	275	0.059	<1	1.10	0.012	0.10	<0.1	0.02	2.1	<0.1	<0.05	5	<0.5
TSL 42087	Soil	0.041	13	19	0.24	403	0.043	2	1.24	0.009	0.07	0.1	0.02	2.0	0.1	<0.05	6	<0.5
TSL 40221	Soil	0.033	12	17	0.36	233	0.085	1	1.40	0.011	0.12	<0.1	0.03	3.0	<0.1	<0.05	7	<0.5
TSL 40223	Soil	0.047	24	26	0.55	390	0.127	1	1.76	0.012	0.21	0.1	0.03	4.5	0.1	<0.05	7	<0.5
TSL 40225	Soil	0.044	16	22	0.47	305	0.107	<1	1.32	0.017	0.24	0.1	0.01	3.5	<0.1	<0.05	6	<0.5



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	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 39120	Soil				2.4	48.5	9.3	65	<0.1	45.2	22.4	752	3.39	4.6	0.5	0.6	1.3	14	0.1	0.1	<0.1	82	0.31	
TSL 39121	Soil				1.5	32.2	14.1	89	<0.1	14.4	12.6	503	4.08	5.2	0.6	2.2	3.8	16	0.1	0.2	0.2	86	0.26	
TSL 39160	Soil				0.7	33.3	9.3	83	<0.1	21.6	16.5	501	4.20	3.7	0.6	3.7	3.5	21	<0.1	0.1	<0.1	91	0.37	
TSL 39161	Soil				0.9	26.9	4.6	75	<0.1	18.1	13.5	355	3.71	3.3	0.5	1.1	3.0	19	<0.1	0.1	<0.1	74	0.32	
TSL 39162	Soil				0.5	42.0	5.3	98	<0.1	14.7	20.5	749	4.23	2.8	0.2	1.8	1.2	22	<0.1	0.1	<0.1	97	0.48	
TSL 39163	Soil				0.7	44.7	3.5	132	<0.1	31.2	22.0	927	4.82	12.0	0.5	<0.5	6.6	31	0.1	0.2	<0.1	79	0.51	
TSL 39165	Soil				0.7	29.0	7.2	52	<0.1	22.5	12.9	318	2.60	6.7	0.8	2.3	1.9	29	0.2	0.4	0.1	62	0.45	
TSL 39166	Soil				0.7	30.1	7.5	58	<0.1	26.0	11.6	389	2.64	8.0	0.9	3.5	2.7	32	0.1	0.5	0.1	62	0.51	
TSL 39167	Soil				0.8	29.7	7.3	61	<0.1	23.0	10.5	299	2.58	10.2	0.8	1.8	4.5	27	0.1	0.4	0.1	55	0.44	
TSL 39168	Soil				0.8	31.5	4.7	55	<0.1	18.8	16.0	446	3.11	9.7	0.6	2.5	4.2	31	<0.1	0.2	<0.1	65	0.44	
TSL 39169	Soil				0.9	34.8	6.3	63	<0.1	22.8	16.6	379	3.69	19.2	0.9	1.6	6.2	23	<0.1	0.2	<0.1	68	0.36	
TSL 39171	Soil				1.8	33.5	10.0	67	<0.1	32.3	13.9	275	3.37	15.0	1.9	3.4	8.1	19	0.2	0.4	0.1	50	0.26	
TSL 39172	Soil				0.6	25.8	8.0	70	<0.1	21.5	10.7	290	2.38	5.9	0.8	8.2	3.3	27	0.2	0.3	0.1	56	0.42	
TSL 39173	Soil				0.8	25.5	7.7	64	<0.1	17.8	13.2	326	2.51	6.9	0.7	2.9	2.8	24	0.1	0.3	0.1	63	0.42	
TSL 39175	Soil				0.9	23.6	9.8	57	<0.1	18.7	10.2	267	2.73	8.6	0.9	4.7	2.8	35	0.2	0.4	0.1	65	0.47	
TSL 39218	Soil				1.5	29.8	9.7	69	<0.1	32.0	13.2	310	3.37	53.6	0.9	3.0	7.9	17	0.1	0.5	0.1	65	0.21	
TSL 39219	Soil				1.2	24.9	10.0	70	<0.1	29.0	12.5	279	3.49	11.6	1.1	3.1	9.1	15	0.1	0.2	<0.1	49	0.22	
TSL 39220	Soil				1.3	25.1	8.2	76	<0.1	28.6	12.1	276	3.36	6.0	1.0	1.9	10.3	12	<0.1	0.2	<0.1	46	0.17	
TSL 39221	Soil				1.7	26.1	9.0	67	<0.1	29.2	13.7	377	3.42	41.9	1.2	3.9	10.6	22	<0.1	0.4	0.1	56	0.30	
TSL 39222	Soil				1.5	26.0	8.0	76	<0.1	38.5	16.5	411	4.02	9.1	1.3	2.5	13.8	21	<0.1	0.3	0.1	54	0.30	
TSL 39223	Soil				1.0	24.6	10.2	71	<0.1	30.8	14.6	532	3.56	8.0	1.1	2.3	10.6	23	0.1	0.2	0.2	60	0.37	
TSL 39224	Soil				1.0	20.2	8.8	59	<0.1	25.2	12.0	347	3.15	8.1	1.0	15.6	10.1	25	0.1	0.3	0.1	57	0.41	
TSL 39225	Soil				0.9	23.0	10.2	61	<0.1	23.1	10.0	264	2.84	10.8	1.1	2.5	5.9	26	0.1	0.3	0.2	58	0.39	
TSL 39226	Soil				1.1	25.9	9.3	61	<0.1	26.1	11.5	431	2.98	9.5	1.1	4.9	5.3	35	0.2	0.4	0.2	61	0.49	
TSL 40893	Soil				0.8	17.2	8.8	56	<0.1	16.6	13.0	449	2.69	6.3	0.7	35.5	3.1	38	0.1	0.4	0.1	61	0.48	
TSL 40895	Soil				0.8	29.5	8.4	62	<0.1	24.0	10.9	363	2.75	8.9	0.9	4.2	3.4	41	0.1	0.5	0.2	64	0.54	
TSL 40896	Soil				1.0	36.4	9.7	68	<0.1	27.9	14.1	634	2.90	11.2	1.4	3.7	3.1	53	0.3	0.7	0.2	70	0.81	
TSL 38136	Soil				1.0	86.7	20.2	97	<0.1	33.3	21.7	865	5.25	7.2	0.5	1.8	1.8	23	0.1	0.2	0.2	133	0.42	
TSL 38137	Soil				2.2	57.2	121.6	104	<0.1	25.5	28.3	1271	5.56	14.9	0.9	3.0	3.1	15	0.1	0.2	0.4	116	0.31	
TSL 38300	Soil				8.6	51.0	101.4	80	<0.1	22.2	11.6	479	3.86	4.3	1.5	21.3	5.7	20	0.1	0.4	0.2	88	0.34	



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CERTIFICATE OF ANALYSIS

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	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 39120	Soil	0.050	8	115	0.72	276	0.069	2	1.60	0.017	0.25	0.1	0.02	5.8	0.2	<0.05	6	<0.5
TSL 39121	Soil	0.060	11	30	0.87	321	0.152	1	1.98	0.012	0.39	0.1	0.02	5.4	0.3	<0.05	8	<0.5
TSL 39160	Soil	0.076	15	49	1.41	412	0.222	1	2.33	0.014	0.75	<0.1	0.02	3.5	0.3	<0.05	8	<0.5
TSL 39161	Soil	0.075	11	39	0.96	301	0.145	1	1.94	0.014	0.38	<0.1	0.01	3.1	0.1	<0.05	7	<0.5
TSL 39162	Soil	0.121	5	35	1.49	387	0.229	<1	2.34	0.018	0.85	<0.1	0.01	3.8	0.2	<0.05	8	<0.5
TSL 39163	Soil	0.129	24	53	1.48	485	0.147	<1	2.45	0.008	0.89	<0.1	0.04	3.3	0.2	<0.05	10	<0.5
TSL 39165	Soil	0.065	11	29	0.56	242	0.068	2	1.59	0.020	0.05	0.2	0.03	3.5	<0.1	<0.05	4	<0.5
TSL 39166	Soil	0.064	12	31	0.54	261	0.081	2	1.51	0.023	0.05	0.1	0.03	3.3	<0.1	<0.05	4	0.7
TSL 39167	Soil	0.072	18	33	0.60	237	0.093	1	1.42	0.020	0.09	0.1	0.03	3.6	<0.1	<0.05	4	0.5
TSL 39168	Soil	0.076	16	29	0.78	238	0.123	1	1.62	0.019	0.19	<0.1	0.01	3.4	<0.1	<0.05	5	<0.5
TSL 39169	Soil	0.070	27	40	0.88	405	0.105	2	1.96	0.015	0.31	<0.1	0.01	4.5	0.1	<0.05	6	<0.5
TSL 39171	Soil	0.070	43	34	0.44	277	0.064	1	1.53	0.011	0.17	0.1	0.06	4.9	0.2	<0.05	5	0.6
TSL 39172	Soil	0.071	18	29	0.56	246	0.084	<1	1.33	0.021	0.10	0.2	0.03	3.3	<0.1	<0.05	4	<0.5
TSL 39173	Soil	0.070	13	27	0.56	277	0.084	2	1.36	0.019	0.08	0.2	0.02	3.4	<0.1	<0.05	4	<0.5
TSL 39175	Soil	0.050	12	33	0.52	266	0.080	<1	1.75	0.017	0.06	<0.1	0.03	3.5	<0.1	<0.05	5	<0.5
TSL 39218	Soil	0.047	24	42	0.55	300	0.077	2	1.79	0.010	0.16	<0.1	0.03	3.7	0.2	<0.05	6	0.5
TSL 39219	Soil	0.050	30	44	0.63	246	0.098	1	1.81	0.009	0.30	0.1	<0.01	3.0	0.2	<0.05	6	<0.5
TSL 39220	Soil	0.050	30	37	0.54	200	0.085	2	1.47	0.008	0.29	<0.1	0.02	3.3	0.3	<0.05	5	<0.5
TSL 39221	Soil	0.052	31	35	0.51	222	0.091	2	1.54	0.012	0.16	0.1	0.02	5.0	0.2	<0.05	5	0.9
TSL 39222	Soil	0.059	35	46	0.53	177	0.086	2	1.65	0.012	0.19	<0.1	0.01	4.8	0.2	<0.05	5	0.8
TSL 39223	Soil	0.059	30	50	0.64	222	0.121	2	2.07	0.014	0.30	0.1	0.04	4.9	0.3	<0.05	7	<0.5
TSL 39224	Soil	0.048	31	41	0.54	194	0.111	1	1.68	0.014	0.21	0.2	0.02	4.1	0.2	<0.05	5	0.7
TSL 39225	Soil	0.052	23	37	0.50	217	0.078	2	1.89	0.016	0.10	0.2	0.04	4.0	0.1	<0.05	6	1.3
TSL 39226	Soil	0.058	27	39	0.52	266	0.098	3	1.88	0.021	0.09	0.2	0.04	4.2	0.1	<0.05	6	0.8
TSL 40893	Soil	0.063	12	30	0.52	185	0.091	2	1.64	0.025	0.05	0.2	0.03	3.6	<0.1	<0.05	5	0.6
TSL 40895	Soil	0.068	15	33	0.55	266	0.095	2	1.70	0.031	0.06	0.1	0.02	3.9	<0.1	<0.05	5	1.3
TSL 40896	Soil	0.070	14	31	0.57	276	0.098	2	1.58	0.035	0.07	0.2	0.04	4.4	<0.1	<0.05	5	1.1
TSL 38136	Soil	0.075	6	77	1.13	483	0.097	3	2.22	0.018	0.65	<0.1	0.01	11.3	0.4	<0.05	9	0.6
TSL 38137	Soil	0.081	9	48	0.74	266	0.077	3	1.71	0.020	0.43	<0.1	0.08	12.0	0.8	<0.05	7	0.5
TSL 38300	Soil	0.079	30	44	0.83	404	0.127	3	1.95	0.024	0.25	<0.1	0.06	8.6	0.2	<0.05	7	1.3



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QUALITY CONTROL REPORT

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	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
Pulp Duplicates																				
TSL 45198	Soil		0.6	34.8	9.6	85	<0.1	13.6	12.3	477	2.90	4.8	0.5	1.4	2.3	22	<0.1	0.2	0.1	62
REP TSL 45198	QC		0.6	33.8	9.3	81	<0.1	13.5	11.8	456	2.76	4.7	0.5	1.5	2.2	21	0.1	0.2	0.1	60
TSL 45187	Soil		0.7	27.1	11.2	116	<0.1	10.6	15.2	649	3.44	3.1	0.2	<0.5	0.9	16	<0.1	0.1	<0.1	45
REP TSL 45187	QC		0.7	27.7	10.5	121	<0.1	9.8	14.9	648	3.48	2.9	0.2	<0.5	0.8	16	<0.1	0.1	<0.1	43
TSL 42007	Soil		0.9	23.7	12.0	94	<0.1	11.0	9.6	452	2.92	6.6	0.6	1.4	2.1	20	0.1	0.2	0.2	55
REP TSL 42007	QC		0.9	22.8	12.1	93	<0.1	11.5	9.3	434	3.05	6.4	0.7	1.1	2.2	20	0.1	0.3	0.2	58
TSL 39377	Soil		0.6	16.5	18.7	80	<0.1	11.2	5.4	213	2.36	4.7	0.8	1.5	1.7	19	0.1	0.2	0.2	60
REP TSL 39377	QC		0.7	17.0	19.5	86	0.1	11.7	5.5	220	2.31	5.2	0.8	1.9	1.8	20	0.1	0.2	0.2	62
TSL 45093	Soil		0.8	31.1	5.6	127	0.1	8.9	7.9	382	2.56	7.6	0.4	1.3	2.1	13	0.4	0.3	0.1	41
REP TSL 45093	QC		0.8	29.9	5.6	125	<0.1	8.8	7.4	366	2.41	7.8	0.4	0.7	2.0	13	0.4	0.3	0.1	38
TSL 42100	Soil		0.6	40.9	10.2	176	<0.1	9.3	8.8	376	3.10	3.6	0.5	2.4	1.4	16	0.2	0.2	0.1	67
REP TSL 42100	QC		0.7	39.7	9.7	178	<0.1	9.5	8.5	382	3.10	3.5	0.5	0.7	1.2	16	0.2	0.1	0.1	66
TSL 42061	Soil		1.3	72.7	21.6	243	<0.1	21.5	14.3	500	4.54	5.6	0.7	2.0	3.1	26	0.3	0.2	0.2	89
REP TSL 42061	QC		1.1	72.9	21.8	243	<0.1	22.0	14.3	506	4.69	5.9	0.7	3.1	3.0	25	0.3	0.2	0.2	89
TSL 39477	Soil		0.7	28.0	8.0	96	<0.1	9.8	12.2	463	3.50	5.1	0.3	<0.5	1.0	31	<0.1	0.2	<0.1	59
REP TSL 39477	QC		0.6	29.1	8.1	99	<0.1	10.5	13.6	489	3.79	5.3	0.3	3.9	1.2	33	<0.1	0.2	<0.1	66
TSL 40715	Soil		0.4	41.3	3.6	69	<0.1	8.7	15.5	306	3.99	3.8	0.3	<0.5	1.3	11	<0.1	0.1	<0.1	125
REP TSL 40715	QC		0.4	42.7	3.7	68	<0.1	8.9	16.3	316	3.96	4.0	0.3	<0.5	1.4	12	<0.1	0.1	<0.1	123
TSL 40757	Soil		0.7	35.8	8.9	55	<0.1	17.9	12.8	258	3.14	11.9	0.6	2.1	2.5	25	<0.1	0.3	0.1	83
REP TSL 40757	QC		0.7	34.9	8.9	54	<0.1	17.3	13.2	254	3.20	11.7	0.6	1.1	2.2	23	<0.1	0.3	0.1	83
TSL 38288	Soil		1.1	21.7	8.4	63	<0.1	15.3	10.9	312	2.92	5.5	0.6	1.0	2.4	17	<0.1	0.2	0.1	76
REP TSL 38288	QC		1.1	21.7	8.6	67	<0.1	15.0	13.0	326	3.01	6.5	0.5	3.0	2.3	17	0.1	0.2	0.1	80
TSL 38124	Soil		0.7	35.6	5.9	43	<0.1	17.6	12.0	329	2.74	5.8	1.0	2.5	3.1	26	<0.1	0.2	0.1	81
REP TSL 38124	QC		0.7	33.4	5.8	43	<0.1	17.7	11.7	309	2.68	6.0	1.2	<0.5	3.1	24	<0.1	0.2	0.1	79
TSL 38131	Soil		0.4	43.2	7.8	72	<0.1	23.9	22.3	402	4.74	2.0	0.6	<0.5	2.3	14	<0.1	<0.1	<0.1	119
REP TSL 38131	QC		0.3	39.8	7.2	73	<0.1	24.9	20.9	398	4.89	2.1	0.5	0.8	2.3	13	<0.1	<0.1	<0.1	120
TSL 40414	Soil		1.7	18.5	21.8	39	0.3	13.5	6.5	220	3.45	11.5	0.6	3.9	2.1	30	<0.1	0.4	0.1	42
REP TSL 40414	QC		1.9	17.8	24.0	38	0.3	14.7	6.5	220	3.82	12.3	0.6	5.1	2.5	31	<0.1	0.4	0.1	43



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	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
Pulp Duplicates																		
TSL 45198	Soil	0.030	10	19	0.59	216	0.106	<1	1.48	0.018	0.17	<0.1	0.01	3.8	<0.1	<0.05	5	0.5
REP TSL 45198	QC	0.027	10	19	0.56	214	0.103	<1	1.36	0.016	0.16	0.1	0.01	3.6	<0.1	<0.05	5	0.5
TSL 45187	Soil	0.103	3	10	0.75	261	0.087	<1	1.89	0.022	0.46	<0.1	<0.01	5.6	<0.1	<0.05	7	0.7
REP TSL 45187	QC	0.098	3	10	0.74	261	0.089	<1	1.92	0.019	0.47	<0.1	<0.01	5.6	<0.1	<0.05	7	<0.5
TSL 42007	Soil	0.050	10	23	0.50	183	0.100	<1	1.77	0.015	0.10	0.1	0.02	4.4	<0.1	<0.05	7	<0.5
REP TSL 42007	QC	0.047	10	22	0.48	183	0.100	1	1.67	0.016	0.11	0.1	0.02	4.5	<0.1	<0.05	6	<0.5
TSL 39377	Soil	0.046	10	25	0.64	134	0.085	2	1.45	0.014	0.05	0.1	0.02	3.6	0.1	<0.05	6	<0.5
REP TSL 39377	QC	0.048	10	28	0.66	137	0.092	1	1.64	0.016	0.06	0.1	0.02	3.8	<0.1	<0.05	7	<0.5
TSL 45093	Soil	0.018	6	16	0.43	283	0.063	<1	1.34	0.014	0.19	0.1	0.01	4.2	<0.1	<0.05	5	<0.5
REP TSL 45093	QC	0.018	6	14	0.42	288	0.062	1	1.31	0.016	0.19	0.1	0.01	4.2	<0.1	<0.05	5	<0.5
TSL 42100	Soil	0.055	6	16	0.61	196	0.141	1	1.72	0.018	0.40	0.1	0.03	3.8	0.1	<0.05	7	0.5
REP TSL 42100	QC	0.051	6	16	0.61	191	0.137	2	1.65	0.019	0.41	0.1	0.03	3.9	0.1	0.06	7	<0.5
TSL 42061	Soil	0.048	12	55	1.47	416	0.084	1	2.32	0.021	0.22	<0.1	0.02	7.0	0.1	0.05	9	0.9
REP TSL 42061	QC	0.046	11	56	1.39	421	0.083	<1	2.31	0.021	0.22	<0.1	0.02	7.1	0.1	<0.05	8	0.9
TSL 39477	Soil	0.053	4	16	0.74	226	0.147	1	1.91	0.014	0.33	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5
REP TSL 39477	QC	0.053	5	18	0.82	239	0.163	1	2.00	0.015	0.37	<0.1	0.02	3.2	<0.1	<0.05	7	<0.5
TSL 40715	Soil	0.042	5	11	1.05	252	0.162	<1	2.15	0.018	0.50	<0.1	<0.01	4.4	0.2	<0.05	7	<0.5
REP TSL 40715	QC	0.043	5	12	1.02	256	0.169	<1	2.27	0.021	0.53	<0.1	<0.01	4.6	0.2	<0.05	8	<0.5
TSL 40757	Soil	0.025	9	37	0.71	295	0.116	<1	1.89	0.017	0.13	<0.1	0.01	4.3	0.1	<0.05	6	<0.5
REP TSL 40757	QC	0.025	8	37	0.74	285	0.113	<1	1.86	0.017	0.14	<0.1	0.01	4.3	0.1	<0.05	6	<0.5
TSL 38288	Soil	0.045	8	36	0.65	219	0.096	3	1.56	0.016	0.07	0.1	0.02	2.9	0.1	<0.05	6	<0.5
REP TSL 38288	QC	0.045	8	38	0.66	222	0.102	<1	1.54	0.016	0.07	0.1	0.03	3.1	0.1	<0.05	5	<0.5
TSL 38124	Soil	0.051	12	37	0.65	356	0.122	<1	1.55	0.024	0.08	0.2	0.03	4.3	<0.1	<0.05	6	<0.5
REP TSL 38124	QC	0.052	12	35	0.66	354	0.120	1	1.57	0.025	0.08	0.1	0.02	4.2	<0.1	<0.05	6	<0.5
TSL 38131	Soil	0.128	8	69	1.45	404	0.197	1	2.17	0.020	0.95	<0.1	<0.01	4.7	0.4	<0.05	10	<0.5
REP TSL 38131	QC	0.137	8	66	1.47	407	0.190	<1	1.97	0.019	0.95	<0.1	<0.01	4.3	0.3	<0.05	9	<0.5
TSL 40414	Soil	0.034	10	22	0.33	234	0.045	<1	1.16	0.122	0.10	0.1	0.11	3.2	0.1	0.39	4	<0.5
REP TSL 40414	QC	0.032	10	21	0.37	256	0.046	1	1.16	0.128	0.11	<0.1	0.11	3.1	<0.1	0.45	4	<0.5



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Project: TSL
Report Date: July 24, 2009

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		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 42082	Soil		1.1	25.9	15.0	58	<0.1	15.2	9.0	298	2.99	9.1	0.7	2.3	3.6	15	<0.1	0.3	0.2	57	0.21
REP TSL 42082	QC		1.0	26.3	15.5	58	<0.1	15.4	8.8	312	3.10	8.7	0.7	2.6	3.6	16	0.1	0.3	0.2	60	0.23
TSL 39172	Soil		0.6	25.8	8.0	70	<0.1	21.5	10.7	290	2.38	5.9	0.8	8.2	3.3	27	0.2	0.3	0.1	56	0.42
REP TSL 39172	QC		0.7	25.0	8.1	66	<0.1	20.0	10.5	297	2.30	5.8	0.9	2.3	3.6	29	0.2	0.3	0.1	56	0.46
Reference Materials																					
STD DS7	Standard		21.3	108.4	68.8	405	0.9	57.4	10.0	620	2.42	51.6	4.7	74.5	4.4	72	6.2	5.7	4.7	83	0.93
STD DS7	Standard		20.6	106.9	68.1	376	0.8	52.4	9.4	641	2.41	49.5	5.2	69.4	4.5	80	7.0	6.2	4.8	84	1.00
STD DS7	Standard		22.2	109.6	66.6	399	0.8	60.8	9.7	654	2.54	56.0	4.8	71.3	4.1	79	7.0	6.5	4.8	85	0.99
STD DS7	Standard		22.6	118.4	71.5	438	0.8	61.4	10.6	667	2.65	58.6	5.0	69.5	4.5	80	6.8	6.2	5.1	88	0.99
STD DS7	Standard		21.9	117.1	65.6	401	0.8	64.0	10.3	628	2.47	52.2	4.7	75.3	4.1	69	6.4	5.5	4.6	83	0.87
STD DS7	Standard		22.2	116.6	67.7	406	0.9	58.5	10.3	651	2.48	51.4	4.9	63.9	4.5	76	6.6	5.7	4.7	89	0.99
STD DS7	Standard		22.3	110.4	71.6	413	0.9	57.5	10.0	675	2.42	50.9	4.7	68.0	4.5	86	6.5	6.1	4.7	86	1.00
STD DS7	Standard		18.2	105.7	67.2	391	0.8	54.7	9.7	638	2.47	50.3	4.7	63.0	4.1	68	6.2	5.9	4.5	81	0.94
STD DS7	Standard		21.8	107.4	78.3	400	0.9	58.9	9.8	681	2.62	52.0	5.7	79.9	5.3	91	6.5	6.5	4.8	88	1.08
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



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Report Date: July 24, 2009

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QUALITY CONTROL REPORT

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		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 42082	Soil	0.027	12	26	0.57	300	0.077	<1	1.63	0.010	0.11	0.1	0.02	3.5	<0.1	<0.05	7	<0.5
REP TSL 42082	QC	0.028	12	27	0.59	305	0.077	2	1.67	0.010	0.11	<0.1	0.02	3.6	<0.1	<0.05	7	<0.5
TSL 39172	Soil	0.071	18	29	0.56	246	0.084	<1	1.33	0.021	0.10	0.2	0.03	3.3	<0.1	<0.05	4	<0.5
REP TSL 39172	QC	0.069	18	30	0.56	252	0.087	<1	1.35	0.021	0.10	0.2	0.03	3.6	0.1	0.07	4	<0.5
Reference Materials																		
STD DS7	Standard	0.075	14	211	1.02	407	0.116	39	1.03	0.106	0.48	3.6	0.21	2.5	4.1	0.20	5	3.5
STD DS7	Standard	0.087	15	209	1.11	409	0.133	39	1.18	0.117	0.51	3.5	0.20	2.6	4.4	0.21	5	3.9
STD DS7	Standard	0.083	13	220	1.05	441	0.122	41	1.08	0.111	0.52	3.8	0.19	2.5	4.2	0.16	5	3.9
STD DS7	Standard	0.094	14	218	1.11	444	0.121	43	1.08	0.112	0.52	3.8	0.19	2.5	4.5	0.21	5	3.6
STD DS7	Standard	0.078	12	204	1.05	409	0.115	40	1.07	0.099	0.45	3.8	0.20	2.3	4.2	0.20	5	3.7
STD DS7	Standard	0.076	14	239	1.03	416	0.127	40	1.10	0.108	0.48	3.8	0.22	2.4	4.1	0.22	5	3.6
STD DS7	Standard	0.074	14	226	1.07	420	0.128	36	1.09	0.096	0.46	4.1	0.19	2.5	4.8	0.23	5	3.7
STD DS7	Standard	0.071	11	209	0.97	351	0.111	31	1.02	0.095	0.46	3.2	0.20	2.3	4.0	0.22	5	3.5
STD DS7	Standard	0.079	16	236	1.15	433	0.142	41	1.18	0.121	0.49	4.2	0.21	2.8	4.5	0.22	5	4.9
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