



ALS Canada Ltd.

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To: TRIUMPH GOLD CORP.
1111 MELVILLE STREET
SUITE 1100
VANCOUVER BC V6E 3V6

Page: 1
Total # Pages: 9 (A - D)
Plus Appendix Pages
Finalized Date: 10-SEP-2023
Account: NOFREG

CERTIFICATE WH23226506

Project: Tad Toro and Big Creek

This report is for 315 samples of Soil submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2023.

The following have access to data associated with this certificate:

JESSE HALLE

MARTY HENNING

GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
WEI-21	Received Sample Weight
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations

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CERTIFICATE OF ANALYSIS WH23226506

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.005	0.001	0.002	0.005	0.0002	0.01	0.005	0.005	0.003	0.01	0.01	0.005	0.003	0.002

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CERTIFICATE OF ANALYSIS WH23226506

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		Ti	Ti	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	kg
		0.001	0.001	0.005	0.1	0.001	0.003	0.1	0.01
									0.02
TTL1-0000		0.016	0.211	6.08	35.7	0.154	7.47	92.4	1.94
TTL1-0050		0.003	0.258	36.2	23.5	0.109	81.4	577	1.70
TTL1-0100		0.009	0.185	23.0	29.0	0.152	26.6	488	1.99
TTL1-0150		0.028	0.228	1.290	67.7	0.149	3.09	151.5	0.50
TTL1-0200		0.012	0.251	1.340	55.0	0.151	3.67	154.0	0.17
TTL1-0250		0.024	0.319	2.05	65.4	0.124	4.15	286	1.28



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		Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001	0.01	0.005	0.01
TTL1-0300		0.0017	1.525	1.74	100.5	<10	91.4	0.71	0.333	0.07	0.360	39.9	8.43	16.30	7.53	8.72
TTL1-0350		0.0127	0.571	2.06	48.8	<10	189.5	0.51	0.231	0.15	0.811	23.8	10.40	33.3	6.47	10.90
TTL1-0400		0.0008	0.438	2.05	13.85	<10	207	0.38	0.233	0.13	0.703	21.5	8.47	30.2	5.29	11.05
TTL1-0450		0.0005	1.010	2.00	19.25	<10	187.0	0.41	0.226	0.12	0.650	24.2	8.65	27.2	3.34	12.20
TTL1-0500		0.0018	0.392	1.98	48.5	<10	166.5	0.67	0.210	0.14	0.447	29.5	9.28	29.7	5.94	12.65
TTL1-0550		0.0008	0.487	2.12	29.4	<10	298	0.49	0.272	0.24	0.993	23.3	10.60	31.3	3.03	14.20
TTL1-0600		0.0009	0.273	1.98	65.8	<10	277	0.74	0.223	0.16	0.420	37.8	6.75	22.6	2.96	12.05
TTL1-0650		0.0002	0.754	1.58	30.7	<10	233	0.40	0.203	0.16	0.355	30.8	6.03	19.75	2.44	10.15
TTL1-0700		0.0005	2.84	1.82	42.6	<10	237	0.47	0.245	0.31	0.365	28.7	10.20	24.7	2.47	10.75
TTL1-0750		0.0027	2.50	1.56	146.0	<10	192.5	0.79	0.1865	0.32	0.399	31.4	6.22	26.5	5.42	10.65
TTL1-0800		0.0016	1.435	2.44	98.0	<10	707	3.22	0.258	1.05	1.050	119.0	9.21	34.0	9.71	33.3
TTL1-0850		<0.0002	0.135	1.24	12.25	<10	135.0	0.54	0.0932	0.11	0.431	34.6	4.57	15.80	4.15	6.64
TTL1-0900		<0.0002	0.245	1.68	10.60	<10	179.5	0.34	0.1855	0.14	0.754	18.80	4.67	22.2	2.17	9.22
TTL1-0950		<0.0002	0.218	1.88	9.58	<10	195.5	0.95	0.1450	0.17	0.791	32.7	7.49	25.4	4.61	10.05
TTL2-0000		0.0016	0.414	3.04	39.6	<10	130.0	0.61	0.224	0.14	0.236	21.9	7.27	40.8	2.26	14.85
TTL2-0050		0.0020	3.81	0.64	20.6	<10	388	0.68	0.1025	0.54	5.48	10.15	1.600	6.77	2.32	16.15
TTL2-0100		0.0016	0.929	1.24	95.3	<10	202	0.64	0.330	0.10	0.787	39.1	3.79	15.10	4.96	9.99
TTL2-0150		0.0135	1.770	1.50	170.0	<10	151.0	0.78	0.332	0.12	3.40	39.5	8.67	23.1	4.47	10.20
TTL2-0200		0.0023	4.73	2.53	62.2	<10	128.5	0.53	0.234	0.13	0.887	23.7	9.76	37.7	3.50	15.70
TTL2-0250		0.0007	2.26	2.49	28.8	<10	224	0.55	0.232	0.14	1.285	22.7	9.55	33.1	6.38	16.25
TTL2-0300		0.0033	0.697	1.50	146.0	<10	112.0	0.87	0.212	0.11	1.035	39.5	8.66	22.0	5.52	9.42
TTL2-0350		0.0008	8.04	1.69	125.0	<10	368	0.76	0.1875	0.31	5.83	40.9	7.98	18.55	4.00	10.20
TTL2-0400		0.0037	0.818	1.86	31.7	<10	322	0.47	0.205	0.19	2.61	30.9	8.16	24.9	2.84	10.80
TTL2-0450		0.0046	0.877	2.37	22.6	<10	371	0.65	0.206	0.24	0.816	27.6	10.05	31.1	4.18	12.55
TTL2-0500		0.0004	1.170	1.99	16.65	<10	290	0.44	0.216	0.19	1.260	24.3	11.20	27.6	2.19	13.45
TTL2-0550		0.0008	1.415	1.63	63.5	<10	268	0.54	0.204	0.25	1.780	25.4	9.26	19.85	3.26	9.72
TTL2-0600		0.0004	1.130	1.56	44.9	<10	209	0.51	0.1955	0.14	0.765	28.8	4.96	17.90	1.860	8.06
TTL2-0650		0.0005	0.844	1.67	79.0	<10	245	0.71	0.1620	0.14	0.548	36.9	6.43	17.55	2.31	9.46
TTL2-0700		0.0013	0.522	1.63	85.3	<10	243	0.82	0.1545	0.22	0.506	37.3	5.10	15.50	2.84	9.15
TTL2-0750		0.0006	1.845	1.60	51.0	<10	258	0.48	0.1740	0.25	0.754	25.3	7.64	22.0	1.880	10.20
TTL2-0800		0.0131	3.16	0.96	115.0	10	624	1.62	0.1340	2.58	4.27	19.60	7.03	6.92	8.95	15.35
TTL2-0850		<0.0002	0.043	0.64	6.64	<10	113.0	0.39	0.0515	0.22	0.207	30.1	2.63	6.73	2.81	3.44
TTL2-0900		<0.0002	0.345	1.72	7.52	<10	226	0.55	0.1760	0.22	1.280	15.60	6.36	23.7	3.26	9.08
TTL2-0950		<0.0002	0.247	1.28	6.99	<10	106.5	0.34	0.1495	0.16	0.511	18.10	3.87	16.40	2.13	6.40
TTL2-BLNK																
TTL3-0000		0.0049	0.614	1.90	232	<10	187.0	0.95	0.292	0.09	0.610	32.7	8.29	20.3	5.43	10.35
TTL3-0050		0.0110	1.610	2.54	155.0	<10	193.5	1.26	0.251	0.11	0.415	24.3	8.04	25.7	6.85	12.95
TTL3-0100		0.0004	0.503	1.77	140.0	<10	110.0	0.90	0.266	0.04	0.281	15.00	5.34	10.45	9.74	6.91
TTL3-0150		0.0064	1.975	2.91	173.0	<10	178.5	1.26	0.267	0.17	1.080	31.1	13.00	31.1	4.38	14.00
TTL3-0200		0.0047	9.46	2.71	367	<10	115.5	0.99	0.417	0.07	2.09	43.2	8.65	25.1	3.25	16.40



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		Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002
TTL1-0300		3.30	6.93	0.044	0.013	0.050	0.037	0.07	21.0	7.5	0.14	1400	1.41	0.007	1.445
TTL1-0350		4.14	8.74	0.035	0.017	0.026	0.029	0.07	12.30	14.2	0.36	1010	1.64	0.011	1.765
TTL1-0400		3.72	10.20	0.033	0.026	0.032	0.028	0.05	10.20	15.3	0.29	754	1.47	0.014	2.19
TTL1-0450		3.28	9.25	0.034	0.018	0.036	0.026	0.05	12.35	11.0	0.25	913	1.48	0.011	1.625
TTL1-0500		3.17	7.99	0.035	0.032	0.033	0.029	0.08	13.55	13.2	0.35	1275	1.36	0.011	1.660
TTL1-0550		3.38	8.63	0.035	0.024	0.031	0.032	0.09	11.40	15.5	0.40	1590	1.31	0.016	1.650
TTL1-0600		2.88	6.97	0.042	0.027	0.020	0.029	0.07	19.45	9.2	0.28	959	1.17	0.015	1.245
TTL1-0650		2.79	7.63	0.035	0.008	0.036	0.021	0.05	15.80	9.2	0.23	752	1.34	0.014	1.270
TTL1-0700		3.19	7.90	0.035	0.021	0.036	0.027	0.06	14.80	10.4	0.26	1945	1.44	0.015	1.540
TTL1-0750		2.41	5.47	0.044	0.013	0.039	0.022	0.09	21.6	12.7	0.43	758	1.04	0.014	1.425
TTL1-0800		3.23	6.80	0.352	0.026	0.099	0.038	0.21	174.5	13.4	0.30	1900	1.50	0.027	1.540
TTL1-0850		3.11	4.42	0.043	0.003	0.015	0.030	0.11	18.15	8.6	0.18	295	1.56	0.010	0.611
TTL1-0900		2.76	7.35	0.029	0.011	0.018	0.023	0.06	9.10	10.8	0.28	271	1.06	0.011	1.225
TTL1-0950		2.85	7.12	0.047	0.013	0.021	0.030	0.07	18.75	16.3	0.39	457	0.96	0.013	1.060
TTL2-0000		3.93	8.21	0.041	0.078	0.036	0.029	0.06	10.70	16.4	0.34	363	2.08	0.013	1.965
TTL2-0050		1.050	1.410	0.023	0.006	0.130	0.017	0.05	5.39	0.7	0.06	95.3	1.02	0.021	0.302
TTL2-0100		2.72	6.75	0.048	0.006	0.040	0.019	0.07	23.7	5.8	0.14	435	1.98	0.012	1.240
TTL2-0150		3.15	5.49	0.045	0.005	0.051	0.051	0.09	19.95	7.1	0.22	2990	1.75	0.010	0.884
TTL2-0200		3.98	7.98	0.039	0.080	0.061	0.041	0.07	10.85	17.5	0.41	448	1.95	0.003	1.580
TTL2-0250		3.52	8.15	0.037	0.063	0.049	0.035	0.05	10.75	13.6	0.36	517	1.37	0.003	1.395
TTL2-0300		3.03	4.35	0.043	0.035	0.025	0.039	0.10	20.9	10.7	0.24	1520	1.32	0.003	1.225
TTL2-0350		3.02	5.65	0.043	0.021	0.067	0.031	0.09	21.6	10.8	0.18	2520	2.67	<0.001	0.825
TTL2-0400		3.29	7.49	0.036	0.025	0.028	0.029	0.07	16.55	12.1	0.31	944	1.12	0.002	1.320
TTL2-0450		3.48	7.64	0.035	0.036	0.028	0.036	0.06	15.15	13.1	0.37	748	1.24	0.002	1.185
TTL2-0500		3.00	6.97	0.028	0.008	0.050	0.024	0.08	12.15	11.2	0.33	1775	1.18	0.003	0.926
TTL2-0550		2.96	7.02	0.031	0.011	0.052	0.027	0.08	11.40	9.9	0.23	1920	1.28	0.004	1.340
TTL2-0600		2.62	6.27	0.029	0.012	0.026	0.022	0.07	15.45	8.8	0.21	553	1.46	0.002	0.959
TTL2-0650		2.77	5.37	0.039	0.030	0.027	0.028	0.06	20.0	10.5	0.22	921	2.34	0.002	0.889
TTL2-0700		2.60	5.06	0.033	0.035	0.038	0.030	0.06	20.0	8.6	0.23	703	1.20	0.002	1.170
TTL2-0750		2.67	5.92	0.030	0.017	0.047	0.020	0.09	12.55	9.9	0.27	1715	1.31	0.005	1.115
TTL2-0800		1.630	2.00	0.046	0.149	0.176	0.015	0.09	15.85	3.1	0.20	3070	2.32	<0.001	0.600
TTL2-0850		1.970	2.33	0.030	0.011	0.007	0.017	0.08	16.00	3.7	0.12	164.0	0.76	0.003	0.347
TTL2-0900		3.01	7.05	0.038	0.012	0.019	0.025	0.08	8.24	11.3	0.31	370	1.02	0.002	1.250
TTL2-0950		2.45	6.80	0.035	0.011	0.017	0.011	0.06	9.54	10.4	0.25	224	1.13	0.001	1.180
TTL2-BLNK															
TTL3-0000		3.13	4.88	0.046	0.087	0.035	0.039	0.10	16.90	9.6	0.27	887	2.07	0.001	1.230
TTL3-0050		3.34	5.74	0.042	0.076	0.084	0.040	0.09	12.80	12.3	0.30	766	1.63	0.002	1.485
TTL3-0100		3.35	2.54	0.036	0.062	0.016	0.027	0.08	8.02	7.0	0.06	600	2.17	<0.001	0.597
TTL3-0150		3.29	5.26	0.053	0.105	0.071	0.034	0.10	16.45	11.3	0.32	760	1.66	0.004	1.495
TTL3-0200		4.12	5.65	0.056	0.094	0.103	0.080	0.09	22.3	11.6	0.14	3890	2.12	0.003	1.235



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		P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
		0.001	0.005	0.001	0.002	0.005	0.0002	0.01	0.005	0.005	0.003	0.01	0.01	0.005	0.003	0.002
TTL1-0300		0.046	98.4	0.001	<0.002	15.95	<0.0002	0.01	3.42	3.00	0.281	0.87	8.37	<0.005	0.025	12.00
TTL1-0350		0.059	43.5	<0.001	<0.002	18.70	<0.0002	0.01	2.32	3.17	0.204	0.76	16.55	<0.005	0.038	5.27
TTL1-0400		0.035	19.05	0.002	<0.002	12.50	<0.0002	0.01	1.175	3.33	0.120	1.10	12.40	<0.005	0.036	3.83
TTL1-0450		0.037	24.0	<0.001	<0.002	12.45	<0.0002	0.01	1.020	3.02	0.120	0.96	10.90	<0.005	0.030	3.97
TTL1-0500		0.038	26.4	<0.001	<0.002	25.1	<0.0002	0.01	1.425	3.63	0.166	0.84	13.45	<0.005	0.027	9.59
TTL1-0550		0.029	26.5	0.002	<0.002	18.85	<0.0002	0.01	2.12	3.71	0.118	0.93	21.8	<0.005	0.031	5.06
TTL1-0600		0.030	25.0	0.001	<0.002	14.70	<0.0002	0.01	1.865	3.14	0.144	0.77	17.05	<0.005	0.024	13.05
TTL1-0650		0.038	18.45	<0.001	<0.002	12.80	<0.0002	0.01	1.570	2.15	0.119	0.82	16.30	<0.005	0.027	4.05
TTL1-0700		0.024	22.5	0.002	<0.002	15.50	<0.0002	0.01	1.420	3.04	0.143	0.87	24.8	<0.005	0.030	7.31
TTL1-0750		0.023	26.7	<0.001	<0.002	16.15	<0.0002	0.01	2.73	2.91	0.116	0.58	29.7	<0.005	0.019	8.54
TTL1-0800		0.073	30.5	<0.001	<0.002	25.4	0.0007	0.02	3.28	7.05	0.341	0.70	80.2	<0.005	0.029	15.35
TTL1-0850		0.046	15.05	<0.001	<0.002	13.40	<0.0002	0.01	1.570	1.505	0.080	0.52	11.95	<0.005	0.018	1.615
TTL1-0900		0.028	15.80	<0.001	<0.002	8.86	<0.0002	0.01	0.889	2.33	0.083	0.70	14.50	<0.005	0.025	1.825
TTL1-0950		0.056	17.85	0.001	<0.002	13.30	<0.0002	0.01	0.626	2.77	0.067	0.66	15.85	<0.005	0.020	2.91
TTL2-0000		0.049	16.00	0.001	<0.002	12.70	<0.0002	0.01	1.640	4.07	0.331	0.72	14.30	0.014	0.039	4.57
TTL2-0050		0.114	216	<0.001	<0.002	4.96	<0.0002	0.13	1.380	0.745	0.289	0.16	48.1	<0.005	0.029	0.218
TTL2-0100		0.039	30.5	<0.001	<0.002	12.95	<0.0002	0.02	2.21	1.995	0.124	0.69	13.65	<0.005	0.057	3.47
TTL2-0150		0.039	496	0.002	<0.002	16.25	<0.0002	0.03	27.3	2.08	0.268	0.59	19.65	<0.005	0.130	7.71
TTL2-0200		0.038	126.5	0.001	<0.002	13.75	<0.0002	0.02	2.90	4.12	0.271	0.78	13.55	0.008	0.055	6.52
TTL2-0250		0.026	79.5	<0.001	<0.002	12.80	<0.0002	0.02	1.340	3.69	0.220	0.85	14.10	<0.005	0.040	6.53
TTL2-0300		0.048	127.0	<0.001	<0.002	20.4	<0.0002	0.06	5.47	2.96	0.203	0.57	22.1	<0.005	0.029	15.55
TTL2-0350		0.050	382	<0.001	<0.002	28.1	<0.0002	0.04	21.1	2.00	0.203	0.66	32.6	<0.005	0.034	8.80
TTL2-0400		0.032	44.9	0.002	<0.002	13.05	<0.0002	0.02	1.745	3.10	0.118	0.89	18.75	<0.005	0.036	7.57
TTL2-0450		0.029	36.9	0.001	<0.002	13.70	<0.0002	0.02	1.095	3.54	0.146	0.84	22.1	<0.005	0.035	7.95
TTL2-0500		0.031	26.1	<0.001	<0.002	12.55	<0.0002	0.02	1.015	2.61	0.178	0.77	17.70	<0.005	0.032	1.820
TTL2-0550		0.036	44.2	<0.001	<0.002	16.05	<0.0002	0.02	1.370	2.29	0.160	0.86	20.9	<0.005	0.035	4.73
TTL2-0600		0.035	25.4	<0.001	<0.002	10.50	<0.0002	0.02	1.710	2.02	0.089	0.75	16.20	<0.005	0.027	5.63
TTL2-0650		0.027	26.2	0.002	<0.002	12.10	<0.0002	0.02	3.37	2.71	0.152	0.65	21.3	<0.005	0.025	13.35
TTL2-0700		0.028	27.1	<0.001	<0.002	10.90	<0.0002	0.02	2.34	2.47	0.139	0.69	23.5	0.006	0.024	13.25
TTL2-0750		0.026	21.9	0.001	<0.002	14.60	<0.0002	0.02	1.585	2.33	0.137	0.67	23.4	<0.005	0.030	4.80
TTL2-0800		0.096	13.75	0.001	<0.002	11.75	0.0009	0.20	3.80	2.04	0.554	0.21	214	0.005	0.019	4.46
TTL2-0850		0.024	11.65	<0.001	<0.002	9.76	<0.0002	0.01	1.385	1.100	0.028	0.48	22.4	<0.005	0.009	2.63
TTL2-0900		0.032	21.3	<0.001	<0.002	11.05	<0.0002	0.02	0.584	2.19	0.048	0.63	19.10	<0.005	0.020	1.055
TTL2-0950		0.022	18.40	<0.001	<0.002	10.70	<0.0002	0.02	0.725	1.920	0.038	0.59	15.35	<0.005	0.018	1.880
TTL2-BLNK																
TTL3-0000		0.027	101.5	<0.001	<0.002	17.85	<0.0002	0.02	4.73	2.69	0.198	0.42	17.60	<0.005	0.039	15.20
TTL3-0050		0.042	70.8	0.002	<0.002	16.25	<0.0002	0.03	1.895	2.89	0.261	0.53	14.20	<0.005	0.198	11.55
TTL3-0100		0.030	43.1	0.001	<0.002	13.85	<0.0002	0.02	6.66	2.07	0.160	0.25	12.90	<0.005	0.069	4.25
TTL3-0150		0.054	79.9	<0.001	<0.002	16.85	<0.0002	0.03	2.41	3.56	0.363	0.45	19.15	0.010	0.110	10.85
TTL3-0200		0.056	1040	0.007	0.003	19.70	0.0002	0.05	6.89	3.15	0.457	0.53	14.40	0.009	0.144	14.25



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Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	WEI-21	
		Ti	Ti	U	V	W	Y	Zn	Zr	
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Recvd Wt.
		0.001	0.001	0.005	0.1	0.001	0.003	0.1	0.01	kg 0.02
TTL1-0300		0.017	0.370	1.905	49.2	0.131	5.80	114.5	0.76	0.72
TTL1-0350		0.037	0.289	0.849	85.7	0.184	3.31	134.5	1.09	0.48
TTL1-0400		0.068	0.257	0.625	92.5	0.156	2.57	185.5	1.40	0.42
TTL1-0450		0.050	0.231	0.667	83.6	0.150	2.47	111.0	1.11	0.48
TTL1-0500		0.048	0.256	1.720	68.9	0.173	4.45	85.3	1.68	0.57
TTL1-0550		0.059	0.209	0.775	77.1	0.161	3.67	127.5	1.41	0.58
TTL1-0600		0.020	0.255	1.865	57.9	0.170	5.21	83.7	1.73	0.53
TTL1-0650		0.025	0.244	0.991	65.8	0.177	3.08	74.7	0.34	0.67
TTL1-0700		0.035	0.238	0.846	73.3	0.146	3.45	97.4	1.33	0.53
TTL1-0750		0.034	0.187	2.10	50.9	0.145	8.25	72.0	0.78	0.50
TTL1-0800		0.013	0.211	35.8	45.3	0.204	131.5	90.4	1.00	0.49
TTL1-0850		0.013	0.099	1.095	40.6	0.413	2.59	79.9	0.17	0.53
TTL1-0900		0.046	0.100	0.500	67.8	0.201	1.995	64.0	0.57	0.55
TTL1-0950		0.031	0.095	0.909	55.8	0.192	4.91	70.1	0.62	0.57
TTL2-0000		0.064	0.163	0.806	77.0	0.190	3.46	68.6	4.14	0.45
TTL2-0050		0.007	0.064	8.07	8.5	0.059	11.05	132.5	0.19	0.32
TTL2-0100		0.030	0.178	2.47	58.4	0.157	6.79	123.5	0.36	0.42
TTL2-0150		0.019	0.319	3.10	47.4	0.143	5.75	446	0.34	0.68
TTL2-0200		0.073	0.185	0.994	86.9	0.301	4.00	189.5	4.28	0.40
TTL2-0250		0.050	0.249	0.859	85.0	0.157	3.10	247	2.98	0.52
TTL2-0300		0.030	0.414	2.79	45.4	0.149	5.64	206	2.18	0.58
TTL2-0350		0.008	0.448	1.390	52.1	0.166	4.37	673	0.83	0.45
TTL2-0400		0.040	0.248	1.045	77.1	0.143	4.22	258	1.10	0.52
TTL2-0450		0.037	0.239	1.355	77.5	0.153	4.80	199.5	2.06	0.48
TTL2-0500		0.045	0.192	0.677	75.2	0.167	3.18	107.0	0.33	0.56
TTL2-0550		0.034	0.232	0.810	69.2	0.162	2.91	202	0.65	0.49
TTL2-0600		0.020	0.218	0.978	61.1	0.158	3.28	145.0	0.46	0.59
TTL2-0650		0.013	0.243	2.03	51.3	0.151	6.28	95.6	1.49	0.45
TTL2-0700		0.013	0.302	2.08	43.8	0.146	5.92	82.2	1.77	0.42
TTL2-0750		0.034	0.215	0.929	64.4	0.180	3.22	72.0	0.52	0.44
TTL2-0800		0.003	0.261	38.4	14.8	0.098	40.7	229	4.38	0.56
TTL2-0850		0.011	0.066	0.916	29.8	0.409	2.39	53.4	0.52	0.55
TTL2-0900		0.059	0.086	0.477	65.7	0.184	1.870	68.5	0.45	0.52
TTL2-0950		0.043	0.079	0.584	59.8	0.201	1.800	42.4	0.58	0.38
TTL2-BLNK										0.43
TTL3-0000		0.013	0.254	2.95	41.0	0.127	5.26	229	3.41	0.40
TTL3-0050		0.014	0.251	2.64	49.3	0.174	4.43	141.0	2.54	0.37
TTL3-0100		0.003	0.442	1.655	27.0	0.137	2.92	127.5	2.93	0.40
TTL3-0150		0.027	0.242	1.915	46.2	0.151	5.18	166.5	3.84	0.44
TTL3-0200		0.013	0.410	3.79	46.1	0.154	6.39	552	2.97	0.54



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CERTIFICATE OF ANALYSIS WH23226506

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	
		Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		ppm 0.0002	ppm 0.001	% 0.01	ppm 0.01	ppm 10	ppm 0.5	ppm 0.01	ppm 0.0005	% 0.01	ppm 0.001	ppm 0.003	ppm 0.001	ppm 0.01	ppm 0.005	ppm 0.01
TTL3-0250		0.0042	8.78	1.60	579	<10	193.0	1.64	0.326	0.10	9.33	50.1	5.89	14.45	4.75	10.70
TTL3-0300		0.0019	14.80	2.19	314	<10	131.5	0.87	0.246	0.09	5.03	50.5	5.19	18.30	2.70	11.65
TTL3-0350		0.0052	5.43	1.78	101.5	<10	152.5	0.98	0.1945	0.17	3.82	39.5	7.13	22.6	3.24	11.20
TTL3-0400		0.0009	2.68	2.37	82.7	<10	251	1.01	0.1865	0.14	3.28	53.4	6.58	19.15	3.48	10.20
TTL3-0450		0.0014	1.855	1.79	35.1	<10	445	0.54	0.1715	0.23	3.90	33.1	7.69	19.65	3.24	7.79
TTL3-0500		0.0010	2.33	1.84	24.8	<10	184.5	0.51	0.1905	0.12	1.855	30.7	6.49	22.6	3.38	8.70
TTL3-0550		0.0017	1.050	1.34	101.0	<10	203	1.02	0.1495	0.19	1.360	46.9	5.14	14.85	4.19	7.69
TTL3-0600		0.0011	0.912	1.76	48.1	<10	201	0.64	0.1790	0.17	0.955	33.0	7.37	23.5	2.28	7.97
TTL3-0650		0.0002	1.235	2.33	36.6	<10	206	0.60	0.230	0.14	0.955	25.3	9.02	28.7	1.830	13.20
TTL3-0700		0.0007	0.748	1.73	54.6	<10	197.5	0.56	0.1775	0.18	1.035	29.3	6.51	21.7	2.66	8.90
TTL3-0750		0.0048	2.08	1.59	85.0	<10	223	0.53	0.218	0.19	0.569	24.9	5.47	22.9	9.93	9.71
TTL3-0800		0.0023	0.637	0.98	106.5	<10	167.0	0.71	0.553	0.35	0.762	49.3	5.35	14.65	4.12	7.08
TTL3-0850		<0.0002	0.028	0.99	6.02	<10	146.5	0.75	0.0369	0.14	0.122	24.3	3.27	6.70	5.03	5.07
TTL3-0900		0.0005	0.306	1.75	6.41	<10	272	0.68	0.1685	0.27	0.490	31.8	6.28	21.1	3.99	10.30
TTL3-0950		0.0023	1.800	1.33	5.31	<10	870	2.61	0.0732	2.65	1.650	120.5	3.89	11.35	9.11	25.7
TTL4-0000		0.0231	4.75	1.81	456	<10	137.0	0.57	0.579	0.12	1.720	19.80	8.50	32.9	4.02	21.7
TTL4-0050		0.0020	4.82	1.93	309	<10	117.0	0.60	0.984	0.08	0.457	21.1	5.56	22.7	3.63	12.60
TTL4-0100		0.0019	2.42	2.71	99.6	<10	110.0	0.75	0.833	0.13	0.725	21.8	10.70	37.4	1.935	19.85
TTL4-0150		0.0016	0.497	1.53	167.5	<10	103.5	0.48	0.734	0.11	0.480	30.5	7.25	22.8	2.14	13.70
TTL4-0200		0.0036	1.105	1.55	74.6	<10	166.0	0.54	0.429	0.20	2.19	17.95	6.33	24.3	2.85	11.00
TTL4-0250		0.0011	1.190	1.00	202	<10	332	0.43	0.912	0.11	0.642	23.6	6.44	18.80	1.880	10.90
TTL4-0300		0.0123	4.55	0.38	25.4	10	437	0.57	0.1050	2.66	27.2	3.33	1.715	4.47	1.435	14.15
TTL4-0350		0.0133	23.1	0.89	146.0	<10	232	0.90	0.1635	1.01	7.25	7.43	1.710	6.74	10.50	12.10
TTL4-0400		0.0078	4.41	1.37	484	<10	393	1.32	0.365	0.90	15.60	23.1	7.59	18.20	12.85	17.05
TTL4-0450		0.0007	1.780	1.09	30.0	<10	136.0	0.20	0.355	0.16	2.52	21.1	3.99	17.30	1.020	8.00
TTL4-0500		0.0233	16.95	1.60	304	<10	435	2.36	0.280	0.92	10.95	33.4	6.28	25.8	15.00	44.2
TTL4-0550		0.0078	14.90	1.86	79.8	<10	396	2.43	0.200	0.53	2.69	58.5	3.95	21.9	7.34	16.90
TTL4-0600		0.0014	1.135	1.52	59.6	<10	201	0.78	0.201	0.39	1.070	33.8	6.04	19.10	4.00	7.44
TTL4-0650		0.0450	0.784	1.37	25.4	<10	154.0	0.48	0.1770	0.36	1.175	37.8	5.05	14.90	3.45	5.82
TTL4-0700		0.0025	2.21	1.29	39.7	<10	153.5	0.41	0.1700	0.19	1.735	27.0	4.07	17.15	3.43	6.47
TTL4-0750		0.0096	0.796	0.55	173.0	<10	264	0.92	0.272	0.52	5.49	58.2	4.42	8.42	2.91	8.06
TTL4-0800		0.0040	0.723	0.75	54.8	<10	93.8	0.25	0.1575	0.11	0.414	23.5	2.57	10.70	1.400	3.63
TTL4-0850		<0.0002	0.165	1.89	12.05	<10	217	0.60	0.1250	0.15	0.215	14.45	5.91	18.60	3.74	8.80
TTL4-0900		0.0080	0.101	2.60	16.25	<10	279	0.52	0.1700	0.24	0.310	17.50	9.03	30.2	1.790	15.60
TTL4-0950		0.0002	0.044	0.84	5.73	<10	156.0	0.42	0.0583	0.25	0.234	28.3	3.19	9.45	1.860	2.83



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		Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002	0.04
TTL3-0250		4.12	2.95	0.065	0.032	0.073	0.041	0.11	23.7	5.1	0.08	4060	2.02	<0.001	0.338	7.23
TTL3-0300		3.63	5.75	0.062	0.044	0.097	0.050	0.10	25.9	8.1	0.14	2230	1.36	0.004	0.831	9.36
TTL3-0350		2.83	4.69	0.053	0.047	0.045	0.041	0.12	19.95	8.7	0.32	815	1.20	0.004	0.914	13.45
TTL3-0400		3.45	5.72	0.060	0.075	0.036	0.050	0.09	28.7	8.8	0.22	840	1.22	<0.001	0.565	10.10
TTL3-0450		3.16	6.10	0.045	0.024	0.032	0.032	0.06	18.45	8.1	0.28	965	0.98	<0.001	1.135	10.60
TTL3-0500		3.00	6.31	0.047	0.019	0.027	0.025	0.07	16.70	11.0	0.29	572	1.20	<0.001	1.170	10.90
TTL3-0550		2.44	4.70	0.046	0.008	0.040	0.026	0.12	25.8	8.9	0.22	1085	1.16	0.003	0.809	7.91
TTL3-0600		2.71	5.55	0.039	0.059	0.024	0.021	0.07	17.70	11.4	0.32	628	1.64	0.003	0.797	11.60
TTL3-0650		3.14	6.85	0.039	0.030	0.039	0.035	0.07	12.55	13.0	0.38	1130	1.09	0.006	1.090	18.20
TTL3-0700		2.80	5.94	0.037	0.010	0.026	0.023	0.07	15.55	10.4	0.26	673	1.37	0.004	0.964	11.10
TTL3-0750		2.75	5.24	0.040	0.016	0.030	0.022	0.08	12.40	12.2	0.35	475	1.84	0.003	1.300	10.75
TTL3-0800		2.23	3.25	0.050	0.010	0.020	0.026	0.13	23.5	6.2	0.18	1040	2.08	0.004	1.010	6.98
TTL3-0850		2.19	1.985	0.025	0.016	0.010	0.023	0.09	10.95	4.5	0.07	240	0.66	0.002	0.260	3.61
TTL3-0900		2.46	7.16	0.078	0.020	0.031	0.027	0.06	33.6	9.8	0.24	639	0.96	0.006	0.966	10.20
TTL3-0950		1.310	2.84	0.405	0.091	0.206	0.023	0.07	164.0	5.3	0.18	771	0.73	0.001	0.438	11.10
TTL4-0000		3.04	6.88	0.040	0.034	0.081	0.034	0.12	9.81	11.1	0.39	902	2.26	0.010	2.36	17.10
TTL4-0050		3.68	6.17	0.046	0.083	0.067	0.029	0.09	10.60	12.5	0.20	453	2.01	0.008	3.30	10.55
TTL4-0100		3.27	7.15	0.046	0.121	0.052	0.032	0.09	10.25	13.1	0.41	368	1.49	0.012	2.81	21.0
TTL4-0150		3.29	5.59	0.048	0.055	0.023	0.029	0.09	16.05	10.3	0.26	684	2.01	0.009	1.930	12.05
TTL4-0200		2.59	5.27	0.033	0.021	0.021	0.025	0.08	9.20	10.6	0.39	390	1.61	0.012	1.660	13.55
TTL4-0250		3.22	5.12	0.046	0.019	0.027	0.027	0.09	12.75	3.4	0.17	768	6.58	0.004	1.560	9.09
TTL4-0300		0.440	0.925	0.017	0.036	0.100	<0.005	0.04	2.83	0.3	0.22	913	0.63	0.021	0.347	7.60
TTL4-0350		1.230	2.11	0.029	0.045	0.192	0.021	0.12	6.14	1.4	0.10	78.6	1.02	0.013	0.542	6.47
TTL4-0400		2.73	3.84	0.044	0.020	0.108	0.055	0.15	14.65	5.8	0.24	1265	2.26	0.016	0.893	9.93
TTL4-0450		2.41	5.89	0.031	0.013	0.015	0.026	0.08	10.95	6.4	0.18	199.5	1.16	0.010	1.385	8.92
TTL4-0500		3.00	4.39	0.120	0.052	0.122	0.034	0.16	50.0	9.1	0.34	995	0.73	0.019	1.145	15.40
TTL4-0550		2.11	5.68	0.144	0.010	0.098	0.020	0.11	99.1	11.0	0.23	424	0.68	0.018	1.260	10.20
TTL4-0600		2.30	4.65	0.042	0.027	0.020	0.025	0.09	18.10	12.2	0.34	722	0.82	0.013	1.115	10.30
TTL4-0650		2.48	5.72	0.044	0.026	0.013	0.021	0.09	17.60	8.1	0.20	984	1.10	0.010	1.505	6.65
TTL4-0700		2.05	5.11	0.039	0.010	0.020	0.024	0.08	14.15	10.4	0.26	389	1.00	0.012	1.385	8.12
TTL4-0750		1.890	1.590	0.055	0.118	0.038	0.086	0.09	29.8	2.9	0.12	1200	2.58	0.012	1.035	5.90
TTL4-0800		2.18	3.38	0.034	0.009	0.025	0.022	0.09	12.05	3.6	0.09	390	1.20	0.006	0.815	4.67
TTL4-0850		3.17	5.62	0.033	0.061	0.011	0.024	0.08	7.18	12.9	0.24	220	0.97	0.011	1.140	10.55
TTL4-0900		3.47	7.14	0.035	0.114	0.012	0.035	0.09	7.99	16.6	0.46	295	1.02	0.013	1.000	20.2
TTL4-0950		1.920	3.57	0.035	0.025	0.004	0.014	0.07	14.75	6.1	0.14	188.0	0.81	0.011	0.595	3.94



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CERTIFICATE OF ANALYSIS WH23226506

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
		0.001	0.005	0.001	0.002	0.005	0.0002	0.01	0.005	0.005	0.003	0.01	0.01	0.005	0.003	0.002
TTL3-0250		0.043	1130	0.003	<0.002	23.5	0.0006	0.03	12.45	4.00	0.389	0.32	14.10	<0.005	0.037	12.70
TTL3-0300		0.043	732	0.007	0.002	20.5	0.0005	0.03	7.94	2.37	0.248	0.58	12.85	<0.005	0.053	11.75
TTL3-0350		0.024	554	0.001	<0.002	16.95	0.0004	0.03	4.30	2.99	0.223	0.50	17.55	<0.005	0.049	12.05
TTL3-0400		0.026	301	0.002	<0.002	17.75	0.0002	0.02	7.36	3.08	0.199	0.61	17.00	<0.005	0.031	17.90
TTL3-0450		0.023	101.5	0.003	<0.002	14.30	0.0005	0.02	1.460	2.65	0.139	0.67	22.4	<0.005	0.025	6.61
TTL3-0500		0.022	77.6	0.002	<0.002	15.30	0.0004	0.02	1.615	2.56	0.180	0.61	14.80	<0.005	0.031	5.69
TTL3-0550		0.037	41.1	<0.001	<0.002	16.30	<0.0002	0.02	2.42	2.04	0.103	0.60	20.7	<0.005	0.021	7.60
TTL3-0600		0.021	39.9	<0.001	<0.002	15.40	<0.0002	0.01	1.730	2.40	0.111	0.65	19.85	<0.005	0.020	10.45
TTL3-0650		0.024	27.5	<0.001	<0.002	13.70	<0.0002	0.02	1.425	3.46	0.183	0.79	14.65	<0.005	0.031	7.21
TTL3-0700		0.024	24.9	<0.001	<0.002	13.85	<0.0002	0.02	1.340	2.31	0.127	0.67	18.70	<0.005	0.026	7.31
TTL3-0750		0.019	34.7	0.001	<0.002	15.40	<0.0002	0.02	2.68	2.45	0.101	0.68	19.75	<0.005	0.023	8.03
TTL3-0800		0.028	74.5	<0.001	<0.002	15.55	<0.0002	0.02	2.81	2.06	0.057	0.50	31.5	<0.005	0.020	11.00
TTL3-0850		0.032	14.80	0.001	<0.002	10.35	<0.0002	0.01	1.080	1.565	0.067	0.53	15.20	<0.005	0.006	3.13
TTL3-0900		0.019	14.60	<0.001	<0.002	8.41	<0.0002	0.01	0.566	3.42	0.076	0.75	23.5	<0.005	0.019	2.97
TTL3-0950		0.122	16.15	<0.001	<0.002	8.59	0.0006	0.15	1.285	4.68	0.562	0.20	215	<0.005	0.014	2.28
TTL4-0000		0.032	256	0.002	<0.002	20.9	0.0003	0.01	13.20	3.47	0.285	0.67	13.65	<0.005	0.050	4.66
TTL4-0050		0.034	116.0	<0.001	<0.002	18.90	<0.0002	0.01	3.41	2.83	0.260	0.70	17.15	0.012	0.041	8.50
TTL4-0100		0.031	55.2	<0.001	<0.002	13.95	<0.0002	0.01	1.255	4.93	0.325	0.64	13.20	0.013	0.035	8.26
TTL4-0150		0.028	46.7	<0.001	<0.002	13.40	0.0002	<0.01	2.17	2.76	0.205	0.52	13.60	<0.005	0.059	7.36
TTL4-0200		0.023	56.6	<0.001	<0.002	13.35	0.0002	<0.01	0.929	2.88	0.115	0.54	17.40	<0.005	0.028	2.95
TTL4-0250		0.037	69.1	<0.001	<0.002	18.15	<0.0002	0.01	2.77	2.48	0.149	0.49	16.20	<0.005	0.036	2.86
TTL4-0300		0.074	17.60	0.003	<0.002	4.20	0.0005	0.27	2.76	0.983	0.391	0.10	163.5	<0.005	0.022	0.239
TTL4-0350		0.098	208	<0.001	<0.002	15.95	0.0003	0.15	7.81	1.960	0.310	0.22	80.3	<0.005	0.049	1.420
TTL4-0400		0.059	697	<0.001	<0.002	26.3	0.0005	0.04	9.43	3.81	0.213	0.40	60.3	<0.005	0.059	3.70
TTL4-0450		0.021	75.5	0.001	<0.002	7.74	0.0002	<0.01	0.979	2.20	0.071	0.66	13.75	<0.005	0.021	2.72
TTL4-0500		0.048	360	<0.001	<0.002	24.3	0.0005	0.04	17.40	7.56	0.346	0.51	60.2	<0.005	0.058	13.20
TTL4-0550		0.034	76.5	<0.001	<0.002	19.65	0.0003	0.02	4.87	4.65	0.161	0.66	32.5	<0.005	0.009	9.44
TTL4-0600		0.018	49.5	<0.001	<0.002	13.80	<0.0002	<0.01	1.680	2.69	0.079	0.51	26.8	<0.005	0.013	9.83
TTL4-0650		0.026	39.6	0.001	0.002	11.45	0.0004	<0.01	0.705	2.33	0.074	0.65	29.3	<0.005	0.018	8.42
TTL4-0700		0.020	99.7	0.001	<0.002	16.60	0.0002	<0.01	1.075	2.04	0.066	0.56	16.60	<0.005	0.016	4.46
TTL4-0750		0.035	130.5	<0.001	0.003	8.90	0.0004	0.02	7.53	2.53	0.166	0.24	56.3	0.006	0.012	26.2
TTL4-0800		0.032	13.80	<0.001	<0.002	13.40	0.0003	0.01	1.840	1.090	0.088	0.39	10.15	<0.005	0.016	0.997
TTL4-0850		0.026	15.05	<0.001	<0.002	11.85	<0.0002	<0.01	0.429	2.95	0.058	0.60	14.15	<0.005	0.013	2.99
TTL4-0900		0.019	18.10	0.002	<0.002	8.87	0.0003	<0.01	0.561	4.21	0.109	0.65	21.8	<0.005	0.027	3.64
TTL4-0950		0.024	18.10	<0.001	<0.002	10.80	<0.0002	<0.01	0.488	1.650	0.029	0.55	19.25	<0.005	0.006	3.23



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Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	WEI-21	
		Ti	Ti	U	V	W	Y	Zn	Zr	Recvd Wt.
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	kg
		0.001	0.001	0.005	0.1	0.001	0.003	0.1	0.01	0.02
TTL3-0250		0.002	0.439	5.04	24.1	0.100	7.70	1075	1.51	0.46
TTL3-0300		0.006	0.387	2.28	47.3	0.115	4.89	818	1.60	0.52
TTL3-0350		0.023	0.267	2.85	43.9	0.122	5.73	715	2.42	0.67
TTL3-0400		0.005	0.384	2.04	44.3	0.099	6.34	809	3.28	0.64
TTL3-0450		0.018	0.228	1.025	56.7	0.114	3.54	405	1.09	0.48
TTL3-0500		0.022	0.191	0.980	57.3	0.132	3.20	254	0.73	0.52
TTL3-0550		0.016	0.197	3.01	40.6	0.140	9.29	123.5	0.32	0.68
TTL3-0600		0.019	0.230	1.015	55.9	0.144	3.33	208	2.34	0.46
TTL3-0650		0.039	0.227	1.095	71.2	0.164	3.94	145.5	1.38	0.52
TTL3-0700		0.024	0.246	0.986	62.1	0.147	3.11	130.0	0.67	0.57
TTL3-0750		0.033	0.229	2.73	55.7	0.193	4.69	67.2	0.88	0.71
TTL3-0800		0.018	0.224	2.84	33.2	0.196	5.79	128.5	0.47	0.50
TTL3-0850		0.005	0.082	0.897	24.8	0.399	3.29	51.1	0.88	0.62
TTL3-0900		0.042	0.111	0.919	64.2	0.152	13.90	49.6	1.19	0.40
TTL3-0950		0.010	0.071	9.59	17.4	0.092	139.0	39.0	3.49	0.32
TTL4-0000		0.047	0.220	2.73	67.8	0.138	3.51	476	1.47	0.49
TTL4-0050		0.021	0.284	1.705	55.9	0.115	5.44	206	3.90	0.42
TTL4-0100		0.066	0.178	1.740	69.9	0.148	4.61	95.7	5.14	0.50
TTL4-0150		0.035	0.232	1.230	56.8	0.135	4.15	103.0	2.95	0.58
TTL4-0200		0.044	0.172	1.030	57.4	0.108	3.30	171.0	1.10	0.49
TTL4-0250		0.028	0.268	2.72	56.8	0.160	6.52	165.5	0.94	0.53
TTL4-0300		0.008	0.075	22.6	5.5	0.032	9.34	926	1.19	0.40
TTL4-0350		0.003	0.114	8.78	12.0	0.054	14.85	991	1.46	0.32
TTL4-0400		0.010	0.172	18.50	31.1	0.128	15.00	1300	0.66	0.40
TTL4-0450		0.037	0.146	0.539	63.0	0.118	1.985	256	0.71	0.47
TTL4-0500		0.019	0.147	47.9	38.0	0.112	88.9	764	2.15	0.48
TTL4-0550		0.011	0.178	13.75	40.6	0.100	47.2	302	0.61	0.47
TTL4-0600		0.018	0.200	1.925	40.7	0.141	4.42	177.5	1.47	0.56
TTL4-0650		0.020	0.228	6.50	49.9	0.091	3.67	134.5	1.23	0.43
TTL4-0700		0.027	0.186	2.00	45.7	0.096	3.06	189.5	0.58	0.54
TTL4-0750		0.008	0.224	10.85	14.7	0.245	9.28	342	4.46	0.51
TTL4-0800		0.016	0.138	0.653	30.0	0.114	1.875	56.2	0.34	0.43
TTL4-0850		0.021	0.088	0.910	54.7	0.158	2.68	64.7	2.69	0.48
TTL4-0900		0.046	0.104	0.739	69.0	0.170	2.97	67.8	4.85	0.51
TTL4-0950		0.013	0.058	1.350	35.6	0.314	2.53	47.3	1.31	0.56



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CERTIFICATE OF ANALYSIS WH23226506

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
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