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To: COUREUR DES BOIS  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

Page: 1  
Total # Pages: 8 (A - D)  
Plus Appendix Pages  
Finalized Date: 25-SEP-2017  
Account: COUDES

**CERTIFICATE WH17157008**

Project: YUKON 2017

P.O. No.: CDB2017-1

This report is for 280 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2017.

The following have access to data associated with this certificate:

DANIELE HEON

D. JACOB

**SAMPLE PREPARATION**

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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	

To: COUREUR DES BOIS  
ATTN: DANIELE HEON  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

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:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd WL kg	Au-ICP21 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
Au1		0.60	0.508	0.0014	0.203	1.13	4.35	<10	576	0.39	0.216	0.23	0.227	61.1	7.38	16.85
Au2		0.58	0.120	0.0012	0.136	1.42	6.45	<10	458	0.31	0.194	0.21	0.181	48.7	8.45	22.6
Au3		0.80	0.001	0.0018	0.181	1.34	6.02	<10	395	0.30	0.201	0.27	0.213	51.6	6.87	25.2
Au4		0.50	<0.001	0.0011	0.123	1.03	5.00	<10	262	0.26	0.239	0.24	0.277	58.6	5.86	18.35
Au5		0.61	0.001	0.0021	0.166	1.44	5.62	<10	325	0.30	0.200	0.20	0.157	42.3	5.77	22.9
Au6		0.50	<0.001	0.0097	0.225	1.52	6.29	<10	727	0.34	0.201	0.33	0.241	67.2	7.67	23.7
Au7		0.55	<0.001	0.0008	0.098	1.19	5.65	<10	537	0.31	0.147	0.22	0.118	52.6	5.18	22.1
Au8		0.51	<0.001	0.0008	0.101	1.41	6.05	<10	355	0.31	0.156	0.21	0.138	50.6	5.86	24.7
Au9		0.55	0.003	0.0013	0.189	1.33	4.72	<10	417	0.25	0.201	0.30	0.188	33.2	6.23	22.2
Au10		0.68	0.001	0.0016	0.151	1.44	7.45	<10	585	0.39	0.189	0.37	0.241	58.9	9.02	29.1
Au11		0.29	<0.001	0.0012	0.234	1.63	5.62	<10	819	0.32	0.183	0.38	0.168	46.2	8.35	24.6
Au12		0.32	0.001	0.0022	0.319	1.36	4.51	<10	821	0.28	0.259	0.45	0.346	44.0	11.20	20.9
Au13		0.58	0.002	0.0012	0.216	1.36	6.02	<10	570	0.35	0.230	0.29	0.159	53.8	7.48	24.1
Au14		0.58	<0.001	0.0013	0.363	0.36	3.10	<10	338	0.12	0.779	0.19	0.762	78.7	4.99	5.97
Au15		0.68	<0.001	0.0011	0.073	1.58	5.55	<10	332	0.30	0.219	0.18	0.127	41.9	8.03	26.7
Au16		0.64	<0.001	0.0008	0.155	1.27	4.32	<10	488	0.31	0.264	0.37	0.199	58.2	6.10	20.8
Au17	Listed, NR															
Au18		0.62	0.014	0.0006	0.093	1.33	2.87	<10	385	0.30	0.273	0.40	0.113	62.9	6.27	28.4
Au19		0.40	<0.001	0.0006	0.019	1.48	6.33	<10	182.5	0.21	0.228	0.10	0.094	28.3	4.20	22.4
Au20		0.55	<0.001	0.0006	0.032	1.47	6.86	<10	228	0.30	0.204	0.13	0.104	46.8	6.23	23.2
Au22		0.38	<0.001	0.0010	0.423	1.93	14.35	<10	502	0.34	0.288	0.29	0.417	38.6	9.11	26.9
Au23		0.34	<0.001	0.0010	0.334	2.29	11.30	<10	388	0.41	0.357	0.10	0.425	34.3	7.35	30.3
Au24		0.39	0.001	0.0016	0.241	2.06	9.94	<10	364	0.42	0.272	0.13	0.322	44.9	12.35	23.6
Au25		0.40	<0.001	0.0015	0.401	2.70	12.35	<10	271	0.36	0.291	0.08	0.278	28.5	9.03	27.6
Au26		0.42	0.001	0.0015	0.322	2.11	8.07	<10	269	0.33	0.351	0.12	0.300	33.9	9.79	20.2
Au27		0.45	<0.001	0.0007	0.241	2.53	10.90	<10	255	0.45	0.293	0.09	0.268	28.3	9.64	28.2
Au28		0.34	0.001	0.0012	0.103	1.99	22.8	<10	200	0.23	0.457	0.08	0.372	32.3	5.84	21.3
Au29		0.43	<0.001	0.0009	0.228	2.42	42.2	<10	184.5	0.26	0.607	0.14	0.293	40.6	14.45	50.5
Au30		0.41	0.001	0.0011	0.807	1.65	54.6	<10	241	0.20	1.140	0.14	0.749	46.8	9.37	26.1
Au31		0.58	<0.001	0.0007	0.335	0.56	4.71	<10	538	0.33	0.382	0.36	0.341	77.9	5.06	7.46
Au32		0.44	<0.001	0.0005	0.183	0.84	4.21	<10	268	0.15	0.490	0.16	0.154	43.5	5.76	10.10
Au33		0.43	<0.001	0.0034	0.245	1.01	4.58	<10	472	0.31	0.386	0.26	0.238	59.9	7.66	13.50
Au34		0.44	0.001	0.0006	0.187	1.09	4.25	<10	465	0.21	0.221	0.16	0.204	68.4	6.36	13.65
Au35		0.39	<0.001	0.0009	0.240	1.06	5.80	<10	139.5	0.15	0.318	0.10	0.103	27.4	3.30	15.00
Au36		0.42	<0.001	0.0002	0.075	0.50	2.41	<10	74.9	0.11	0.134	0.05	0.083	28.4	1.860	7.12
Au37		0.51	0.003	0.0243	0.100	0.95	5.93	<10	148.0	0.18	0.194	0.12	0.125	33.6	5.75	16.50
Au38		0.46	<0.001	0.0011	0.174	1.29	5.47	<10	247	0.23	0.198	0.16	0.181	37.0	5.63	20.1
Au39		0.41	0.001	0.0010	0.113	0.94	3.51	<10	158.0	0.15	0.170	0.12	0.108	29.3	2.64	15.20



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**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	ME-MS41L Cs ppm 0.005	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.001	ME-MS41L Ga ppm 0.004	ME-MS41L Ge ppm 0.005	ME-MS41L Hf ppm 0.002	ME-MS41L Hg ppm 0.004	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.002	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 0.1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.001
Au1		0.445	18.80	1.800	3.38	0.119	0.016	0.045	0.020	0.07	38.5	7.7	0.27	650	1.20	0.009
Au2		0.594	18.65	2.04	4.47	0.083	0.015	0.040	0.018	0.06	23.8	10.3	0.36	357	1.00	0.009
Au3		0.642	22.7	1.960	4.25	0.073	0.017	0.053	0.017	0.07	28.9	10.2	0.38	334	0.92	0.011
Au4		0.534	25.8	1.850	3.26	0.081	0.039	0.032	0.019	0.10	34.4	7.0	0.36	356	0.79	0.011
Au5		0.675	19.90	1.940	4.51	0.067	0.014	0.058	0.023	0.07	23.8	9.8	0.37	236	0.75	0.010
Au6		0.694	25.4	2.25	4.63	0.093	0.015	0.062	0.020	0.08	31.0	9.4	0.38	597	0.77	0.012
Au7		0.499	22.2	1.880	3.63	0.091	0.027	0.057	0.016	0.06	31.2	9.6	0.37	271	0.68	0.011
Au8		0.551	20.5	2.02	4.16	0.080	0.013	0.044	0.022	0.06	26.9	10.1	0.40	282	0.77	0.011
Au9		0.544	17.90	1.840	4.04	0.057	0.015	0.051	0.015	0.07	19.55	9.7	0.36	338	0.86	0.010
Au10		0.619	25.1	2.30	4.40	0.089	0.061	0.049	0.019	0.07	27.3	11.4	0.43	410	1.12	0.015
Au11		0.718	17.20	2.16	4.62	0.092	0.012	0.080	0.020	0.06	28.1	11.1	0.39	703	0.81	0.012
Au12		0.546	15.60	1.970	4.21	0.121	0.015	0.085	0.024	0.09	37.1	8.6	0.30	1045	1.15	0.011
Au13		0.586	22.5	2.04	4.47	0.118	0.009	0.061	0.023	0.08	40.2	9.9	0.34	374	1.30	0.011
Au14		0.300	75.6	1.090	1.385	0.064	0.044	0.030	0.012	0.13	18.40	1.5	0.10	484	1.54	0.005
Au15		0.627	16.40	2.27	4.80	0.064	0.009	0.051	0.024	0.10	20.1	9.8	0.46	493	1.40	0.011
Au16		0.590	24.6	2.03	4.05	0.107	0.011	0.034	0.023	0.11	37.1	8.4	0.40	368	1.67	0.010
Au17																
Au18		0.628	19.35	2.08	4.50	0.116	0.005	0.030	0.027	0.14	46.4	7.6	0.47	351	2.06	0.010
Au19		0.605	11.10	1.980	5.64	0.044	0.005	0.015	0.024	0.07	13.25	8.1	0.30	212	0.83	0.009
Au20		0.597	15.20	2.14	4.75	0.074	0.011	0.023	0.018	0.07	28.2	9.9	0.38	281	0.91	0.011
Au22		0.312	90.3	2.87	4.90	0.079	0.027	0.030	0.038	0.06	21.7	10.1	0.74	511	0.98	0.008
Au23		0.576	77.0	2.87	6.85	0.072	0.040	0.022	0.039	0.06	19.50	12.1	0.60	363	1.12	0.010
Au24		0.436	76.8	3.17	5.74	0.097	0.041	0.034	0.039	0.05	24.6	11.0	0.85	572	0.88	0.010
Au25		0.767	89.1	3.58	6.42	0.064	0.054	0.040	0.051	0.05	13.35	14.4	0.89	419	1.09	0.010
Au26		0.636	67.4	2.95	5.21	0.082	0.013	0.027	0.031	0.04	28.6	10.6	0.79	425	0.83	0.009
Au27		0.896	69.5	3.79	6.91	0.069	0.087	0.029	0.037	0.05	15.35	15.5	0.69	347	1.29	0.011
Au28		0.584	89.0	2.71	6.65	0.068	0.007	0.028	0.038	0.07	19.05	8.9	0.62	274	1.33	0.011
Au29		0.594	103.5	4.11	7.18	0.079	0.007	0.024	0.051	0.08	22.0	15.5	1.10	663	1.98	0.010
Au30		0.419	109.0	3.10	5.38	0.085	0.036	0.036	0.034	0.08	26.5	8.7	0.74	297	2.20	0.010
Au31		0.209	13.35	1.330	2.03	0.105	0.083	0.032	0.026	0.14	36.7	2.3	0.16	494	1.41	0.007
Au32		0.374	10.70	1.610	2.92	0.065	0.014	0.055	0.015	0.10	24.2	4.2	0.23	354	1.30	0.008
Au33		0.513	16.40	1.890	3.72	0.108	0.052	0.079	0.019	0.11	35.5	6.2	0.25	488	2.14	0.011
Au34		0.635	9.95	1.710	3.74	0.087	0.026	0.049	0.023	0.13	38.2	6.8	0.45	304	0.96	0.009
Au35		0.567	9.63	1.690	4.16	0.067	0.004	0.069	0.018	0.08	19.90	5.3	0.24	212	1.10	0.010
Au36		0.365	7.07	0.780	3.22	0.062	0.009	0.024	0.008	0.10	22.2	2.0	0.13	70.9	0.81	0.008
Au37		0.418	9.38	2.10	3.63	0.087	0.023	0.026	0.019	0.11	31.2	5.9	0.33	377	1.32	0.011
Au38		0.523	11.60	1.980	4.16	0.080	0.011	0.066	0.020	0.10	24.9	9.2	0.43	236	0.65	0.013
Au39		0.455	7.28	1.410	3.82	0.068	0.005	0.070	0.014	0.09	23.5	5.6	0.27	98.4	0.59	0.011



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Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.002	ME-MS41L Ni ppm 0.04	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.005	ME-MS41L Pd ppm 0.001	ME-MS41L Pt ppm 0.002	ME-MS41L Rb ppm 0.005	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.005	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.01	ME-MS41L Sr ppm 0.01	ME-MS41L Ta ppm 0.005
Au1		0.562	12.40	0.057	51.5	<0.001	<0.002	12.45	<0.001	0.03	0.383	2.95	0.4	0.37	16.45	<0.005
Au2		0.752	15.15	0.053	36.2	<0.001	<0.002	10.60	<0.001	0.02	0.363	2.68	0.2	0.45	16.05	<0.005
Au3		0.881	15.90	0.063	44.3	<0.001	<0.002	11.60	<0.001	0.02	0.530	3.08	0.2	0.40	18.30	<0.005
Au4		0.718	12.05	0.066	65.7	<0.001	<0.002	12.40	<0.001	0.02	0.570	2.67	0.3	0.33	15.90	<0.005
Au5		0.716	14.20	0.050	32.3	<0.001	<0.002	11.00	<0.001	0.02	0.439	2.43	0.2	0.39	14.75	<0.005
Au6		0.724	17.20	0.062	47.5	<0.001	<0.002	12.80	<0.001	0.03	0.619	3.27	0.4	0.38	19.50	<0.005
Au7		0.758	15.35	0.049	27.4	<0.001	<0.002	7.30	<0.001	0.02	0.551	3.28	0.1	0.34	17.85	<0.005
Au8		0.688	15.35	0.052	24.7	<0.001	<0.002	8.20	<0.001	0.02	0.484	2.76	0.3	0.37	16.75	<0.005
Au9		0.718	13.55	0.059	38.4	<0.001	<0.002	11.20	<0.001	0.03	0.422	2.74	0.3	0.38	18.10	<0.005
Au10		0.784	20.9	0.062	30.5	<0.001	<0.002	9.36	<0.001	0.02	0.544	4.59	0.3	0.41	22.9	<0.005
Au11		0.715	16.25	0.066	24.5	<0.001	<0.002	10.60	<0.001	0.04	0.418	3.33	0.5	0.42	25.4	<0.005
Au12		0.555	13.85	0.071	45.8	<0.001	<0.002	14.40	<0.001	0.05	0.394	3.69	0.4	0.41	23.4	<0.005
Au13		0.587	14.90	0.057	37.6	<0.001	<0.002	14.55	<0.001	0.03	0.392	3.01	0.2	0.43	19.60	<0.005
Au14		0.168	5.95	0.078	191.5	<0.001	<0.002	11.35	<0.001	0.02	0.208	1.775	0.3	0.11	8.64	<0.005
Au15		0.703	14.15	0.047	34.3	<0.001	<0.002	17.85	<0.001	0.03	0.377	2.99	0.3	0.46	13.40	<0.005
Au16		0.526	12.30	0.063	49.3	<0.001	<0.002	19.65	<0.001	0.03	0.280	3.15	0.4	0.40	17.85	<0.005
Au17																
Au18		0.322	12.80	0.048	19.95	<0.001	<0.002	21.6	<0.001	0.03	0.275	3.23	0.5	0.49	17.25	<0.005
Au19		0.410	8.84	0.038	13.35	<0.001	<0.002	12.55	<0.001	0.02	0.300	1.130	0.3	0.61	9.11	<0.005
Au20		0.764	14.30	0.039	15.05	<0.001	<0.002	10.15	<0.001	0.02	0.472	2.26	0.3	0.46	11.60	<0.005
Au22		0.588	17.85	0.030	14.70	<0.001	<0.002	8.02	<0.001	0.03	0.356	4.57	1.0	0.44	20.1	<0.005
Au23		1.080	15.90	0.026	20.2	0.003	<0.002	11.25	<0.001	0.02	0.386	4.22	0.3	0.81	11.75	<0.005
Au24		0.540	16.35	0.017	16.10	<0.001	<0.002	7.79	<0.001	0.02	0.456	5.78	0.4	0.61	11.60	<0.005
Au25		0.717	16.90	0.015	19.00	<0.001	<0.002	9.77	<0.001	0.02	0.418	5.21	0.6	0.83	9.58	<0.005
Au26		0.734	15.40	0.018	9.18	<0.001	<0.002	8.41	<0.001	0.02	0.291	4.48	0.4	0.52	9.00	<0.005
Au27		1.120	18.35	0.021	13.85	<0.001	<0.002	12.10	<0.001	0.02	0.493	4.55	0.5	0.72	10.25	<0.005
Au28		0.749	13.40	0.030	16.05	<0.001	<0.002	10.45	<0.001	0.03	0.387	2.78	0.4	0.74	9.13	<0.005
Au29		0.827	25.0	0.062	17.40	<0.001	<0.002	13.05	<0.001	0.03	0.449	4.10	0.5	0.64	11.15	<0.005
Au30		0.797	25.1	0.030	37.5	<0.001	<0.002	11.70	<0.001	0.05	0.524	3.02	1.0	0.49	16.95	<0.005
Au31		0.206	5.09	0.042	39.5	<0.001	<0.002	11.85	0.001	0.05	0.141	2.47	0.4	0.24	29.9	<0.005
Au32		0.463	5.98	0.043	37.1	<0.001	<0.002	10.95	<0.001	0.04	0.321	1.290	0.3	0.26	16.70	<0.005
Au33		0.642	8.35	0.042	48.1	<0.001	<0.002	13.20	<0.001	0.06	0.432	2.41	0.3	0.34	29.7	<0.005
Au34		0.629	8.78	0.045	45.8	<0.001	<0.002	19.05	<0.001	0.04	0.303	1.980	0.2	0.37	17.20	<0.005
Au35		0.639	6.69	0.048	38.9	<0.001	<0.002	13.70	<0.001	0.05	0.282	1.310	0.3	0.42	10.40	<0.005
Au36		0.516	3.92	0.021	11.65	<0.001	<0.002	13.75	<0.001	0.03	0.257	1.175	<0.1	0.32	6.03	<0.005
Au37		0.702	10.15	0.043	18.80	<0.001	<0.002	13.65	<0.001	0.03	0.385	2.23	0.1	0.34	11.00	<0.005
Au38		0.823	11.50	0.055	20.9	<0.001	<0.002	13.15	<0.001	0.03	0.405	2.41	0.3	0.40	14.30	<0.005
Au39		0.505	7.21	0.045	15.50	<0.001	<0.002	11.00	<0.001	0.04	0.295	1.380	0.3	0.37	11.35	<0.005





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3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

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Account: COUDES

Project: YUKON 2017

**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	
		Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm 0.01	ppm 0.002	% 0.001	ppm 0.002	ppm 0.005	ppm 0.1	ppm 0.001	ppm 0.003	ppm 0.1	ppm 0.01
Au1		0.01	4.74	0.028	0.096	1.720	26.0	0.120	18.20	75.1	0.79
Au2		0.01	2.05	0.045	0.092	0.914	38.6	0.233	11.75	64.1	0.94
Au3		0.02	4.37	0.058	0.111	0.988	40.6	0.157	10.65	76.1	0.93
Au4		0.02	7.02	0.056	0.119	1.025	29.9	0.132	10.20	89.7	2.32
Au5		0.02	1.650	0.049	0.108	0.816	37.4	0.143	8.29	64.6	0.52
Au6		0.02	2.90	0.043	0.122	1.025	38.0	0.146	14.10	74.5	0.74
Au7		0.01	4.62	0.059	0.075	0.937	36.5	0.117	12.90	54.8	1.38
Au8		0.01	1.615	0.055	0.076	0.917	40.7	0.134	10.30	53.4	0.64
Au9		0.02	2.75	0.044	0.092	0.865	35.3	0.205	7.53	70.3	0.69
Au10		0.01	6.30	0.066	0.093	1.100	45.1	0.141	13.10	69.5	3.26
Au11		0.02	1.985	0.039	0.111	1.100	40.4	0.155	13.05	66.8	0.60
Au12		0.01	3.32	0.031	0.126	1.690	32.7	0.185	21.0	77.5	0.70
Au13		0.03	2.51	0.041	0.110	1.625	38.7	0.217	19.30	65.7	0.48
Au14		0.05	11.70	0.008	0.097	1.125	6.8	0.072	13.35	88.6	2.99
Au15		0.03	2.70	0.047	0.139	1.310	39.9	0.130	8.59	68.5	0.54
Au16		0.02	3.44	0.038	0.148	1.995	28.3	0.099	17.05	85.4	0.54
Au17											
Au18		0.01	1.500	0.036	0.190	4.17	29.7	0.082	23.5	61.2	0.26
Au19		0.02	0.228	0.034	0.116	0.564	42.7	0.113	4.16	36.7	0.22
Au20		0.01	1.915	0.055	0.088	0.702	45.0	0.144	7.35	43.7	0.65
Au22		0.02	3.79	0.029	0.064	1.915	41.1	0.098	8.81	101.0	1.23
Au23		0.04	3.87	0.047	0.108	0.884	53.9	0.170	7.16	104.0	1.97
Au24		0.02	4.47	0.047	0.077	1.195	46.7	0.102	16.35	104.5	1.98
Au25		0.04	4.23	0.046	0.119	0.813	56.2	0.105	6.43	121.0	2.69
Au26		0.01	3.30	0.031	0.085	0.781	43.0	0.106	14.10	118.0	0.55
Au27		0.03	4.21	0.065	0.107	0.701	62.8	0.126	6.62	102.0	4.25
Au28		0.02	1.225	0.037	0.121	0.691	48.2	0.159	8.62	86.8	0.31
Au29		0.06	3.44	0.035	0.115	0.962	58.3	0.168	10.25	116.5	0.49
Au30		0.08	4.57	0.034	0.134	1.195	36.9	0.180	9.92	128.5	2.23
Au31		0.02	10.15	0.004	0.101	2.50	10.2	0.052	19.90	52.9	3.68
Au32		0.03	3.58	0.015	0.105	1.595	20.5	0.253	9.83	48.6	0.80
Au33		0.02	6.15	0.022	0.133	3.56	26.7	0.124	13.15	73.6	2.50
Au34		0.03	5.29	0.034	0.166	1.275	26.8	0.128	12.75	62.8	1.26
Au35		0.03	0.763	0.025	0.142	1.005	37.9	0.131	6.33	40.7	0.37
Au36		0.02	1.630	0.027	0.131	0.624	17.9	0.103	7.97	25.1	0.56
Au37		0.01	4.08	0.041	0.127	0.889	35.9	0.114	11.55	56.9	1.02
Au38		0.02	2.38	0.049	0.127	1.130	36.5	0.175	8.69	64.7	0.58
Au39		0.01	0.453	0.033	0.107	0.877	21.8	0.108	7.15	39.1	0.25



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**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd WL kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.001	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.01	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.01	ME-MS41L Bi ppm 0.001	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.001	ME-MS41L Ce ppm 0.003	ME-MS41L Co ppm 0.001	ME-MS41L Cr ppm 0.01
Au40		0.36	0.005	0.0004	0.061	0.80	3.30	<10	104.5	0.09	0.129	0.09	0.067	20.9	1.785	12.20
Au64		0.67	0.001	0.0022	0.071	1.38	9.17	<10	454	0.60	0.148	0.12	0.074	50.0	6.07	26.2
Au65		0.61	<0.001	0.0018	0.109	1.45	9.07	<10	398	0.52	0.167	0.11	0.089	36.3	6.27	25.1
Au66		0.49	0.002	0.0017	0.090	1.35	7.34	<10	302	0.40	0.154	0.08	0.132	28.8	7.54	24.0
Au67		0.46	<0.001	0.0009	0.139	1.50	7.80	<10	349	0.50	0.132	0.11	0.099	36.8	5.85	23.9
Au68		0.49	<0.001	0.0010	0.144	0.95	6.03	<10	312	0.20	0.169	0.09	0.168	19.45	3.44	14.45
Au69		0.64	<0.001	0.0010	0.182	1.73	9.15	<10	242	0.30	0.179	0.08	0.097	25.3	8.74	25.8
Au70		0.56	<0.001	0.0015	0.037	1.37	6.74	<10	406	0.54	0.177	0.12	0.053	52.7	6.11	23.0
Au71		0.60	<0.001	0.0024	0.070	1.47	7.93	<10	219	0.47	0.216	0.11	0.072	40.7	5.63	24.0
Au72		0.40	<0.001	0.0014	0.092	0.82	5.42	<10	169.5	0.23	0.229	0.06	0.190	35.4	3.42	14.15
Au73		0.64	<0.001	0.0010	0.032	1.32	7.22	<10	213	0.37	0.218	0.08	0.124	32.4	4.50	18.45
Au74		0.40	<0.001	0.0014	0.143	1.36	6.56	<10	400	0.35	0.260	0.09	0.207	34.0	5.17	18.90
Au75		0.72	0.003	0.0007	0.125	0.83	4.45	<10	301	0.28	0.186	0.12	0.203	39.9	3.70	14.05
Au76		0.60	0.001	0.0020	0.296	1.50	7.61	<10	348	0.40	0.353	0.13	0.224	38.9	5.08	22.8
Au77		0.48	<0.001	0.0016	0.299	1.48	7.64	<10	448	0.38	0.291	0.22	0.303	38.2	9.49	21.4
Au78		0.30	0.001	0.0031	0.637	1.81	6.81	<10	946	0.59	0.482	0.45	0.681	81.5	4.31	21.6
Au79		0.49	<0.001	0.0011	0.292	1.19	4.75	<10	401	0.31	0.290	0.18	0.287	42.8	6.00	15.85
Au80		0.66	0.003	0.0143	0.197	1.23	5.91	<10	360	0.33	0.266	0.12	0.281	42.1	6.05	18.45
Au81		0.48	0.001	0.0011	0.144	1.12	4.76	<10	242	0.20	0.214	0.15	0.169	28.7	3.65	17.15
Au82		0.37	0.008	0.0038	0.130	0.78	4.04	<10	168.5	0.11	0.167	0.12	0.134	18.05	1.905	15.70
Au83		0.36	0.002	0.0005	0.087	0.83	3.53	<10	145.5	0.17	0.240	0.10	0.153	37.5	2.99	12.10
Au84		0.13	0.008	0.0007	0.099	0.61	3.18	<10	103.0	0.10	0.160	0.13	0.059	18.50	1.350	10.45
Au106		0.29	<0.001	0.0003	0.801	0.92	4.96	<10	372	0.19	0.159	0.06	0.160	14.70	3.37	13.45
Au107		0.28	<0.001	0.0178	0.359	0.53	3.71	<10	216	0.16	0.179	0.05	0.246	31.9	2.45	10.50
Au108		0.25	<0.001	0.0004	0.162	1.44	8.38	<10	436	0.35	0.167	0.12	0.231	26.8	5.97	20.7
Au109A		0.30	0.001	0.0011	0.334	1.33	8.03	<10	564	0.64	0.187	0.19	0.860	46.5	11.90	20.4
Au109B		0.31	<0.001	0.0002	0.625	0.53	1.23	<10	479	0.15	0.276	0.06	0.683	24.6	1.430	5.68
Au111		0.45	<0.001	0.0014	0.298	0.68	3.06	<10	469	0.26	1.310	0.08	0.108	45.5	2.28	8.29
Au112		0.39	<0.001	0.0007	0.314	1.11	5.84	<10	407	0.20	0.703	0.13	0.156	32.0	3.35	15.40
Au113		0.40	<0.001	0.0006	0.096	1.09	2.85	<10	370	0.32	0.289	0.11	0.215	59.6	3.79	10.55
Au114		0.35	<0.001	0.0017	0.236	1.26	5.98	<10	161.5	0.24	0.139	0.06	0.187	43.1	3.25	14.25
Au115		0.45	<0.001	0.0008	0.107	1.83	8.95	<10	253	0.41	0.211	0.08	0.118	34.3	5.03	24.0
Au116		0.45	<0.001	0.0008	0.088	1.23	5.26	<10	198.5	0.26	0.215	0.05	0.204	24.7	2.83	16.85
Au117		0.50	<0.001	0.0014	0.056	1.90	9.36	<10	240	0.56	0.200	0.08	0.125	35.2	7.72	27.3
Au118		0.41	<0.001	0.0009	0.057	2.20	10.10	<10	275	0.51	0.284	0.10	0.081	23.1	8.43	30.5
Au119		0.33	<0.001	0.0012	0.023	1.87	8.91	<10	152.5	0.32	0.190	0.08	0.134	24.9	4.92	25.9
Au120		0.41	<0.001	0.0008	0.042	1.20	6.81	<10	133.0	0.29	0.192	0.08	0.119	43.7	4.82	17.95
Au121		0.41	<0.001	0.0009	0.054	1.15	6.12	<10	174.5	0.31	0.219	0.11	0.274	45.6	6.31	18.25
Au122		Listed, NR														
Au123A		0.53	<0.001	0.0010	0.151	1.50	5.41	<10	209	0.34	0.248	0.11	0.213	41.5	4.94	18.80



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**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	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
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
Au40		0.493	5.44	1.180	3.66	0.051	0.005	0.044	0.011	0.05	13.15	4.3	0.18	57.2	0.46
Au64		0.506	16.50	2.41	4.47	0.076	0.124	0.055	0.028	0.07	28.0	11.7	0.40	222	1.04
Au65		0.486	14.95	2.42	5.03	0.059	0.027	0.044	0.029	0.07	20.4	11.1	0.37	247	1.07
Au66		0.480	15.70	2.31	4.02	0.043	0.096	0.021	0.032	0.06	12.45	9.7	0.34	339	0.97
Au67		0.588	15.40	2.34	4.38	0.047	0.135	0.022	0.034	0.05	17.15	13.2	0.40	219	0.86
Au68		0.429	11.30	2.21	4.82	0.029	0.014	0.019	0.027	0.06	8.96	5.8	0.19	242	1.01
Au69		0.613	14.05	3.09	6.34	0.041	0.029	0.019	0.045	0.06	12.25	12.1	0.40	590	1.48
Au70		0.309	15.50	2.02	3.98	0.069	0.108	0.029	0.018	0.05	23.8	10.5	0.37	243	0.78
Au71		0.516	13.15	2.17	4.49	0.057	0.167	0.025	0.019	0.05	20.3	12.5	0.36	218	1.03
Au72		0.308	12.30	1.410	2.91	0.035	0.013	0.024	0.011	0.06	15.15	5.8	0.19	209	0.97
Au73		0.419	9.71	1.930	4.05	0.044	0.020	0.040	0.014	0.06	16.75	10.2	0.26	167.5	0.76
Au74		0.402	12.85	2.05	4.65	0.053	0.059	0.047	0.019	0.07	17.75	9.3	0.30	292	1.41
Au75		0.341	11.75	1.440	2.71	0.054	0.081	0.033	0.012	0.06	20.8	6.2	0.23	197.5	0.87
Au76		0.439	19.00	2.15	5.17	0.058	0.031	0.110	0.018	0.06	20.8	9.8	0.30	238	1.22
Au77		0.532	15.65	2.23	3.76	0.047	0.027	0.139	0.022	0.05	19.90	8.9	0.31	555	1.02
Au78		0.603	23.2	2.13	6.01	0.136	0.026	0.302	0.026	0.08	53.9	8.4	0.27	232	1.48
Au79		0.457	11.85	1.650	3.91	0.072	0.019	0.135	0.019	0.07	32.7	7.4	0.25	382	1.04
Au80		0.497	13.45	1.780	4.30	0.068	0.007	0.098	0.017	0.06	26.1	8.6	0.29	307	0.90
Au81		0.477	7.95	1.540	3.78	0.046	0.020	0.085	0.016	0.05	17.60	8.1	0.30	88.9	0.60
Au82		0.540	5.64	1.130	3.67	0.026	0.006	0.067	0.010	0.04	9.07	4.9	0.19	55.0	0.38
Au83		0.875	8.17	1.390	4.19	0.098	0.011	0.059	0.015	0.08	38.7	5.8	0.41	116.5	1.89
Au84		0.424	6.07	1.010	3.15	0.027	0.006	0.041	0.010	0.03	9.11	3.0	0.13	37.9	0.46
Au106		0.406	6.25	1.610	5.26	0.018	0.005	0.018	0.009	0.06	6.53	4.6	0.18	179.0	0.97
Au107		0.397	6.69	1.280	3.37	0.030	0.020	0.026	0.014	0.08	11.40	2.4	0.09	125.0	1.08
Au108		0.398	11.40	2.33	5.66	0.039	0.014	0.023	0.024	0.06	13.40	10.2	0.35	225	1.07
Au109A		0.398	26.0	2.27	4.28	0.059	0.007	0.047	0.026	0.08	23.5	7.7	0.29	862	1.22
Au109B		0.203	7.54	0.630	2.73	0.022	0.002	0.022	0.007	0.07	12.70	1.0	0.06	268	0.96
Au111		0.172	14.00	1.480	2.14	0.061	0.322	0.025	0.014	0.10	24.9	4.5	0.30	154.5	2.13
Au112		0.262	13.55	1.930	3.25	0.038	0.046	0.016	0.019	0.06	16.75	6.6	0.28	110.5	2.00
Au113		0.410	9.26	1.760	3.66	0.075	0.143	0.024	0.017	0.11	30.5	7.8	0.48	169.0	1.11
Au114		0.339	8.99	2.00	3.73	0.045	0.033	0.055	0.018	0.10	22.2	8.7	0.28	134.5	1.13
Au115		0.633	11.70	2.98	5.33	0.051	0.171	0.034	0.028	0.07	17.75	12.9	0.38	198.0	0.98
Au116		0.484	7.04	1.640	5.61	0.028	0.012	0.021	0.015	0.04	12.30	6.6	0.17	109.5	1.21
Au117		0.728	18.95	2.21	4.80	0.051	0.088	0.027	0.022	0.04	17.75	11.6	0.32	201	1.14
Au118		0.706	17.25	2.89	5.51	0.036	0.077	0.017	0.029	0.05	11.70	14.5	0.45	225	1.36
Au119		0.813	9.91	2.66	5.51	0.039	0.044	0.032	0.023	0.05	13.20	14.0	0.36	158.0	0.94
Au120		0.379	13.35	2.18	4.25	0.058	0.029	0.033	0.014	0.07	22.8	7.8	0.33	245	0.79
Au121		0.432	15.30	1.850	4.39	0.062	0.022	0.044	0.024	0.09	23.8	6.7	0.34	336	1.15
Au122															
Au123A		0.632	13.45	2.05	4.78	0.062	0.016	0.052	0.021	0.09	22.8	9.8	0.37	213	0.96





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Account: COUDES

Project: YUKON 2017

**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.002	ME-MS41L Ni ppm 0.04	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.005	ME-MS41L Pd ppm 0.001	ME-MS41L Pt ppm 0.002	ME-MS41L Rb ppm 0.005	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.005	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.01	ME-MS41L Sr ppm 0.01	ME-MS41L Ta ppm 0.005
Au40		0.526	5.33	0.035	8.80	<0.001	<0.002	7.47	<0.001	0.06	0.190	1.115	0.3	0.34	9.17	<0.005
Au64		0.632	16.20	0.013	16.90	0.001	<0.002	11.35	<0.001	<0.01	0.662	4.82	0.2	0.45	13.85	<0.005
Au65		1.025	14.90	0.018	16.55	<0.001	<0.002	12.15	<0.001	<0.01	0.614	3.90	0.4	0.47	12.80	<0.005
Au66		0.853	15.95	0.018	15.80	<0.001	0.002	8.84	<0.001	<0.01	0.621	3.66	0.3	0.40	10.30	<0.005
Au67		0.822	16.45	0.013	12.85	<0.001	0.002	9.79	<0.001	<0.01	0.520	4.06	0.3	0.49	11.60	<0.005
Au68		0.972	7.46	0.025	8.79	<0.001	<0.002	11.60	<0.001	<0.01	0.368	2.34	0.2	0.50	9.63	<0.005
Au69		1.245	12.15	0.032	9.10	<0.001	<0.002	15.00	<0.001	<0.01	0.434	3.87	0.2	0.76	7.95	<0.005
Au70		0.611	14.40	0.012	18.05	<0.001	<0.002	6.69	<0.001	<0.01	0.423	3.68	0.2	0.39	11.85	<0.005
Au71		0.626	12.60	0.020	23.8	<0.001	<0.002	9.09	<0.001	<0.01	0.398	3.38	0.3	0.46	10.80	<0.005
Au72		0.535	8.61	0.022	32.8	<0.001	<0.002	6.91	<0.001	<0.01	0.347	1.070	0.2	0.27	6.37	<0.005
Au73		0.915	10.40	0.021	24.8	0.001	<0.002	9.65	<0.001	<0.01	0.307	1.845	0.3	0.37	8.21	<0.005
Au74		0.974	12.10	0.028	35.7	<0.001	<0.002	10.70	<0.001	<0.01	0.384	2.11	0.3	0.41	9.56	<0.005
Au75		0.725	8.73	0.026	29.7	<0.001	<0.002	7.28	<0.001	<0.01	0.380	1.805	0.2	0.26	11.10	<0.005
Au76		0.991	13.05	0.036	44.8	<0.001	<0.002	9.04	<0.001	<0.01	0.494	2.45	0.4	0.46	13.40	<0.005
Au77		0.977	13.15	0.047	38.9	<0.001	<0.002	9.30	<0.001	0.02	0.450	2.33	0.5	0.37	19.35	<0.005
Au78		0.933	13.30	0.065	61.5	<0.001	<0.002	13.50	<0.001	0.04	0.588	2.27	0.5	0.53	37.0	<0.005
Au79		0.714	9.36	0.043	43.8	<0.001	<0.002	10.10	<0.001	0.01	0.314	1.925	0.3	0.34	15.25	<0.005
Au80		0.640	10.10	0.045	29.2	0.001	<0.002	9.54	<0.001	<0.01	0.339	1.935	0.5	0.34	10.80	<0.005
Au81		0.876	10.10	0.042	20.6	<0.001	<0.002	8.44	<0.001	0.01	0.372	2.23	0.5	0.31	12.95	<0.005
Au82		0.537	6.44	0.040	10.65	<0.001	<0.002	6.16	<0.001	0.04	0.245	0.922	0.3	0.30	11.40	<0.005
Au83		0.561	7.43	0.030	15.85	<0.001	<0.002	11.10	<0.001	0.02	0.418	1.950	0.2	0.28	10.55	<0.005
Au84		0.563	4.94	0.035	8.06	<0.001	<0.002	5.58	<0.001	0.05	0.208	0.793	0.4	0.29	13.20	<0.005
Au106		0.974	6.47	0.024	7.74	<0.001	<0.002	9.98	<0.001	<0.01	0.359	1.565	0.1	0.62	7.69	<0.005
Au107		0.738	6.65	0.025	15.60	<0.001	<0.002	12.30	<0.001	<0.01	0.520	1.745	0.2	0.46	6.65	<0.005
Au108		1.060	13.70	0.025	15.15	<0.001	<0.002	10.80	<0.001	0.01	0.584	2.89	0.3	0.65	13.90	<0.005
Au109A		0.542	17.60	0.077	20.1	<0.001	<0.002	8.16	<0.001	0.02	0.563	2.13	0.5	0.39	18.75	<0.005
Au109B		0.321	3.84	0.025	29.7	<0.001	<0.002	9.27	<0.001	0.01	0.143	0.422	0.1	0.38	8.54	<0.005
Au111		0.254	5.79	0.012	37.7	<0.001	<0.002	8.20	<0.001	0.05	0.199	1.885	0.4	0.19	14.60	<0.005
Au112		0.984	9.17	0.017	46.8	0.001	<0.002	9.89	<0.001	0.02	0.358	1.490	0.2	0.36	15.40	<0.005
Au113		0.574	6.81	0.016	39.2	<0.001	<0.002	14.25	<0.001	<0.01	0.215	1.990	0.3	0.27	12.65	<0.005
Au114		0.777	9.01	0.018	20.0	<0.001	<0.002	14.45	<0.001	<0.01	0.390	1.640	0.2	0.35	8.17	<0.005
Au115		0.551	11.15	0.022	46.8	<0.001	<0.002	12.45	<0.001	<0.01	0.405	3.49	0.3	0.52	10.90	<0.005
Au116		1.150	8.39	0.025	13.30	<0.001	<0.002	9.64	<0.001	<0.01	0.296	1.590	0.2	0.57	5.93	<0.005
Au117		1.255	15.50	0.022	47.6	<0.001	<0.002	9.41	<0.001	<0.01	0.480	3.36	0.4	0.48	10.65	0.007
Au118		1.120	21.4	0.019	40.2	<0.001	<0.002	9.72	<0.001	<0.01	0.459	3.30	0.3	0.49	11.30	<0.005
Au119		1.455	12.70	0.020	26.4	<0.001	<0.002	10.35	<0.001	0.01	0.390	2.84	0.3	0.48	8.57	<0.005
Au120		0.883	10.05	0.035	24.2	<0.001	<0.002	11.15	<0.001	<0.01	0.349	2.35	0.3	0.37	9.22	<0.005
Au121		0.749	11.55	0.036	58.8	<0.001	<0.002	12.15	<0.001	0.02	0.393	1.555	0.3	0.40	13.35	<0.005
Au122																
Au123A		0.882	10.50	0.041	30.3	0.001	<0.002	14.05	<0.001	0.02	0.350	2.16	0.3	0.41	11.20	<0.005





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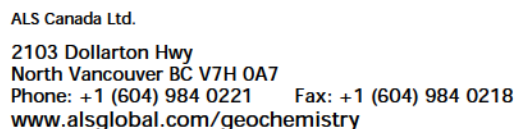
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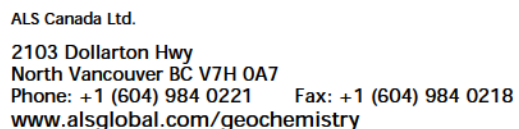
Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn
		ppm 0.01	ppm 0.002	% 0.001	ppm 0.002	ppm 0.005	ppm 0.1	ppm 0.001	ppm 0.003	ppm 0.1
Au40		0.01	0.387	0.022	0.098	0.688	16.4	0.126	4.01	24.3
Au64		0.02	8.64	0.048	0.108	1.210	41.6	0.128	11.35	54.1
Au65		0.03	4.79	0.050	0.096	0.876	48.5	0.170	7.50	49.0
Au66		0.04	6.43	0.046	0.080	0.767	40.1	0.142	4.83	52.1
Au67		0.01	8.63	0.037	0.086	0.843	40.3	0.121	6.70	52.9
Au68		0.02	1.680	0.037	0.074	0.461	50.4	0.155	2.71	34.2
Au69		0.05	3.57	0.039	0.113	0.604	58.8	0.181	3.92	59.4
Au70		0.02	7.28	0.045	0.072	0.885	38.6	0.134	9.54	38.7
Au71		0.02	8.52	0.042	0.092	0.929	40.7	0.140	5.89	42.2
Au72		0.01	1.030	0.023	0.071	1.105	24.2	0.243	4.17	45.4
Au73		0.02	2.82	0.030	0.086	0.891	34.7	0.138	3.50	40.4
Au74		0.02	3.73	0.041	0.099	1.015	36.0	0.150	4.85	51.9
Au75		0.01	5.11	0.039	0.071	1.150	24.7	0.134	6.59	40.3
Au76		0.02	2.12	0.043	0.092	1.175	41.4	0.179	5.35	61.3
Au77		0.02	2.32	0.033	0.093	2.36	38.8	0.273	6.14	65.3
Au78		0.04	0.939	0.023	0.127	4.59	33.0	0.199	17.45	84.4
Au79		0.02	2.94	0.028	0.093	2.60	25.8	0.146	7.38	66.5
Au80		0.02	1.445	0.032	0.091	1.650	30.7	0.261	8.10	54.0
Au81		0.01	2.48	0.036	0.091	1.165	29.1	0.202	5.56	48.3
Au82		0.02	0.168	0.028	0.078	0.751	16.9	0.713	2.80	27.2
Au83		0.02	2.08	0.037	0.142	1.735	31.5	0.872	14.10	51.1
Au84		0.03	0.226	0.022	0.059	0.655	12.3	0.201	2.43	19.2
Au106		0.03	1.060	0.045	0.090	0.313	47.4	0.182	1.455	24.6
Au107		0.02	2.87	0.032	0.079	0.610	28.9	0.136	5.04	29.4
Au108		0.02	3.39	0.037	0.098	0.575	47.1	0.196	4.48	43.9
Au109A		0.03	0.443	0.028	0.063	1.180	39.0	0.196	8.48	57.1
Au109B		0.02	0.084	0.017	0.084	0.396	15.8	0.089	1.955	35.2
Au111		0.02	10.30	0.019	0.090	2.00	11.7	0.066	8.25	62.2
Au112		0.03	4.64	0.030	0.080	0.991	30.2	0.140	3.14	55.8
Au113		0.02	9.40	0.033	0.157	1.270	17.0	0.064	4.95	79.9
Au114		0.03	4.30	0.023	0.121	0.661	25.6	0.110	2.40	49.4
Au115		0.04	6.27	0.036	0.131	0.847	42.7	0.128	3.21	74.6
Au116		0.02	1.800	0.042	0.087	0.442	46.2	0.152	2.03	29.1
Au117		0.03	5.35	0.047	0.099	1.135	48.3	0.170	5.57	43.3
Au118		0.04	3.78	0.055	0.097	0.512	58.2	0.172	3.08	47.5
Au119		0.03	3.18	0.046	0.112	0.798	50.5	0.195	2.96	54.7
Au120		0.02	3.67	0.046	0.113	0.896	33.7	0.147	4.29	58.8
Au121		0.04	0.987	0.052	0.102	0.947	32.1	0.161	5.80	65.8
Au122										
Au123A		0.03	1.640	0.055	0.135	1.380	32.1	0.138	6.42	60.5



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



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Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.002	ME-MS41L Ni ppm 0.04	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.005	ME-MS41L Pd ppm 0.001	ME-MS41L Pt ppm 0.002	ME-MS41L Rb ppm 0.005	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.005	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.01	ME-MS41L Sr ppm 0.01	ME-MS41L Ta ppm 0.005
Au123B		0.741	10.55	0.041	22.6	<0.001	<0.002	13.55	<0.001	0.02	0.331	1.690	0.4	0.46	12.95	<0.005
Au124		1.075	9.48	0.049	56.7	<0.001	<0.002	16.80	<0.001	0.02	0.347	1.965	0.3	0.37	11.65	<0.005
Au125																





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**CERTIFICATE OF ANALYSIS WH17157008**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm 0.01	ppm 0.002	% 0.001	ppm 0.002	ppm 0.005	ppm 0.1	ppm 0.001	ppm 0.003	ppm 0.1	ppm 0.01
Au123B		0.03	0.801	0.047	0.114	0.993	33.3	0.127	5.56	51.2	0.74
Au124		0.02	4.95	0.063	0.159	1.475	26.6	0.128	6.37	89.1	3.32
Au125											
Au126											
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**CERTIFICATE OF ANALYSIS WH17157008**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: NSS is non-sufficient sample.  
ALL METHODS

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.  
Au-ICP21 ME-MS41L