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

Page: 1  
Total # Pages: 3 (A - D)  
Plus Appendix Pages  
Finalized Date: 23-OCT-2017  
Account: COUDES

**CERTIFICATE WH17219135**

Project: Yukon 2017  
P.O. No.: CDB2017-2  
This report is for 60 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-OCT-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 \*\*\*\*\*

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17219135**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. 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
AU85		0.75	0.002	0.0009	0.142	1.08	3.20	<10	205	0.35	0.116	0.17	0.102	44.0	4.33	12.10
AU86		0.72	0.002	0.0003	0.051	0.67	3.38	<10	128.0	0.25	0.122	0.06	0.040	24.9	2.15	6.86
AU87	Listed, NR															
AU88a		0.75	0.001	0.0006	0.042	0.77	4.69	<10	215	0.25	0.157	0.20	0.056	48.4	3.83	14.20
AU88b		0.68	0.002	0.0010	0.050	1.00	5.63	<10	196.5	0.27	0.142	0.19	0.050	40.3	4.71	15.50
AU89		0.72	0.003	0.0004	0.024	0.68	6.30	<10	113.5	0.27	0.189	0.04	0.080	48.2	2.51	8.95
AU90		0.67	<0.001	0.0006	0.016	0.70	3.80	<10	212	0.33	0.135	0.05	0.116	43.7	3.01	7.85
AU91		0.81	0.010	0.0010	0.039	0.98	5.97	<10	431	0.36	0.138	0.18	0.051	51.3	5.33	19.15
AU92		0.70	0.002	0.0009	0.061	1.06	6.17	<10	378	0.31	0.147	0.22	0.059	37.8	4.94	19.20
AU93		0.65	0.004	0.0013	0.111	1.41	7.62	<10	522	0.36	0.155	0.24	0.051	43.3	6.74	24.6
AU94		0.71	0.002	0.0022	0.157	1.45	8.80	<10	585	0.56	0.150	0.35	0.037	41.6	7.50	26.6
AU95		0.62	<0.001	0.0002	0.110	0.80	5.06	<10	347	0.18	0.142	0.13	0.102	36.4	3.42	12.45
AU96		0.41	<0.001	0.0008	0.112	1.49	11.15	<10	384	0.32	0.322	0.15	0.210	30.4	5.93	23.9
AU97		0.63	0.003	0.0016	0.052	1.26	6.22	<10	273	0.42	0.129	0.18	0.053	31.7	5.02	20.4
AU98		0.63	0.004	0.0014	0.083	1.33	6.39	<10	441	0.50	0.140	0.32	0.075	44.9	5.80	22.1
AU169		0.54	0.008	0.0020	0.141	1.40	6.37	<10	251	0.26	0.274	0.15	0.179	32.2	4.40	19.30
AU170		0.56	<0.001	0.0010	0.084	1.45	5.34	<10	277	0.37	0.213	0.12	0.326	26.2	5.63	19.65
AU171		0.65	0.008	0.0013	0.251	1.36	7.78	<10	513	0.52	0.239	0.23	0.212	71.7	7.47	23.4
AU172		0.57	0.001	0.0006	0.268	0.86	4.28	<10	263	0.16	0.197	0.32	0.173	25.0	3.41	16.25
AU173		0.42	0.001	0.0016	0.183	0.79	6.39	<10	208	0.23	0.186	0.15	0.147	35.4	4.81	17.80
AU174		0.44	0.004	0.0004	0.176	1.01	5.37	<10	147.5	0.20	0.221	0.14	0.112	24.7	4.30	18.20
AU175		0.54	0.002	0.0011	0.208	1.08	6.31	<10	157.5	0.19	0.213	0.17	0.109	28.0	3.98	19.55
AU176		0.54	0.005	0.0011	0.169	1.31	8.09	<10	422	0.47	0.167	0.35	0.380	46.6	13.05	25.6
AU177		0.58	0.003	0.0006	0.100	0.99	4.32	<10	340	0.33	0.176	0.41	0.289	44.7	7.81	18.90
AU178		0.39	0.003	0.0010	0.167	1.27	7.53	<10	748	0.36	0.142	0.41	0.244	38.3	8.13	23.9
AU179		0.50	0.006	0.0012	0.108	1.55	9.61	<10	445	0.43	0.169	0.19	0.157	35.4	7.57	27.4
AU180		0.43	0.004	0.0006	0.271	1.17	4.89	<10	531	0.27	0.139	0.24	0.129	26.2	5.74	19.85
AU181		0.44	0.001	0.0006	0.111	1.22	6.15	<10	543	0.37	0.102	0.24	0.132	39.9	9.17	22.6
AU182		0.42	<0.001	0.0003	0.061	1.49	8.54	<10	298	0.34	0.158	0.15	0.153	22.5	11.55	29.1
AU183		0.58	0.001	0.0016	0.145	1.35	7.36	<10	451	0.47	0.149	0.26	0.096	40.2	7.38	26.3
AU211		0.87	0.001	0.0055	0.164	1.45	7.21	<10	508	0.48	0.221	0.26	0.090	65.7	6.38	29.3
AU212		0.72	<0.001	0.0008	0.127	0.90	5.12	<10	254	0.25	0.437	0.13	0.156	54.4	4.68	16.55
AU213		0.80	0.003	0.0017	0.132	1.00	5.71	<10	599	0.47	0.638	0.09	0.080	98.1	5.90	17.15
AU214		0.80	0.004	0.0015	0.132	1.17	6.25	<10	296	0.43	0.535	0.11	0.227	58.0	9.03	18.05
AU215		0.62	0.001	0.0008	0.106	1.26	5.30	<10	283	0.34	0.311	0.14	0.169	48.5	7.69	19.60
AU216		0.72	0.003	0.0010	0.163	1.38	7.47	<10	260	0.33	0.246	0.21	0.207	32.5	5.43	21.0
AU217		0.83	0.001	0.0011	0.137	1.24	7.93	<10	224	0.26	0.199	0.21	0.203	35.4	7.40	20.7
AU218		0.78	<0.001	0.0186	0.147	1.32	6.68	<10	311	0.33	0.193	0.25	0.229	40.3	6.47	21.1
AU219		0.87	0.001	0.0010	0.145	1.47	6.96	<10	411	0.41	0.173	0.23	0.308	48.3	7.33	23.6
AU220		0.72	<0.001	0.0118	0.103	1.16	5.10	<10	437	0.40	0.171	0.15	0.314	72.1	6.86	18.80

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.



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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	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	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.005	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01
AU85		1.000	17.95	1.940	4.25	0.077	0.024	0.042	0.017	0.32	30.8	8.4	0.52	224	0.93
AU86		0.650	7.50	1.270	2.63	0.042	0.016	0.013	0.022	0.15	13.80	5.9	0.18	91.7	0.84
AU87															
AU88a		0.358	12.60	1.380	2.52	0.053	0.089	0.027	0.021	0.08	20.0	6.9	0.28	112.0	0.64
AU88b		0.404	12.85	1.550	3.04	0.055	0.043	0.025	0.020	0.08	18.90	6.9	0.30	132.0	0.62
AU89		0.369	11.75	1.430	2.22	0.057	0.210	0.027	0.029	0.10	22.4	3.1	0.11	82.5	1.11
AU90		0.547	11.50	1.260	2.14	0.052	0.073	0.020	0.032	0.14	20.8	3.1	0.13	137.0	0.70
AU91		0.363	15.60	1.750	3.09	0.057	0.082	0.038	0.022	0.07	22.8	8.9	0.34	195.0	0.73
AU92		0.343	11.50	1.800	3.32	0.050	0.076	0.040	0.024	0.07	20.2	9.0	0.35	159.0	0.74
AU93		0.422	15.10	2.18	4.03	0.058	0.118	0.028	0.024	0.06	26.2	11.2	0.40	229	0.91
AU94		0.466	26.8	2.38	4.17	0.067	0.150	0.065	0.027	0.06	22.5	10.8	0.42	291	0.78
AU95		0.287	6.13	1.480	2.79	0.040	0.033	0.017	0.018	0.09	13.55	6.9	0.21	146.0	0.74
AU96		0.504	12.35	2.58	5.44	0.050	0.055	0.017	0.037	0.08	14.80	12.7	0.35	157.0	1.38
AU97		0.399	12.95	1.980	3.93	0.048	0.099	0.041	0.022	0.06	15.55	9.5	0.35	161.0	0.86
AU98		0.331	17.85	2.04	4.05	0.064	0.146	0.120	0.028	0.06	22.0	10.9	0.37	214	0.76
AU169		0.331	13.35	2.09	4.17	0.051	0.080	0.039	0.023	0.06	18.40	9.7	0.32	117.5	1.10
AU170		0.349	11.55	2.08	4.79	0.045	0.073	0.022	0.023	0.10	13.70	10.2	0.37	229	0.96
AU171		0.395	19.60	2.00	4.60	0.103	0.040	0.079	0.025	0.07	41.5	10.5	0.32	149.5	1.13
AU172		0.594	8.70	1.380	4.47	0.040	0.009	0.048	0.020	0.11	14.10	6.3	0.34	155.0	1.20
AU173		0.736	11.55	1.810	4.25	0.067	0.012	0.047	0.024	0.16	20.3	6.1	0.31	227	1.26
AU174		0.628	9.47	1.700	4.64	0.046	0.005	0.035	0.018	0.10	11.95	7.6	0.39	155.5	0.80
AU175		0.630	9.22	1.740	4.27	0.049	0.006	0.058	0.023	0.09	16.45	7.9	0.38	128.0	0.61
AU176		0.698	25.5	2.32	4.24	0.071	0.027	0.036	0.023	0.07	22.8	13.9	0.47	472	0.75
AU177		0.462	18.85	1.500	3.30	0.067	0.023	0.034	0.015	0.10	23.0	9.2	0.44	132.0	0.76
AU178		0.295	17.25	2.16	4.36	0.077	0.023	0.035	0.019	0.20	29.5	10.7	0.44	488	0.96
AU179		0.498	16.60	2.46	4.56	0.052	0.043	0.019	0.029	0.09	11.45	15.5	0.47	239	0.99
AU180		0.374	9.41	1.860	4.59	0.041	0.017	0.025	0.019	0.14	10.95	8.7	0.40	349	0.88
AU181		0.377	11.85	2.06	4.10	0.062	0.052	0.032	0.027	0.10	20.0	10.2	0.38	627	0.85
AU182		0.458	10.35	2.59	5.31	0.045	0.026	0.017	0.026	0.09	10.15	10.0	0.36	571	1.15
AU183		0.332	17.00	2.10	4.05	0.058	0.117	0.051	0.026	0.08	20.7	11.1	0.36	237	1.22
AU211		0.455	26.2	2.05	4.57	0.093	0.195	0.057	0.022	0.07	37.2	11.8	0.36	180.5	1.41
AU212		0.239	16.60	1.870	2.76	0.060	0.112	0.032	0.020	0.09	32.8	7.0	0.23	168.5	1.25
AU213		0.213	28.8	2.28	3.00	0.089	0.403	0.056	0.018	0.11	50.9	7.0	0.21	148.5	1.45
AU214		0.420	30.5	2.15	3.39	0.061	0.326	0.052	0.026	0.10	24.4	8.3	0.22	476	1.71
AU215		0.571	14.40	1.940	4.71	0.065	0.167	0.026	0.022	0.17	24.2	7.9	0.41	310	1.31
AU216		0.491	17.95	1.900	4.42	0.052	0.014	0.058	0.022	0.05	16.95	9.9	0.29	110.5	0.90
AU217		0.487	13.50	1.930	4.21	0.061	0.017	0.038	0.020	0.06	19.60	9.8	0.33	216	0.94
AU218		0.470	16.50	1.830	4.18	0.066	0.015	0.041	0.020	0.07	22.6	9.9	0.35	132.5	0.66
AU219		0.586	20.7	2.14	4.55	0.071	0.012	0.049	0.028	0.07	23.5	10.3	0.37	178.5	0.74
AU220		0.555	15.15	1.900	4.13	0.100	0.006	0.059	0.028	0.12	40.9	7.9	0.31	269	1.09

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

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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	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Pd ppm 0.001	Pt ppm 0.002	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005
AU85		1.015	10.40	0.023	14.00	<0.001	<0.002	44.7	<0.001	0.01	0.417	2.54	0.1	0.45	21.7	<0.005
AU86		0.645	4.97	0.024	13.40	<0.001	<0.002	23.3	<0.001	<0.01	0.423	1.950	0.1	0.40	8.67	<0.005
AU87																
AU88a		0.537	9.05	0.034	13.90	<0.001	<0.002	7.96	<0.001	<0.01	0.645	2.52	0.2	0.31	17.55	<0.005
AU88b		0.815	8.82	0.024	11.75	<0.001	<0.002	9.81	<0.001	0.01	0.576	2.41	0.2	0.35	19.90	<0.005
AU89		0.275	5.92	0.012	20.2	<0.001	<0.002	11.00	<0.001	<0.01	0.668	2.31	0.2	0.29	5.55	<0.005
AU90		0.289	6.42	0.014	21.3	<0.001	<0.002	16.90	<0.001	0.01	0.785	3.00	0.2	0.30	6.91	<0.005
AU91		0.698	12.60	0.029	13.30	<0.001	<0.002	8.18	<0.001	0.01	0.521	3.26	0.2	0.39	15.55	<0.005
AU92		0.852	11.45	0.039	13.80	<0.001	<0.002	8.15	<0.001	<0.01	0.503	2.77	0.2	0.38	18.20	<0.005
AU93		0.770	14.95	0.025	12.80	<0.001	<0.002	8.86	<0.001	<0.01	0.544	3.60	0.3	0.46	20.7	<0.005
AU94		0.658	20.7	0.031	10.30	<0.001	<0.002	7.70	<0.001	0.01	0.671	5.06	0.4	0.48	27.9	<0.005
AU95		0.700	7.81	0.016	14.65	<0.001	<0.002	10.50	<0.001	<0.01	0.508	1.995	0.1	0.41	11.20	<0.005
AU96		1.235	15.75	0.028	23.2	<0.001	<0.002	9.43	<0.001	0.01	0.610	3.60	0.2	0.72	15.85	<0.005
AU97		0.794	12.20	0.023	9.39	<0.001	<0.002	7.84	<0.001	0.01	0.592	3.61	0.3	0.48	18.40	<0.005
AU98		0.828	14.25	0.034	9.64	<0.001	<0.002	7.16	<0.001	0.01	0.602	4.38	0.3	0.52	25.1	<0.005
AU169		0.964	11.30	0.041	26.1	<0.001	<0.002	8.12	<0.001	0.01	0.393	2.86	0.4	0.41	16.30	<0.005
AU170		0.943	11.30	0.038	18.80	<0.001	<0.002	12.00	<0.001	0.01	0.372	2.95	0.4	0.56	13.35	<0.005
AU171		0.934	16.55	0.044	23.6	<0.001	<0.002	12.10	<0.001	0.01	0.455	4.61	0.5	0.43	20.9	<0.005
AU172		0.640	9.40	0.047	13.05	<0.001	<0.002	20.4	<0.001	0.02	0.200	2.27	0.2	0.46	22.6	<0.005
AU173		0.617	7.39	0.053	19.15	<0.001	<0.002	21.8	<0.001	0.04	0.272	2.48	0.4	0.51	13.45	<0.005
AU174		0.601	9.76	0.041	12.30	<0.001	<0.002	18.30	<0.001	0.03	0.265	1.995	0.2	0.46	12.95	<0.005
AU175		0.648	10.75	0.064	14.20	<0.001	<0.002	18.15	<0.001	0.03	0.288	2.16	0.4	0.45	14.00	<0.005
AU176		1.065	22.7	0.063	11.95	<0.001	<0.002	11.70	<0.001	0.02	0.606	4.25	0.5	0.42	24.3	<0.005
AU177		0.741	14.25	0.052	16.85	<0.001	<0.002	12.15	<0.001	0.06	0.360	2.80	0.3	0.32	33.1	<0.005
AU178		0.914	17.55	0.069	9.97	<0.001	<0.002	14.40	<0.001	0.03	0.463	3.66	0.3	0.40	36.5	<0.005
AU179		0.852	21.5	0.029	17.40	<0.001	<0.002	11.85	<0.001	0.01	0.629	3.83	0.2	0.54	19.15	<0.005
AU180		0.829	12.25	0.034	9.01	<0.001	0.002	19.05	<0.001	0.01	0.369	2.88	0.1	0.52	21.9	<0.005
AU181		0.870	14.85	0.040	7.49	<0.001	<0.002	10.95	<0.001	0.01	0.457	4.04	0.3	0.50	23.8	<0.005
AU182		1.005	14.85	0.037	9.48	<0.001	<0.002	14.35	<0.001	0.01	0.532	2.94	0.3	0.58	15.45	<0.005
AU183		0.822	18.20	0.032	12.00	<0.001	<0.002	10.20	<0.001	0.01	0.643	4.15	0.2	0.47	20.8	<0.005
AU211		0.718	19.40	0.036	22.8	<0.001	<0.002	9.67	<0.001	<0.01	0.576	4.78	0.4	0.54	25.3	<0.005
AU212		0.700	10.15	0.030	44.3	<0.001	<0.002	6.56	<0.001	0.09	0.491	2.27	0.3	0.30	22.3	<0.005
AU213		0.228	13.05	0.032	31.8	<0.001	0.002	8.66	<0.001	0.12	0.484	3.51	0.5	0.31	25.1	<0.005
AU214		0.453	12.65	0.036	100.5	<0.001	<0.002	13.05	<0.001	0.03	0.488	3.15	0.4	0.39	15.75	<0.005
AU215		0.840	12.25	0.035	27.6	<0.001	<0.002	21.6	<0.001	0.01	0.417	3.21	0.3	0.44	15.90	<0.005
AU216		0.882	13.60	0.048	24.6	<0.001	<0.002	9.90	<0.001	0.01	0.408	3.00	0.5	0.44	17.80	<0.005
AU217		0.851	13.05	0.050	22.0	0.001	<0.002	10.65	<0.001	0.01	0.410	2.80	0.3	0.41	16.75	<0.005
AU218		0.820	14.75	0.058	18.40	<0.001	<0.002	10.70	<0.001	0.01	0.432	3.08	0.3	0.40	20.5	<0.005
AU219		0.794	16.45	0.064	15.70	<0.001	<0.002	11.80	<0.001	0.01	0.452	3.81	0.4	0.43	18.95	<0.005
AU220		0.488	12.65	0.057	21.7	<0.001	<0.002	16.40	<0.001	0.02	0.380	2.95	0.3	0.43	13.60	<0.005

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.



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

Page: 2 - D  
Total # Pages: 3 (A - D)  
Plus Appendix Pages  
Finalized Date: 23-OCT-2017  
Account: COUDES

Project: Yukon 2017

**CERTIFICATE OF ANALYSIS WH17219135**

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	Ti	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
AU85		0.02	5.52	0.062	0.285	1.645	20.2	0.088	12.65	68.4
AU86		0.01	6.68	0.018	0.164	1.200	12.5	0.077	7.09	34.8
AU87										
AU88a		0.01	7.34	0.040	0.065	1.490	23.1	0.104	9.56	34.8
AU88b		0.03	5.31	0.054	0.072	2.16	29.1	0.128	6.63	41.8
AU89		0.01	11.05	0.016	0.074	1.230	14.2	0.065	11.30	37.3
AU90		0.01	9.79	0.010	0.133	0.986	11.4	0.077	10.85	45.6
AU91		0.02	8.00	0.048	0.066	1.025	32.0	0.114	11.40	37.7
AU92		0.02	7.42	0.055	0.060	0.745	36.2	0.277	7.11	38.2
AU93		0.02	7.73	0.058	0.068	0.772	43.6	0.312	9.90	41.4
AU94		0.03	6.08	0.065	0.064	1.660	46.5	0.161	15.25	43.7
AU95		0.02	4.87	0.033	0.066	0.455	27.4	0.109	5.50	32.5
AU96		0.01	5.47	0.059	0.098	0.460	60.1	0.318	4.73	45.4
AU97		0.01	5.13	0.060	0.069	0.888	41.0	0.200	7.34	35.0
AU98		0.02	6.46	0.063	0.062	1.435	40.6	0.173	12.15	40.3
AU169		0.02	5.52	0.062	0.072	0.899	37.7	0.224	7.07	56.8
AU170		<0.01	5.85	0.060	0.108	0.689	36.6	0.197	5.47	52.4
AU171		0.02	6.88	0.051	0.103	1.780	41.4	0.181	20.2	58.4
AU172		0.02	2.66	0.047	0.161	0.839	30.1	0.151	5.70	50.2
AU173		0.03	1.755	0.045	0.164	1.275	36.9	0.138	7.48	39.0
AU174		0.03	0.989	0.049	0.150	0.698	38.6	0.184	4.63	52.3
AU175		0.02	1.130	0.046	0.145	0.840	36.2	0.140	6.03	54.8
AU176		0.03	4.56	0.066	0.119	1.255	47.1	0.139	11.95	74.4
AU177		0.03	4.36	0.054	0.088	3.09	31.8	0.178	10.95	68.9
AU178		0.02	3.56	0.059	0.089	1.645	43.6	0.209	13.75	53.2
AU179		0.04	6.05	0.059	0.121	0.601	47.0	0.234	4.26	52.1
AU180		0.03	2.94	0.056	0.142	0.578	38.7	0.159	3.16	45.1
AU181		0.02	5.79	0.055	0.091	1.495	40.5	0.142	8.37	46.0
AU182		0.03	2.98	0.072	0.083	0.472	61.4	0.165	2.77	66.2
AU183		0.04	6.32	0.059	0.076	0.749	44.0	0.148	9.09	43.7
AU211		0.03	10.20	0.065	0.090	1.685	44.2	0.243	16.40	64.1
AU212		0.02	10.80	0.047	0.059	1.375	29.6	0.127	8.55	54.1
AU213		0.04	17.10	0.030	0.076	1.870	25.6	0.107	15.60	40.2
AU214		0.03	13.45	0.031	0.122	1.575	29.1	0.111	13.25	96.6
AU215		0.03	8.69	0.068	0.168	1.010	36.7	0.167	9.44	60.2
AU216		0.02	2.45	0.051	0.082	1.160	39.4	0.182	6.66	55.0
AU217		0.02	3.52	0.058	0.095	0.939	41.2	0.158	7.14	59.3
AU218		0.03	2.94	0.056	0.096	1.270	38.1	0.219	9.32	61.4
AU219		0.03	2.60	0.051	0.108	1.555	42.6	0.143	10.90	66.1
AU220		0.01	1.680	0.036	0.124	3.01	31.1	0.330	19.75	59.3

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

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



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

Page: 3 - A  
Total # Pages: 3 (A - D)  
Plus Appendix Pages  
Finalized Date: 23-OCT-2017  
Account: COUDES

Project: Yukon 2017

**CERTIFICATE OF ANALYSIS WH17219135**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. 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
AU221		0.77	<0.001	0.0011	0.145	1.24	9.33	<10	359	0.35	0.180	0.27	0.256	42.6	11.25	21.2
AU222		0.63	0.008	0.0018	0.179	1.36	7.41	<10	498	0.42	0.224	0.55	0.300	66.5	10.45	25.9
AU223		0.83	<0.001	0.0008	0.127	1.23	6.56	<10	622	0.42	0.276	0.41	0.200	59.3	6.54	19.80
AU224		0.69	<0.001	0.0010	0.082	1.25	5.79	<10	324	0.38	0.205	0.20	0.119	43.8	6.58	23.1
AU225		0.79	<0.001	0.0007	0.093	1.11	7.09	<10	254	0.33	0.398	0.19	0.161	66.9	4.55	17.95
AU127		0.83	0.001	0.0012	0.035	1.55	6.74	<10	351	0.35	0.151	0.15	0.127	32.6	6.19	24.2
AU128		0.89	<0.001	0.0008	0.194	1.02	5.63	<10	320	0.37	0.160	0.21	0.236	37.0	10.85	16.65
AU129		0.55	0.001	0.0019	0.202	1.19	7.19	<10	515	0.30	0.225	0.65	0.685	52.6	10.45	20.7
AU130		0.68	<0.001	0.0010	0.228	1.19	9.27	<10	611	0.38	0.253	0.57	0.371	54.4	7.29	19.10
AU131		0.93	<0.001	0.0017	0.172	1.19	25.4	<10	509	0.37	0.200	0.38	0.329	57.6	6.70	14.70
AU132		0.92	<0.001	0.0010	0.131	1.26	4.02	<10	420	0.45	0.227	0.16	0.123	70.1	4.67	13.55
AU133		0.82	<0.001	0.0015	0.077	0.99	3.52	<10	432	0.38	0.172	0.17	0.084	71.4	4.18	13.70
AU134		0.87	<0.001	0.0036	0.025	0.98	4.83	<10	187.5	0.26	0.116	0.07	0.093	31.5	3.36	10.95
AU135		0.83	0.001	0.0009	0.123	1.21	5.18	<10	519	0.42	0.172	0.40	0.166	81.8	7.06	18.05
AU136		0.88	0.001	0.0013	0.049	1.34	8.21	<10	365	0.40	0.137	0.25	0.057	39.2	7.85	26.4
AU137		0.84	0.001	0.0010	0.046	1.10	3.89	<10	269	0.23	0.160	0.10	0.052	29.7	4.19	13.20
AU138		0.74	<0.001	0.0011	0.043	1.25	7.71	<10	328	0.31	0.156	0.14	0.056	22.4	6.25	22.3
AU139		0.85	<0.001	0.0003	0.064	1.00	3.56	<10	444	0.34	0.152	0.08	0.075	54.6	5.38	13.25
AU140		0.72	0.001	0.0006	0.251	1.06	6.65	<10	265	0.19	0.161	0.11	0.075	17.45	3.68	17.75
AU141		0.79	<0.001	<0.0002	0.437	0.61	3.49	<10	249	0.15	0.160	0.11	0.152	18.30	4.20	13.10

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

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



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

Page: 3 - B  
Total # Pages: 3 (A - D)  
Plus Appendix Pages  
Finalized Date: 23-OCT-2017  
Account: COUDES

Project: Yukon 2017

**CERTIFICATE OF ANALYSIS WH17219135**

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	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.005	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01
AU221		0.571	14.05	2.26	3.91	0.057	0.010	0.050	0.027	0.05	20.2	9.8	0.33	276	0.88
AU222		0.659	23.0	2.43	4.29	0.089	0.023	0.050	0.023	0.08	33.7	11.8	0.48	601	0.99
AU223		0.345	19.25	2.02	3.90	0.094	0.060	0.042	0.035	0.11	30.5	7.6	0.40	326	1.15
AU224		0.293	17.45	1.860	3.86	0.059	0.196	0.028	0.028	0.10	21.8	9.9	0.34	162.5	1.09
AU225		0.338	28.6	1.750	3.66	0.083	0.244	0.040	0.032	0.12	33.3	7.5	0.42	175.5	1.19
AU127		0.623	12.70	2.33	4.44	0.059	0.098	0.029	0.024	0.07	16.80	11.5	0.34	193.0	0.99
AU128		0.823	10.95	2.36	3.36	0.062	0.006	0.058	0.028	0.13	18.30	6.9	0.28	439	1.24
AU129		0.492	18.60	2.20	3.65	0.076	0.018	0.054	0.026	0.08	27.2	9.6	0.42	1165	1.04
AU130		0.309	31.0	1.890	3.38	0.070	0.025	0.058	0.024	0.10	26.4	6.8	0.42	438	0.85
AU131		0.564	25.8	3.56	3.62	0.121	0.030	0.069	0.031	0.16	40.7	6.8	0.44	268	1.36
AU132		0.573	14.95	1.920	4.75	0.120	0.040	0.039	0.035	0.28	57.9	7.0	0.37	239	1.04
AU133		0.618	15.00	1.560	3.43	0.082	0.165	0.032	0.025	0.16	34.8	7.1	0.32	193.0	0.54
AU134		0.491	8.73	1.640	3.18	0.050	0.023	0.015	0.028	0.13	14.00	7.7	0.21	107.0	0.80
AU135		0.547	17.15	1.940	4.67	0.136	0.042	0.062	0.027	0.25	45.9	8.4	0.50	429	0.87
AU136		0.349	22.2	2.37	3.97	0.090	0.142	0.034	0.018	0.07	22.4	9.3	0.45	195.5	0.84
AU137		0.210	9.62	1.590	3.41	0.049	0.045	0.016	0.017	0.12	18.05	5.9	0.38	145.0	0.58
AU138		0.284	14.25	1.990	3.98	0.038	0.043	0.022	0.027	0.06	13.00	8.7	0.36	166.0	0.79
AU139		0.671	13.75	2.34	4.59	0.086	0.118	0.018	0.030	0.19	26.0	4.8	0.44	253	1.56
AU140		0.292	7.93	1.690	4.47	0.036	0.033	0.017	0.014	0.06	9.28	7.4	0.24	112.5	1.03
AU141		0.396	4.49	1.320	3.89	0.035	0.004	0.017	0.017	0.10	7.11	3.2	0.13	624	1.06

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

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



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To: COUREUR DES BOIS  
3 RYDER PLACE  
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Page: 3 - C  
Total # Pages: 3 (A - D)  
Plus Appendix Pages  
Finalized Date: 23-OCT-2017  
Account: COUDES

Project: Yukon 2017

**CERTIFICATE OF ANALYSIS WH17219135**

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	ME-MS41L
		Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.002	0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005
AU221		0.738	14.95	0.066	13.45	<0.001	<0.002	10.65	<0.001	0.02	0.514	3.14	0.4	0.40	20.5	<0.005
AU222		0.919	19.35	0.062	21.3	<0.001	<0.002	15.10	<0.001	0.04	0.478	3.95	0.5	0.46	59.4	<0.005
AU223		0.853	13.10	0.037	17.25	<0.001	<0.002	12.85	<0.001	0.03	0.553	4.33	0.3	0.46	45.4	<0.005
AU224		0.734	14.75	0.020	13.50	<0.001	<0.002	11.00	<0.001	<0.01	0.490	3.97	0.3	0.42	24.5	<0.005
AU225		0.642	10.30	0.021	18.05	<0.001	<0.002	14.25	0.001	<0.01	0.413	3.34	0.5	0.40	20.4	<0.005
AU127		0.633	14.25	0.024	11.45	<0.001	<0.002	13.45	<0.001	<0.01	0.508	3.62	0.2	0.48	15.35	<0.005
AU128		0.440	11.60	0.067	18.65	<0.001	<0.002	15.85	<0.001	0.01	0.711	3.60	0.3	0.36	23.7	<0.005
AU129		0.647	17.55	0.074	21.0	<0.001	<0.002	14.30	<0.001	0.06	0.430	2.90	0.4	0.37	56.9	<0.005
AU130		0.527	14.90	0.056	15.85	<0.001	<0.002	9.22	<0.001	0.05	0.442	3.42	0.6	0.33	40.9	<0.005
AU131		0.480	11.40	0.066	16.25	<0.001	<0.002	16.05	<0.001	0.04	0.729	4.46	0.4	0.39	37.5	<0.005
AU132		0.702	10.60	0.034	18.85	<0.001	<0.002	35.4	<0.001	0.01	0.540	4.80	0.2	0.62	17.40	<0.005
AU133		0.643	10.25	0.033	12.85	0.002	<0.002	19.25	<0.001	0.01	0.557	3.57	0.2	0.40	15.45	<0.005
AU134		0.548	7.49	0.015	11.45	<0.001	<0.002	16.65	<0.001	<0.01	0.626	2.58	0.1	0.45	8.00	<0.005
AU135		0.821	14.50	0.050	21.4	<0.001	<0.002	29.2	<0.001	0.03	0.469	3.88	0.4	0.44	29.8	<0.005
AU136		0.401	18.35	0.047	9.19	<0.001	<0.002	7.11	<0.001	<0.01	0.655	4.79	0.3	0.39	22.9	<0.005
AU137		0.548	8.67	0.015	17.80	<0.001	<0.002	13.35	<0.001	0.01	0.366	2.16	0.2	0.34	13.05	<0.005
AU138		0.817	14.40	0.018	10.55	<0.001	<0.002	7.21	<0.001	0.01	0.510	2.57	0.2	0.42	17.70	<0.005
AU139		0.459	10.80	0.020	16.00	<0.001	<0.002	26.2	<0.001	<0.01	0.862	4.74	0.1	0.45	12.50	<0.005
AU140		0.948	9.38	0.018	12.90	<0.001	<0.002	7.96	<0.001	0.01	0.375	1.890	0.1	0.49	12.95	<0.005
AU141		0.599	6.72	0.038	9.09	<0.001	<0.002	20.3	<0.001	0.01	0.317	1.605	<0.1	0.54	12.20	<0.005

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

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





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

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 23-OCT-2017  
 Account: COUDES

Project: Yukon 2017

**CERTIFICATE OF ANALYSIS WH17219135**

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	Ti	U	V	W	Y	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1
AU221		0.02	2.13	0.039	0.094	1.155	43.6	0.335	9.25	60.0
AU222		0.03	5.29	0.054	0.122	5.82	43.1	0.275	16.70	76.8
AU223		0.03	6.16	0.055	0.099	2.86	33.3	0.129	14.80	71.1
AU224		0.03	6.71	0.065	0.085	3.33	37.6	0.125	8.42	53.1
AU225		0.02	10.00	0.058	0.118	5.48	27.1	0.121	15.50	101.5
AU127		0.03	5.66	0.046	0.111	0.892	43.5	0.146	6.80	51.2
AU128		0.03	2.54	0.023	0.129	1.650	30.7	0.133	9.32	72.6
AU129		0.02	2.57	0.041	0.103	6.27	34.8	0.144	14.15	75.2
AU130		0.02	3.50	0.031	0.067	2.28	29.7	0.199	14.85	66.1
AU131		0.03	7.48	0.027	0.121	2.53	34.2	0.165	19.65	75.5
AU132		0.02	10.20	0.043	0.242	2.50	23.4	0.114	25.0	56.6
AU133		0.01	10.00	0.051	0.167	1.145	22.4	0.088	12.10	53.1
AU134		0.02	5.10	0.027	0.132	0.570	23.6	0.113	5.18	35.0
AU135		0.02	8.76	0.058	0.202	2.61	30.3	0.142	20.8	56.0
AU136		0.02	5.96	0.071	0.062	1.040	44.4	0.294	13.00	45.8
AU137		0.02	5.97	0.041	0.114	0.485	23.7	0.253	5.05	40.2
AU138		0.02	3.95	0.051	0.059	0.538	39.4	0.198	3.51	36.6
AU139		0.02	8.89	0.043	0.203	1.140	27.3	0.085	10.75	64.7
AU140		0.03	2.63	0.045	0.057	0.330	44.1	0.165	2.36	26.4
AU141		0.02	1.535	0.039	0.097	0.355	30.6	0.139	2.79	33.8

Comments: Sample AU87 missing. 2 samples received labeled AU88. Renamed AU88a and AU88b.

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



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

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 23-OCT-2017  
Account: COUDES

Project: Yukon 2017

**CERTIFICATE OF ANALYSIS WH17219135**

**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.  
Au-ICP21 ME-MS41L