



ALS Canada Ltd.  
2103 Dollarton Hwy  
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To: COUREUR DES BOIS  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

Page: 1  
Finalized Date: 16-OCT-2012  
This copy reported on  
31-JUL-2013  
Account: COUDES

**CERTIFICATE WH12235260**

Project: AB  
P.O. No.:  
This report is for 58 Soil samples submitted to our lab in Whitehorse, YT, Canada on 4-OCT-2012.

The following have access to data associated with this certificate:

DANIELE HEON

D. JACOB

R. STROSHEIN

**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
ME-MS41L	51 anal. aqua regia ICPMS

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 WH12235260**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	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	ME-MS41L Cs ppm
		0.02	0.0002	0.002	0.01	0.02	10	0.5	0.05	0.01	0.01	0.01	0.02	0.1	0.5	0.05
AB 64A		0.81	0.0014	0.052	2.66	11.60	<10	165.0	0.89	0.26	0.13	0.26	32.7	14.9	37.7	3.26
AB 64B		1.00	0.0005	0.068	1.91	8.89	<10	119.0	0.60	0.25	0.23	0.18	28.1	13.3	33.3	3.49
AB 64C		0.92	0.0008	0.093	1.61	11.95	<10	207	0.55	0.20	0.32	0.31	35.3	11.4	37.5	2.23
AB 64D		0.97	0.0008	0.069	1.71	7.21	<10	211	0.64	0.23	0.36	0.29	38.9	8.6	37.5	3.54
AB 64E		0.92	0.0025	0.103	1.96	7.18	<10	197.5	0.64	0.28	0.36	0.24	42.0	9.7	47.0	5.45
AB 64F		0.87	0.0010	0.050	1.68	10.45	<10	190.0	0.76	0.18	0.28	0.37	36.6	13.0	29.6	3.77
AB 64G		0.73	0.0047	0.048	2.39	8.86	<10	145.0	0.69	0.17	0.20	0.25	24.2	13.2	34.6	2.06
AB 64H		0.79	0.0030	0.064	1.59	7.54	<10	193.5	0.85	0.17	0.39	0.43	46.4	11.6	31.0	3.73
AB 64I		0.57	0.0041	0.047	1.47	5.77	<10	195.0	0.84	0.15	0.34	0.43	34.7	9.4	23.7	4.83
AB-A65		0.70	0.0010	0.076	1.70	8.21	<10	123.5	1.22	0.98	0.20	0.24	27.2	10.4	27.1	2.39
AB-B65		0.61	<0.0002	0.124	0.62	1.92	<10	85.6	0.41	0.22	0.10	0.09	10.65	3.0	9.0	0.74
AB-C65		0.65	0.0222	0.108	1.58	7.72	<10	174.5	1.20	0.69	0.26	0.34	24.7	6.3	27.0	4.06
AB-D65		0.66	0.0003	0.075	0.32	1.26	<10	99.7	0.83	0.27	0.14	0.13	6.26	2.1	7.2	1.05
AB-E65		0.87	0.0010	0.057	1.14	5.94	<10	102.5	2.16	1.49	0.14	0.40	26.5	6.5	19.0	9.84
AB-F65		0.76	<0.0002	0.039	0.76	3.17	<10	58.3	0.46	0.98	0.07	0.11	20.7	2.2	10.8	3.20
AB-G65		0.80	0.0035	0.046	1.48	7.74	<10	119.0	0.96	0.42	0.19	0.21	30.7	8.2	26.9	3.85
AB-A66		0.86	0.0013	0.057	1.59	6.82	<10	107.5	0.98	0.89	0.23	0.28	25.1	7.3	25.7	2.23
AB-B66		0.52	0.0010	0.086	1.86	9.23	<10	100.0	0.93	0.60	0.14	0.23	19.40	6.9	29.0	2.03
AB-C66		0.53	0.0020	0.189	1.50	7.52	<10	173.0	1.08	1.14	0.27	0.51	20.8	5.0	26.2	4.81
AB-D66		0.54	0.0030	0.137	1.76	3.27	<10	235	1.39	0.52	0.41	0.31	35.7	12.1	90.1	9.02
AB-E66		0.74	0.0011	0.105	1.37	11.90	<10	125.5	1.09	0.93	0.16	0.13	26.4	5.7	42.4	12.40
AB-F66		0.75	0.0100	0.044	1.65	8.30	<10	63.5	0.59	0.84	0.08	0.21	21.3	5.4	23.9	3.35
AB-G66		0.88	0.0034	0.056	1.10	4.62	<10	90.6	0.61	1.06	0.23	0.25	22.5	6.3	22.2	2.43
AB-A67		0.75	0.0012	0.096	1.85	5.53	<10	77.1	0.66	0.75	0.19	0.34	17.65	7.0	28.0	1.29
AB-B67		0.36	0.0004	0.175	0.64	4.39	<10	89.4	0.31	1.32	0.12	0.43	12.15	2.8	16.7	2.35
AB-C67		0.76	0.0016	0.087	1.13	6.85	<10	137.0	1.18	1.00	0.20	0.25	26.4	6.2	25.3	3.04
AB-D67		0.84	0.0012	0.049	1.41	5.69	<10	86.6	0.83	0.50	0.17	0.16	24.6	6.3	26.5	3.13
AB-E67		0.67	0.0082	0.220	2.10	4.12	<10	179.5	1.73	0.86	0.15	0.09	43.2	4.2	43.5	11.50
AB-F67		0.83	0.0014	0.141	1.83	5.79	<10	141.5	1.32	0.75	0.13	0.12	25.3	4.8	26.9	7.24
AB-G67		0.70	0.0008	0.039	0.87	3.60	<10	83.8	1.65	2.52	0.14	0.22	22.8	2.8	13.6	7.54
AB-A68		0.54	0.0312	0.063	1.29	6.13	<10	92.7	0.85	1.88	0.20	0.29	18.00	5.8	23.1	3.98
AB-B68		0.68	0.0074	0.068	1.66	7.75	<10	131.0	0.87	1.10	0.16	0.24	21.0	7.4	25.9	2.18
AB-C68		0.72	0.0148	0.056	0.93	3.63	<10	48.3	0.37	0.46	0.07	0.10	8.77	4.0	12.4	1.36
AB-D68		0.65	0.0066	0.410	2.14	12.85	<10	345	2.74	1.41	0.66	0.71	50.7	11.2	36.1	12.25
AB-E68		0.90	0.0009	0.125	3.49	5.95	<10	263	3.48	1.38	0.26	0.10	34.4	30.0	355	27.5
AB-F68		0.70	0.0006	0.044	0.68	1.86	<10	63.1	0.48	0.17	0.11	0.05	13.15	2.5	7.4	1.75
AB-G68		0.84	0.0016	0.036	0.89	4.09	<10	84.0	1.66	2.69	0.14	0.23	22.7	3.1	14.6	7.84
AB-A69		0.63	0.0024	0.062	1.25	6.43	<10	96.9	0.52	1.14	0.16	0.30	18.10	6.5	26.0	1.27
AB-B69		0.81	0.0014	0.081	1.59	5.98	<10	142.5	1.38	1.41	0.25	0.26	28.5	6.8	26.5	3.66
AB-C69		0.68	0.0025	0.059	1.77	6.59	<10	79.3	0.71	0.66	0.18	0.33	20.5	7.1	28.3	1.88



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**CERTIFICATE OF ANALYSIS WH12235260**

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
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.01	0.01	0.05	0.05	0.02	0.005	0.005	0.01	0.2	0.1	0.01	1	0.01	0.01	0.05
AB 64A		27.5	3.46	8.57	0.05	0.06	0.026	0.032	0.13	15.4	35.6	0.60	460	1.25	0.01	2.32
AB 64B		17.95	3.25	8.06	0.07	0.03	0.023	0.029	0.15	14.1	33.1	0.57	720	1.27	0.01	2.23
AB 64C		27.1	3.09	6.19	0.07	0.20	0.035	0.029	0.15	17.5	30.1	0.49	204	0.67	0.02	1.62
AB 64D		30.7	2.48	6.23	0.09	0.20	0.032	0.026	0.16	18.8	37.4	0.55	198	0.68	0.02	0.92
AB 64E		34.6	2.83	7.34	0.08	0.05	0.033	0.026	0.16	21.0	42.2	0.71	249	0.92	0.02	1.51
AB 64F		25.4	2.64	5.93	0.07	0.05	0.023	0.024	0.11	16.7	31.6	0.52	615	0.91	0.01	1.55
AB 64G		19.05	3.00	6.00	<0.05	0.08	0.036	0.027	0.07	11.1	23.0	0.60	466	0.89	0.02	1.72
AB 64H		22.1	2.75	5.28	0.07	0.02	0.024	0.024	0.08	22.0	27.5	0.49	699	0.66	0.03	1.27
AB 64I		20.1	2.27	5.52	0.07	0.05	0.028	0.019	0.12	17.4	41.7	0.42	586	0.59	0.02	1.86
AB-A65		15.85	2.43	5.15	<0.05	0.03	0.043	0.022	0.05	12.8	11.9	0.36	692	0.80	0.01	1.20
AB-B65		9.81	1.26	2.81	<0.05	<0.02	0.033	0.010	0.02	4.8	1.8	0.08	81	0.55	0.02	0.25
AB-C65		15.75	2.37	5.64	<0.05	<0.02	0.041	0.026	0.06	12.8	12.3	0.33	498	0.88	0.02	1.41
AB-D65		5.39	0.79	2.25	<0.05	<0.02	0.026	0.007	0.03	3.4	1.9	0.08	196	0.40	0.02	0.27
AB-E65		10.30	1.80	3.94	<0.05	0.04	0.021	0.017	0.05	12.8	18.8	0.23	511	0.63	0.01	1.16
AB-F65		6.38	1.26	5.01	<0.05	<0.02	0.040	0.011	0.03	10.3	5.8	0.07	111	0.75	0.01	0.85
AB-G65		17.10	2.63	5.86	<0.05	0.02	0.043	0.025	0.06	15.7	15.8	0.39	461	1.01	0.01	1.13
AB-A66		18.90	2.17	4.88	0.05	0.04	0.068	0.024	0.04	12.0	12.4	0.38	392	0.70	0.01	1.15
AB-B66		16.40	2.62	6.20	<0.05	0.03	0.066	0.027	0.05	9.3	13.2	0.31	384	0.91	0.01	1.47
AB-C66		15.05	2.21	5.73	<0.05	<0.02	0.076	0.022	0.08	11.2	9.2	0.28	353	1.07	0.01	1.40
AB-D66		21.3	2.21	5.50	0.06	0.02	0.076	0.028	0.09	17.6	33.3	0.83	773	0.81	0.02	0.94
AB-E66		12.70	2.07	5.15	<0.05	<0.02	0.053	0.028	0.09	14.6	18.9	0.36	158	1.18	0.01	0.84
AB-F66		12.85	2.79	8.84	<0.05	<0.02	0.039	0.020	0.04	10.5	13.9	0.23	282	1.42	0.01	1.31
AB-G66		12.20	2.00	4.06	0.05	0.04	0.053	0.018	0.05	10.9	16.7	0.30	424	0.60	0.01	0.97
AB-A67		16.35	2.16	3.82	<0.05	0.12	0.096	0.022	0.04	8.9	12.4	0.34	302	0.55	0.01	1.00
AB-B67		9.15	1.52	3.94	<0.05	<0.02	0.094	0.013	0.05	6.2	2.8	0.10	188	0.92	0.02	0.63
AB-C67		14.75	2.10	4.07	0.05	<0.02	0.037	0.020	0.06	12.9	9.7	0.29	478	0.68	0.02	0.98
AB-D67		14.80	2.22	4.58	<0.05	0.03	0.034	0.027	0.06	12.4	15.7	0.36	255	0.62	0.01	1.46
AB-E67		15.85	1.88	7.40	0.05	0.02	0.101	0.035	0.06	28.6	17.9	0.36	94	0.71	0.02	1.01
AB-F67		16.50	2.28	6.11	<0.05	<0.02	0.054	0.027	0.06	13.5	13.7	0.32	206	1.01	0.02	0.59
AB-G67		7.55	1.68	2.78	<0.05	0.03	0.017	0.011	0.05	11.3	10.3	0.15	358	0.44	0.01	0.57
AB-A68		12.20	2.10	4.11	<0.05	0.02	0.035	0.020	0.05	8.3	8.6	0.29	456	0.57	0.01	0.67
AB-B68		21.3	2.44	5.55	<0.05	<0.02	0.037	0.022	0.05	10.0	10.5	0.30	536	1.07	0.02	0.67
AB-C68		11.75	1.86	4.46	<0.05	<0.02	0.028	0.012	0.03	3.9	4.1	0.13	209	0.55	0.02	0.22
AB-D68		25.9	3.15	6.06	0.07	0.03	0.119	0.049	0.11	28.2	14.4	0.38	1900	1.61	0.02	1.81
AB-E68		37.1	5.07	11.45	0.07	0.03	0.048	0.050	0.35	20.0	97.3	3.07	579	1.12	0.02	1.86
AB-F68		9.77	1.01	3.21	<0.05	<0.02	0.023	0.010	0.03	7.7	3.5	0.09	95	0.45	0.03	0.43
AB-G68		8.44	1.71	2.96	<0.05	0.04	0.053	0.015	0.05	11.2	10.8	0.17	379	0.46	0.01	0.65
AB-A69		14.80	2.33	4.68	<0.05	<0.02	0.058	0.022	0.05	8.9	9.1	0.34	397	0.83	0.01	0.46
AB-B69		18.25	2.21	4.45	0.05	0.05	0.042	0.020	0.06	14.3	10.5	0.35	509	0.61	0.02	0.89
AB-C69		14.30	2.52	4.89	<0.05	0.05	0.059	0.027	0.05	9.4	11.1	0.31	456	0.79	0.02	1.18



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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
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.001	0.01	0.1	0.001	0.01	0.005	0.1	0.1	0.2	0.2	0.01	0.01	0.1	0.001
AB 64A		31.6	0.051	17.65	25.5	<0.001	0.02	0.579	5.2	0.8	1.0	16.2	0.01	0.05	3.6	0.129
AB 64B		22.4	0.069	20.0	27.9	<0.001	0.02	0.404	3.8	0.4	1.1	17.6	<0.01	0.04	2.9	0.135
AB 64C		26.3	0.082	13.00	26.4	0.001	0.02	0.529	6.9	0.7	1.6	25.6	<0.01	0.03	5.2	0.125
AB 64D		27.5	0.071	16.20	32.1	<0.001	0.11	0.512	7.0	0.9	1.2	27.4	<0.01	0.03	5.8	0.143
AB 64E		32.7	0.084	14.80	35.3	<0.001	0.14	0.541	6.5	0.8	1.2	28.0	<0.01	0.04	5.1	0.142
AB 64F		31.0	0.081	17.50	23.7	0.001	0.19	0.509	4.6	0.7	1.0	20.8	<0.01	0.03	4.0	0.112
AB 64G		26.9	0.036	13.75	11.7	<0.001	0.43	0.488	4.2	0.3	0.8	17.6	0.01	0.03	3.5	0.126
AB 64H		26.0	0.094	20.5	18.4	<0.001	0.83	0.462	4.3	0.8	1.0	23.4	<0.01	0.03	4.0	0.121
AB 64I		21.6	0.092	15.30	27.5	<0.001	0.76	0.361	4.0	0.7	1.6	23.1	<0.01	0.01	4.0	0.121
AB-A65		18.7	0.081	29.8	11.4	<0.001	0.73	0.427	2.9	0.5	0.6	14.6	<0.01	0.03	2.1	0.083
AB-B65		5.0	0.059	10.35	4.2	<0.001	0.08	0.166	0.5	0.3	0.3	14.1	<0.01	0.02	<0.1	0.046
AB-C65		16.5	0.077	24.1	15.6	<0.001	0.07	0.404	2.2	0.6	0.9	22.7	<0.01	0.03	1.0	0.071
AB-D65		4.0	0.052	4.61	6.6	<0.001	0.08	0.099	0.6	0.4	0.4	17.0	<0.01	0.01	0.1	0.035
AB-E65		12.0	0.065	28.9	18.0	<0.001	0.06	0.349	2.1	0.4	0.8	9.7	<0.01	0.02	3.0	0.043
AB-F65		5.4	0.027	10.00	12.4	<0.001	0.15	0.271	0.8	0.1	1.2	8.3	<0.01	0.01	0.8	0.042
AB-G65		19.7	0.080	14.15	13.1	<0.001	0.27	0.455	2.4	0.6	0.8	18.0	<0.01	0.02	1.7	0.076
AB-A66		20.6	0.072	25.5	9.1	<0.001	0.26	0.419	2.9	0.6	0.5	17.7	<0.01	0.01	2.2	0.083
AB-B66		18.7	0.072	35.8	10.3	<0.001	0.33	0.483	2.3	0.7	0.7	14.0	0.01	0.04	1.0	0.084
AB-C66		15.1	0.107	35.5	19.1	<0.001	0.52	0.464	1.4	0.5	1.0	25.3	<0.01	0.03	0.4	0.056
AB-D66		60.2	0.087	14.65	19.2	<0.001	0.10	0.287	3.4	0.7	1.1	25.1	<0.01	0.01	1.1	0.066
AB-E66		26.6	0.076	34.2	17.8	<0.001	0.05	1.385	2.5	0.5	1.0	12.6	<0.01	0.01	1.8	0.051
AB-F66		12.5	0.039	18.85	11.1	<0.001	0.03	0.515	2.1	0.4	1.0	9.2	0.01	0.04	1.8	0.093
AB-G66		15.3	0.070	11.15	10.2	<0.001	0.01	0.309	2.3	0.4	0.8	13.5	<0.01	0.01	3.4	0.089
AB-A67		18.6	0.063	16.95	6.8	<0.001	0.03	0.319	2.6	0.5	0.4	13.5	0.01	0.02	2.6	0.079
AB-B67		8.1	0.070	14.90	17.4	<0.001	0.07	0.333	1.1	0.3	0.7	13.7	<0.01	0.03	0.3	0.063
AB-C67		16.4	0.062	46.2	10.4	<0.001	0.03	0.394	2.9	0.7	0.6	17.1	<0.01	0.02	1.7	0.071
AB-D67		18.4	0.060	13.55	14.0	<0.001	0.02	0.327	2.8	0.5	0.8	13.4	<0.01	0.01	3.6	0.075
AB-E67		21.2	0.107	28.8	13.6	<0.001	0.12	0.421	2.4	0.9	1.2	15.5	<0.01	0.01	0.8	0.050
AB-F67		13.6	0.085	28.5	15.8	<0.001	0.06	0.385	2.2	0.7	0.9	12.4	<0.01	0.02	1.0	0.061
AB-G67		8.0	0.061	18.00	11.5	<0.001	0.01	0.275	1.3	0.4	0.7	8.3	<0.01	0.01	2.5	0.034
AB-A68		15.5	0.071	31.5	9.2	<0.001	0.03	0.320	1.8	0.4	0.4	12.6	<0.01	0.02	1.1	0.078
AB-B68		17.1	0.069	23.5	11.6	<0.001	0.03	0.495	2.0	0.5	0.6	14.6	0.01	0.03	0.9	0.076
AB-C68		6.6	0.039	8.84	5.4	<0.001	0.04	0.199	0.6	0.2	0.4	8.9	<0.01	0.02	0.1	0.064
AB-D68		22.6	0.140	65.9	21.2	<0.001	0.16	0.593	3.5	1.7	1.4	46.0	0.01	0.05	1.2	0.054
AB-E68		227	0.095	22.4	40.4	<0.001	0.05	0.282	8.6	0.8	1.8	18.6	<0.01	0.01	5.1	0.089
AB-F68		3.9	0.053	5.05	3.9	<0.001	0.03	0.142	0.7	0.2	0.4	11.3	<0.01	0.01	0.2	0.043
AB-G68		8.8	0.061	18.50	11.9	<0.001	0.01	0.290	1.4	0.5	0.7	9.0	<0.01	0.01	2.5	0.037
AB-A69		17.0	0.050	13.65	10.7	<0.001	0.04	0.400	1.5	0.5	0.5	14.3	<0.01	0.04	0.5	0.078
AB-B69		18.4	0.077	26.5	11.7	<0.001	0.01	0.377	3.7	0.6	0.5	15.8	<0.01	0.03	3.5	0.104
AB-C69		17.3	0.080	18.45	8.8	<0.001	0.05	0.437	2.2	0.5	0.6	12.2	0.01	0.02	1.9	0.086



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**CERTIFICATE OF ANALYSIS WH12235260**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Tl	U	V	W	Y	Zn
		ppm 0.02	ppm 0.05	ppm 1	ppm 0.01	ppm 0.05	ppm 0.1
AB 64A		0.24	1.47	67	0.41	5.47	73.7
AB 64B		0.23	1.60	63	0.16	5.62	77.8
AB 64C		0.18	3.11	61	0.40	11.65	67.9
AB 64D		0.26	4.37	59	0.17	12.10	73.8
AB 64E		0.30	5.71	66	0.24	12.00	80.4
AB 64F		0.29	4.21	55	0.25	10.15	81.3
AB 64G		0.17	1.99	65	0.24	4.17	69.6
AB 64H		0.23	6.18	63	0.19	11.75	84.8
AB 64I		0.26	17.95	52	0.27	11.50	79.3
AB-A65		0.22	6.84	55	0.18	7.97	69.6
AB-B65		0.09	2.24	33	0.06	3.90	24.0
AB-C65		0.19	5.75	54	0.20	9.34	74.8
AB-D65		0.13	3.46	20	0.07	4.04	20.4
AB-E65		0.25	8.64	33	0.16	6.93	67.9
AB-F65		0.24	2.22	43	0.13	2.23	30.7
AB-G65		0.28	3.08	56	0.32	7.66	61.5
AB-A66		0.24	3.85	51	0.21	6.54	73.3
AB-B66		0.17	2.47	57	0.20	4.87	53.1
AB-C66		0.20	5.90	52	0.21	7.97	69.8
AB-D66		0.38	5.88	45	0.18	15.05	68.0
AB-E66		0.41	5.75	44	0.27	8.34	58.6
AB-F66		0.25	1.08	81	0.27	2.86	48.9
AB-G66		0.14	2.49	50	0.22	5.87	56.2
AB-A67		0.17	1.56	48	0.29	4.97	49.8
AB-B67		0.15	1.23	52	0.17	2.10	39.8
AB-C67		0.15	12.05	49	0.19	13.25	71.5
AB-D67		0.24	2.77	46	0.18	7.70	64.4
AB-E67		0.57	13.45	47	0.26	14.10	38.8
AB-F67		0.43	8.30	53	0.23	7.48	57.6
AB-G67		0.17	10.10	25	0.12	6.76	76.3
AB-A68		0.13	3.44	48	0.19	6.16	77.9
AB-B68		0.14	2.36	62	0.23	4.83	70.0
AB-C68		0.10	0.85	49	0.11	1.86	42.0
AB-D68		0.40	20.3	58	0.30	29.9	131.0
AB-E68		0.53	7.19	87	0.19	13.50	98.6
AB-F68		0.13	2.06	25	0.09	4.12	21.2
AB-G68		0.16	9.85	27	0.13	6.58	77.3
AB-A69		0.12	0.95	58	0.19	3.58	62.8
AB-B69		0.14	7.10	56	0.28	13.15	76.6
AB-C69		0.14	1.63	56	0.27	5.50	58.4



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**CERTIFICATE OF ANALYSIS WH12235260**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	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	ME-MS41L Cs ppm
		0.02	0.0002	0.002	0.01	0.02	10	0.5	0.05	0.01	0.01	0.01	0.02	0.1	0.5	0.05
AB-D69		0.58	0.0003	0.041	0.68	2.54	<10	44.7	0.32	0.24	0.07	0.07	8.76	2.4	8.4	1.19
AB-E69		0.54	0.0011	0.305	1.90	3.64	<10	381	2.08	0.69	0.41	0.80	50.5	16.1	133.0	15.80
AB-F69		0.74	0.0020	0.132	1.57	12.00	<10	175.5	1.66	0.92	0.16	0.30	41.2	8.1	30.7	8.60
AB-G69		0.72	0.0015	0.146	1.25	5.97	<10	147.5	0.90	1.35	0.20	0.29	17.40	5.2	22.5	7.18
AB-A70		0.71	0.0020	0.041	1.55	8.67	<10	90.8	0.59	1.49	0.09	0.10	17.60	5.4	26.4	1.67
AB-B70		0.75	0.0008	0.079	2.04	9.33	<10	126.5	0.64	0.71	0.11	0.16	21.7	8.2	28.6	1.42
AB-C70		0.77	0.0014	0.060	2.00	9.03	<10	134.5	0.85	0.36	0.11	0.22	30.1	8.5	30.1	1.73
AB-D70		0.75	0.0012	0.048	1.21	6.09	<10	104.5	1.29	0.91	0.18	0.28	29.0	7.0	22.4	5.00
AB-E70		0.71	0.0012	0.096	1.09	5.10	<10	80.0	1.09	0.64	0.18	0.23	28.8	4.8	25.3	5.26
AB-F70		1.07	0.0015	0.045	1.38	6.74	<10	152.5	1.99	0.85	0.22	0.28	47.6	9.5	26.2	9.98
AB-G70		0.62	0.0037	0.038	1.02	4.25	<10	65.2	0.28	0.15	0.18	0.07	12.40	5.1	9.7	1.65
AB-A71		0.68	0.0019	0.045	2.11	8.63	<10	99.2	0.62	0.99	0.13	0.12	20.6	7.6	32.6	1.46
AB-B71		0.61	0.0007	0.060	1.06	6.46	<10	111.5	0.38	1.32	0.09	0.13	20.1	4.1	20.5	1.87
AB-C71		0.87	0.0029	0.052	1.69	5.13	<10	105.0	1.07	0.80	0.14	0.21	28.1	6.6	25.3	3.74
AB-D71		0.68	0.0008	0.115	0.91	4.50	<10	103.0	0.32	0.53	0.15	0.22	14.65	3.8	20.3	2.78
AB-E71		0.87	0.0019	0.064	1.08	5.65	<10	55.7	0.43	0.82	0.07	0.12	17.60	2.8	15.3	2.51
AB-F71		0.80	0.0015	0.075	2.07	7.93	<10	70.5	0.72	0.27	0.08	0.14	19.85	5.8	25.9	1.70
AB-G71		0.63	0.0012	0.019	1.39	4.18	<10	99.8	1.58	0.70	0.22	0.15	49.0	7.3	20.7	6.01



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**CERTIFICATE OF ANALYSIS WH12235260**

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
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.01	0.01	0.05	0.05	0.02	0.005	0.005	0.01	0.2	0.1	0.01	1	0.01	0.01
AB-D69		9.66	1.28	3.54	<0.05	<0.02	0.028	0.009	0.03	4.5	2.1	0.09	88	0.44	0.03
AB-E69		35.9	2.59	5.87	0.08	0.02	0.107	0.032	0.11	24.9	34.2	0.91	1370	1.07	0.02
AB-F69		15.30	2.96	6.40	0.07	<0.02	0.062	0.038	0.11	25.8	22.0	0.35	627	1.28	0.02
AB-G69		11.00	2.13	4.48	<0.05	<0.02	0.038	0.018	0.07	9.1	10.0	0.28	587	0.84	0.02
AB-A70		13.90	3.17	8.52	<0.05	<0.02	0.064	0.026	0.05	8.9	13.8	0.28	319	1.46	0.01
AB-B70		17.15	2.75	6.18	<0.05	0.06	0.053	0.025	0.05	9.8	13.7	0.41	326	1.16	0.01
AB-C70		19.40	2.76	6.26	<0.05	0.02	0.046	0.029	0.06	13.3	13.3	0.42	402	1.06	0.02
AB-D70		12.10	2.19	3.70	0.05	0.03	0.030	0.032	0.05	14.5	10.7	0.27	601	0.59	0.01
AB-E70		10.70	2.26	4.00	0.05	<0.02	0.037	0.026	0.07	14.3	10.7	0.27	297	0.63	0.02
AB-F70		16.25	3.10	4.95	0.06	0.02	0.019	0.037	0.08	24.7	18.1	0.35	509	1.02	0.01
AB-G70		24.9	1.93	4.40	<0.05	<0.02	0.015	0.013	0.03	5.8	4.6	0.14	197	0.56	0.03
AB-A71		16.15	3.10	6.69	<0.05	<0.02	0.056	0.027	0.05	9.7	15.0	0.41	292	0.97	0.02
AB-B71		13.90	2.47	8.70	<0.05	<0.02	0.066	0.023	0.05	10.2	4.9	0.13	224	1.76	0.02
AB-C71		15.35	2.24	4.89	<0.05	<0.02	0.047	0.024	0.06	12.6	13.0	0.35	413	0.68	0.02
AB-D71		7.79	1.69	5.82	<0.05	<0.02	0.080	0.019	0.07	7.8	5.7	0.20	358	1.19	0.01
AB-E71		11.15	2.09	7.55	<0.05	<0.02	0.079	0.019	0.04	8.8	7.6	0.08	111	1.28	0.01
AB-F71		13.30	2.89	8.10	<0.05	0.03	0.082	0.026	0.03	9.7	13.7	0.23	260	1.51	0.01
AB-G71		15.00	2.32	4.80	0.07	0.06	0.028	0.032	0.07	31.4	22.4	0.31	378	0.64	0.01



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**CERTIFICATE OF ANALYSIS WH12235260**

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
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.001	0.01	0.1	0.001	0.01	0.005	0.1	0.1	0.2	0.2	0.01	0.01	0.1	0.001
AB-D69		4.0	0.039	6.52	3.7	<0.001	0.04	0.127	0.6	0.3	0.3	9.5	<0.01	<0.01	0.1	0.061
AB-E69		76.0	0.132	24.7	21.8	<0.001	0.17	0.266	3.7	1.6	1.2	29.2	<0.01	0.03	0.9	0.053
AB-F69		22.7	0.100	152.5	18.6	<0.001	0.06	0.736	2.6	0.8	1.8	13.4	<0.01	0.03	1.8	0.066
AB-G69		12.4	0.115	25.0	21.0	<0.001	0.08	0.358	1.3	0.5	0.6	17.5	<0.01	0.02	0.3	0.047
AB-A70		13.9	0.048	13.65	14.0	<0.001	0.05	0.569	1.2	0.4	0.9	11.1	<0.01	0.04	0.3	0.080
AB-B70		20.7	0.041	14.60	13.5	<0.001	0.03	0.539	3.1	0.4	0.7	12.5	0.01	0.03	2.4	0.084
AB-C70		19.7	0.058	13.85	12.2	<0.001	0.04	0.513	2.9	0.9	0.8	12.2	0.01	0.04	1.7	0.085
AB-D70		16.4	0.063	22.0	10.3	<0.001	0.02	0.362	2.4	0.6	0.7	13.1	0.01	0.02	3.8	0.066
AB-E70		13.7	0.067	29.0	12.8	<0.001	0.05	0.324	1.8	0.5	0.9	13.8	<0.01	0.03	1.3	0.063
AB-F70		20.0	0.091	24.0	15.0	<0.001	0.01	0.466	4.0	0.8	1.0	14.3	0.01	0.02	7.4	0.067
AB-G70		5.1	0.071	6.93	4.8	<0.001	0.03	0.191	0.9	0.2	0.3	14.9	<0.01	0.01	0.2	0.078
AB-A71		21.7	0.046	14.00	12.1	<0.001	0.05	0.531	2.4	0.6	0.7	12.4	0.01	0.04	1.0	0.101
AB-B71		10.5	0.050	11.05	15.6	<0.001	0.05	0.581	1.4	0.3	1.1	12.1	<0.01	0.05	0.6	0.103
AB-C71		17.3	0.047	20.5	14.1	<0.001	0.03	0.361	2.0	0.4	0.7	13.4	<0.01	0.03	1.1	0.070
AB-D71		8.8	0.083	13.45	15.4	<0.001	0.08	0.311	1.0	0.1	0.9	15.0	<0.01	0.02	0.2	0.061
AB-E71		7.1	0.046	12.10	10.4	<0.001	0.05	0.449	0.9	0.4	1.4	9.2	<0.01	0.04	0.5	0.064
AB-F71		12.8	0.048	13.50	6.6	0.001	0.05	0.557	2.1	0.5	0.9	10.1	0.01	0.03	1.1	0.080
AB-G71		15.7	0.078	20.1	11.9	<0.001	0.02	0.317	2.6	1.2	1.1	12.9	0.01	0.02	6.6	0.069





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Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	1	0.01	0.05	0.1	0.5
AB-D69		0.08	1.29	35	0.10	2.84	26.9	<0.5
AB-E69		0.53	12.90	49	0.17	27.0	70.0	0.6
AB-F69		0.33	10.05	59	0.25	13.85	90.1	<0.5
AB-G69		0.28	4.71	48	0.18	5.61	68.0	<0.5
AB-A70		0.17	0.98	75	0.23	2.72	57.8	<0.5
AB-B70		0.16	0.92	62	0.26	3.82	57.6	1.6
AB-C70		0.20	2.01	63	0.23	6.85	60.8	0.7
AB-D70		0.20	4.05	44	0.22	13.10	98.0	1.0
AB-E70		0.23	3.79	47	0.19	11.50	75.4	<0.5
AB-F70		0.28	6.86	54	0.27	18.80	99.9	0.7
AB-G70		0.11	0.66	50	0.12	2.80	43.5	<0.5
AB-A71		0.14	0.80	73	0.28	3.33	60.6	0.5
AB-B71		0.19	0.99	87	0.23	2.38	46.4	0.5
AB-C71		0.27	3.31	51	0.24	7.51	67.9	<0.5
AB-D71		0.21	1.12	53	0.19	4.49	41.1	<0.5
AB-E71		0.29	1.02	66	0.19	3.17	31.4	0.6
AB-F71		0.26	1.64	72	0.27	3.17	46.9	1.1
AB-G71		0.37	8.86	44	0.20	25.1	66.9	2.2



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

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Project: AB

**CERTIFICATE OF ANALYSIS WH12235260**

### 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