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

Page: 1
Finalized Date: 18-OCT-2012
This copy reported on
31-JUL-2013
Account: COUDES

CERTIFICATE WH12235057

Project: AB
P.O. No.:
This report is for 23 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
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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 WH12235057

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
AB 45 J		0.45	0.0014	0.059	1.88	5.84	<10	133.0	0.75	0.72	0.23	0.20	27.9	8.9	30.5	2.01
AB 45 K		0.39	0.0015	0.054	2.11	7.18	<10	130.0	0.85	0.68	0.22	0.17	26.0	8.0	29.2	2.36
AB 45 L		Not Recvd														
AB 45 M		0.41	0.0015	0.094	1.86	8.15	<10	223	0.73	0.62	0.35	0.27	32.3	10.4	35.8	1.84
AB 46 J		0.60	0.0008	0.057	1.52	5.48	<10	76.2	0.49	0.56	0.21	0.23	20.7	7.2	23.9	1.33
AB 46 K		0.37	0.0018	0.097	2.58	8.26	<10	144.0	1.12	1.02	0.17	0.14	26.6	7.8	34.9	3.63
AB 46 L		Not Recvd														
AB 46 M		0.44	0.0014	0.072	2.19	7.15	<10	102.0	0.77	0.73	0.17	0.25	20.8	8.5	27.6	1.83
AB 47 J		0.46	0.0045	0.050	1.81	6.26	<10	121.0	0.67	0.68	0.24	0.19	23.7	8.5	26.3	2.11
AB 47 K		0.58	0.0155	0.071	1.86	7.50	<10	117.5	0.76	0.76	0.21	0.16	24.8	8.4	29.1	2.16
AB 47 L		Not Recvd														
AB 47 M		0.57	0.0012	0.033	1.23	4.65	<10	128.5	0.67	0.58	0.33	0.21	25.5	6.4	25.1	1.72
AB 47 N		0.47	0.0018	0.087	2.20	7.34	<10	124.5	0.81	0.79	0.19	0.24	25.6	9.6	31.4	1.96
AB 48 J		Not Recvd														
AB 48 K		0.48	0.0013	0.050	1.58	6.65	<10	163.5	0.68	0.69	0.30	0.29	31.4	9.0	30.1	1.63
AB 48 L		Not Recvd														
AB 48 M		0.63	0.0019	0.114	1.88	5.63	<10	255	0.66	0.76	0.36	0.34	32.4	8.9	37.2	1.53
AB 48 N		Not Recvd														
AB 49 J		0.54	0.0085	0.060	1.68	6.05	<10	141.5	0.55	0.75	0.32	0.19	26.2	9.3	30.4	1.67
AB 49 K		0.67	0.0015	0.085	1.64	4.06	<10	166.0	0.51	0.78	0.32	0.17	26.5	6.7	34.1	2.01
AB 49 L		Not Recvd														
AB 49 M		0.28	0.0017	0.200	2.08	7.29	<10	234	0.49	0.92	0.34	0.20	23.2	10.5	35.0	2.16
AB 49 N		0.36	0.0031	0.252	2.43	10.30	<10	244	0.66	1.30	0.29	0.18	20.1	7.3	40.4	3.30



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CERTIFICATE OF ANALYSIS WH12235057

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
AB 45 J		17.80	2.32	5.20	<0.05	0.03	0.028	0.021	0.06	13.7	15.4	0.44	311	0.61	0.01	1.15
AB 45 K		17.60	2.57	5.24	<0.05	0.04	0.032	0.021	0.06	12.9	15.9	0.45	379	0.68	0.01	1.23
AB 45 L																
AB 45 M		25.0	2.95	4.99	0.05	0.24	0.042	0.023	0.07	15.4	16.9	0.49	346	0.52	0.02	0.57
AB 46 J		13.85	2.14	4.19	<0.05	0.06	0.029	0.019	0.05	10.0	12.3	0.35	325	0.61	0.01	1.23
AB 46 K		19.90	2.78	6.73	<0.05	0.04	0.057	0.029	0.07	13.2	17.8	0.45	328	0.89	0.01	1.29
AB 46 L																
AB 46 M		13.90	2.56	5.36	<0.05	0.08	0.054	0.025	0.05	10.3	18.6	0.37	328	0.83	0.01	1.57
AB 47 J		12.00	2.32	4.69	<0.05	0.05	0.026	0.022	0.05	11.6	15.3	0.42	474	0.64	0.01	1.26
AB 47 K		16.45	2.66	4.87	<0.05	0.05	0.057	0.023	0.06	12.3	15.2	0.41	433	0.62	0.01	1.18
AB 47 L																
AB 47 M		15.75	1.95	3.42	0.05	0.07	0.047	0.017	0.05	12.7	12.5	0.36	342	0.56	0.01	0.87
AB 47 N		18.40	2.60	5.46	<0.05	0.08	0.036	0.023	0.06	12.4	18.2	0.45	406	0.80	0.01	1.48
AB 48 J																
AB 48 K		20.8	2.39	4.28	0.06	0.14	0.021	0.023	0.06	14.5	14.3	0.43	300	0.34	0.01	0.90
AB 48 L																
AB 48 M		24.6	2.33	5.14	0.06	0.24	0.044	0.026	0.06	15.5	17.5	0.47	216	0.67	0.02	0.85
AB 48 N																
AB 49 J		13.80	2.39	4.48	0.05	0.06	0.028	0.021	0.05	12.8	14.6	0.45	399	0.60	0.01	1.17
AB 49 K		16.40	2.18	4.52	0.05	0.10	0.025	0.024	0.05	12.7	14.5	0.42	254	0.80	0.01	0.92
AB 49 L																
AB 49 M		15.85	2.62	5.91	<0.05	0.03	0.067	0.024	0.06	11.6	15.3	0.47	490	0.82	0.02	1.30
AB 49 N		16.45	2.99	6.90	<0.05	0.03	0.069	0.028	0.08	10.1	17.4	0.48	315	1.22	0.02	1.42



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		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 45 J		18.5	0.058	15.80	10.7	<0.001	0.05	0.388	3.9	0.7	0.8	17.1	<0.01	0.03	2.0	0.089
AB 45 K		18.7	0.058	15.65	11.2	<0.001	0.06	0.391	3.6	0.6	0.7	17.2	<0.01	0.02	2.4	0.095
AB 45 L																
AB 45 M		22.8	0.074	15.10	11.4	<0.001	0.03	0.468	6.6	0.5	0.8	25.5	<0.01	0.02	5.1	0.108
AB 46 J		16.5	0.060	9.82	8.4	<0.001	0.03	0.381	2.5	0.4	0.5	14.6	<0.01	0.02	2.3	0.086
AB 46 K		19.7	0.060	20.9	12.9	<0.001	0.07	0.451	4.6	0.5	0.9	14.1	<0.01	0.03	1.7	0.081
AB 46 L																
AB 46 M		17.7	0.045	12.85	9.7	<0.001	0.21	0.438	3.1	0.5	0.8	13.9	<0.01	0.03	3.0	0.088
AB 47 J		15.7	0.058	21.3	10.1	<0.001	0.04	0.337	2.9	0.3	0.7	17.0	<0.01	0.01	2.8	0.084
AB 47 K		17.2	0.055	13.35	11.6	<0.001	0.05	0.375	3.7	0.5	0.7	15.6	<0.01	0.03	2.3	0.086
AB 47 L																
AB 47 M		15.5	0.062	10.75	8.5	<0.001	0.04	0.352	3.8	0.5	0.8	22.3	<0.01	0.02	3.6	0.093
AB 47 N		19.5	0.054	15.35	11.0	<0.001	0.05	0.382	3.7	0.4	0.9	13.6	<0.01	0.02	3.4	0.094
AB 48 J																
AB 48 K		18.1	0.062	14.35	9.3	<0.001	0.05	0.435	5.2	0.7	0.6	22.3	<0.01	0.02	4.1	0.105
AB 48 L																
AB 48 M		23.1	0.067	13.15	11.6	<0.001	0.05	0.554	6.2	0.8	1.2	26.6	<0.01	0.03	4.8	0.115
AB 48 N																
AB 49 J		16.1	0.060	19.45	9.5	<0.001	0.03	0.388	3.9	0.6	1.0	22.1	<0.01	0.03	3.7	0.100
AB 49 K		17.9	0.051	15.00	10.6	<0.001	0.01	0.401	5.0	0.5	1.1	22.9	<0.01	0.02	4.1	0.096
AB 49 L																
AB 49 M		18.3	0.086	16.50	11.4	<0.001	0.05	0.498	4.6	0.5	1.0	29.0	<0.01	0.02	1.5	0.083
AB 49 N		20.7	0.088	19.05	16.7	<0.001	0.07	0.451	4.6	0.6	1.3	25.9	<0.01	0.04	1.0	0.078



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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 0.02	ppm 0.05	ppm 1	ppm 0.01	ppm 0.05	ppm 0.1	ppm 0.5
AB 45 J		0.11	3.53	57	0.16	8.73	57.5	1.2
AB 45 K		0.12	4.34	57	0.18	6.77	55.0	1.7
AB 45 L								
AB 45 M		0.13	3.98	62	0.18	10.80	65.5	10.6
AB 46 J		0.08	1.93	50	0.16	5.08	45.9	2.0
AB 46 K		0.17	9.60	65	0.23	8.73	62.1	1.5
AB 46 L								
AB 46 M		0.12	1.75	56	0.20	4.36	47.4	2.9
AB 47 J		0.10	1.59	52	0.31	5.18	53.3	1.9
AB 47 K		0.11	4.08	54	0.17	7.11	57.4	1.7
AB 47 L								
AB 47 M		0.08	3.56	47	0.17	8.96	50.8	3.1
AB 47 N		0.13	3.26	58	0.18	5.40	56.5	3.2
AB 48 J								
AB 48 K		0.10	3.24	55	0.15	10.15	60.5	5.8
AB 48 L								
AB 48 M		0.12	4.86	64	0.17	11.20	68.1	10.4
AB 48 N								
AB 49 J		0.11	2.49	54	0.28	7.08	57.5	2.7
AB 49 K		0.11	2.95	50	0.18	7.48	57.1	4.6
AB 49 L								
AB 49 M		0.15	4.08	64	0.24	7.03	62.7	1.4
AB 49 N		0.18	5.63	77	0.24	6.26	73.7	1.4



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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