



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 1  
Finalized Date: 24-OCT-2012  
This copy reported on  
31-JUL-2013  
Account: COUDES

**CERTIFICATE WH12235268**

Project: CH  
P.O. No.:  
This report is for 159 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
EXTRA-01	Extra Sample received in Shipment

**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



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - A  
Total # Pages: 5 (A - D)  
Plus Appendix Pages  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH I1		0.47	0.0046	5.90	1.62	5.13	<10	525	0.37	13.60	0.41	0.31	27.3	7.8	27.8	1.11
CH I2		0.54	0.0037	8.65	1.09	4.97	<10	336	0.64	48.4	0.23	0.40	26.3	4.7	18.6	0.91
CH I3		0.48	0.0035	7.15	1.37	4.57	<10	278	0.48	43.4	0.36	0.23	31.0	4.9	20.4	1.86
CH I4		0.50	0.0017	1.355	2.13	7.86	<10	332	0.43	3.76	0.21	0.15	21.7	7.1	32.5	1.10
CH I5A		0.31	0.0105	3.04	1.53	2.61	<10	634	0.95	1.71	0.81	4.28	67.9	8.7	25.3	4.72
CH I5B		0.45	0.0058	5.11	1.65	6.17	<10	263	0.42	7.78	0.21	0.44	22.5	5.4	24.6	0.87
CH I6		0.39	0.0018	0.593	2.43	8.00	<10	448	1.53	5.60	1.16	3.60	48.9	18.6	17.1	34.3
CH I7		0.54	0.0006	0.249	3.52	12.00	<10	543	1.92	4.23	0.73	1.74	24.4	23.1	16.7	127.0
CH I8		0.45	0.0025	0.623	3.11	12.45	<10	546	2.26	4.43	1.07	4.01	38.6	19.9	18.9	70.0
CH I13		Not Recvd														
CH I14		Not Recvd														
CH I15		Not Recvd														
CH I16		Not Recvd														
CH I17		Not Recvd														
CH I18		Not Recvd														
CH I19		Not Recvd														
CH J1		0.47	0.0013	0.168	1.83	6.55	<10	305	0.37	0.25	0.45	0.24	38.2	14.2	55.4	2.59
CH J2		Not Recvd														
CH J3		0.75	0.0014	0.172	1.69	6.46	<10	309	0.38	0.26	0.43	0.21	50.8	13.3	46.4	2.56
CH J4		0.63	0.0024	0.168	1.65	6.72	<10	278	0.41	0.25	0.43	0.20	59.1	13.1	42.7	2.37
CH J5		0.78	0.0013	0.103	1.38	4.09	<10	263	0.35	0.19	0.56	0.18	44.0	8.2	27.3	1.17
CH J6		0.68	0.0016	0.102	1.58	8.16	<10	286	0.39	0.14	0.88	0.18	28.0	11.7	29.6	0.55
CH J7		0.55	0.0028	0.117	1.64	11.60	<10	262	0.43	0.17	0.71	0.24	28.4	12.7	30.6	0.59
CH J8		0.62	0.0020	0.106	1.61	13.70	<10	256	0.39	0.16	0.61	0.24	27.9	12.5	29.6	0.70
CH J9		Not Recvd														
CH J10		Not Recvd														
CH J11		0.61	0.0030	0.730	2.33	7.16	<10	381	0.72	1.36	0.79	1.31	40.9	16.3	24.9	18.55
CH J12		0.57	0.0035	2.22	1.57	8.79	<10	260	2.63	8.39	0.51	3.51	43.9	18.8	27.1	6.83
CH J13		0.72	0.0026	1.935	2.16	6.51	<10	377	2.83	6.09	0.84	10.10	48.3	19.7	132.5	19.75
CH J14		0.57	0.0030	0.617	1.96	5.71	<10	260	0.94	2.36	0.86	1.09	32.3	16.2	58.9	12.40
CH J15		0.89	0.0097	1.080	2.34	6.80	<10	340	1.21	1.43	0.60	1.64	39.8	18.1	32.7	19.85
CH J16		0.65	0.0048	0.856	2.54	8.69	<10	379	1.07	1.03	0.87	0.58	41.9	17.7	24.6	19.30
CH J17		0.75	0.0018	0.215	2.55	10.70	<10	387	0.71	0.47	1.42	0.62	31.3	21.1	16.5	34.2
CH J18		0.71	0.0061	0.587	2.47	8.63	<10	494	0.87	0.36	1.01	0.61	35.2	17.8	32.2	25.1
CH J19		0.77	0.0061	4.94	1.19	5.08	<10	339	0.37	20.4	0.24	0.15	28.2	4.9	19.4	1.19
CH J20		0.69	0.0038	1.300	1.68	7.10	<10	190.0	0.47	4.74	0.12	0.13	21.0	7.0	24.7	1.42
CH J21		0.47	0.0024	5.81	0.55	3.89	<10	131.5	0.21	37.6	0.12	0.14	15.30	1.5	7.3	0.43
CH K1		0.40	0.0086	0.213	1.55	7.41	<10	258	0.32	0.30	0.36	0.19	32.5	9.6	32.4	1.58
CH K2		0.32	0.0027	0.183	1.54	5.70	<10	291	0.38	0.22	0.40	0.21	33.1	10.2	32.3	1.52
CH K3		0.49	0.0032	0.160	1.62	5.57	<10	252	0.34	0.22	0.33	0.18	31.5	8.2	32.8	1.40



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - B  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH I1		40.6	2.20	4.25	<0.05	0.13	0.309	0.023	0.06	14.8	11.5	0.59	225	9.48	0.01	1.22
CH I2		37.1	2.09	3.10	<0.05	0.14	0.124	0.027	0.06	12.2	8.2	0.28	131	36.2	0.01	1.66
CH I3		77.9	2.16	4.04	0.05	0.07	0.154	0.029	0.09	16.4	11.8	0.51	148	40.6	0.01	1.32
CH I4		40.9	2.88	5.63	<0.05	0.22	0.042	0.027	0.05	11.1	13.4	0.50	171	5.20	0.01	0.86
CH I5A		122.5	1.97	4.06	0.10	0.04	0.782	0.018	0.07	33.8	13.6	0.86	193	3.43	0.01	0.71
CH I5B		47.5	2.35	4.36	<0.05	0.19	0.123	0.026	0.07	11.7	11.3	0.43	135	8.79	0.01	1.27
CH I6		41.1	3.90	6.65	0.12	0.04	0.080	0.025	0.51	24.0	35.7	1.56	514	1.32	0.02	1.10
CH I7		14.55	5.73	10.30	0.16	0.05	0.036	0.029	1.36	11.8	71.1	2.52	457	1.09	0.02	1.13
CH I8		38.3	4.83	7.81	0.14	0.05	0.076	0.029	0.96	22.3	54.5	2.24	621	0.84	0.03	0.99
CH I13																
CH I14																
CH I15																
CH I16																
CH I17																
CH I18																
CH I19																
CH J1		16.85	2.80	5.29	0.05	0.02	0.041	0.021	0.06	20.0	14.3	0.91	595	1.30	0.01	0.94
CH J2																
CH J3		16.05	2.68	4.97	0.06	0.02	0.032	0.024	0.06	27.6	14.0	0.80	609	1.20	0.01	0.85
CH J4		17.20	2.85	4.79	0.07	0.02	0.033	0.022	0.06	30.5	12.8	0.71	444	1.12	0.01	0.86
CH J5		19.85	1.85	4.14	0.06	0.03	0.028	0.017	0.06	23.1	10.3	0.51	366	0.48	0.02	0.83
CH J6		30.7	2.71	4.45	0.06	0.10	0.029	0.020	0.08	14.1	11.4	0.59	469	0.75	0.04	1.20
CH J7		29.8	2.94	4.91	0.05	0.07	0.040	0.024	0.06	14.4	12.5	0.57	441	0.87	0.03	1.37
CH J8		27.9	2.92	4.75	0.05	0.07	0.026	0.024	0.06	14.0	12.6	0.56	462	0.79	0.03	1.29
CH J9																
CH J10																
CH J11		40.2	3.48	6.15	0.10	0.03	0.209	0.029	0.26	22.9	28.1	1.85	383	1.70	0.01	0.56
CH J12		66.0	4.23	4.33	0.07	0.12	0.048	0.036	0.14	21.0	19.3	0.61	487	3.56	0.02	0.89
CH J13		74.8	3.93	6.37	0.13	0.13	0.078	0.033	0.35	38.3	39.4	1.49	772	4.16	0.03	1.30
CH J14		54.7	3.39	5.22	0.08	0.08	0.052	0.025	0.17	18.0	23.4	1.27	451	1.41	0.03	0.79
CH J15		106.0	3.60	5.85	0.09	0.18	0.301	0.028	0.27	22.9	29.9	1.50	429	1.95	0.02	0.67
CH J16		64.8	3.81	6.55	0.09	0.06	0.140	0.031	0.30	21.2	37.5	1.65	490	1.63	0.02	1.06
CH J17		22.4	3.99	6.83	0.09	0.04	0.049	0.023	0.57	15.4	39.2	1.76	450	1.11	0.02	1.17
CH J18		66.5	3.32	6.15	0.09	0.08	0.108	0.023	0.25	18.2	30.5	1.65	280	1.51	0.02	0.96
CH J19		53.2	2.06	3.65	<0.05	0.14	0.456	0.020	0.06	14.5	8.9	0.34	106	24.8	0.01	0.97
CH J20		30.3	2.42	4.77	<0.05	0.23	0.047	0.018	0.04	10.4	14.6	0.46	120	17.45	0.01	0.93
CH J21		35.4	1.52	3.51	<0.05	0.02	0.018	0.020	0.09	7.3	4.2	0.09	60	94.4	0.01	0.91
CH K1		13.05	2.56	4.78	<0.05	0.02	0.024	0.019	0.05	15.8	11.5	0.57	413	1.50	0.02	1.04
CH K2		15.10	2.29	4.56	<0.05	0.02	0.033	0.015	0.05	15.9	11.1	0.58	483	1.23	0.02	0.83
CH K3		14.25	2.21	4.63	<0.05	<0.02	0.030	0.016	0.05	15.3	11.7	0.55	258	0.94	0.02	0.91



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - C  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH I1		18.4	0.028	385	9.5	<0.001	0.03	0.471	3.3	1.2	0.5	22.1	0.01	0.08	5.2	0.078
CH I2		10.9	0.013	860	7.4	0.001	0.02	0.344	1.9	0.8	0.7	12.3	<0.01	0.21	7.8	0.058
CH I3		12.4	0.032	904	14.5	<0.001	0.04	0.625	2.7	1.1	0.5	17.7	<0.01	0.19	16.1	0.073
CH I4		16.5	0.012	148.0	8.7	<0.001	0.01	0.476	4.3	0.6	0.7	20.1	<0.01	0.04	7.4	0.087
CH I5A		21.2	0.043	203	17.8	0.002	0.05	1.105	3.6	1.4	0.5	36.7	<0.01	0.09	4.9	0.048
CH I5B		13.7	0.022	467	7.0	<0.001	0.03	0.431	3.0	0.7	0.5	16.0	<0.01	0.09	10.3	0.077
CH I6		14.6	0.107	47.1	89.5	<0.001	0.05	0.315	6.0	1.0	0.7	39.3	<0.01	0.03	2.6	0.151
CH I7		12.6	0.131	42.8	159.5	0.001	0.03	0.309	6.8	0.6	1.8	26.3	<0.01	0.01	2.6	0.217
CH I8		17.1	0.139	42.3	120.5	<0.001	0.05	0.344	8.2	1.4	0.9	36.8	<0.01	0.02	2.8	0.171
CH I13																
CH I14																
CH I15																
CH I16																
CH I17																
CH I18																
CH I19																
CH J1		26.5	0.063	33.3	15.2	<0.001	0.03	0.237	4.1	0.7	0.5	28.3	<0.01	0.02	4.0	0.078
CH J2																
CH J3		22.7	0.063	36.1	14.1	<0.001	0.03	0.205	3.8	0.7	0.5	26.1	<0.01	0.02	5.1	0.071
CH J4		21.0	0.063	38.1	12.8	<0.001	0.03	0.270	4.0	0.9	0.5	25.6	<0.01	0.02	5.2	0.069
CH J5		18.4	0.059	27.0	9.1	<0.001	0.03	0.315	3.6	0.6	0.4	33.9	<0.01	0.01	4.1	0.065
CH J6		24.4	0.083	9.07	7.5	<0.001	0.03	0.524	4.8	0.8	0.5	47.5	<0.01	0.03	2.8	0.106
CH J7		23.6	0.074	10.90	8.0	<0.001	0.03	0.567	5.1	0.8	0.5	42.0	<0.01	0.02	2.7	0.099
CH J8		23.4	0.077	10.65	8.2	<0.001	0.03	0.549	4.8	1.0	0.5	35.8	<0.01	0.02	2.7	0.095
CH J9																
CH J10																
CH J11		18.6	0.129	75.8	41.6	<0.001	0.04	0.617	5.9	0.8	0.5	26.8	<0.01	0.03	3.3	0.099
CH J12		32.7	0.032	278	23.2	<0.001	0.03	0.464	6.5	1.2	0.7	26.4	<0.01	0.07	4.9	0.086
CH J13		109.5	0.055	129.5	79.4	0.001	0.02	0.320	7.2	1.9	0.9	35.0	<0.01	0.03	6.6	0.122
CH J14		36.8	0.059	80.9	33.3	<0.001	0.05	0.341	6.6	0.8	0.6	32.0	<0.01	0.03	3.1	0.103
CH J15		26.6	0.050	213	49.9	<0.001	0.02	0.419	7.9	1.4	0.6	23.6	<0.01	0.10	5.7	0.116
CH J16		20.0	0.081	90.0	47.5	0.001	0.05	0.428	6.0	1.1	0.7	35.1	<0.01	0.06	3.7	0.139
CH J17		15.2	0.193	20.2	88.5	<0.001	0.05	0.255	5.8	1.0	0.6	39.4	<0.01	0.01	2.7	0.164
CH J18		29.0	0.083	37.9	39.8	<0.001	0.05	0.481	6.2	1.2	0.5	32.9	<0.01	0.03	3.2	0.110
CH J19		11.7	0.014	439	9.0	<0.001	0.08	1.200	2.5	1.1	0.4	15.9	<0.01	0.18	7.2	0.060
CH J20		16.2	0.009	181.0	10.2	0.001	0.03	0.578	2.4	0.6	0.5	11.6	<0.01	0.07	6.4	0.061
CH J21		3.5	0.018	555	9.9	0.001	0.08	0.459	0.9	0.9	0.5	6.7	<0.01	0.22	10.3	0.031
CH K1		19.9	0.053	35.0	9.7	<0.001	0.03	0.213	2.8	0.6	0.4	26.2	<0.01	0.02	2.3	0.053
CH K2		19.6	0.057	30.3	10.5	0.001	0.04	0.231	2.5	0.5	0.4	27.6	<0.01	0.02	1.4	0.054
CH K3		18.7	0.052	31.7	10.4	0.001	0.03	0.260	3.0	0.5	0.4	22.8	<0.01	0.02	2.0	0.058



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - D  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH I1		0.11	1.57	44	4.91	5.48	61.8	4.7
CH I2		0.09	1.60	38	62.6	2.66	102.5	4.9
CH I3		0.14	1.67	41	7.45	3.89	80.7	2.9
CH I4		0.11	0.66	64	5.64	4.01	64.7	8.3
CH I5A		0.21	3.42	32	10.40	14.80	130.5	2.0
CH I5B		0.08	0.67	47	9.05	3.28	89.6	6.8
CH I6		0.59	2.47	81	26.0	12.85	295	2.0
CH I7		0.94	0.97	138	34.6	4.83	354	2.1
CH I8		0.69	2.32	93	30.3	16.70	431	2.8
CH I13								
CH I14								
CH I15								
CH I16								
CH I17								
CH I18								
CH I19								
CH J1		0.15	0.93	63	0.24	6.65	74.3	0.9
CH J2								
CH J3		0.13	0.95	54	0.28	8.64	70.1	0.7
CH J4		0.12	1.11	53	0.39	9.31	65.9	0.8
CH J5		0.08	1.04	42	0.31	8.63	63.7	1.1
CH J6		0.06	0.90	63	0.23	9.69	58.7	4.3
CH J7		0.06	0.76	66	0.38	9.75	63.5	3.4
CH J8		0.07	0.67	60	0.21	9.38	67.0	3.0
CH J9								
CH J10								
CH J11		0.40	1.24	73	7.35	11.60	167.5	1.5
CH J12		0.25	2.29	52	36.2	7.80	633	5.8
CH J13		0.67	1.73	64	40.6	31.2	539	6.8
CH J14		0.28	0.92	69	14.65	10.60	158.5	3.5
CH J15		0.41	1.03	71	8.30	12.30	248	8.2
CH J16		0.38	2.14	75	12.65	9.78	143.0	3.0
CH J17		0.70	1.48	97	19.20	9.08	113.0	2.1
CH J18		0.41	2.37	73	2.92	11.25	131.5	3.6
CH J19		0.13	1.05	39	4.73	2.85	61.6	5.1
CH J20		0.15	0.65	48	4.67	2.01	63.1	6.4
CH J21		0.15	0.52	32	12.35	0.81	24.5	0.6
CH K1		0.11	0.87	54	0.18	5.30	64.1	0.6
CH K2		0.10	0.83	49	0.18	5.80	60.0	0.5
CH K3		0.10	0.94	49	0.15	5.66	62.4	0.6



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 3 - A  
Total # Pages: 5 (A - D)  
Plus Appendix Pages  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH K4		0.46	0.0039	0.150	1.76	6.39	<10	287	0.45	0.23	0.32	0.22	33.2	8.5	31.4	1.25
CH K5		0.55	0.0020	0.255	1.72	8.77	<10	357	0.45	0.41	0.45	0.37	44.6	12.2	48.9	4.01
CH K6		0.55	0.0059	0.274	1.92	7.06	<10	617	0.65	0.41	0.74	0.36	37.3	13.8	53.0	3.84
CH K7		0.51	0.0027	0.085	1.49	7.01	<10	237	0.35	0.16	0.44	0.18	36.9	6.9	28.3	1.35
CH K8		0.71	0.0020	0.128	1.45	12.10	<10	253	0.39	0.22	0.51	0.23	37.1	11.0	30.6	1.55
CH K9		0.49	0.0104	0.820	0.62	2.84	<10	195.0	0.55	0.53	0.68	2.04	38.5	2.6	8.8	8.22
CH K10		0.55	0.0872	12.65	3.16	7.54	<10	1285	2.36	2.21	0.83	8.92	48.4	22.6	43.8	36.4
CH K11		0.41	0.0041	0.701	2.39	6.64	<10	404	1.41	1.44	0.74	1.34	40.8	11.8	21.3	18.85
CH K12		0.63	0.0013	0.210	3.37	10.50	<10	341	2.24	2.15	0.45	1.59	45.9	16.9	22.8	34.0
CH K13		0.42	0.0028	0.482	2.19	6.43	<10	365	1.09	1.01	0.63	2.49	44.8	13.9	30.4	23.3
CH K14		0.68	0.0032	0.693	2.00	7.99	<10	281	0.77	1.15	0.99	1.47	31.8	14.4	28.6	15.20
CH K15		0.54	0.0024	0.399	2.83	7.21	<10	535	2.60	0.94	0.64	0.51	54.5	26.1	31.3	44.4
CH K16		0.52	0.0025	0.448	2.95	5.73	<10	598	1.53	1.59	1.16	0.63	43.3	21.8	21.9	34.5
CH K17		0.16	0.0029	0.479	1.37	3.67	<10	688	0.56	0.20	2.47	2.42	20.1	10.7	18.9	8.47
CH K18		0.63	0.0039	0.267	2.16	8.50	<10	414	0.79	0.26	0.90	0.61	27.9	16.3	27.0	31.1
CH K19		0.56	0.0075	0.628	2.57	5.91	<10	307	0.74	0.18	0.73	0.63	39.3	16.8	36.8	11.30
CH K20		0.63	0.0053	0.629	2.04	7.38	<10	214	0.42	0.26	0.64	0.17	19.45	20.4	56.6	4.43
CH K21		0.65	0.0064	0.838	2.05	12.50	<10	278	0.51	0.14	1.01	0.31	11.95	24.1	73.8	5.12
CH L1		0.66	0.0035	0.364	2.21	5.87	<10	497	0.65	0.35	0.86	0.18	32.9	12.8	30.4	6.42
CH L2		0.73	0.0291	4.09	1.94	6.47	<10	770	0.68	0.50	1.13	1.18	46.2	13.9	30.4	12.90
CH L3		0.62	0.0062	0.609	2.73	5.00	<10	417	0.64	0.47	0.64	0.55	41.8	16.4	18.6	21.8
CH L4		0.97	0.0030	0.229	2.76	6.43	<10	404	1.13	0.24	0.64	0.69	37.0	19.4	64.4	8.32
CH L5		0.64	0.0024	0.282	2.25	5.23	<10	295	0.62	0.32	0.68	0.56	36.2	18.0	37.8	14.50
CH L6		0.49	0.0040	2.33	2.49	7.34	<10	286	0.76	14.75	0.99	1.11	32.8	17.4	43.5	19.40
CH L7		0.42	0.0047	0.594	2.24	5.46	<10	390	0.90	0.63	1.65	0.97	44.0	19.1	37.4	20.5
CH L8		0.80	0.0065	1.065	2.50	7.94	<10	503	2.40	1.35	0.59	6.99	135.0	14.3	21.3	33.7
CH L9		0.61	0.0020	0.369	2.77	6.63	<10	339	2.23	2.37	0.79	2.45	70.4	20.7	15.9	40.5
CH L10		0.55	0.0036	0.755	2.44	6.21	<10	315	1.37	1.52	1.46	0.89	25.8	14.5	24.4	34.3
CH L11		0.56	0.0038	0.149	3.05	8.46	<10	303	0.92	1.72	0.98	0.71	17.05	19.9	18.0	33.1
CH L12		0.63	0.0014	0.367	3.70	5.84	<10	309	1.85	1.64	0.63	0.95	29.2	19.2	18.9	45.9
CH L13		0.73	0.0064	1.435	1.68	3.46	<10	203	3.28	3.15	0.43	2.96	30.7	18.6	43.8	26.2
CH L14		0.77	0.0231	6.98	0.88	4.49	<10	153.0	1.71	16.40	0.53	3.00	67.8	8.8	19.0	12.90
CH L15		0.57	0.0120	4.12	1.59	5.90	<10	329	1.20	6.03	1.11	3.80	37.1	14.5	39.0	7.63
CH L16		0.72	0.0018	0.190	1.56	9.14	<10	336	0.51	0.31	0.59	0.20	38.0	12.2	29.2	1.16
CH L17		0.73	0.0032	0.185	1.53	9.01	<10	344	0.50	0.34	0.62	0.24	38.3	12.2	29.6	1.20
CH L18		0.61	0.0010	0.173	1.58	6.66	<10	254	0.27	0.29	0.45	0.17	31.7	10.1	35.3	1.63
CH L19		0.60	0.0015	0.211	1.68	8.28	<10	285	0.33	0.28	0.39	0.20	35.5	14.7	34.4	1.70
CH L20		0.73	0.0011	0.149	1.67	7.75	<10	274	0.34	0.25	0.34	0.23	34.5	9.9	30.4	1.55
CH L21		0.74	0.0016	0.133	1.49	7.22	<10	228	0.31	0.23	0.32	0.22	33.4	12.3	30.4	1.37
CH M1		0.50	0.0018	0.217	1.56	7.26	<10	243	0.33	0.45	0.34	0.19	32.7	12.0	33.9	2.14



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 3 - B  
Total # Pages: 5 (A - D)  
Plus Appendix Pages  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH K4		18.70	2.31	5.03	<0.05	0.02	0.044	0.019	0.05	16.7	12.1	0.53	165	0.74	0.02	0.98
CH K5		25.3	2.90	4.73	0.05	0.05	0.043	0.026	0.11	22.2	13.9	0.71	373	1.38	0.02	1.01
CH K6		32.7	3.06	5.11	<0.05	0.04	0.024	0.024	0.12	19.2	19.5	0.91	438	2.15	0.02	0.82
CH K7		15.20	2.29	4.20	<0.05	0.03	0.018	0.019	0.05	18.7	10.7	0.52	162	0.69	0.02	0.94
CH K8		14.85	2.73	4.22	<0.05	0.03	0.028	0.023	0.06	20.1	11.8	0.56	376	1.31	0.01	0.78
CH K9		63.4	1.83	2.58	0.05	0.05	0.237	0.025	0.12	22.9	7.5	0.44	153	1.83	0.03	0.30
CH K10		175.5	4.91	7.86	0.13	0.07	0.319	0.034	1.03	25.9	55.4	2.15	462	4.61	0.02	0.93
CH K11		63.3	3.34	6.05	0.09	0.08	0.065	0.023	0.52	22.1	38.0	1.52	355	1.67	0.02	1.04
CH K12		75.8	4.95	8.07	0.11	0.11	0.036	0.031	1.04	23.2	70.3	2.25	371	2.22	0.02	0.92
CH K13		59.2	3.41	5.91	0.09	0.05	0.049	0.025	0.41	22.2	32.3	1.45	300	1.42	0.02	0.81
CH K14		40.9	2.83	4.95	0.07	0.03	0.072	0.020	0.23	21.5	25.7	1.76	260	1.08	0.01	0.34
CH K15		14.05	5.69	8.22	0.13	0.11	0.039	0.038	1.12	23.1	52.2	1.74	903	1.64	0.02	0.71
CH K16		27.1	4.72	8.97	0.14	0.07	0.062	0.031	1.03	22.7	65.1	1.79	683	0.78	0.02	1.28
CH K17		48.4	1.93	3.56	0.07	0.05	0.090	0.018	0.14	14.0	13.5	0.61	1030	0.94	0.02	0.55
CH K18		43.4	3.35	5.86	0.07	0.08	0.051	0.021	0.24	17.0	31.1	1.39	353	1.02	0.02	0.83
CH K19		66.8	3.32	6.52	0.06	0.12	0.230	0.027	0.14	19.0	30.1	1.90	259	1.10	0.01	0.71
CH K20		56.2	2.47	4.56	<0.05	0.12	0.057	0.015	0.04	9.5	20.1	1.37	264	1.54	0.01	0.70
CH K21		91.2	2.32	3.74	<0.05	0.06	0.137	0.010	0.04	5.7	19.8	1.69	304	0.59	0.01	0.36
CH L1		31.8	2.98	5.78	0.06	0.06	0.061	0.024	0.08	19.4	22.9	1.25	458	0.93	0.02	0.90
CH L2		133.5	2.72	4.49	0.08	0.08	1.435	0.026	0.07	27.6	21.6	1.39	413	3.55	0.01	0.42
CH L3		38.3	3.72	7.44	0.09	0.09	0.166	0.027	0.24	22.6	35.6	1.93	252	1.21	0.01	0.80
CH L4		51.5	4.01	6.37	0.06	0.09	0.045	0.031	0.13	19.9	32.7	2.02	446	0.73	0.01	0.51
CH L5		37.1	2.88	5.59	0.06	0.03	0.044	0.022	0.15	18.4	26.0	1.88	688	1.13	0.01	0.46
CH L6		43.3	3.45	6.20	0.08	0.05	0.049	0.024	0.44	16.6	31.2	2.12	445	1.10	0.01	0.53
CH L7		60.4	3.21	5.62	0.07	0.08	0.062	0.026	0.18	21.3	25.7	1.50	587	1.28	0.02	0.78
CH L8		339	4.57	6.66	0.16	0.14	0.080	0.030	1.02	70.3	51.7	1.58	365	2.15	0.02	0.80
CH L9		207	4.39	7.59	0.10	0.05	0.036	0.029	0.87	33.1	36.5	1.65	408	2.13	0.02	1.07
CH L10		49.6	3.24	6.20	0.07	0.09	0.081	0.023	0.50	12.6	38.1	1.65	548	0.65	0.02	0.97
CH L11		27.8	4.17	7.97	0.08	0.06	0.019	0.020	0.62	8.2	47.2	2.30	374	0.51	0.01	0.82
CH L12		15.40	4.61	9.62	0.11	0.08	0.022	0.032	1.49	12.9	62.5	2.84	720	1.41	0.01	0.73
CH L13		132.5	3.63	4.32	<0.05	0.15	0.072	0.032	0.37	14.8	20.0	0.68	469	4.57	0.01	0.41
CH L14		304	3.01	2.54	0.08	0.14	0.752	0.067	0.21	33.7	11.9	0.44	349	16.00	0.03	0.49
CH L15		68.7	2.77	4.23	0.05	0.06	0.404	0.030	0.13	19.4	15.4	0.93	563	6.81	0.02	0.74
CH L16		27.9	2.61	4.44	0.06	0.09	0.061	0.024	0.06	18.9	11.3	0.56	343	0.83	0.03	1.30
CH L17		27.9	2.64	4.38	0.05	0.08	0.046	0.021	0.05	19.3	10.6	0.55	377	0.91	0.03	1.26
CH L18		12.65	2.27	4.55	<0.05	0.02	0.038	0.020	0.05	16.2	10.3	0.57	687	0.89	0.02	0.89
CH L19		13.55	2.75	4.89	<0.05	0.02	0.039	0.020	0.06	17.7	10.4	0.55	925	1.15	0.02	0.92
CH L20		12.60	2.48	4.85	<0.05	<0.02	0.038	0.020	0.06	17.3	10.9	0.51	424	0.80	0.02	0.97
CH L21		11.40	2.34	4.48	<0.05	<0.02	0.044	0.018	0.05	16.9	9.5	0.48	645	0.91	0.01	0.84
CH M1		14.05	2.33	4.94	<0.05	<0.02	0.043	0.021	0.05	16.3	11.2	0.49	442	0.83	0.01	0.87



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 3 - C  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH K4		19.9	0.054	30.3	10.6	0.001	0.03	0.346	3.5	0.8	0.5	24.1	<0.01	0.03	2.2	0.061
CH K5		31.1	0.060	52.1	15.3	0.001	0.02	0.379	4.9	0.9	0.5	26.0	<0.01	0.02	5.5	0.073
CH K6		32.7	0.058	38.8	20.2	<0.001	0.04	0.304	5.0	0.9	0.4	36.4	<0.01	0.03	3.3	0.069
CH K7		16.5	0.060	24.3	9.0	<0.001	0.03	0.277	3.4	0.7	0.5	27.2	<0.01	0.02	4.1	0.066
CH K8		18.2	0.070	26.7	10.5	<0.001	0.03	0.299	3.6	0.7	0.5	31.4	<0.01	0.02	4.2	0.059
CH K9		5.2	0.060	243	18.1	<0.001	0.11	0.306	1.2	0.6	0.4	27.2	<0.01	0.11	3.0	0.034
CH K10		37.3	0.070	435	118.0	<0.001	0.04	0.782	9.4	1.4	0.6	29.9	<0.01	0.08	3.5	0.192
CH K11		16.0	0.072	83.2	78.7	<0.001	0.05	0.331	5.4	0.7	0.7	32.9	<0.01	0.05	5.1	0.151
CH K12		17.7	0.086	66.5	123.5	<0.001	0.11	0.346	6.6	0.5	0.9	27.0	<0.01	0.02	3.9	0.236
CH K13		18.3	0.068	36.6	60.2	<0.001	0.04	0.294	6.0	0.8	0.5	29.0	<0.01	0.03	2.9	0.134
CH K14		21.7	0.215	51.5	28.2	0.001	0.04	0.586	5.2	0.8	0.4	30.7	<0.01	0.03	3.5	0.073
CH K15		26.7	0.095	39.7	115.5	0.001	0.01	0.266	11.6	0.7	0.7	28.9	<0.01	0.01	4.5	0.214
CH K16		19.9	0.075	24.1	134.5	<0.001	0.04	0.279	10.4	1.0	1.0	44.1	<0.01	0.01	2.4	0.210
CH K17		18.6	0.092	16.10	31.6	<0.001	0.10	0.438	3.4	1.3	0.4	77.0	<0.01	0.01	0.5	0.059
CH K18		21.2	0.101	17.45	34.3	<0.001	0.03	0.409	5.8	0.7	0.6	33.4	<0.01	0.01	2.5	0.106
CH K19		27.0	0.066	27.7	21.3	<0.001	0.03	0.621	7.2	0.7	0.5	26.9	<0.01	0.02	4.7	0.081
CH K20		46.7	0.028	34.6	8.2	<0.001	0.02	0.444	4.2	0.4	0.4	26.3	<0.01	0.02	3.5	0.085
CH K21		75.7	0.053	12.15	6.8	<0.001	0.04	0.364	4.0	0.5	0.2	31.5	<0.01	0.01	1.6	0.061
CH L1		20.9	0.066	23.6	21.6	<0.001	0.03	0.377	6.3	0.8	0.6	37.5	<0.01	0.02	3.1	0.105
CH L2		23.3	0.085	287	15.3	<0.001	0.08	6.94	5.1	1.7	0.5	43.5	<0.01	0.18	3.6	0.047
CH L3		14.0	0.076	57.1	43.6	<0.001	0.02	0.509	7.4	0.9	0.6	29.3	<0.01	0.03	4.5	0.123
CH L4		45.6	0.057	16.75	18.8	<0.001	0.01	0.437	11.9	0.9	0.6	20.9	<0.01	0.01	3.1	0.069
CH L5		24.7	0.104	32.3	25.6	<0.001	0.03	0.561	5.2	0.5	0.5	26.8	<0.01	0.02	3.3	0.077
CH L6		27.0	0.125	121.0	61.9	<0.001	0.04	0.267	7.0	0.4	0.5	29.6	<0.01	0.13	2.8	0.133
CH L7		24.3	0.070	40.8	37.8	0.001	0.06	0.371	7.8	0.9	0.6	48.4	<0.01	0.02	3.1	0.091
CH L8		17.9	0.129	66.1	107.0	<0.001	0.27	0.297	7.3	1.6	0.8	43.9	<0.01	0.05	8.9	0.159
CH L9		14.7	0.098	76.3	141.0	<0.001	0.02	0.267	6.8	0.6	0.8	26.4	<0.01	0.02	3.4	0.198
CH L10		17.4	0.078	81.3	87.0	<0.001	0.05	0.335	4.9	0.7	0.8	39.3	<0.01	0.05	2.1	0.146
CH L11		13.9	0.101	16.95	90.4	<0.001	0.02	0.314	5.3	0.3	0.6	25.5	<0.01	0.01	2.2	0.155
CH L12		12.3	0.070	27.2	184.0	<0.001	0.03	0.221	8.8	0.3	1.0	21.3	<0.01	0.02	2.3	0.272
CH L13		30.9	0.049	243	50.5	<0.001	0.03	0.395	6.3	1.0	0.7	15.1	<0.01	0.20	4.8	0.063
CH L14		17.2	0.052	2100	31.0	0.001	0.22	2.74	3.0	1.4	0.6	26.5	<0.01	1.03	8.8	0.045
CH L15		29.3	0.067	327	31.4	0.001	0.06	1.220	4.3	1.0	0.5	38.3	<0.01	0.09	2.2	0.076
CH L16		23.3	0.063	29.9	9.3	0.001	0.02	0.447	5.3	0.9	0.5	36.6	<0.01	0.03	4.4	0.098
CH L17		23.4	0.064	32.0	9.1	0.001	0.01	0.456	5.2	0.8	0.5	38.0	<0.01	0.03	4.5	0.096
CH L18		19.5	0.053	32.1	12.2	<0.001	0.02	0.228	3.3	0.6	0.5	29.2	<0.01	0.03	2.3	0.071
CH L19		18.6	0.059	35.3	12.5	<0.001	0.03	0.231	3.1	0.8	0.5	27.9	<0.01	0.03	2.1	0.061
CH L20		17.5	0.050	27.0	11.9	<0.001	0.01	0.251	3.1	0.5	0.5	26.5	<0.01	0.02	2.4	0.065
CH L21		15.7	0.051	29.2	9.9	<0.001	0.02	0.227	2.9	0.5	0.4	24.5	<0.01	0.03	2.0	0.062
CH M1		19.2	0.048	38.2	12.7	<0.001	0.01	0.266	3.3	0.5	0.4	24.5	<0.01	0.03	1.9	0.063





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 3 - D  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH K4		0.09	1.12	48	0.43	6.71	63.0	0.7
CH K5		0.15	1.46	55	0.27	8.71	86.0	1.6
CH K6		0.15	1.79	57	0.77	9.58	92.2	1.1
CH K7		0.09	1.02	51	0.47	6.31	58.6	1.0
CH K8		0.08	1.05	51	0.31	6.66	73.5	1.2
CH K9		0.15	0.79	20	28.6	4.44	173.5	1.9
CH K10		0.89	3.74	89	7.60	15.75	1160	3.1
CH K11		0.64	1.74	64	33.5	7.82	253	3.8
CH K12		1.08	2.17	86	53.7	6.14	413	5.3
CH K13		0.45	1.59	62	8.85	10.35	199.5	1.9
CH K14		0.33	1.07	63	9.46	10.75	130.0	1.2
CH K15		0.91	1.37	88	11.75	10.30	204	4.9
CH K16		1.05	1.66	98	15.30	17.00	129.5	3.3
CH K17		0.20	1.66	41	1.30	16.10	161.5	1.9
CH K18		0.27	1.77	73	9.98	10.65	110.0	3.3
CH K19		0.19	1.41	69	5.73	8.49	166.0	5.1
CH K20		0.14	0.85	48	1.03	3.96	72.0	5.0
CH K21		0.15	0.65	43	0.79	5.64	52.0	2.1
CH L1		0.25	1.14	68	2.10	11.30	79.3	2.9
CH L2		0.28	2.75	50	7.15	15.00	259	3.2
CH L3		0.48	1.34	85	2.64	10.20	136.5	4.1
CH L4		0.23	0.87	82	2.21	13.30	156.0	3.7
CH L5		0.34	0.82	66	1.60	7.38	92.6	1.2
CH L6		0.57	0.85	80	1.30	10.35	130.0	1.9
CH L7		0.41	1.26	65	8.43	13.15	107.5	3.5
CH L8		0.90	5.66	67	63.9	16.90	542	6.5
CH L9		0.85	3.43	90	30.6	10.35	648	2.4
CH L10		0.57	1.11	75	27.3	6.84	135.5	3.7
CH L11		0.66	0.54	96	13.10	4.18	125.0	2.6
CH L12		1.18	0.67	112	40.1	6.51	239	3.8
CH L13		0.36	1.49	55	48.6	6.27	712	7.0
CH L14		0.34	1.77	25	28.6	7.96	807	6.4
CH L15		0.30	1.33	47	30.4	9.01	270	2.5
CH L16		0.08	2.27	60	0.35	10.55	74.9	3.6
CH L17		0.08	2.45	60	0.70	11.00	76.2	3.5
CH L18		0.09	0.78	53	0.23	5.29	64.0	0.6
CH L19		0.11	0.91	59	0.17	5.75	69.6	0.6
CH L20		0.10	0.85	52	0.22	5.00	70.1	0.6
CH L21		0.08	0.76	53	0.30	4.53	59.8	0.5
CH M1		0.11	0.85	54	0.19	5.26	68.2	0.6



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 4 - A  
Total # Pages: 5 (A - D)  
Plus Appendix Pages  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH M2		0.62	0.0013	0.203	1.80	7.19	<10	283	0.35	0.35	0.44	0.17	35.2	12.6	39.2	2.24
CH M3		0.56	0.0016	0.160	1.73	7.46	<10	270	0.37	0.27	0.35	0.18	34.2	11.9	35.8	1.85
CH M4		0.53	0.0014	0.215	1.57	14.50	<10	287	0.36	0.29	0.49	0.30	47.0	19.1	45.2	1.83
CH M5		0.69	0.0039	1.275	2.07	3.99	<10	381	0.73	2.52	0.68	1.20	44.8	9.8	34.3	10.25
CH M6		0.54	0.0023	0.611	1.68	6.34	<10	235	0.42	1.90	0.68	0.45	41.7	12.9	28.8	7.12
CH M7		0.55	0.0012	1.230	0.91	4.46	<10	136.0	1.25	27.7	0.21	2.43	67.1	8.2	9.9	4.31
CH M8		0.32	0.0489	4.21	1.36	4.51	<10	276	0.54	3.79	0.52	0.72	40.6	5.3	22.3	6.17
CH M9		0.58	0.0514	10.25	1.55	5.14	<10	382	0.79	21.3	0.43	0.97	35.4	8.4	33.7	10.15
CH M10		0.57	0.0352	3.52	2.01	7.54	<10	337	1.97	6.43	0.43	1.44	36.1	19.2	47.9	17.05
CH M11		0.52	0.0077	2.14	1.94	5.95	<10	351	1.05	3.53	0.88	1.18	33.8	16.0	50.7	8.57
CH M12		0.27	0.0015	0.477	1.48	5.50	<10	444	0.40	0.42	1.93	0.78	19.90	13.2	34.1	2.89
CH M13		0.47	0.0023	0.072	3.92	2.49	<10	545	0.85	0.11	0.77	0.27	10.30	28.1	173.5	35.7
CH M14		0.59	0.0014	0.112	2.40	3.90	<10	107.5	0.40	0.11	0.62	0.18	8.23	19.8	90.5	5.78
CH M15		0.55	0.0015	0.147	2.82	7.95	<10	226	0.68	0.23	0.73	0.20	24.6	21.8	92.8	9.05
CH M16		0.48	0.0097	1.375	2.24	12.55	<10	214	0.78	0.82	0.74	0.50	31.1	27.1	71.8	11.05
CH M17		0.56	0.0034	2.72	2.55	5.23	<10	288	0.87	12.45	0.65	0.35	42.1	18.9	63.8	15.00
CH M18		0.63	0.0020	1.135	3.52	5.34	<10	391	1.23	2.28	0.62	0.13	61.9	19.1	39.0	32.4
CH M19		0.63	0.0026	0.327	3.51	4.96	<10	299	0.74	0.15	0.62	0.09	17.55	23.3	55.3	16.85
CH M20		0.58	0.0018	0.253	3.77	4.74	<10	363	1.08	0.32	0.62	0.14	39.4	21.6	32.4	22.1
CH M21		0.36	0.0042	0.895	2.17	4.61	<10	506	0.46	1.14	0.73	0.40	49.8	14.4	28.0	7.07
CH N1		0.49	0.0009	0.205	2.81	7.56	<10	246	0.49	0.17	0.27	0.11	17.65	17.3	63.0	9.53
CH N2		0.95	0.0020	0.332	2.85	6.06	<10	371	0.69	0.36	0.57	0.16	30.8	18.1	73.0	12.20
CH N3		0.60	0.0037	0.218	2.24	6.07	<10	332	0.41	0.24	0.62	0.12	36.1	11.7	34.3	3.09
CH N4		0.60	0.0031	0.894	3.52	7.36	<10	303	0.87	1.40	0.58	0.31	29.3	30.8	127.5	17.35
CH N5		0.33	0.0010	1.355	2.53	6.57	<10	277	0.85	5.95	0.74	0.24	17.30	19.9	91.8	8.03
CH N6		0.64	0.0005	0.142	2.50	8.68	<10	101.0	0.35	0.06	0.42	0.06	11.05	25.4	90.5	3.31
CH N7		0.72	<0.0002	0.228	2.46	17.15	<10	32.6	0.20	0.04	0.25	0.07	3.46	30.9	143.5	2.31
CH N8		0.53	0.0239	0.712	2.21	20.2	<10	179.5	0.42	0.06	1.18	0.21	12.60	42.0	108.0	4.37
CH N9		0.65	0.0692	7.20	0.48	5.27	<10	773	0.26	1.23	0.19	0.42	49.8	5.7	2.9	6.50
CH N10		0.39	0.0118	0.835	2.06	5.13	<10	375	0.80	0.25	1.43	0.58	23.9	15.8	55.5	7.79
CH N11		0.58	0.0092	1.695	0.73	3.35	<10	329	1.78	2.16	0.55	1.92	90.4	7.5	10.8	3.83
CH N12		0.57	0.0147	2.41	2.32	4.58	<10	603	0.93	0.65	0.86	1.22	60.5	20.2	35.3	17.60
CH N13		0.61	0.0100	0.727	1.94	5.69	<10	377	0.50	1.39	0.95	0.47	37.0	14.2	31.1	7.42
CH N14		0.37	0.0062	1.770	1.84	4.68	<10	435	0.50	3.10	0.93	1.27	45.0	13.5	28.9	5.76
CH N15		0.63	0.0060	3.04	2.16	5.21	<10	372	1.02	2.01	0.89	1.71	35.8	17.7	60.5	16.25
CH N16		0.67	0.0083	2.49	1.72	20.4	<10	325	1.72	2.37	0.53	1.85	29.0	32.3	47.0	16.75
CH N17		0.48	0.0100	2.79	2.05	5.25	<10	292	1.53	3.84	0.98	5.15	48.3	17.2	47.2	25.2
CH N18		0.43	0.0129	3.67	1.45	3.46	<10	192.5	0.66	4.03	0.59	1.22	22.7	7.6	35.2	14.80
CH N19		0.60	0.0025	0.150	1.44	11.35	<10	217	0.35	0.37	0.35	0.26	37.1	9.1	38.7	2.23
CH N20		0.55	0.0053	0.133	1.57	7.16	<10	352	0.35	0.38	0.57	0.19	35.8	14.8	58.7	2.77



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 4 - B  
Total # Pages: 5 (A - D)  
Plus Appendix Pages  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH M2		14.55	2.66	5.00	<0.05	<0.02	0.039	0.022	0.06	17.7	12.7	0.68	604	0.80	0.02	0.82
CH M3		13.85	2.65	4.83	<0.05	0.02	0.038	0.022	0.05	17.2	11.6	0.58	586	0.87	0.02	0.85
CH M4		15.25	3.68	4.48	0.06	0.02	0.047	0.023	0.06	21.5	11.0	0.60	1400	1.46	0.02	0.85
CH M5		88.2	2.39	5.46	0.07	0.05	0.121	0.027	0.17	22.0	22.4	1.23	221	1.39	0.02	0.87
CH M6		52.5	2.79	4.31	0.06	0.03	0.059	0.021	0.14	21.1	17.2	1.10	357	2.09	0.02	0.61
CH M7		80.5	3.17	2.56	0.06	0.08	0.035	0.024	0.10	34.6	9.5	0.21	282	15.00	0.01	0.46
CH M8		58.0	2.43	4.23	0.06	0.12	0.827	0.033	0.12	21.8	14.2	0.73	171	4.66	0.02	1.18
CH M9		65.5	2.93	4.56	0.05	0.20	0.841	0.043	0.26	22.3	22.3	0.91	238	17.15	0.03	1.09
CH M10		69.6	3.44	5.27	0.06	0.23	0.393	0.044	0.20	17.1	30.9	1.14	389	5.52	0.02	0.86
CH M11		86.5	3.03	4.72	0.06	0.09	0.277	0.028	0.20	18.6	22.2	1.34	339	3.40	0.02	0.78
CH M12		63.1	2.22	4.02	<0.05	0.04	0.060	0.020	0.05	10.2	12.8	0.64	546	1.53	0.03	0.79
CH M13		77.6	5.77	10.25	0.10	0.06	0.029	0.029	1.36	5.5	63.9	2.87	812	0.23	0.02	0.46
CH M14		69.0	3.09	5.88	<0.05	0.03	0.018	0.013	0.02	4.0	24.8	1.81	373	0.28	0.02	0.58
CH M15		63.6	3.69	6.66	<0.05	0.18	0.024	0.023	0.08	11.4	28.6	2.00	452	0.96	0.02	0.65
CH M16		134.0	3.59	5.07	0.05	0.10	0.109	0.025	0.07	15.4	24.2	1.81	450	1.77	0.01	0.48
CH M17		64.3	3.47	5.93	0.06	0.04	0.057	0.026	0.25	21.1	25.3	1.98	392	2.75	0.01	0.47
CH M18		37.6	4.12	9.35	0.10	0.10	0.018	0.029	0.93	28.7	44.5	3.37	417	1.54	0.02	0.60
CH M19		46.9	3.74	8.49	0.06	0.06	0.017	0.020	0.43	8.5	39.6	3.91	522	0.29	0.01	0.21
CH M20		46.2	4.66	9.30	0.07	0.06	0.023	0.032	0.20	21.9	43.7	3.37	443	0.50	0.01	0.36
CH M21		37.8	2.94	5.85	0.06	0.02	0.064	0.022	0.10	29.3	19.6	1.43	657	1.80	0.01	0.73
CH N1		38.4	3.52	7.46	<0.05	0.09	0.020	0.024	0.05	10.1	22.3	1.35	475	0.85	0.01	0.95
CH N2		56.0	3.36	6.93	0.06	0.04	0.075	0.022	0.09	19.8	26.9	1.93	708	0.71	0.01	0.76
CH N3		28.5	2.82	6.01	0.05	0.03	0.026	0.022	0.07	23.1	16.7	1.13	362	0.75	0.02	0.98
CH N4		80.3	4.54	7.64	0.06	0.12	0.025	0.031	0.24	12.0	35.0	3.03	644	0.68	0.01	0.34
CH N5		56.0	3.32	6.73	<0.05	0.05	0.037	0.025	0.07	8.2	22.5	1.41	695	1.34	0.02	0.89
CH N6		73.6	3.24	5.52	<0.05	0.09	0.010	0.012	0.02	4.4	22.2	2.26	347	0.28	0.01	0.41
CH N7		68.1	2.99	4.56	<0.05	0.05	0.012	0.010	0.02	1.5	22.6	2.33	300	0.57	<0.01	0.44
CH N8		161.0	2.70	4.34	0.05	0.03	0.062	0.010	0.02	4.9	26.3	2.01	631	0.44	0.01	0.36
CH N9		120.0	2.05	1.49	0.05	0.28	2.89	0.026	0.07	26.1	5.0	0.40	70	18.05	0.01	1.19
CH N10		66.3	2.89	5.32	0.05	0.08	0.147	0.025	0.09	12.5	24.6	1.38	321	0.63	0.02	0.71
CH N11		98.1	3.13	2.39	0.10	0.20	0.148	0.022	0.11	48.7	8.3	0.36	245	3.10	0.02	0.20
CH N12		191.5	3.91	5.89	0.11	0.07	0.259	0.027	0.19	36.2	37.4	1.81	620	5.33	0.01	0.42
CH N13		52.5	2.74	4.93	0.07	0.04	0.082	0.022	0.11	19.2	19.6	1.13	464	1.33	0.02	0.69
CH N14		93.5	2.71	4.76	0.07	0.05	0.220	0.029	0.14	22.6	17.4	0.97	510	3.11	0.02	0.73
CH N15		134.5	3.50	5.50	0.08	0.07	0.135	0.028	0.33	19.0	29.0	1.27	615	2.44	0.02	0.69
CH N16		133.0	4.17	4.24	0.05	0.21	0.220	0.025	0.47	14.0	24.2	1.14	470	3.65	0.02	0.55
CH N17		171.0	3.42	5.20	0.09	0.15	0.232	0.028	0.47	27.4	34.8	1.37	493	3.36	0.03	0.90
CH N18		57.1	2.43	3.86	<0.05	0.08	0.374	0.024	0.30	11.8	22.4	1.06	207	3.55	0.02	0.63
CH N19		13.55	2.70	4.35	<0.05	0.02	0.043	0.021	0.05	18.8	12.7	0.57	259	0.92	0.01	0.68
CH N20		15.85	2.88	4.57	0.05	0.03	0.026	0.019	0.07	18.9	15.4	0.79	754	0.97	0.01	0.63



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 4 - C  
Total # Pages: 5 (A - D)  
Plus Appendix Pages  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH M2		20.6	0.063	28.6	12.9	<0.001	0.02	0.253	3.8	0.6	0.5	27.8	<0.01	0.02	2.3	0.070
CH M3		18.5	0.059	26.8	11.6	<0.001	0.02	0.261	3.7	0.6	0.4	24.6	<0.01	0.03	2.4	0.069
CH M4		22.0	0.081	37.7	10.3	<0.001	0.04	0.333	3.6	0.7	0.4	32.0	<0.01	0.03	2.6	0.070
CH M5		20.7	0.058	109.5	39.2	<0.001	0.03	0.441	5.3	0.9	0.5	29.7	<0.01	0.07	4.1	0.101
CH M6		16.2	0.124	104.5	27.3	<0.001	0.03	0.495	4.3	0.7	0.4	26.0	<0.01	0.07	4.2	0.092
CH M7		9.1	0.033	299	16.3	<0.001	0.02	0.493	1.9	0.7	0.6	14.6	<0.01	0.27	14.0	0.024
CH M8		14.3	0.029	559	28.7	<0.001	0.08	2.28	3.5	1.0	0.6	26.9	<0.01	0.07	10.1	0.067
CH M9		27.2	0.030	804	50.0	0.001	0.16	1.690	4.0	1.1	0.6	23.6	<0.01	0.14	14.5	0.114
CH M10		39.0	0.026	424	50.7	<0.001	0.03	1.860	6.2	1.2	0.8	20.8	<0.01	0.04	10.4	0.113
CH M11		38.5	0.051	166.0	38.6	<0.001	0.04	0.682	5.3	1.0	0.5	32.1	<0.01	0.06	4.6	0.105
CH M12		26.6	0.054	53.9	15.1	<0.001	0.05	0.406	3.0	0.6	0.4	52.1	<0.01	0.06	0.9	0.069
CH M13		89.3	0.037	11.40	148.5	<0.001	0.01	0.182	13.8	0.8	0.7	22.0	<0.01	0.02	0.8	0.357
CH M14		45.0	0.035	9.84	5.4	<0.001	<0.01	0.216	4.5	0.4	0.5	20.2	<0.01	0.02	0.6	0.128
CH M15		56.1	0.034	22.0	18.6	<0.001	0.01	0.404	8.2	0.4	0.6	27.0	<0.01	0.04	3.4	0.132
CH M16		45.8	0.063	123.0	19.0	<0.001	0.02	0.742	7.5	0.9	0.5	24.7	<0.01	0.06	3.9	0.061
CH M17		52.1	0.059	199.5	39.7	<0.001	0.01	0.230	8.2	0.7	0.5	19.7	<0.01	0.12	6.2	0.084
CH M18		29.3	0.102	62.9	108.0	<0.001	0.02	0.207	8.5	0.8	0.9	26.7	<0.01	0.04	9.1	0.171
CH M19		31.6	0.095	9.00	45.0	<0.001	<0.01	0.330	8.0	0.4	0.6	19.6	<0.01	0.02	2.4	0.122
CH M20		20.4	0.092	14.80	34.6	<0.001	<0.01	0.250	9.1	0.6	0.9	19.6	<0.01	0.02	5.6	0.074
CH M21		17.4	0.076	44.3	33.3	<0.001	0.03	0.256	5.2	0.7	0.5	29.4	<0.01	0.04	3.6	0.079
CH N1		33.8	0.022	9.98	25.2	<0.001	<0.01	0.402	4.9	0.4	0.7	20.7	<0.01	0.02	2.8	0.162
CH N2		39.6	0.045	14.95	26.3	<0.001	<0.01	0.318	6.5	0.7	1.2	23.2	<0.01	0.01	5.9	0.121
CH N3		21.2	0.050	12.30	15.4	<0.001	0.01	0.262	4.6	0.5	0.5	24.9	<0.01	0.02	3.8	0.109
CH N4		77.9	0.061	52.2	35.2	0.001	<0.01	0.361	9.9	0.7	0.5	21.6	<0.01	0.04	5.2	0.115
CH N5		41.7	0.035	106.0	20.4	<0.001	0.01	0.312	7.9	0.6	0.8	31.8	<0.01	0.08	1.5	0.097
CH N6		55.5	0.029	4.89	6.3	<0.001	<0.01	0.345	5.7	0.4	0.3	18.3	<0.01	0.02	1.0	0.116
CH N7		77.8	0.015	2.42	4.1	<0.001	<0.01	0.365	3.0	0.3	0.5	14.3	<0.01	0.01	0.4	0.144
CH N8		68.9	0.048	7.89	6.0	<0.001	0.03	0.411	5.4	0.8	0.3	27.9	<0.01	0.02	0.4	0.068
CH N9		2.7	0.035	1130	6.9	<0.001	0.15	26.2	1.0	1.9	0.3	16.9	0.01	0.71	13.7	0.003
CH N10		35.7	0.055	75.7	19.2	0.001	0.04	0.577	7.4	0.9	0.6	40.4	<0.01	0.03	1.7	0.080
CH N11		14.4	0.053	175.5	10.4	0.001	0.13	0.529	2.9	1.7	0.3	36.9	<0.01	0.03	14.6	0.015
CH N12		23.9	0.086	98.9	25.6	<0.001	0.02	0.426	8.4	1.6	0.5	26.0	<0.01	0.12	6.8	0.056
CH N13		18.8	0.075	56.4	26.9	<0.001	0.03	0.405	5.1	0.9	0.4	38.0	<0.01	0.05	2.2	0.089
CH N14		18.0	0.061	163.0	28.6	<0.001	0.05	0.728	5.0	1.0	0.4	39.2	<0.01	0.13	3.6	0.083
CH N15		35.3	0.056	165.0	54.3	<0.001	0.04	1.050	6.6	1.3	0.5	33.7	<0.01	0.11	3.4	0.126
CH N16		57.0	0.056	158.5	60.9	0.001	0.06	0.790	6.6	0.9	0.4	23.4	<0.01	0.07	5.0	0.113
CH N17		36.1	0.041	225	79.0	0.002	0.13	0.513	5.4	1.5	0.6	37.4	<0.01	0.10	5.1	0.118
CH N18		23.8	0.031	306	59.0	0.001	0.07	1.025	3.7	0.4	0.5	23.3	<0.01	0.12	4.5	0.097
CH N19		18.3	0.059	39.4	11.5	<0.001	0.01	0.273	3.6	0.7	0.4	22.9	<0.01	0.02	3.0	0.062
CH N20		24.3	0.062	23.7	13.2	<0.001	0.02	0.201	4.0	0.6	0.4	25.3	<0.01	0.04	3.5	0.070



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 4 - D  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH M2		0.10	0.83	57	0.27	5.66	73.0	0.6
CH M3		0.10	0.88	57	0.31	5.83	68.9	0.7
CH M4		0.10	0.97	90	0.28	8.26	68.3	0.8
CH M5		0.34	1.52	52	8.83	8.83	166.5	1.9
CH M6		0.23	1.12	58	8.63	6.50	151.0	1.3
CH M7		0.18	2.72	20	49.8	7.76	781	4.1
CH M8		0.25	1.35	39	13.55	5.08	167.5	4.5
CH M9		0.59	1.65	43	27.9	4.31	269	7.0
CH M10		0.59	1.49	56	61.8	7.29	550	8.9
CH M11		0.43	1.68	51	19.40	9.92	272	3.7
CH M12		0.15	0.75	45	1.94	5.90	64.0	2.0
CH M13		1.23	0.46	145	2.80	13.70	197.0	2.7
CH M14		0.14	0.37	66	3.62	4.81	66.0	1.2
CH M15		0.27	0.47	83	0.73	5.71	112.0	7.3
CH M16		0.25	0.74	62	1.85	8.20	178.0	3.9
CH M17		0.40	1.11	73	0.68	8.06	148.0	2.1
CH M18		1.02	1.26	117	0.62	8.57	110.5	5.8
CH M19		0.90	0.52	102	5.52	7.25	74.1	2.4
CH M20		0.37	1.01	89	27.0	8.40	90.7	2.5
CH M21		0.31	1.36	57	1.59	11.20	77.4	1.0
CH N1		0.28	0.41	90	0.32	4.48	69.6	3.9
CH N2		0.28	1.07	80	0.71	9.86	104.5	2.0
CH N3		0.13	1.17	59	0.51	7.90	59.7	1.5
CH N4		0.36	0.60	107	0.62	6.62	153.0	4.9
CH N5		0.23	0.78	83	0.57	6.38	58.5	2.3
CH N6		0.12	0.36	69	0.32	3.94	46.0	2.8
CH N7		0.05	0.11	54	0.55	1.29	46.4	1.4
CH N8		0.20	0.45	55	0.71	8.44	32.9	1.0
CH N9		0.13	0.78	9	11.10	2.43	131.5	12.4
CH N10		0.21	0.90	64	7.28	9.85	99.9	3.2
CH N11		0.12	2.75	16	14.20	9.54	666	7.8
CH N12		0.28	1.29	63	19.55	20.6	265	2.6
CH N13		0.27	1.12	57	6.09	10.40	97.0	1.9
CH N14		0.28	1.90	51	2.83	10.95	188.0	2.0
CH N15		0.47	2.06	70	16.70	13.15	259	3.5
CH N16		0.63	1.22	54	24.9	11.60	496	7.5
CH N17		0.70	2.93	57	21.4	19.40	403	5.4
CH N18		0.48	0.77	42	10.10	3.66	324	2.7
CH N19		0.09	0.81	59	0.30	5.97	69.8	0.7
CH N20		0.12	0.73	61	0.64	5.81	70.4	1.0



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 5 - A  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

Sample Description	Method Analyte Units LOR	WEI-21	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
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
CH N21		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
CH 04		0.61	0.0015	0.133	1.73	6.91	<10	389	0.41	0.26	0.65	0.22	37.7	15.3	60.0	3.28
CH 05		0.70	0.0036	0.735	1.54	5.01	<10	144.0	1.29	2.66	0.29	2.26	77.0	8.2	14.8	6.80
CH 06		0.62	0.0297	2.84	1.53	5.67	<10	267	0.61	1.31	0.62	1.00	43.1	13.0	31.6	4.97
CH 07		0.83	0.0297	3.72	1.68	5.97	<10	314	0.57	1.07	0.78	1.46	36.1	11.4	38.1	4.85
CH 08		0.66	0.0076	3.35	1.33	3.43	<10	294	0.71	13.45	0.70	1.09	42.0	7.5	30.8	7.57
CH 09		0.71	0.0042	1.220	2.20	5.89	<10	338	0.89	2.11	0.82	0.89	28.0	17.2	60.6	11.25
CH 10		0.77	0.0047	2.64	2.82	5.11	<10	319	1.43	4.31	0.61	2.09	67.8	18.4	74.3	26.2
CH 11		0.62	0.0051	1.510	2.65	5.82	<10	377	1.03	2.54	0.62	1.17	38.3	18.3	70.6	15.45
CH 12		0.69	0.0049	2.33	2.03	5.53	<10	418	0.53	6.16	0.78	0.77	43.0	11.9	34.4	4.95
CH 13		0.57	0.0043	1.730	2.33	5.26	<10	445	0.53	3.51	0.85	0.56	44.9	13.9	33.1	9.59
CH 14		0.57	0.0023	0.321	1.98	6.75	<10	339	0.45	0.45	0.74	0.27	33.7	12.4	30.5	7.55
CH 15		0.81	0.0015	0.302	2.14	7.66	<10	373	0.52	0.20	0.82	0.15	22.0	19.1	48.7	4.02
CH 16		0.69	0.0015	0.231	2.37	8.02	<10	131.5	0.44	0.12	0.46	0.06	9.70	25.0	140.0	3.80
CH 17		0.65	0.0011	0.191	2.01	7.90	<10	98.7	0.21	0.11	0.29	0.07	5.32	20.6	78.2	3.04
CH 18		0.78	0.0006	0.096	1.93	8.53	<10	94.1	0.19	0.10	0.29	0.06	7.10	20.6	68.2	2.18
CH 19		0.77	0.0023	0.329	2.64	18.70	<10	207	0.58	0.26	0.53	0.10	17.40	28.1	125.0	6.57
CH 20		0.62	0.0015	0.253	2.35	10.95	<10	162.5	0.41	0.24	0.19	0.13	14.05	18.5	59.5	2.75
CH 21		0.55	0.0013	0.059	1.75	5.26	<10	226	0.36	0.20	0.37	0.04	30.9	9.0	23.5	2.23
CH 22		0.67	0.0015	0.051	1.85	4.17	<10	204	0.31	0.21	0.34	0.04	38.9	8.2	28.1	2.02
CH 23		Not Recvd														
CH 24		Not Recvd														
CH 25		Not Recvd														
CH 26		Not Recvd														
CH 27		Not Recvd														
CH 28		Not Recvd														
CH 29		Not Recvd														
CH 30		Not Recvd														
CH 31		Not Recvd														
CH 32		Not Recvd														
CH 33		Not Recvd														
CH 34		Not Recvd														
CH 35		Not Recvd														
CH 36		Not Recvd														
CH 37		Not Recvd														
CH 38		Not Recvd														
CH 39		Not Recvd														
CH 40		Not Recvd														
CH 41		Not Recvd														



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 5 - B  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH N21		19.20	2.83	4.97	0.05	0.03	0.034	0.021	0.07	19.4	16.9	0.85	732	0.85	0.01	0.66
CH 04		105.5	3.43	4.42	0.08	0.17	0.054	0.035	0.27	36.0	20.6	0.83	360	4.34	0.02	0.63
CH 05		101.5	2.79	4.17	0.07	0.07	1.060	0.031	0.11	21.6	16.4	0.90	359	2.67	0.02	0.79
CH 06		109.5	2.72	4.25	0.06	0.07	1.440	0.029	0.10	18.9	16.2	1.03	389	2.60	0.02	0.77
CH 07		98.0	2.70	3.44	0.05	0.14	0.302	0.025	0.22	24.7	17.2	0.86	201	5.45	0.02	0.62
CH 08		114.0	3.61	5.45	0.09	0.08	0.135	0.023	0.31	16.1	28.7	1.52	392	7.50	0.03	0.64
CH 09		330	4.07	6.86	0.11	0.14	0.141	0.068	0.60	30.0	38.9	2.15	519	3.38	0.02	0.59
CH 10		134.0	3.71	6.55	0.08	0.12	0.169	0.031	0.36	18.4	34.9	1.87	414	2.33	0.02	0.60
CH 11		101.0	3.01	5.67	0.06	0.07	0.270	0.031	0.16	25.1	21.0	1.03	419	3.54	0.02	0.88
CH 12		64.3	3.23	5.86	0.08	0.06	0.120	0.027	0.19	24.0	24.4	1.29	330	2.07	0.02	0.89
CH 13		32.9	2.78	5.50	0.06	0.03	0.043	0.021	0.09	17.9	20.6	1.10	399	0.80	0.01	0.65
CH 14		79.3	3.05	5.90	<0.05	0.07	0.031	0.023	0.05	10.4	19.9	1.06	467	0.48	0.02	0.85
CH 15		99.4	3.48	5.72	<0.05	0.10	0.019	0.018	0.02	4.2	24.3	1.78	364	0.36	0.01	0.28
CH 16		58.9	2.59	4.22	<0.05	0.08	0.017	0.011	0.02	2.5	17.1	1.58	240	0.43	0.01	0.31
CH 17		55.3	2.47	4.16	<0.05	0.08	0.008	0.010	0.03	2.9	17.9	1.52	268	0.39	0.01	0.29
CH 18		192.0	3.74	6.29	0.07	0.12	0.021	0.021	0.04	8.5	31.7	1.91	468	0.40	0.01	0.36
CH 19		34.0	3.05	6.70	<0.05	0.17	0.017	0.025	0.04	7.1	21.0	1.01	309	1.16	0.01	0.69
CH 20		19.55	2.39	4.69	<0.05	0.10	0.016	0.017	0.04	16.7	15.9	1.00	219	0.47	0.02	0.51
CH 21		21.8	2.31	4.75	0.05	0.07	0.019	0.015	0.08	21.7	14.4	1.22	218	0.49	0.01	0.56
CH 22																
CH 23																
CH 24																
CH 25																
CH 26																
CH 27																
CH 28																
CH 29																
CH 30																
CH 31																
CH 32																
CH 33																
CH 34																
CH 35																
CH 36																
CH 37																
CH 38																
CH 39																
CH 40																
CH 41																



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 5 - C  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH N21		27.6	0.065	19.20	14.9	<0.001	0.02	0.211	4.7	0.8	0.4	28.7	<0.01	0.03	3.4	0.074
CH 04		12.4	0.043	183.0	28.2	<0.001	0.11	0.314	3.1	1.0	0.5	27.5	<0.01	0.09	18.4	0.063
CH 05		19.9	0.053	494	23.7	<0.001	0.04	5.06	4.3	0.9	0.4	26.8	<0.01	0.14	6.5	0.078
CH 06		23.3	0.059	468	22.2	<0.001	0.04	5.66	4.7	1.2	0.5	31.7	<0.01	0.15	4.0	0.080
CH 07		20.4	0.041	300	39.1	0.001	0.15	0.466	3.5	1.1	0.4	30.5	<0.01	0.17	6.0	0.074
CH 08		40.1	0.059	101.0	42.4	0.001	0.09	0.530	6.8	1.2	0.7	36.5	<0.01	0.07	4.6	0.122
CH 09		48.0	0.056	775	81.8	<0.001	0.06	0.416	8.4	1.6	0.8	25.2	<0.01	0.55	7.3	0.156
CH 10		44.8	0.059	127.5	52.2	<0.001	0.02	0.415	8.6	1.1	0.6	28.3	<0.01	0.11	5.5	0.152
CH 11		18.7	0.057	184.0	31.1	<0.001	0.02	0.441	6.4	1.0	0.6	32.4	<0.01	0.12	4.1	0.110
CH 12		18.5	0.059	107.5	43.5	0.001	0.02	0.361	6.7	0.9	0.5	31.3	<0.01	0.06	3.8	0.118
CH 13		17.8	0.102	19.65	20.1	<0.001	0.02	0.266	5.2	1.0	0.5	33.7	<0.01	0.02	1.9	0.100
CH 14		30.8	0.035	10.45	13.4	<0.001	0.01	0.295	6.6	0.7	0.5	35.1	<0.01	0.02	2.0	0.110
CH 15		44.7	0.046	9.51	4.1	<0.001	<0.01	0.516	9.7	0.8	0.4	20.6	<0.01	0.01	0.9	0.123
CH 16		52.5	0.024	7.02	6.1	<0.001	<0.01	0.313	4.2	0.5	0.3	13.6	<0.01	0.02	0.6	0.075
CH 17		50.0	0.021	4.71	7.8	<0.001	<0.01	0.240	3.3	0.3	0.3	16.7	<0.01	0.01	0.7	0.099
CH 18		44.8	0.025	14.70	9.4	<0.001	<0.01	0.313	10.9	0.9	0.4	23.8	<0.01	0.01	1.5	0.165
CH 19		35.8	0.024	9.66	16.4	<0.001	<0.01	0.410	3.5	0.5	0.6	15.9	<0.01	0.02	2.2	0.131
CH 20		13.6	0.053	8.71	8.0	<0.001	<0.01	0.239	4.2	0.4	0.4	24.4	<0.01	0.01	4.4	0.093
CH 21		16.9	0.047	9.38	14.2	<0.001	<0.01	0.219	3.9	0.6	0.5	21.8	<0.01	0.02	6.2	0.101
CH 22																
CH 23																
CH 24																
CH 25																
CH 26																
CH 27																
CH 28																
CH 29																
CH 30																
CH 31																
CH 32																
CH 33																
CH 34																
CH 35																
CH 36																
CH 37																
CH 38																
CH 39																
CH 40																
CH 41																





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 5 - D  
 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 24-OCT-2012  
 Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

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
CH N21		0.14	0.83	61	0.29	7.84	72.0	1.0
CH 04		0.24	4.20	29	8.89	9.16	592	7.6
CH 05		0.26	1.73	50	7.82	8.44	298	2.8
CH 06		0.26	1.74	51	6.26	9.84	263	2.7
CH 07		0.35	1.97	36	14.10	7.68	161.5	6.2
CH 08		0.47	1.67	66	46.1	12.75	224	3.8
CH 09		0.72	2.73	82	12.70	11.35	790	6.6
CH 10		0.57	2.05	82	8.37	10.05	330	5.2
CH 11		0.29	1.77	64	1.34	13.35	171.0	3.0
CH 12		0.44	1.43	64	3.89	12.55	133.0	2.6
CH 13		0.23	0.91	66	6.80	10.45	65.4	1.3
CH 14		0.25	0.81	78	0.26	8.76	52.9	3.1
CH 15		0.25	0.59	87	0.34	5.19	51.1	3.9
CH 16		0.07	0.15	54	0.25	2.39	38.7	2.4
CH 17		0.07	0.13	49	0.14	2.12	40.0	2.5
CH 18		0.33	0.33	101	0.28	9.92	55.9	4.4
CH 19		0.13	0.34	72	0.29	2.42	48.1	6.7
CH 20		0.09	0.74	48	0.49	7.00	48.3	4.3
CH 21		0.15	0.91	47	1.53	8.13	49.6	3.8
CH 22								
CH 23								
CH 24								
CH 25								
CH 26								
CH 27								
CH 28								
CH 29								
CH 30								
CH 31								
CH 32								
CH 33								
CH 34								
CH 35								
CH 36								
CH 37								
CH 38								
CH 39								
CH 40								
CH 41								



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 24-OCT-2012  
Account: COUDES

Project: CH

**CERTIFICATE OF ANALYSIS WH12235268**

**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