



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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To: COUREUR DES BOIS  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

Page: 1  
Total # Pages: 2 (A - C)  
Plus Appendix Pages  
Finalized Date: 17-AUG-2015  
Account: COUDES

**CERTIFICATE WH15117817**

Project: CH15-Rx

P.O. No.: CDB-2015-1

This report is for 33 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2015.

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-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: COUREUR DES BOIS  
ATTN: DANIELE HEON  
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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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Page: 2 - A  
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**CERTIFICATE OF ANALYSIS WH15117817**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
Q050601		0.84	<0.001	0.9	0.04	<2	20	10	<0.5	5	0.03	<0.5	1	18	8	0.31
Q050602		0.58	0.001	4.1	0.27	<2	10	70	0.8	29	0.03	1.4	5	8	57	1.31
Q050603		0.49	0.032	3.0	0.20	<2	<10	90	<0.5	4	0.02	<0.5	1	10	12	0.41
Q050604		1.02	0.010	8.2	0.37	<2	<10	210	<0.5	29	0.05	0.5	2	11	17	0.68
Q050605		0.80	0.027	3.9	1.37	6	<10	380	1.3	7	0.24	1.4	14	30	55	2.41
Q050606		0.75	0.001	<0.2	2.53	<2	<10	170	<0.5	<2	4.47	<0.5	26	346	5	4.27
Q050607		0.22	0.002	0.2	3.64	<2	<10	880	0.5	<2	0.78	0.7	26	15	61	5.47
Q050608		0.37	0.112	27.1	0.37	<2	<10	2080	<0.5	19	0.10	<0.5	2	9	111	0.85
Q050609		0.76	0.004	0.7	4.56	<2	<10	1430	0.5	2	1.60	3.2	37	142	13	4.87
Q050610		2.30	1.180	90.1	0.07	3	<10	720	<0.5	<2	0.02	<0.5	<1	4	25	0.21
Q050611		2.17	0.466	85.3	0.17	17	<10	620	<0.5	<2	0.01	<0.5	<1	12	11	0.46
Q050612		1.07	0.102	5.9	0.27	13	<10	260	<0.5	3	0.02	<0.5	<1	10	12	1.29
Q050613		0.91	0.134	2.7	0.24	6	<10	690	<0.5	<2	0.03	<0.5	<1	9	11	0.76
Q050614		0.60	0.003	1.5	0.62	3	<10	270	<0.5	4	0.01	<0.5	1	4	76	1.19
Q050615		0.83	0.001	0.2	0.05	<2	<10	100	<0.5	<2	<0.01	<0.5	<1	20	8	0.28
Q050616		0.57	<0.001	<0.2	0.33	<2	<10	130	<0.5	<2	0.01	<0.5	<1	5	42	0.54
Q050617		0.73	0.003	<0.2	3.19	<2	<10	590	<0.5	<2	0.79	<0.5	29	138	45	4.24
Q050618		0.43	<0.001	0.3	0.25	<2	<10	80	<0.5	<2	0.01	<0.5	<1	6	2	0.18
Q050619		0.66	<0.001	<0.2	0.25	<2	<10	110	<0.5	<2	0.01	<0.5	1	5	8	0.46
Q050620		0.85	<0.001	<0.2	0.07	<2	<10	130	<0.5	<2	0.05	<0.5	<1	14	5	0.20
Q050621		0.36	<0.001	<0.2	0.42	<2	<10	170	<0.5	<2	<0.01	<0.5	<1	7	1	0.36
Q050622		0.69	0.031	0.6	0.62	13	<10	200	<0.5	2	0.23	0.8	5	26	60	1.99
Q050623		0.73	0.001	<0.2	0.19	30	<10	410	<0.5	<2	0.02	<0.5	2	16	22	0.81
Q050624		0.42	0.001	<0.2	0.08	72	<10	80	<0.5	<2	0.02	<0.5	4	20	25	0.80
Q050625		0.50	0.002	<0.2	0.16	80	<10	260	<0.5	<2	0.03	<0.5	4	23	37	1.34
Q050626		0.55	0.077	2.9	0.16	3120	<10	880	<0.5	4	0.01	3.4	<1	20	17	0.97
Q050627		0.56	0.075	17.0	0.16	3200	<10	550	<0.5	33	0.01	5.1	<1	22	18	0.85
Q050628		0.37	0.003	0.7	0.28	262	<10	2150	<0.5	2	0.09	2.4	1	21	24	0.83
Q050629		0.70	<0.001	<0.2	0.22	42	<10	370	<0.5	<2	0.01	<0.5	7	12	25	1.24
Q050630		1.42	<0.001	<0.2	0.49	16	<10	70	<0.5	2	5.96	0.5	55	946	18	2.82
Q050631		0.56	0.001	<0.2	0.53	21	<10	180	<0.5	<2	0.16	<0.5	103	910	15	6.03
Q050632		0.56	0.001	1.0	1.08	4	<10	160	<0.5	3	0.09	<0.5	5	23	15	1.31
Q050633		0.36	<0.001	<0.2	0.03	8	<10	20	<0.5	<2	0.01	<0.5	1	23	1	0.46



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Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 17-AUG-2015  
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**CERTIFICATE OF ANALYSIS WH15117817**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
Q050601		<10	<1	0.01	<10	0.01	55	1	<0.01	12	30	33	0.01	<2	<1	<1
Q050602		<10	<1	0.15	<10	0.03	137	13	0.01	5	100	130	0.01	<2	1	1
Q050603		<10	<1	0.11	<10	0.04	44	1	0.01	2	30	143	0.01	<2	<1	1
Q050604		<10	<1	0.18	<10	0.09	71	1	0.02	6	100	232	0.03	<2	1	3
Q050605		<10	<1	0.33	10	0.63	355	4	0.02	24	200	373	0.05	<2	4	14
Q050606		10	<1	0.02	<10	3.64	942	<1	0.02	38	630	5	0.10	<2	33	119
Q050607		10	<1	1.13	10	2.89	815	<1	0.01	8	2010	19	0.01	<2	6	25
Q050608		<10	1	0.17	10	0.10	89	24	0.01	3	90	1220	0.10	<2	1	79
Q050609		10	<1	1.18	<10	4.66	1045	<1	0.01	107	770	50	0.01	<2	4	52
Q050610		<10	2	0.03	10	0.01	14	8	<0.01	1	80	3750	0.10	31	<1	462
Q050611		<10	14	0.10	10	0.01	23	34	0.02	1	20	2510	0.14	162	<1	110
Q050612		<10	5	0.30	10	0.02	23	39	0.06	4	110	613	0.47	<2	1	23
Q050613		<10	2	0.16	<10	0.02	40	7	0.02	1	90	168	0.17	<2	1	59
Q050614		<10	<1	0.19	20	0.05	24	7	0.01	2	130	247	0.06	<2	<1	11
Q050615		<10	<1	0.03	<10	<0.01	25	<1	<0.01	1	10	23	<0.01	3	<1	1
Q050616		<10	<1	0.23	10	0.04	16	1	<0.01	1	90	19	<0.01	<2	<1	3
Q050617		10	<1	1.16	<10	2.69	511	<1	0.04	80	650	7	<0.01	<2	6	57
Q050618		<10	<1	0.16	<10	0.02	15	1	<0.01	<1	10	15	0.01	<2	<1	1
Q050619		<10	<1	0.16	<10	0.02	24	4	<0.01	1	30	3	<0.01	<2	<1	1
Q050620		<10	<1	0.05	<10	0.01	52	<1	<0.01	<1	130	2	<0.01	<2	<1	1
Q050621		<10	<1	0.15	<10	0.10	24	1	0.04	<1	20	4	0.01	<2	<1	6
Q050622		<10	<1	0.10	10	0.26	148	1	<0.01	34	1190	60	<0.01	<2	2	13
Q050623		<10	<1	0.12	10	0.01	59	<1	<0.01	8	220	<2	0.02	<2	1	9
Q050624		<10	<1	0.03	<10	<0.01	47	<1	<0.01	20	180	<2	<0.01	<2	1	6
Q050625		<10	<1	0.07	10	0.01	72	2	<0.01	23	380	3	0.01	<2	1	14
Q050626		<10	<1	0.07	10	0.01	27	3	<0.01	4	340	296	0.02	<2	1	8
Q050627		<10	<1	0.05	10	0.01	28	6	<0.01	4	360	3070	<0.01	<2	1	4
Q050628		<10	<1	0.10	10	0.02	28	3	<0.01	5	660	85	0.05	<2	2	25
Q050629		<10	<1	0.10	10	0.02	355	<1	<0.01	28	100	8	<0.01	<2	1	3
Q050630		<10	<1	<0.01	<10	8.92	1115	<1	<0.01	1175	10	2	0.18	<2	7	319
Q050631		<10	<1	0.01	<10	6.92	1600	<1	<0.01	2130	120	<2	0.06	<2	8	14
Q050632		<10	<1	0.16	10	0.24	144	3	0.01	20	60	97	0.04	<2	3	11
Q050633		<10	<1	0.01	<10	0.04	85	<1	<0.01	13	10	7	0.02	<2	<1	<1



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Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 17-AUG-2015  
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Project: CH15-Rx

**CERTIFICATE OF ANALYSIS WH15117817**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
Q050601		<20	<0.01	<10	<10	1	300	17
Q050602		<20	<0.01	<10	<10	2	20	340
Q050603		<20	<0.01	<10	<10	2	20	24
Q050604		<20	0.01	<10	<10	7	60	113
Q050605		<20	0.06	<10	<10	35	110	368
Q050606		<20	0.19	<10	<10	176	<10	59
Q050607		<20	0.14	<10	<10	142	<10	444
Q050608		<20	0.01	<10	<10	8	10	79
Q050609		<20	0.32	<10	<10	88	<10	529
Q050610		<20	<0.01	<10	<10	3	<10	10
Q050611		<20	<0.01	<10	<10	2	<10	8
Q050612		<20	<0.01	<10	<10	12	<10	9
Q050613		<20	<0.01	<10	<10	8	<10	9
Q050614		<20	<0.01	<10	<10	6	<10	39
Q050615		<20	<0.01	<10	<10	<1	<10	<2
Q050616		<20	<0.01	<10	<10	1	<10	38
Q050617		<20	0.37	<10	<10	112	<10	94
Q050618		<20	<0.01	<10	<10	1	<10	3
Q050619		<20	<0.01	<10	<10	2	<10	14
Q050620		<20	<0.01	<10	<10	1	<10	<2
Q050621		<20	<0.01	<10	<10	2	<10	10
Q050622		<20	<0.01	<10	<10	58	<10	81
Q050623		<20	<0.01	<10	<10	7	<10	23
Q050624		<20	<0.01	<10	<10	7	<10	81
Q050625		<20	<0.01	<10	<10	20	<10	51
Q050626		<20	<0.01	<10	<10	27	<10	65
Q050627		<20	<0.01	<10	<10	26	<10	90
Q050628		<20	<0.01	<10	<10	56	<10	41
Q050629		<20	<0.01	<10	<10	7	<10	67
Q050630		<20	<0.01	<10	<10	20	<10	22
Q050631		<20	<0.01	<10	<10	21	<10	21
Q050632		<20	0.04	<10	<10	28	<10	26
Q050633		<20	<0.01	<10	<10	2	<10	3



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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 17-AUG-2015  
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**CERTIFICATE OF ANALYSIS WH15117817**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
	CRU-31	CRU-QC	LOG-21
	PUL-QC	SPL-21	WEI-21
			PUL-31
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	ME-ICP41	