



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: **HULSTEIN, ROGER**  
**106 WILSON DR.**  
**WHITEHORSE YT Y1A 5R2**

Page: 1  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 17-OCT-2016  
 This copy reported on  
 2-NOV-2016  
 Account: HULROG

**CERTIFICATE WH16163702**

Project: Nooc Claims

This report is for 5 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27-SEP-2016.

The following have access to data associated with this certificate:

DANIELE HEON ROGER HULSTEIN	ROGER HULSTEIN R. HULSTEIN	R. HULSTEIN
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
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
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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**ATTN: R. HULSTEIN**  
**106 WILSON DR.**  
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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 WH16163702**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	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 %	ME-ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
Q009320		1.02	<0.2	1.02	4	<10	220	<0.5	<2	1.00	0.5	6	10	10	2.47	<10
Q009321		1.67	<0.2	0.53	41	<10	60	0.5	<2	4.70	0.5	9	13	32	2.55	<10
Q009322		2.47	0.7	0.45	18	<10	40	<0.5	<2	0.15	<0.5	10	14	64	2.78	<10
Q009323		1.20	<0.2	0.39	19	<10	790	<0.5	<2	1.59	<0.5	3	12	14	1.30	<10
Q009324		1.66	<0.2	0.03	4	<10	10	<0.5	<2	>25.0	<0.5	<1	8	2	0.13	<10

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**CERTIFICATE OF ANALYSIS WH16163702**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
Q009320		<1	0.16	20	0.35	652	1	0.05	7	820	75	0.05	<2	6	49	<20
Q009321		<1	0.11	<10	1.67	626	<1	0.01	14	200	46	0.03	<2	5	385	<20
Q009322		1	0.09	<10	0.08	540	1	<0.01	13	530	23	0.01	5	10	14	<20
Q009323		<1	0.04	10	0.50	303	1	0.01	10	360	20	0.05	<2	2	94	<20
Q009324		<1	0.02	<10	0.10	119	<1	<0.01	1	170	9	<0.01	<2	1	311	<20

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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-ICP21
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Au ppm
		0.01	10	10	1	10	2	0.001
Q009320		0.03	<10	<10	45	<10	167	<0.001
Q009321		<0.01	<10	<10	36	<10	88	0.006
Q009322		<0.01	<10	<10	45	<10	67	0.373
Q009323		<0.01	<10	<10	13	<10	30	0.014
Q009324		<0.01	<10	<10	5	<10	15	0.001



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CERTIFICATE COMMENTS									
	<b>LABORATORY ADDRESSES</b>								
Applies to Method:	<p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table border="0"> <tr> <td>CRU-31</td> <td>CRU-QC</td> <td>LOG-22</td> <td>PUL-31</td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	PUL-31	PUL-QC	SPL-21	WEI-21	
CRU-31	CRU-QC	LOG-22	PUL-31						
PUL-QC	SPL-21	WEI-21							
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Au-ICP21	ME-ICP41								