



ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

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Finalized Date: 29-SEP-2019
Account: TRUGRO

CERTIFICATE WH19223426

Project: JPR

P.O. No.: 3020

This report is for 12 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2019.

The following have access to data associated with this certificate:

GREG DAWSON
ANDREW HAMILTON

ISAAC FAGE
BEN MCGRATH

JODIE GIBSON

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-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS WH19223426

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
1700813		2.38	<0.005	<0.2	0.92	4	<10	50	<0.5	<2	0.15	<0.5	4	6	5	1.90
1700814		2.85	0.007	<0.2	0.78	<2	<10	90	<0.5	<2	0.52	<0.5	4	4	3	1.97
1700815		4.17	<0.005	<0.2	0.58	3	<10	60	<0.5	<2	1.13	<0.5	5	5	2	1.70
1700816		4.72	0.159	0.4	0.39	4	<10	30	<0.5	<2	0.60	<0.5	3	4	1	1.43
1700817		4.38	0.469	0.8	0.19	9	<10	30	<0.5	<2	0.04	<0.5	2	6	5	1.19
1700818		5.01	1.380	1.2	0.19	16	<10	30	<0.5	<2	0.05	0.6	2	5	7	1.04
1700819		4.44	0.479	0.2	0.25	3	<10	30	<0.5	<2	0.67	1.0	3	5	3	1.43
1700820		0.33	0.005	0.2	0.02	<2	<10	10	<0.5	<2	>25.0	<0.5	<1	<1	1	0.06
1700821		4.60	0.991	0.5	0.23	11	<10	30	<0.5	<2	0.06	<0.5	3	6	4	1.25
1700822		4.36	0.173	0.2	0.37	6	<10	40	<0.5	<2	0.93	<0.5	3	5	4	1.56
1700823		4.49	0.009	<0.2	0.34	<2	<10	40	<0.5	<2	1.89	<0.5	2	5	1	1.18
1700824		0.68	0.139	0.4	0.30	6	<10	50	<0.5	<2	0.91	<0.5	3	5	15	1.27



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Sample Description	Method Analyte Units LOD	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
1700813		<10	<1	0.35	30	0.30	462	1	0.03	4	220	4	<0.01	<2	4
1700814		<10	<1	0.42	30	0.29	554	<1	0.02	1	260	5	0.01	<2	5
1700815		<10	<1	0.32	30	0.18	507	1	0.02	1	210	5	0.01	<2	3
1700816		<10	<1	0.18	20	0.08	309	1	0.01	2	160	7	0.03	<2	2
1700817		<10	<1	0.16	10	0.02	86	3	0.01	2	130	7	0.04	<2	1
1700818		<10	<1	0.14	10	0.02	126	2	0.01	<1	110	195	0.05	<2	1
1700819		<10	<1	0.14	20	0.04	237	1	0.01	1	160	7	0.01	<2	2
1700820		<10	<1	0.01	<10	0.65	87	<1	<0.01	<1	80	<2	<0.01	<2	<1
1700821		<10	<1	0.16	10	0.03	104	2	0.01	1	150	4	0.02	<2	1
1700822		<10	<1	0.19	20	0.06	369	2	0.01	1	180	5	<0.01	<2	2
1700823		<10	<1	0.17	30	0.04	518	1	0.01	2	170	2	<0.01	<2	1
1700824		<10	<1	0.18	20	0.04	399	2	0.01	2	220	12	<0.01	<2	1



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Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42
		Th	Ti	Tl	U	V	W	Zn	Te
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.01
1700813		<20	0.05	<10	<10	25	<10	34	<0.01
1700814		20	0.05	<10	<10	30	<10	36	<0.01
1700815		<20	0.03	<10	<10	17	<10	31	0.02
1700816		<20	0.01	<10	<10	11	<10	28	<0.01
1700817		<20	<0.01	<10	<10	3	<10	20	0.01
1700818		<20	<0.01	<10	<10	4	<10	30	0.04
1700819		<20	<0.01	<10	<10	9	<10	40	0.01
1700820		<20	<0.01	<10	10	<1	<10	<2	<0.01
1700821		<20	<0.01	<10	<10	4	<10	14	0.01
1700822		<20	0.01	<10	<10	6	<10	22	<0.01
1700823		<20	<0.01	<10	<10	6	<10	27	<0.01
1700824		<20	<0.01	<10	<10	6	<10	32	0.01



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
	BAG-01	CRU-31	CRU-QC
	PUL-32m	PUL-QC	SPL-21
			LOG-21
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-AA23	ME-ICP41	ME-MS42