



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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Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 7-NOV-2019
This copy reported on
21-NOV-2019
Account: TRUMPA

QC CERTIFICATE WH19251867

Project: Mariposa (MPA)
 P.O. No.: 3330
 This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-OCT-2019.
 The following have access to data associated with this certificate:
 GERRY CARLSON GREG DAWSON JEAN POUTLER

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
SPL-21	Split sample - riffle splitter
CRU-32	Fine Crushing 90% <2mm
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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QC CERTIFICATE OF ANALYSIS WH19251867

Method Analyte Units LOD	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
STANDARDS															
CDN-CM-34		3.7	2.38	103	<10	100	<0.5	5	1.31	1.1	41	177	5800	4.29	10
Target Range - Lower Bound		3.1	2.14	93	<10	70	<0.5	<2	1.20	<0.5	36	164	5390	3.91	<10
Upper Bound		4.3	2.64	118	30	140	1.4	8	1.49	2.0	46	202	6210	4.80	30
EMOG-17		67.2	1.56	579	<10	40	<0.5	7	0.94	19.2	750	47	8410	4.57	<10
Target Range - Lower Bound		60.1	1.45	520	<10	30	<0.5	<2	0.87	17.9	679	42	7780	4.18	<10
Upper Bound		73.9	1.79	640	20	80	1.5	10	1.09	22.9	833	54	8960	5.14	30
G313-5	7.06														
Target Range - Lower Bound	6.64														
Upper Bound	7.50														
MRGeo08		4.4	2.54	33	<10	430	0.7	2	1.02	2.3	19	89	611	3.49	10
Target Range - Lower Bound		3.8	2.44	27	<10	370	<0.5	<2	1.00	1.1	16	81	586	3.22	<10
Upper Bound		5.1	3.00	39	20	530	1.9	5	1.24	3.4	22	102	676	3.96	30
OREAS 501b		0.8	2.02	24	<10	380	<0.5	3	0.98	<0.5	16	87	2690	4.06	10
Target Range - Lower Bound															
Upper Bound															
OREAS 604		>100	0.76	1010	<10	10	<0.5	27	0.59	15.4	45	32	>10000	2.84	10
Target Range - Lower Bound		443		867		<10	<0.5	22	0.52	13.5	37		20100		<10
Upper Bound		100.0		1065		20	1.3	32	0.66	17.6	48		>10000		30
PMP-18	0.310														
Target Range - Lower Bound	0.285														
Upper Bound	0.331														
BLANKS															
BLANK	<0.005														
Target Range - Lower Bound	<0.005														
Upper Bound	0.010														
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Target Range - Lower Bound		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Upper Bound		0.4	0.02	4	20	20	1.0	4	0.02	1.0	2	2	2	0.02	20



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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	
		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
STANDARDS																
CDN-CM-34		<1	1.18	10	2.44	299	257	0.11	230	1130	24	2.91	5	9	104	<20
Target Range - Lower Bound		<1	1.06	<10	2.27	269	245	0.08	204	1050	18	2.70	<2	8	92	<20
Upper Bound		2	1.32	30	2.80	340	301	0.13	252	1310	28	3.32	9	13	115	40
EMOG-17		<1	0.64	20	0.77	647	1040	0.17	7770	760	7170	3.09	673	5	53	<20
Target Range - Lower Bound		<1	0.60	<10	0.69	598	970	0.15	6930	680	6500	2.90	572	3	47	<20
Upper Bound		3	0.76	40	0.87	742	1190	0.20	8470	850	7950	3.56	778	7	59	50
G313-5																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		<1	1.20	30	1.11	408	13	0.32	690	970	1045	0.29	4	7	78	20
Target Range - Lower Bound		<1	1.12	20	1.03	378	12	0.30	621	900	957	0.27	<2	5	71	<20
Upper Bound		2	1.40	60	1.29	473	17	0.39	761	1130	1175	0.35	8	10	89	60
OREAS 501b		<1	1.07	30	1.20	385	91	0.16	42	1030	9	0.36	2	7	64	20
Target Range - Lower Bound																
Upper Bound																
OREAS 604		1	0.16	10	0.10	227	6	0.05	672	230	694	4.11	123	1	38	<20
Target Range - Lower Bound		<1		<10			2		584		631		105	<1	33	<20
Upper Bound		3		30			6		716		775		147	2	42	40
PMP-18																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Target Range - Lower Bound		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Upper Bound		2	0.02	20	0.02	10	2	0.02	2	20	4	0.02	4	2	2	40



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		0.01	10	10	1	10	2	0.01
STANDARDS								
CDN-CM-34		0.18	<10	<10	101	10	170	0.59
Target Range - Lower Bound		0.15	<10	<10	95	<10	159	
Upper Bound		0.21	20	20	118	30	199	
EMOG-17		0.21	<10	<10	62	<10	7380	1.26
Target Range - Lower Bound		0.18	<10	<10	58	<10	6780	1.18
Upper Bound		0.25	20	20	74	20	8290	1.46
G313-5								
Target Range - Lower Bound								
Upper Bound								
MRGeo08		0.37	<10	<10	96	<10	748	0.02
Target Range - Lower Bound		0.33	<10	<10	90	<10	708	<0.01
Upper Bound		0.43	20	30	112	20	870	0.04
OREAS 501b		0.35	<10	<10	110	<10	78	0.08
Target Range - Lower Bound								0.05
Upper Bound								0.10
OREAS 604		0.01	10	<10	9	<10	2490	26.8
Target Range - Lower Bound		<0.01	<10	<10		<10		22.8
Upper Bound		0.03	30	20		20		27.8
PMP-18								
Target Range - Lower Bound								
Upper Bound								
BLANKS								
BLANK								
Target Range - Lower Bound								
Upper Bound								
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
Target Range - Lower Bound		<0.01	<10	<10	<1	<10	<2	<0.01
Upper Bound		0.02	20	20	2	20	4	0.02



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DUPLICATES																
ORIGINAL		<0.005														
DUP		0.006														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
ORIGINAL		0.028														
DUP		0.033														
Target Range - Lower Bound		0.024														
Upper Bound		0.037														
ORIGINAL			<0.2	0.27	13	<10	40	0.6	<2	0.07	<0.5	4	5	2	1.12	<10
DUP			<0.2	0.28	15	<10	40	0.6	<2	0.08	<0.5	4	5	2	1.16	<10
Target Range - Lower Bound			<0.2	0.25	11	<10	30	<0.5	<2	0.06	<0.5	3	4	<1	1.07	<10
Upper Bound			0.4	0.30	17	20	50	1.0	4	0.09	1.0	5	6	3	1.21	20
1813286		0.028														
DUP		0.032														
Target Range - Lower Bound		0.024														
Upper Bound		0.037														



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		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
ORIGINAL DUP Target Range - Lower Bound Upper Bound	DUPLICATES															
ORIGINAL DUP Target Range - Lower Bound Upper Bound																
ORIGINAL DUP Target Range - Lower Bound Upper Bound		<1 <1	0.21 0.22	20 30	0.06 0.07	643 660	2 2	0.03 0.03	3 2	130 140	11 11	0.36 0.37	<2 <2	1 1	4 4	20 20
		<1 2	0.19 0.24	<10 40	0.05 0.08	614 689	<1 3	0.02 0.04	<1 4	120 150	8 14	0.34 0.39	<2 4	<1 2	3 5	<20 40
1813286 DUP Target Range - Lower Bound Upper Bound																

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Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	ME-MS42 Te ppm
		0.01	10	10	1	10	2	0.01
ORIGINAL DUP Target Range - Lower Bound Upper Bound	DUPLICATES							
ORIGINAL DUP Target Range - Lower Bound Upper Bound								
ORIGINAL DUP Target Range - Lower Bound Upper Bound	<0.01 <0.01 <0.01 0.02	<10 <10 <10 20	<10 <10 <10 20	3 4 2 5	<10 <10 <10 20	22 24 20 26	0.02 0.01 <0.01 0.02	
1813286 DUP Target Range - Lower Bound Upper Bound								

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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-32	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