



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
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To: PACIFIC RIDGE EXPLORATION LTD.
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

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QC CERTIFICATE WH18202449

Project: RC PROJECT

This report is for 118 Soil samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2018.

The following have access to data associated with this certificate:

GERRY CARLSON		
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

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

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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QC CERTIFICATE OF ANALYSIS WH18202449

Sample Description	Method Analyte Units LOD	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 %	ME-ICP41 Ga ppm
		0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
STANDARDS																
AMISO486		0.218														
AMISO486		0.227														
Target Range - Lower Bound																
Upper Bound																
CDN-CM-34			3.9	2.53	109	<10	110	<0.5	5	1.43	1.0	42	187	5890	4.51	10
CDN-CM-34			3.9	2.52	109	<10	70	<0.5	4	1.41	1.1	44	182	6040	4.70	10
CDN-CM-34			3.7	2.56	107	10	100	<0.5	5	1.42	1.2	42	184	6130	4.63	10
CDN-CM-34			3.6	2.51	104	<10	100	<0.5	7	1.40	1.2	41	185	6040	4.50	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
CDN-GS-P6A		0.731														
CDN-GS-P6A		0.799														
Target Range - Lower Bound		0.693														
Upper Bound		0.783														
EMOG-17			68.6	1.61	597	<10	40	<0.5	7	1.01	20.2	776	48	8410	4.73	<10
EMOG-17			68.6	1.66	611	<10	30	<0.5	6	1.00	19.9	774	47	8760	4.96	<10
EMOG-17			66.4	1.54	582	<10	50	<0.5	7	0.93	19.3	737	45	8380	4.59	<10
EMOG-17			65.2	1.53	570	<10	50	<0.5	7	0.93	19.1	748	45	8380	4.52	<10
Target Range - Lower Bound			59.3	1.45	503	<10	30	<0.5	<2	0.87	17.9	679	42	7780	4.18	<10
Upper Bound			72.9	1.79	619	20	80	1.5	10	1.09	22.9	833	54	8960	5.14	30
G913-10		7.06														
G913-10		7.24														
Target Range - Lower Bound		6.66														
Upper Bound		7.52														
GPP-14		0.937														
GPP-14		0.922														
Target Range - Lower Bound		0.853														
Upper Bound		0.965														
JK-17		1.950														
JK-17		1.975														
Target Range - Lower Bound		1.875														
Upper Bound		2.12														



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Method Analyte Units LOD	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm
Sample Description	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
STANDARDS															
AMISO486															
AMISO486															
Target Range - Lower Bound															
Upper Bound															
CDN-CM-34	1	1.25	10	2.64	313	284	0.11	231	1180	22	3.18	3	10	107	<20
CDN-CM-34	<1	1.29	10	2.63	309	282	0.11	240	1220	20	3.10	3	10	106	<20
CDN-CM-34	1	1.25	10	2.60	311	285	0.11	241	1210	20	3.19	6	10	105	<20
CDN-CM-34	<1	1.22	10	2.66	315	290	0.11	240	1190	23	3.15	<2	10	106	<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
CDN-GS-P6A															
CDN-GS-P6A															
Target Range - Lower Bound															
Upper Bound															
EMOG-17	1	0.68	20	0.81	655	1110	0.17	7820	780	7380	3.32	714	5	56	<20
EMOG-17	<1	0.72	20	0.81	658	1100	0.18	8090	810	7240	3.23	676	5	55	<20
EMOG-17	<1	0.66	20	0.76	629	1065	0.16	7650	760	7090	3.19	688	4	51	<20
EMOG-17	1	0.63	20	0.77	641	1085	0.16	7740	750	7250	3.13	702	4	51	<20
Target Range - Lower Bound	<1	0.60	<10	0.73	598	1015	0.15	6930	680	6500	2.90	572	3	47	<20
Upper Bound	3	0.76	40	0.91	742	1245	0.20	8470	850	7950	3.56	778	7	59	50
G913-10															
G913-10															
Target Range - Lower Bound															
Upper Bound															
GPP-14															
GPP-14															
Target Range - Lower Bound															
Upper Bound															
JK-17															
JK-17															
Target Range - Lower Bound															
Upper Bound															



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Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
		0.01	10	10	1	10	2
STANDARDS							
AMIS0486							
AMIS0486							
Target Range - Lower Bound							
Upper Bound							
CDN-CM-34		0.19	<10	<10	109	10	179
CDN-CM-34		0.18	<10	<10	106	10	179
CDN-CM-34		0.19	<10	<10	107	<10	184
CDN-CM-34		0.19	<10	<10	108	10	185
Target Range - Lower Bound		0.15	<10	<10	95	<10	159
Upper Bound		0.21	20	20	118	30	199
CDN-GS-P6A							
CDN-GS-P6A							
Target Range - Lower Bound							
Upper Bound							
EMOG-17		0.22	<10	<10	66	<10	7440
EMOG-17		0.21	<10	<10	66	<10	7320
EMOG-17		0.21	<10	<10	62	<10	7300
EMOG-17		0.21	<10	<10	63	<10	7360
Target Range - Lower Bound		0.18	<10	<10	58	<10	6780
Upper Bound		0.25	20	20	74	20	8290
G913-10							
G913-10							
Target Range - Lower Bound							
Upper Bound							
GPP-14							
GPP-14							
Target Range - Lower Bound							
Upper Bound							
JK-17							
JK-17							
Target Range - Lower Bound							
Upper Bound							



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Method Analyte Units LOD	Au-ICP21	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	
Sample Description	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	
	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	
STANDARDS																
MGeo08		4.5	2.75	36	<10	450	0.8	3	1.09	2.1	20	90	626	3.77	10	
MGeo08		4.4	2.61	33	<10	440	0.7	<2	1.10	2.2	19	90	599	3.63	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 503c	0.707															
OREAS 503c	0.709															
Target Range - Lower Bound	0.655															
Upper Bound	0.741															
OREAS 602		>100	0.65	700	<10	30	<0.5	62	0.55	26.7	10	30	5410	2.17	10	
OREAS 602		>100	0.61	650	<10	30	<0.5	57	0.52	24.4	9	31	4850	1.96	<10	
Target Range - Lower Bound		106.0	0.57	577	<10	<10	<0.5	50	0.46	22.2	7	26	4810	1.94	<10	
Upper Bound		100.0	0.71	709	20	50	1.3	66	0.59	28.2	12	34	5530	2.40	30	
PK2	4.92															
PK2	5.01															
Target Range - Lower Bound	4.50															
Upper Bound	5.07															
WCM-PG135	0.647															
Target Range - Lower Bound	0.607															
Upper Bound	0.687															
BLANKS																
BLANK	0.001															
BLANK	<0.001															
BLANK	<0.001															
BLANK	<0.001															
Target Range - Lower Bound	<0.001															
Upper Bound	0.002															
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	
BLANK		<0.2	<0.01	<2	10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	
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 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
STANDARDS																
MRGeo08		<1	1.33	30	1.17	404	14	0.35	722	1100	1090	0.33	2	7	85	20
MRGeo08		<1	1.25	30	1.14	409	14	0.32	673	1030	1055	0.31	3	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 503c																
OREAS 503c																
Target Range - Lower Bound																
Upper Bound																
OREAS 602		<1	0.09	10	0.11	216	4	0.02	64	260	901	2.23	56	1	50	<20
OREAS 602		<1	0.09	10	0.10	201	4	0.02	57	230	790	1.97	54	1	48	<20
Target Range - Lower Bound		<1	0.07	<10	0.08	193	2	<0.01	54	210	768	1.81	51	<1	44	<20
Upper Bound		3	0.12	30	0.13	247	7	0.05	68	280	944	2.23	73	3	56	40
PK2																
PK2																
Target Range - Lower Bound																
Upper Bound																
WCM-PG135																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
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		<1	<0.01	<10	<0.01	<5	<1	<0.01	1	<10	<2	<0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
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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Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.01	10	10	1	10	2
STANDARDS							
MGeo08		0.38	<10	<10	102	<10	767
MGeo08		0.39	<10	<10	101	<10	761
Target Range - Lower Bound		0.33	<10	<10	90	<10	708
Upper Bound		0.43	20	30	112	20	870
OREAS 503c							
OREAS 503c							
Target Range - Lower Bound							
Upper Bound							
OREAS 602		0.01	<10	<10	11	<10	4250
OREAS 602		0.01	<10	<10	10	10	3860
Target Range - Lower Bound		<0.01	<10	<10	8	<10	3680
Upper Bound		0.03	20	20	14	20	4500
PK2							
PK2							
Target Range - Lower Bound							
Upper Bound							
WCM-PG135							
Target Range - Lower Bound							
Upper Bound							
BLANKS							
BLANK							
BLANK							
BLANK							
BLANK							
Target Range - Lower Bound							
Upper Bound							
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
Target Range - Lower Bound		<0.01	<10	<10	<1	<10	<2
Upper Bound		0.02	20	20	2	20	4

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Sample Description	Method Analyte Units LOD	Au-ICP21	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	
		Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
DUPLICATES																
ORIGINAL			1.3	1.04	35	<10	30	<0.5	<2	0.04	1.9	1	4	105	1.44	<10
DUP			1.4	1.09	37	<10	30	<0.5	<2	0.04	1.9	1	4	106	1.46	<10
Target Range - Lower Bound			1.1	1.00	32	<10	20	<0.5	<2	0.03	1.3	<1	3	101	1.37	<10
Upper Bound			1.6	1.13	40	20	40	1.0	4	0.05	2.5	2	5	110	1.53	20
ORIGINAL		<0.001														
DUP		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL			<0.2	1.49	8	<10	40	<0.5	<2	0.22	0.7	4	5	45	3.78	<10
DUP			<0.2	1.58	9	<10	40	<0.5	<2	0.23	0.8	2	4	50	3.97	<10
Target Range - Lower Bound			<0.2	1.45	6	<10	30	<0.5	<2	0.20	<0.5	2	3	45	3.67	<10
Upper Bound			0.4	1.62	11	20	50	1.0	4	0.25	1.0	4	6	50	4.08	20
ORIGINAL		0.041														
DUP		0.042														
Target Range - Lower Bound		0.038														
Upper Bound		0.045														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
W425062		0.003														
DUP		0.003														
Target Range - Lower Bound		0.002														
Upper Bound		0.004														
W425068			0.4	1.65	44	10	60	0.6	<2	0.05	<0.5	17	32	45	5.25	10
DUP			0.4	1.74	50	<10	60	0.6	<2	0.06	<0.5	18	33	47	5.48	10
Target Range - Lower Bound			<0.2	1.60	43	<10	50	<0.5	<2	0.04	<0.5	16	30	43	5.09	<10
Upper Bound			0.6	1.79	51	20	70	1.0	4	0.07	1.0	19	35	49	5.64	20



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Sample Description	Method Analyte Units LOD	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
DUPLICATES																
ORIGINAL		1	0.14	<10	1.15	115	29	<0.01	4	370	402	0.27	<2	1	2	<20
DUP		<1	0.14	<10	1.19	118	29	<0.01	3	370	404	0.27	<2	1	3	<20
Target Range - Lower Bound		<1	0.12	<10	1.10	106	27	<0.01	2	340	381	0.25	<2	<1	<1	<20
Upper Bound		2	0.16	20	1.24	127	31	0.02	5	400	425	0.29	4	2	4	40
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		<1	0.18	30	1.03	624	1	<0.01	3	690	5	2.32	<2	2	4	<20
DUP		<1	0.18	30	1.09	655	1	0.01	2	720	11	2.43	<2	2	4	<20
Target Range - Lower Bound		<1	0.16	20	1.00	603	<1	<0.01	<1	660	6	2.25	<2	<1	3	<20
Upper Bound		2	0.20	40	1.12	676	2	0.02	4	750	10	2.50	4	3	5	40
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
W425062																
DUP																
Target Range - Lower Bound																
Upper Bound																
W425068		<1	0.11	20	0.50	485	4	<0.01	38	820	16	0.07	5	2	10	<20
DUP		<1	0.12	20	0.52	505	5	<0.01	40	860	17	0.07	2	2	10	<20
Target Range - Lower Bound		<1	0.10	<10	0.47	465	3	<0.01	36	790	14	0.06	<2	<1	9	<20
Upper Bound		2	0.13	30	0.55	525	6	0.02	42	890	19	0.08	4	3	12	40

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Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 TI ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
		0.01	10	10	1	10	2
DUPLICATES							
ORIGINAL		<0.01	<10	<10	7	<10	252
DUP		<0.01	<10	<10	8	<10	254
Target Range - Lower Bound		<0.01	<10	<10	6	<10	238
Upper Bound		0.02	20	20	9	20	268
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
ORIGINAL		0.05	<10	<10	2	<10	272
DUP		0.05	<10	<10	3	<10	269
Target Range - Lower Bound		0.04	<10	<10	<1	<10	255
Upper Bound		0.06	20	20	4	20	286
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
W425062							
DUP							
Target Range - Lower Bound							
Upper Bound							
W425068		0.04	<10	<10	43	10	75
DUP		0.04	<10	<10	44	10	77
Target Range - Lower Bound		0.03	<10	<10	40	<10	70
Upper Bound		0.05	20	20	47	20	82

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Sample Description	Method Analyte Units LOD	Au-ICP21	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	
		Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
DUPLICATES																
W425082		0.007														
DUP		0.025														
Target Range - Lower Bound		0.014														
Upper Bound		0.018														
W425096			4.6	1.88	94	<10	80	0.7	<2	0.10	<0.5	34	33	68	6.04	10
DUP			4.0	1.87	95	<10	80	0.7	<2	0.10	<0.5	34	33	69	6.12	10
Target Range - Lower Bound			3.9	1.77	88	<10	60	<0.5	<2	0.09	<0.5	31	30	65	5.77	<10
Upper Bound			4.7	1.98	101	20	100	1.0	4	0.12	1.0	37	36	72	6.39	20
W425102		0.058														
DUP		0.065														
Target Range - Lower Bound		0.057														
Upper Bound		0.066														
W425172			0.2	0.98	18	<10	50	<0.5	<2	0.06	<0.5	8	22	31	3.26	<10
DUP			0.3	0.99	21	<10	50	<0.5	<2	0.07	<0.5	8	22	31	3.27	<10
Target Range - Lower Bound			<0.2	0.93	17	<10	40	<0.5	<2	0.05	<0.5	7	20	29	3.09	<10
Upper Bound			0.4	1.04	22	20	60	1.0	4	0.08	1.0	9	24	33	3.44	20
W425179		0.006														
DUP		0.002														
Target Range - Lower Bound		0.003														
Upper Bound		0.005														
W425199		0.051														
DUP		0.043														
Target Range - Lower Bound		0.044														
Upper Bound		0.050														
W425208			1.8	1.35	89	<10	100	1.0	<2	0.29	1.1	15	22	42	4.03	<10
DUP			1.8	1.39	91	<10	100	1.0	3	0.30	1.1	15	22	44	4.12	<10
Target Range - Lower Bound			1.5	1.29	84	<10	80	<0.5	<2	0.27	<0.5	13	20	40	3.86	<10
Upper Bound			2.1	1.45	97	20	120	1.6	4	0.32	1.7	17	24	46	4.29	20
ORIGINAL		<0.001														
DUP		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														



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Sample Description	Method Analyte Units LOD	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
DUPLICATES																
W425082 DUP Target Range - Lower Bound Upper Bound																
W425096 DUP Target Range - Lower Bound Upper Bound		1 1 <1 2	0.16 0.16 0.14 0.18	30 20 <10 40	0.56 0.57 0.53 0.60	919 921 869 971	2 2 <1 3	0.01 0.01 <0.01 0.02	51 50 47 54	1200 1220 1140 1280	82 92 81 93	0.11 0.11 0.09 0.13	4 3 <2 4	3 3 2 4	23 23 21 25	<20 <20 <20 40
W425102 DUP Target Range - Lower Bound Upper Bound																
W425172 DUP Target Range - Lower Bound Upper Bound		<1 <1 <1 2	0.05 0.05 0.04 0.06	10 10 <10 20	0.28 0.28 0.26 0.30	237 242 223 256	1 1 <1 2	<0.01 <0.01 <0.01 0.02	19 19 17 21	570 580 540 610	15 15 12 18	0.04 0.04 0.03 0.05	<2 <2 <2 4	1 1 <1 2	9 9 8 10	<20 <20 <20 40
W425179 DUP Target Range - Lower Bound Upper Bound																
W425199 DUP Target Range - Lower Bound Upper Bound																
W425208 DUP Target Range - Lower Bound Upper Bound		<1 <1 <1 2	0.12 0.13 0.11 0.14	30 30 20 40	0.35 0.36 0.33 0.38	959 996 924 1030	1 1 <1 2	<0.01 <0.01 <0.01 0.02	38 39 36 41	750 780 720 810	72 72 66 78	0.07 0.08 0.06 0.09	<2 <2 <2 4	2 2 <1 3	21 21 19 23	<20 <20 <20 40
ORIGINAL 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
		0.01	10	10	1	10	2
DUPLICATES							
W425082 DUP Target Range - Lower Bound Upper Bound							
W425096 DUP Target Range - Lower Bound Upper Bound		0.05 0.05 0.04 0.06	<10 <10 <10 20	<10 <10 <10 20	46 46 43 49	<10 <10 <10 20	142 143 133 152
W425102 DUP Target Range - Lower Bound Upper Bound							
W425172 DUP Target Range - Lower Bound Upper Bound		0.04 0.04 0.03 0.05	<10 <10 <10 20	<10 <10 <10 20	35 36 33 38	<10 <10 <10 20	59 59 54 64
W425179 DUP Target Range - Lower Bound Upper Bound							
W425199 DUP Target Range - Lower Bound Upper Bound							
W425208 DUP Target Range - Lower Bound Upper Bound		0.03 0.03 0.02 0.04	<10 <10 <10 20	<10 <10 <10 20	24 25 22 27	<10 <10 <10 20	183 188 174 197
ORIGINAL 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.
LOG-21 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-ICP41