



ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: 1
Total # Pages: 6 (A - D)
Plus Appendix Pages
Finalized Date: 7-NOV-2017
This copy reported on
23-OCT-2018
Account: COUDES

WH17219132

Project: Yukon 2017

P.O. No.: CDB2017-2

This report is for 170 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-OCT-2017.

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-22	Sample login - Rcd w/o BarCode
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-MS41L	Super Trace Lowest DL AR by 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:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17219132

Sample Description	Method Analyte Units LOD	WEI-21 Recvd WL. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.001	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.01	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.01	ME-MS41L Bi ppm 0.001	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.001	ME-MS41L Ce ppm 0.003	ME-MS41L Co ppm 0.001	ME-MS41L Cr ppm 0.01
TOP154		0.30	0.001	0.0010	0.125	1.21	4.98	<10	250	0.27	0.222	0.13	0.229	31.7	4.26	16.45
TOP159		0.28	0.013	0.0014	0.149	1.32	6.10	<10	171.5	0.30	0.285	0.10	0.174	29.8	4.64	17.40
TOP160		0.30	0.002	0.0007	0.151	1.24	7.19	<10	190.0	0.26	0.263	0.10	0.210	32.0	3.67	17.30
TOP161		0.27	<0.001	0.0009	0.177	1.20	6.22	<10	311	0.29	0.294	0.12	0.210	36.5	5.64	15.85



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Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.005	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001
TOP154		0.480	12.65	1.650	3.65	0.047	0.005	0.078	0.019	0.05	15.20	9.4	0.29	89.4	0.64	0.011
TOP159		0.470	15.10	1.860	4.04	0.054	0.006	0.055	0.018	0.06	16.75	10.1	0.30	118.5	0.86	0.011
TOP160		0.523	14.70	2.04	4.01	0.051	0.003	0.051	0.020	0.06	16.25	9.0	0.27	96.2	0.80	0.011
TOP161		0.415	14.55	1.880	3.71	0.055	0.010	0.041	0.022	0.06	17.60	8.8	0.28	243	0.95	0.011



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		Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.002	0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005
TOP154		0.640	10.60	0.048	18.90	<0.001	<0.002	9.12	<0.001	0.04	0.349	1.810	0.3	0.38	14.30	<0.005
TOP159		0.680	10.20	0.044	20.2	<0.001	<0.002	9.60	0.001	0.03	0.580	1.840	0.3	0.43	11.30	<0.005
TOP160		0.582	9.75	0.053	17.35	<0.001	<0.002	9.91	<0.001	0.04	0.339	1.390	0.5	0.36	11.40	<0.005
TOP161		0.729	10.50	0.042	15.50	<0.001	0.002	9.01	<0.001	0.04	0.376	2.05	0.3	0.37	14.00	<0.005



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Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
TOP154		0.02	1.290	0.028	0.079	1.045	29.7	0.626	6.35	50.6	0.25
TOP159		0.02	2.00	0.031	0.086	1.240	31.9	0.166	6.07	55.2	0.32
TOP160		0.02	0.729	0.030	0.085	1.165	34.4	0.144	6.15	46.4	0.18
TOP161		0.02	2.83	0.033	0.071	1.250	32.0	0.250	7.10	44.5	0.41



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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41L