



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

To: **802213 ALBERTA LTD.**
301 MOUNT ROYAL PLACE
NANAIMO BC V9R 6A4

Page: 1
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 12- DEC- 2018
Account: 802ALB

CERTIFICATE VA18302638

Project: Send-out to ALSE

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 16- NOV- 2018.

The following have access to data associated with this certificate:

KELLY FUNK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis
SND- 01	Send samples to external laboratory


ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
OA- SFE01	Shake Flask Analysis at ALSE

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

M+S
SHAKE + FLASK
ANALYSIS
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Sample Description	Method Analyte Units LOD	OA- SFE01 Ag mg/L	OA- SFE01 Al mg/L	OA- SFE01 As mg/L	OA- SFE01 B mg/L	OA- SFE01 Ba mg/L	OA- SFE01 Be mg/L	OA- SFE01 Bi mg/L	OA- SFE01 Ca mg/L	OA- SFE01 Cd mg/L	OA- SFE01 Co mg/L	OA- SFE01 Cr mg/L	OA- SFE01 Cu mg/L	OA- SFE01 Fe mg/L	OA- SFE01 Hg mg/L	OA- SFE01 K mg/L
M&J ORE		0.00085	3.270	0.011	0.16	0.054	<0.0005	<0.0005	1.9	<0.00005	0.0020	0.0108	0.021	6.93	<0.00005	2.31
M&J WASTE ROCK		<0.00005	0.221	0.002	<0.01	0.017	<0.0005	<0.0005	6.5	<0.00005	<0.0001	0.0010	0.001	0.75	<0.00005	2.32

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CERTIFICATE OF ANALYSIS VA18302638

Sample Description	Method Analyte Units LOD	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	OA- SFE01	
		Li mg/L	Mg mg/L	Mn mg/L	Mo mg/L	Moisture %	Na mg/L	Ni mg/L	Pb mg/L	P mg/L	Sb mg/L	Se mg/L	Si mg/L	Sn mg/L	Sr mg/L	Ti mg/L
		0.005	0.05	0.0005	0.0001	0.3	0.05	0.0005	0.0001	0.3	0.0001	0.0005	0.05	0.0005	0.0005	0.01
M&J ORE		<0.005	1.16	0.0476	0.0016	<0.3	1.81	0.0054	0.0086	<0.3	0.0005	<0.0005	11.90	<0.0005	0.0105	0.13
M&J WASTE ROCK		<0.005	1.22	0.0059	0.0064	<0.3	1.39	<0.0005	0.0002	<0.3	0.0002	<0.0005	4.26	<0.0005	0.0261	0.03

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CERTIFICATE OF ANALYSIS VA18302638

Sample Description	Method Analyte Units LOD	OA- SFE01 TI ppm 0.0001	OA- SFE01 U mg/L 0.00001	OA- SFE01 V mg/L 0.001	OA- SFE01 Zn mg/L 0.01	OA- SFE01 Final pH Unity 0.1
M&J ORE		<0.0001	0.00012	0.016	0.01	7.2
M&J WASTE ROCK		<0.0001	0.00007	0.004	<0.01	8.1

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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND- 02 SND- 01
Applies to Method:	Processed at ALSE Vancouver, Burnaby, BC, Canada. OA- SFE01

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