



Australian Laboratory Services Pty. Ltd.

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Plus Appendix Pages  
Finalized Date: 10-AUG-2018  
This copy reported on 2-OCT-2018  
Account: LOTTAH

## CERTIFICATE BU18188227

Project: Moina Gold

This report is for 7 Crushed Rock samples submitted to our lab in Burnie, TAS, Australia on 3-AUG-2018.

The following have access to data associated with this certificate:

LOTTAH LABWORK  
GEOFF SOMMERS

GRANT MACDONALD

ANDREW RAE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
BAG-01	Bulk Master for Storage
CRU-21	Crush entire sample >70% -6 mm
PUL-31b	Pulv. Lg split to >80% -75um
PUL-QC	Pulverizing QC Test

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid 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:

Ricky Gelston, Laboratory Manager, Burnie



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**CERTIFICATE OF ANALYSIS BU18188227**

Sample Description	Method Analyte Units LOD	WEI-21	PUL-QC	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62
		Recvd Wt.	Pass75um	Au	Ag	As	Cu	Pb	Zn	Ba	Zn
		kg	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.01	0.01	0.5	5	1	2	2	10	0.001
MTCH1		4.12		0.60	5.2	329	116	782	2020	380	
MTCH2		5.92		1.27	13.0	375	295	3130	7680	380	
MTCH3		2.20		1.05	12.8	498	265	2380	6850	240	
MTCH4		3.14		2.03	24.2	501	522	4690	>10000	170	1.455
MTCH5		19.80	88.2	1.84	23.4	268	587	4680	>10000	550	1.740
MTCH6		24.20		1.09	15.2	549	292	2850	5680	520	
MTCH7		23.90		0.52	4.9	347	125	939	1830	630	



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	CERTIFICATE COMMENTS
	<p style="text-align: center;"><b>ACCREDITATION COMMENTS</b></p> <p>NATA Accreditation covers the performance of this service but does not cover the performance of ALS Brisbane Sample Preparation. Corporate Accreditation No:825, Corporate Site No:818. Technical Signatory is Samantha Profke,ICPAES Supervising Chemist</p>
Applies to Method:	ME-ICP61 ME-OG62 Zn-OG62
	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 116 Delta Street, Geebung, QLD 4034, Australia</p>
Applies to Method:	ME-ICP61 ME-OG62 Zn-OG62
Applies to Method:	Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.
	Au-AA25 BAG-01 CRU-21 LEV-01 PUL-31b PUL-QC WEI-21