



Australian Laboratory Services Pty. Ltd.

32 Shand Street  
Stafford  
Brisbane QLD 4053  
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
www.alsglobal.com/geochemistry

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Plus Appendix Pages  
Finalized Date: 8-JAN-2018  
Account: ROCMINTAS

## QC CERTIFICATE BU17277908

Project: Elementos

This report is for 71 Drill Core samples submitted to our lab in Burnie, TAS, Australia on 15-DEC-2017.

The following have access to data associated with this certificate:

CHRIS CREAGH

JIE YU

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
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-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES
ME-XRF15d	Sulphide BM Conc. by XRF	XRF
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: ROCKWELL MINERALS (TASMANIA)  
ATTN: CHRIS CREAGH  
PO BOX 10555  
ADELAIDE ST  
BRISBANE QLD 4000

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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QC CERTIFICATE OF ANALYSIS BU17277908

Sample Description	Method Analyte Units LOR	ME-XRF15d	Au-AA25	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Sn	Au	Cu	Pb	Zn	As	W	Co	Sn	Ag
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	5	10	10	10	50	5	50	1
STANDARDS											
GBM306-12				14550	26000	19950	<10				4
Target Range - Lower Bound				14150	25200	19150	<10				3
Upper Bound				15650	29000	22100	30				7
GBM398-1				15150	27200	20800	<10	<50	16	<50	5
Target Range - Lower Bound				14100	24800	18850	<10	<50	14	<50	3
Upper Bound				15550	28600	21700	30	130	34	100	7
JK-17			2.06								
Target Range - Lower Bound			1.87								
Upper Bound			2.13								
LEA-16			0.47								
Target Range - Lower Bound			0.46								
Upper Bound			0.54								
NCSDC35002		62.2									
NCSDC35002		62.6									
Target Range - Lower Bound		59.4									
Upper Bound		65.6									
OGGeo08				8600	7260	7350	110				20
OGGeo08				8270	7200	7070	110	<50	92	<50	20
Target Range - Lower Bound				7970	6720	6700	100	<50	85	<50	18
Upper Bound				8810	7760	7740	140	100	109	110	23
OREAS 216			6.65								
Target Range - Lower Bound			6.25								
Upper Bound			7.07								
OREAS 228			8.69								
Target Range - Lower Bound			8.20								
Upper Bound			9.26								
OREAS 622		0.01									
OREAS 622		0.01									
Target Range - Lower Bound		<0.01									
Upper Bound		0.02									



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**QC CERTIFICATE OF ANALYSIS BU17277908**

Sample Description	Method Analyte Units LOR	ME-XRF15d Sn %	Au-AA25 Au ppm	ME-ICP41a Cu ppm	ME-ICP41a Pb ppm	ME-ICP41a Zn ppm	ME-ICP41a As ppm	ME-ICP41a W ppm	ME-ICP41a Co ppm	ME-ICP41a Sn ppm	ME-ICP41a Ag ppm
		0.01	0.01	5	10	10	10	50	5	50	1
<b>BLANKS</b>											
BLANK			<0.01								
BLANK			<0.01								
Target Range - Lower Bound			<0.01								
Upper Bound			0.02								
BLANK				<5	10	<10	<10				<1
BLANK				<5	10	<10	<10	<50	<5	<50	<1
Target Range - Lower Bound				<5	<10	<10	<10	<50	<5	<50	<1
Upper Bound				10	20	20	20	100	10	100	2
BLANK		<0.01									
BLANK		<0.01									
Target Range - Lower Bound		<0.01									
Upper Bound		0.02									
<b>DUPLICATES</b>											
130118		0.01									
DUP		0.01									
Target Range - Lower Bound		<0.01									
Upper Bound		0.02									
130138		<0.01									
DUP		0.01									
Target Range - Lower Bound		<0.01									
Upper Bound		0.02									
130157		0.01									
DUP		0.01									
Target Range - Lower Bound		<0.01									
Upper Bound		0.02									
130165				4480	20	210	50	<50	76	190	6
DUP				4530	40	210	50	<50	78	200	6
Target Range - Lower Bound				4390	20	190	40	<50	69	140	5
Upper Bound				4620	40	230	60	100	85	250	7





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	CERTIFICATE COMMENTS
	<b>LABORATORY ADDRESSES</b>
Applies to Method:	Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. NATA Accreditation does not cover the performance of ALS Brisbane Sample Preparation which is processed at 116 Delta Street, Geebung, QLD 4034, Australia ME-ICP41a
Applies to Method:	Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia. Au-AA25                      CRU-21                      LEV-01                      LOG-22 ME-XRF15d                      PUL-31b                      PUL-QC                      WEI-21