



Australian Laboratory Services Pty. Ltd.
32 Shand Street
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www.alsglobal.com/geochemistry

To: TINONE RESOURCES AUSTRALIA PTY LTD
31 BENNETTS ROAD
CAMP HILL QLD 4152

Page: 1
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 11-MAY-2023
This copy reported on 15-MAY-2023
Account: TINONEAUS

CERTIFICATE AD23105048

Project: Aberfoyle

This report is for 42 samples of Rock submitted to our lab in Burnie, TAS, Australia on 20-APR-2023.

The following have access to data associated with this certificate:

TINONE_QUEST EARTHSQL

RUSSELL FULTON

STUART SMITH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
BAG-21	Raw Sample in a new bag
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-21	Crush entire sample
PUL-23	Pulv Sample - Split/Retain
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61	48 element four acid 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:

Devin Borstel, Operations Manager



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CERTIFICATE OF ANALYSIS AD23105048

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	PUL-QC Pass7Sum % 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
GM10437		1.79		0.03	7.72	3.1	80	5.45	3.07	<0.01	0.13	11.85	0.4	6	70.6	3.5

***** See Appendix Page for comments regarding this certificate *****



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GM10437		3.1	930	<0.002	<0.01	0.08	8.9	<1	293	7.1	7.27	<0.05	14.35	0.017	4.94	3.7



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CERTIFICATE OF ANALYSIS AD23105048

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOD	1	0.1	0.1	2	0.5

GM10437	1	14.9	6.0	133	37.9
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		Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GM10438		2.29	97.0	0.03	7.50	26.5	460	5.85	0.93	0.04	<0.02	72.4	4.5	76	45.2	4.0
GM10439		0.69		0.65	13.00	16.4	30	10.05	3.81	0.05	<0.02	10.85	0.6	5	154.0	62.7



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		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
GM10438		2.71	19.65	0.08	2.9	0.441	2.25	36.3	150.5	0.77	314	1.32	0.30	14.9	19.6
GM10439		3.70	112.0	0.08	1.7	10.40	6.99	3.7	789	0.04	1550	0.61	0.16	22.7	0.7
															10
															120
															260



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		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GM10438		10.5	293	<0.002	<0.01	0.14	13.4	<1	92.4	46.4	1.08	<0.05	17.50	0.387	2.13	2.1
GM10439		9.9	2140	<0.002	<0.01	0.15	4.1	<1	410	8.4	4.43	<0.05	11.10	0.039	13.30	52.6



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
GM10438		85	10.4	11.0	103	94.6
GM10439		1	25.3	6.7	311	34.3



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CERTIFICATE OF ANALYSIS AD23105048

	CERTIFICATE COMMENTS
	ANALYTICAL COMMENTS
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Adelaide located at Unit 1, 1 Burma Road, Pooraka, Adelaide, SA, Australia. BAG-01 BAG-21 CRU-21 LEV-01 LOG-22 LOG-24 PUL-23 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Geochemistry located at 50 Baile Road, Canning Vale, Western Australia, Australia ME-MS61