



Australian Laboratory Services Pty. Ltd.

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No: 825, Corporate Site No: 818.

To: VENTURE MINERALS LIMITED

LEVEL3

24 OUTRAM STREET

WEST PERTH WA 6005

Page: 1

Total # Pages: 2 (A – E)

Plus Appendix Pages

Finalized Date: 27-APR-2023

Account: VENMIN

## QC CERTIFICATE AD23071814

Project: Mt Lindsay

P.O. No.: VMS371

This report is for 13 samples of Drill Core submitted to our lab in Burnie, TAS, Australia on 20-MAR-2023.

The following have access to data associated with this certificate:

ALEXANDRA LINTNER  
RITWIK NAITHANI

ANGELIQUE MARTIN  
STUART OWEN

SERGI MASCLANS

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
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:

Shaun Kenny, Brisbane Laboratory Manager



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Page: 2 - A  
Total # Pages: 2 (A - E)  
Plus Appendix Pages  
Finalized Date: 27-APR-2023  
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## QC CERTIFICATE OF ANALYSIS AD23071814

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
		0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
STANDARDS															
EMOG-17		67.4	4.56	577	430	1.7	7	1.86	19.6	737	53	8080	4.74	10	1.64
Target Range - Lower Bound		60.4	4.18	517	310	0.7	<2	1.72	17.7	685	49	7740	4.42	<10	1.49
Upper Bound		75.0	5.13	643	440	2.9	10	2.12	22.7	839	62	8910	5.42	30	1.85
OREAS 120															
Target Range - Lower Bound															
Upper Bound															
OREAS 922		0.7	7.17	8	460	2.3	14	0.47	<0.5	19	77	2150	5.51	20	2.56
Target Range - Lower Bound		<0.5	6.59	<5	390	1.3	6	0.42	<0.5	17	67	1970	4.97	<10	2.28
Upper Bound		1.9	8.07	17	550	3.5	15	0.53	1.3	23	84	2270	6.09	40	2.80
OREAS-100a															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Target Range - Lower Bound		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Upper Bound		1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	20	0.02
BLANK															
Target Range - Lower Bound															
Upper Bound															
DUPLICATES															
CR001		<0.5	6.36	18	150	3.0	2	0.63	<0.5	1	4	1	1.28	20	4.31
DUP		<0.5	6.40	12	150	3.0	<2	0.62	<0.5	1	3	1	1.29	20	4.29
Target Range - Lower Bound		<0.5	6.05	9	130	2.4	<2	0.58	<0.5	<1	2	<1	1.21	<10	4.08
Upper Bound		1.0	6.71	21	170	3.7	4	0.67	1.0	2	5	2	1.36	30	4.53
CR010															
DUP															
Target Range - Lower Bound															
Upper Bound															



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Page: 2 - B  
Total # Pages: 2 (A - E)  
Plus Appendix Pages  
Finalized Date: 27-APR-2023  
Account: VENMIN

## QC CERTIFICATE OF ANALYSIS AD23071814

Sample Description	Method Analyte Units LOD	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni % 0.0001	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
STANDARDS																
EMOG-17		30	0.91	708	1055	1.08	0.748	790	7020	3.08	762	8	202	<20	0.31	<10
Target Range - Lower Bound		<10	0.86	670	996	0.99	0.682	700	6570	2.91	638	6	184	<20	0.28	<10
Upper Bound		50	1.08	830	1220	1.23	0.833	880	8030	3.57	874	10	227	50	0.36	20
OREAS 120																
Target Range - Lower Bound																
Upper Bound																
OREAS 922		30	1.50	815	1	0.44	0.0038	670	60	0.36	<5	12	58	20	0.42	<10
Target Range - Lower Bound		<10	1.41	742	<1	0.39	0.0033	580	51	0.34	<5	10	51	<20	0.37	<10
Upper Bound		50	1.75	918	3	0.50	0.0043	740	67	0.43	11	16	65	60	0.48	20
OREAS-100a																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<10	<0.01	<5	<1	<0.01	<0.0001	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
Target Range - Lower Bound		<10	<0.01	<5	<1	<0.01	<0.0001	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
Upper Bound		20	0.02	10	2	0.02	0.0002	20	4	0.02	10	2	2	40	0.02	20
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
CR001		40	0.08	179	2	2.15	<0.0001	110	19	0.01	<5	4	31	20	0.07	<10
DUP		40	0.08	181	2	2.14	<0.0001	110	18	0.01	<5	4	30	20	0.07	<10
Target Range - Lower Bound		30	0.07	166	<1	2.03	<0.0001	90	16	<0.01	<5	3	28	<20	0.06	<10
Upper Bound		50	0.09	194	3	2.26	0.0002	130	21	0.02	10	5	33	40	0.08	20
CR010																
DUP																
Target Range - Lower Bound																
Upper Bound																



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Project: Mt Lindsay

Page: 2 - C  
Total # Pages: 2 (A - E)  
Plus Appendix Pages  
Finalized Date: 27-APR-2023  
Account: VENMIN

## QC CERTIFICATE OF ANALYSIS AD23071814

Sample Description	Method Analyte Units LOD	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn % 0.0002	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 5	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.02	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.05	ME-MS81 Ho ppm 0.01
STANDARDS																
EMOG-17		<10	72	<10	0.720											
Target Range - Lower Bound		<10	67	<10	0.680											
Upper Bound		20	84	20	0.832											
OREAS 120						1010	45.9	45	0.83	2.52	1.48	1.06	10.9	3.01	6.77	0.49
Target Range - Lower Bound						875	41.6	35	0.65	2.11	1.24	0.91	9.5	2.69	5.32	0.42
Upper Bound						1070	51.0	59	0.81	2.69	1.58	1.15	11.9	3.39	6.62	0.54
OREAS 922		<10	91	<10	0.0279											
Target Range - Lower Bound		<10	81	<10	0.0238											
Upper Bound		20	101	20	0.0296											
OREAS-100a						445	501	50	2.78	22.7	15.30	3.43	20.5	20.1	13.90	4.40
Target Range - Lower Bound						388	417	28	2.51	20.8	13.40	3.32	17.3	21.2	13.20	4.32
Upper Bound						475	509	52	3.09	25.6	16.40	4.10	21.3	26.0	16.20	5.30
BLANKS																
BLANK		<10	<1	<10	<0.0002											
Target Range - Lower Bound		<10	<1	<10	<0.0002											
Upper Bound		20	2	20	0.0004											
BLANK		<0.5	<0.1	<5	<0.01	<0.05	<0.03	<0.02	<0.1	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.01
Target Range - Lower Bound		<0.5	<0.1	<5	<0.01	<0.05	<0.03	<0.02	<0.1	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.01
Upper Bound		1.0	0.2	10	0.02	0.10	0.06	0.04	0.2	0.10	0.10	0.02	0.10	0.10	0.02	0.02
DUPLICATES																
CR001		10	5	<10	0.0015											
DUP		10	5	<10	0.0016											
Target Range - Lower Bound		<10	4	<10	0.0013											
Upper Bound		20	6	20	0.0018											
CR010						151.5	75.0	<5	6.73	17.70	11.75	0.24	19.0	11.25	4.98	3.60
DUP						162.0	82.7	<5	6.27	18.20	11.70	0.27	18.0	12.15	4.41	3.46
Target Range - Lower Bound						148.5	74.8	<5	6.17	17.00	11.10	0.22	17.5	11.05	4.41	3.34
Upper Bound						165.0	82.9	10	6.84	18.90	12.35	0.29	19.5	12.35	4.98	3.72



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Project: Mt Lindsay

Page: 2 - D

Total # Pages: 2 (A - E)

Plus Appendix Pages

Finalized Date: 27-APR-2023

Account: VENMIN

## QC CERTIFICATE OF ANALYSIS AD23071814

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		La	Lu	Nb	Nd	Pr	Rb	Sc	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.1	0.01	0.05	0.1	0.02	0.2	0.5	0.03	0.5	0.1	0.1	0.01	0.05	0.01	0.01
STANDARDS																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
OREAS 120		21.5	0.19	8.25	20.3	5.13	89.8	3.1	3.93	0.8	134.0	0.7	0.44	5.32	0.27	0.20
Target Range – Lower Bound		18.9	0.18	7.24	17.1	4.49	78.1		3.34	<0.5	114.0	0.4	0.39	4.86	0.21	0.17
Upper Bound		23.3	0.24	8.96	21.1	5.53	95.9		4.14	2.1	140.0	0.8	0.49	6.05	0.28	0.23
OREAS 922																
Target Range – Lower Bound																
Upper Bound																
OREAS-100a		279	2.08	46.4	161.5	47.6	268	7.5	25.1	9.7	37.7	3.2	3.32	50.0	0.27	2.06
Target Range – Lower Bound		234	2.02	39.6	136.5	42.4	235		21.2	7.9	31.9	3.2	3.41	46.4	0.21	2.07
Upper Bound		286	2.50	48.6	167.5	51.8	288		26.0	10.9	39.2	4.2	4.19	56.8	0.27	2.55
BLANKS																
BLANK																
Target Range – Lower Bound																
Upper Bound																
BLANK		<0.1	<0.01	<0.05	<0.1	<0.02	<0.2	<0.5	<0.03	<0.5	0.1	<0.1	<0.01	<0.05	<0.01	<0.01
Target Range – Lower Bound		<0.1	<0.01	<0.05	<0.1	<0.02	<0.2		<0.03	<0.5	<0.1	<0.1	<0.01	<0.05	<0.01	<0.01
Upper Bound		0.2	0.02	0.10	0.2	0.04	0.4		0.06	1.0	0.2	0.2	0.02	0.10	0.02	0.02
DUPLICATES																
CR001																
DUP																
Target Range – Lower Bound																
Upper Bound																
CR010		31.2	1.46	14.15	32.4	8.58	306	5.1	9.10	2.5	26.0	2.2	2.23	22.2	0.07	1.63
DUP		35.0	1.42	14.35	37.4	9.62	328	5.9	10.65	2.3	25.9	2.2	2.40	24.4	0.07	1.64
Target Range – Lower Bound		31.3	1.36	13.50	33.1	8.63	301	4.7	9.35	1.8	24.6	2.0	2.19	22.1	0.06	1.54
Upper Bound		34.9	1.52	15.00	36.7	9.58	333	6.3	10.40	3.0	27.3	2.4	2.44	24.5	0.08	1.73



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Page: 2 – E  
Total # Pages: 2 (A – E)  
Plus Appendix Pages  
Finalized Date: 27-APR-2023  
Account: VENMIN

## QC CERTIFICATE OF ANALYSIS AD23071814

Sample Description	Method Analyte Units LOD	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 0.5	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 1	ME-ICP61 Sn ppm 10
STANDARDS								
EMOG-17								<10
Target Range – Lower Bound								<10
Upper Bound								20
OREAS 120		38.6	26	0.5	13.0	1.31	267	
Target Range – Lower Bound		36.7	12	<0.5	10.9	1.18	229	
Upper Bound		44.9	34	2.1	13.5	1.50	282	
OREAS 922								10
Target Range – Lower Bound								<10
Upper Bound								30
OREAS-100a		134.0	42	9.0	149.0	14.10	590	
Target Range – Lower Bound		121.5	25	9.3	127.5	13.40	511	
Upper Bound		148.5	49	12.5	156.5	16.40	626	
BLANKS								
BLANK								<10
Target Range – Lower Bound								<10
Upper Bound								20
BLANK		<0.05	<5	<0.5	<0.1	<0.03	<1	
Target Range – Lower Bound		<0.05	<5	<0.5	<0.1	<0.03	<1	
Upper Bound		0.10	10	1.0	0.2	0.06	2	
DUPLICATES								
CR001								<10
DUP								<10
Target Range – Lower Bound								<10
Upper Bound								20
CR010		15.35	5	1.2	107.0	10.45	105	
DUP		13.10	8	1.3	108.0	10.35	98	
Target Range – Lower Bound		13.45	<5	0.7	102.0	9.85	95	
Upper Bound		15.00	10	1.8	113.0	10.95	108	



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Page: Appendix 1

Total # Appendix Pages: 1

Finalized Date: 27-APR-2023

Account: VENMIN

**QC CERTIFICATE OF ANALYSIS AD23071814**

**CERTIFICATE COMMENTS**

**ACCREDITATION COMMENTS**

Applies to Method:

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: Christopher Snowdon, ICPAES Reporting Chemist  
ME-ICP61

**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 Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 23 Pineapple Street, Zillmere, QLD, 4034, Australia

ME-ICP61

ME-MS81