



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

ALS Perth is a NATA Accredited Testing Laboratory. Corporate Accreditation
No: 825, Corporate Site No: 23001.

To: **VENTURE MINERALS LIMITED**
LEVEL3
24 OUTRAM STREET
WEST PERTH WA 6005

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Plus Appendix Pages
Finalized Date: 3-AUG-2022
Account: VENMIN

CERTIFICATE PH22156792

Project: PERRINVALE SOUTH

P.O. No.: VMSPER003R

This report is for 11 samples of Rock submitted to our lab in Perth, WA, Australia on
13-JUN-2022.

The following have access to data associated with this certificate:

ALEX COLWELL
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
SND-ALS	Send samples to internal laboratory
CRU-31	Fine crushing – 70% <2mm
SPL-22Y	Split Sample – Boyd Rotary Splitter
CRU-QC	Crushing QC Test
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login – Rcd w/o Barcode
BAG-01	Bulk Master for Storage
CRU-21	Crush entire sample
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
F-ELE81a	F by Specific Ion Electrode	TITRATOR
ME-MS85	Lithium Borate Fusion – Select Elements	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:

Cameron Brosnan, Laboratory Manager, Perth



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CERTIFICATE OF ANALYSIS PH22156792

Sample Description	Method Analyte Units LOD	WEI-21	PUL-QC	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85
		Recvd Wt.	Pass7Sum	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
		kg	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.01	0.5	0.1	5	0.01	0.05	0.03	0.02	0.1	0.05	0.05	0.01	0.1	0.01
LPPV009		0.10		426	7.8	62	3.50	0.31	0.16	<0.02	37.0	0.27	2.54	0.05	4.2	0.04
LPPV012		0.09		683	18.4	14	2.93	0.90	0.62	0.38	17.5	1.06	2.50	0.20	12.0	0.12
LPPV015		0.25		772	47.4	17	13.55	1.76	0.98	0.48	18.8	2.28	2.90	0.34	28.3	0.20
LPPV016D		0.25		27.9	24.2	10	7.50	6.16	4.34	0.09	27.0	4.91	1.49	1.27	15.4	0.89
ALAW001		1.12	99.0	480	50.6	<5	1.22	14.70	14.75	1.16	34.6	8.80	14.25	3.87	21.5	2.68
ALAW002		0.71		369	8.0	404	3.45	2.77	1.76	0.55	15.0	2.55	1.54	0.61	3.2	0.26
ALAW003		0.80		286	12.4	143	1.84	4.49	3.46	0.81	17.8	3.68	1.87	1.12	5.8	0.56
ALAW004		0.92		507	35.2	<5	5.13	12.25	9.58	1.75	23.9	9.02	6.12	2.94	15.5	1.56
ALAW005		0.65		436	22.7	5	2.80	7.05	5.26	1.68	19.4	5.68	2.78	1.72	10.8	0.83
ALAW006		0.33		884	50.2	5	8.96	11.05	10.35	1.47	32.3	7.58	11.55	2.84	23.4	2.20
ALAW006S		0.07														



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Sample Description	Method Analyte Units LOD	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85	ME-MS85
		Nb	Nd	Pr	Rb	Sc	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tm	U	V
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.05	5
LPPV009		122.0	2.2	0.97	270	10.6	0.33	8.3	8.5	30.7	0.05	8.45	0.02	0.03	0.65	7
LPPV012		6.80	8.0	2.15	165.5	4.7	1.12	1.2	98.2	1.2	0.16	12.20	0.07	0.12	3.40	13
LPPV015		8.91	17.4	5.11	200	2.7	2.69	2.0	182.5	1.8	0.31	16.50	0.08	0.19	2.95	8
LPPV016D		61.2	10.8	3.08	440	8.1	3.60	11.9	6.3	19.3	0.93	7.17	0.02	0.77	5.72	6
ALAW001		64.9	21.6	5.40	123.0	1.7	6.56	8.6	33.5	4.6	1.84	9.91	0.17	2.42	2.47	<5
ALAW002		2.59	5.7	1.18	38.5	48.5	1.87	1.3	157.0	0.3	0.42	0.43	0.42	0.28	0.14	254
ALAW003		8.01	8.1	1.70	29.5	58.6	2.54	0.9	155.5	0.6	0.71	0.92	1.22	0.59	0.28	236
ALAW004		26.1	20.1	4.47	70.0	17.2	5.81	3.6	111.0	1.8	1.73	4.56	0.88	1.55	1.14	61
ALAW005		12.75	13.4	2.83	37.8	28.0	3.89	1.9	230	1.0	1.06	1.82	1.20	0.84	0.47	42
ALAW006		48.0	23.9	5.70	108.5	1.9	6.53	6.7	51.4	3.1	1.52	8.28	0.19	1.84	2.17	6
ALAW006S																



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CERTIFICATE OF ANALYSIS PH22156792

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
		Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
		%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
LPPV009		0.01	10	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5
LPPV012															
LPPV015															
LPPV016D															
ALAW001		3.98	30	3.66	20	40	0.16	367	2	4.28	3	140	9	0.01	<5
ALAW002		7.05	10	0.81	<10	40	5.48	1615	<1	1.45	138	230	3	0.01	<5
ALAW003		8.89	20	0.77	10	30	3.25	1625	1	2.20	34	360	4	0.07	<5
ALAW004		8.47	20	2.05	20	10	0.81	1500	1	3.95	2	930	5	0.15	<5
ALAW005		7.72	20	1.12	10	20	1.08	1485	1	4.13	5	690	2	0.14	<5
ALAW006		4.56	30	3.79	20	<10	0.11	996	1	4.75	3	150	8	0.01	<5
ALAW006S		8.15	20	2.24	20	20	2.93	1180	8	1.66	2300	1870	20	1.18	<5



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		Sr	Th	Ti	Tl	U	V	W	Zn	Au	Pt	Pd	F	Pass2mm
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
LPPV009		1	20	0.01	10	10	1	10	2	0.001	0.005	0.001	20	0.01
LPPV012													250	91.9
LPPV015													70	
LPPV016D													140	
ALAW001		30	<20	0.16	<10	<10	1	<10	189	0.002	<0.005	<0.001	290	
ALAW002		165	<20	0.38	<10	<10	227	<10	78	0.004	0.015	0.011		
ALAW003		161	<20	1.07	<10	<10	203	<10	144	<0.001	0.005	<0.001		
ALAW004		119	<20	0.85	<10	<10	57	<10	149	<0.001	<0.005	0.001		
ALAW005		235	<20	1.05	<10	<10	30	<10	113	0.001	<0.005	0.001		
ALAW006		53	<20	0.19	<10	<10	4	<10	99	0.001	<0.005	0.001		
ALAW006S		554	<20	0.68	<10	<10	314	<10	131	0.229	0.210	0.135		



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CERTIFICATE COMMENTS

ACCREDITATION COMMENTS

Applies to Method:

NATA Accreditation covers the performance of this service but does not cover the performance of ALS Perth Sample Preparation. Corporate Accreditation No: 825, Corporate Site No: 23001. The Technical Signatory is Wendy Wong, Senior QC Chemist
ME-ICP61

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Perth located at 31 Denninup Way, Malaga, Australia. Processed at ALS Perth Sample Preparation at 79 Distinction Road, Wangara, WA, Australia

BAG-01	CRU-21	CRU-31	CRU-QC
LEV-01	LOG-22	LOG-24	ME-ICP61
ME-MS85	PGM-ICP24	PUL-32	PUL-QC
SND-ALS	SPL-22Y	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
F-ELE81a