



Australian Laboratory Services Pty. Ltd.

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www.alsglobal.com

ALS Brisbane is a NATA Accredited Testing Laboratory. Corporate
Accreditation No: 825, Corporate Site No: 818.

CERTIFICATE BU17075872

Project: Kingfisher 18-4-17

This report is for 32 Rock Chip samples submitted to our lab in Burnie, TAS, Australia on 21-APR-2017.

The following have access to data associated with this certificate:

SEAN WESTBROOK

KENT WIGHTON

To: KINGFISHER EXPLORATION PTY LTD
ATTN: SEAN WESTBROOK
15 RICHARDS AVE
DODGES FERRY TAS 7173

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 *****

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Plus Appendix Pages

Finalized Date: 11-MAY-2017

This copy reported on 12-MAY-2017

Account: KINEXP

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
LEV-01	Waste Disposal Levy
CRU-21	Crush entire sample >70% -6 mm
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS62s	Up to 54 elements by ICP-MS	ICP-MS
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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CERTIFICATE OF ANALYSIS BU17075872

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA26	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	PUL-QC	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Ag	As	Bi	Cu	Li	Pb	Sb	Sn	Te	W	As	Li
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Pass75um %	ppm	ppm
		0.02	0.01	0.02	0.2	0.01	0.2	0.2	0.5	0.05	0.2	0.05	0.1	0.01	10
GA001		3.94	0.02	0.06	29.2	0.25	18.3	28.6	15.6	0.80	2.3	<0.05	1.2		
GA002		2.78	<0.01	0.04	33.2	0.08	5.5	12.6	10.5	0.50	8.3	<0.05	0.5		
GR091		2.26	0.44	0.44	>500	12.30	157.0	2.5	7.5	13.05	10.5	0.67	9.8	13050	
GR118		2.42	0.01	0.06	5.9	0.06	3.6	5.0	6.6	1.30	1.0	<0.05	1.0		
GR119		2.42	0.01	0.09	47.5	0.04	1.9	8.0	14.5	0.95	0.8	<0.05	1.2		
GR120		4.42	0.01	0.08	80.1	0.07	2.1	7.5	17.1	1.14	0.8	<0.05	1.3		
GR121		3.41	0.23	0.11	342	0.11	2.8	9.0	24.2	1.40	1.4	<0.05	2.7		
GR122		3.18	0.51	0.05	>500	0.12	2.7	6.4	22.0	1.90	1.3	<0.05	1.8	572	
GR123		2.31	0.04	0.09	>500	0.13	3.8	5.5	27.0	4.13	1.0	<0.05	2.2	3010	
GR124		2.62	0.01	0.03	10.0	0.03	2.5	2.1	5.1	0.71	0.4	<0.05	0.6		
GR125		4.45	0.01	0.03	64.9	0.03	1.6	2.3	11.3	0.82	0.3	<0.05	0.5		
GR126		2.78	0.02	0.07	>500	0.21	2.4	7.1	16.3	5.06	1.3	<0.05	2.6	493	
GR127		3.04	0.01	0.06	22.0	0.04	2.5	1.4	5.3	1.00	0.2	<0.05	0.2		
GR128		3.31	0.06	0.14	41.9	0.19	1.6	5.5	16.7	1.85	1.2	<0.05	1.2		
GR129		3.72	0.02	0.07	250	0.31	1.9	7.8	9.7	2.15	3.4	<0.05	3.4		
GR130		3.62	0.01	0.08	231	0.08	2.7	4.0	10.8	0.84	1.3	<0.05	1.9		
GR131		2.40	0.02	0.08	32.9	0.11	2.1	6.1	6.3	1.56	2.0	<0.05	2.8		
GR132		1.66	0.04	0.11	158.5	0.40	4.4	3.6	8.7	1.32	3.5	<0.05	2.3		
GR133		2.89	2.84	1.23	>500	20.6	253	1.7	45.3	66.9	1.9	1.70	1.4	57100	
GR134		2.96	0.26	0.28	>500	2.35	95.6	1.6	27.9	12.40	2.0	0.30	1.2	99.4	7060
GR135		1.79	0.01	0.03	15.4	6.65	6.7	300	5.1	0.11	185.5	<0.05	7.0		
GR136		2.13	0.02	0.06	418	8.57	7.1	128.0	8.7	0.62	112.5	<0.05	4.4		
GR137		2.47	<0.01	0.10	22.1	4.47	9.9	312	5.3	0.16	186.0	<0.05	10.8		
GR138		2.19	<0.01	1.00	2.1	3.81	5.2	>500	9.3	0.25	210	<0.05	12.7		450
GR139		2.64	<0.01	0.76	9.0	3.32	4.4	>500	9.7	0.20	256	<0.05	14.9		520
GR140		2.30	<0.01	3.54	2.9	4.38	13.3	197.0	51.8	1.17	51.9	<0.05	2.9		
GR141		2.04	<0.01	0.36	24.7	21.4	33.0	305	9.1	1.43	106.0	<0.05	8.2		
GR142		2.25	0.01	0.09	6.4	3.53	12.9	134.5	33.8	0.44	41.9	<0.05	5.3		
GR143		1.93	<0.01	0.09	5.0	5.57	16.0	279	6.1	0.55	339	<0.05	29.4		
GR144		2.34	<0.01	0.09	6.0	5.48	42.2	400	9.2	0.49	406	<0.05	29.0		
GR145		2.54	0.01	0.09	6.5	1.25	39.3	328	7.8	0.42	345	<0.05	23.5		
GR146		1.61	<0.01	<0.02	1.7	0.32	1.7	2.3	3.3	0.24	12.0	<0.05	0.4		



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	CERTIFICATE COMMENTS			
	ACCREDITATION COMMENTS			
Applies to Method:	NATA Accredited. Corporate Accreditation No: 825, Corporate Site No: 818. The Technical Signatory is David Jones, ICPMS Supervising Chemist. ME-MS62s			
Applies to Method:	NATA Accredited. Corporate Accreditation No: 825, Corporate Site No: 818. The Technical Signatory is Samantha Profke, ICPAES Supervising Chemist ME-ICP61			
	LABORATORY ADDRESSES			
Applies to Method:	Processed at ALS Townsville located at 14-15 Desma Court, Bohle, Townsville, QLD, Australia. Au-AA26			
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-ICP61 ME-MS62s			
Applies to Method:	Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.			
	BAG-01	CRU-21	LEV-01	PUL-32
	PUL-QC	SPL-21	WEI-21	