



Australian Laboratory Services Pty. Ltd.

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

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

CERTIFICATE BU17189356

Project: Kingfisher Exploration

This report is for 30 Rock Chip samples submitted to our lab in Burnie, TAS, Australia on 6-SEP-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: 20-SEP-2017

This copy reported on 21-SEP-2017

Account: KINEXP

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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CERTIFICATE OF ANALYSIS BU17189356

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PUL-QC Pass75um %	Au-AA26 Au ppm	ME-MS62s Ag ppm	ME-MS62s As ppm	ME-MS62s Ba ppm	ME-MS62s Be ppm	ME-MS62s Bi ppm	ME-MS62s Cd ppm	ME-MS62s Ce ppm	ME-MS62s Co ppm	ME-MS62s Cs ppm	ME-MS62s Cu ppm	ME-MS62s Ga ppm	ME-MS62s Ge ppm
		0.02	0.01	0.01	0.02	0.2	10	0.05	0.01	0.02	0.01	0.1	0.05	0.2	0.05	0.05
GR320		3.19		0.02												
GR321		2.22		0.02												
GR322		4.94		0.03												
GR323		3.57		0.40												
GR324		2.63		0.08												
GR325		3.73		0.01												
GR326		3.23		0.01												
GR327		2.17		<0.01												
GR328		2.31		2.68												
GR329		2.89		0.14												
GR330		3.77		0.05												
GR331		3.99		0.05												
GR332		3.43		0.14												
GR333		3.18		0.44												
GR334		2.89		0.12												
GR335		3.91		0.06												
GR336		3.44		0.04												
GR337		2.44		<0.01												
GR338		3.10		0.01												
GR339		3.52	98.1	0.01												
GR340		3.86		0.01												
GR341		2.41		0.01												
GR342		2.64		0.08												
GR343		2.36		3.37												
GR344		2.19		<0.01	0.06	30.5	140	3.18	2.66	<0.02	1.80	0.6	31.5	2.7	20.3	0.06
GR345		2.82		<0.01	0.08	23.3	170	6.45	4.01	<0.02	5.75	0.5	68.6	23.5	48.9	0.08
GR346		2.12		0.01	0.05	222	70	3.15	1.57	<0.02	5.22	0.5	40.8	2.3	19.30	0.06
GR347		2.90		<0.01	0.09	6.5	240	5.82	4.93	<0.02	6.10	0.6	62.3	6.8	38.4	0.07
GR348		1.83		<0.01	0.12	5.5	20	1.34	11.65	<0.02	8.22	0.4	7.13	2.8	6.71	0.06
GR349		2.89		<0.01	0.07	13.4	160	2.76	0.46	<0.02	1.62	0.5	19.85	2.8	18.05	<0.05



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Sample Description	Method Analyte Units LOR	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Hf	In	La	Li	Mo	Nb	Ni	Pb	Rb	Re	Sb	Sc	Se	Sn	Sr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.005	0.5	0.2	0.05	0.1	0.2	0.5	0.1	0.002	0.05	1	0.5	0.2	0.2
GR320																
GR321																
GR322																
GR323																
GR324																
GR325																
GR326																
GR327																
GR328																
GR329																
GR330																
GR331																
GR332																
GR333																
GR334																
GR335																
GR336																
GR337																
GR338																
GR339																
GR340																
GR341																
GR342																
GR343																
GR344		0.2	1.705	0.9	185.5	1.15	8.4	1.9	7.3	426	<0.002	0.19	2	<0.5	349	3.1
GR345		0.4	1.925	2.5	258	0.33	11.0	1.0	4.8	>500	<0.002	0.37	4	<0.5	196.5	4.2
GR346		1.3	0.613	3.5	247	0.63	13.0	1.4	3.0	>500	<0.002	0.33	6	<0.5	89.5	2.6
GR347		0.2	2.42	6.7	318	1.02	12.2	2.3	5.5	>500	<0.002	0.17	3	<0.5	193.0	6.1
GR348		0.9	0.159	2.8	65.2	1.67	14.3	1.2	6.6	119.5	<0.002	0.18	4	<0.5	29.5	3.0
GR349		0.2	0.820	0.7	140.0	0.48	5.8	1.3	1.3	281	<0.002	0.09	3	<0.5	57.4	3.6

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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

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-MS62s

Applies to Method:

Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.
BAG-01 CRU-21
PUL-QC SPL-21

LEV-01
WEI-21

PUL-32