



Australian Laboratory Services Pty. Ltd.

32 Shand Street
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www.alsglobal.com

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

QC 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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Sample Description	Method Analyte Units LOR	Au-AA26 Au ppm 0.01	ME-MS62s Ag ppm 0.02	ME-MS62s As ppm 0.2	ME-MS62s Bi ppm 0.01	ME-MS62s Cu ppm 0.2	ME-MS62s Li ppm 0.2	ME-MS62s Pb ppm 0.5	ME-MS62s Sb ppm 0.05	ME-MS62s Sn ppm 0.2	ME-MS62s Te ppm 0.05	ME-MS62s W ppm 0.1	ME-ICP61 As ppm 5	ME-ICP61 Li ppm 10
STANDARDS														
GBM908-10													55	10
Target Range - Lower Bound													44	<10
Upper Bound													70	30
GBM908-10		2.83	55.3	1.13	>500	11.1	>500	1.66	3.5	0.05	3.2			
Target Range - Lower Bound		2.68	51.1	1.12	3270	9.8	1860	1.40	2.7	<0.05	2.9			
Upper Bound		3.32	62.9	1.39	>500	12.4	>500	2.01	3.9	0.16	4.1			
LEA-16	0.52													
Target Range - Lower Bound	0.46													
Upper Bound	0.54													
MRGeo08													38	30
Target Range - Lower Bound													21	<10
Upper Bound													45	50
MRGeo08		4.15	32.0	0.66	>500	34.0	>500	4.60	4.3	0.05	4.9			
Target Range - Lower Bound		3.99	29.5	0.60	568	29.5	971	3.89	3.5	<0.05	4.1			
Upper Bound		4.93	36.5	0.76	>500	36.5	>500	5.39	4.7	0.14	5.8			
OGGeo08													115	30
Target Range - Lower Bound													102	<10
Upper Bound													136	50
OGGeo08		18.45	113.0	9.77	>500	33.9	>500	27.3	13.9	0.21	4.5			
Target Range - Lower Bound		18.15	107.0	9.44	7550	29.7	6520	23.6	12.5	0.09	3.9			
Upper Bound		22.2	131.0	11.55	>500	36.7	>500	32.0	15.7	0.31	5.4			
OREAS 215	3.61													
Target Range - Lower Bound	3.32													
Upper Bound	3.76													
OREAS-45e													19	10
Target Range - Lower Bound													<5	<10
Upper Bound													27	30
OREAS-45e		0.39	15.2	0.26	>500	5.8	16.3	0.98	1.3	0.19	1.1			
Target Range - Lower Bound		0.26	14.5	0.24	702	5.7	15.9	0.80	0.9	0.07	0.8			
Upper Bound		0.37	18.1	0.32	>500	7.4	20.5	1.20	1.8	0.28	1.4			
OxP116	14.85													
Target Range - Lower Bound	14.00													
Upper Bound	15.85													
SL76	6.07													
Target Range - Lower Bound	5.59													
Upper Bound	6.33													



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BLANKS														
BLANK		<0.01												
BLANK		<0.01												
Target Range - Lower Bound		<0.01												
Upper Bound		0.02												
BLANK													<5	<10
BLANK													<5	<10
Target Range - Lower Bound													<5	<10
Upper Bound													10	20
BLANK		<0.02	<0.2	<0.01	<0.2	<0.2	<0.5	<0.05	<0.2	<0.05	<0.1			
BLANK		<0.02	<0.2	<0.01	<0.2	<0.2	<0.5	<0.05	<0.2	<0.05	<0.1			
Target Range - Lower Bound		<0.02	<0.2	<0.01	<0.2	<0.2	<0.5	<0.05	<0.2	<0.05	<0.1			
Upper Bound		0.04	0.4	0.02	0.4	0.4	1.0	0.10	0.4	0.10	0.2			
DUPLICATES														
ORIGINAL		0.61												
DUP		0.58												
Target Range - Lower Bound		0.56												
Upper Bound		0.63												
ORIGINAL		<0.01												
DUP		<0.01												
Target Range - Lower Bound		<0.01												
Upper Bound		0.02												
ORIGINAL		<0.01												
DUP		<0.01												
Target Range - Lower Bound		<0.01												
Upper Bound		0.02												
GR123		0.04												
DUP		0.02												
Target Range - Lower Bound		0.02												
Upper Bound		0.04												



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DUPLICATES														
GR124			0.03	10.0	0.03	2.5	2.1	5.1	0.71	0.4	<0.05	0.6		
DUP			0.04	10.6	0.04	2.4	2.3	5.1	0.71	0.5	<0.05	0.6		
Target Range - Lower Bound			<0.02	9.6	0.02	2.1	1.9	4.3	0.61	<0.2	<0.05	0.5		
Upper Bound			0.04	11.0	0.05	2.8	2.5	5.9	0.81	0.7	0.10	0.7		
GR140			3.54	2.9	4.38	13.3	197.0	51.8	1.17	51.9	<0.05	2.9		
DUP			3.55	2.9	4.49	12.6	196.0	50.5	1.15	49.6	<0.05	2.8		
Target Range - Lower Bound			3.35	2.6	4.20	12.1	186.5	48.1	1.02	48.0	<0.05	2.5		
Upper Bound			3.74	3.2	4.67	13.8	207	54.2	1.30	53.5	0.10	3.2		
GR143			<0.01											
DUP			<0.01											
Target Range - Lower Bound			<0.01											
Upper Bound			0.02											
ORIGINAL			<0.01											
DUP			<0.01											
Target Range - Lower Bound			<0.01											
Upper Bound			0.02											



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