



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

QC CERTIFICATE BR18037480

Project: 2018.02.12_ALS_GS_TASMETJV

This report is for 115 Soil samples submitted to our lab in Burnie, TAS, Australia on
20-FEB-2018.

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: 8-MAR-2018

This copy reported on 11-APR-2018

Account: KINEXP

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
TRA-21	Transfer sample
LOG-22	Sample login - Rcd w/o BarCode
CRU-21	Crush entire sample >70% -6 mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS62s	Up to 54 elements by ICP-MS	ICP-MS

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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QC CERTIFICATE OF ANALYSIS BR18037480

Sample Description	Method Analyte Units LOR	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		As	Bi	Sb	Te
		ppm	ppm	ppm	ppm
		0.2	0.01	0.05	0.05
STANDARDS					
GBM908-10		59.9	1.08	1.80	0.06
GBM908-10		54.7	1.06	1.75	0.07
Target Range - Lower Bound		50.2	1.12	1.40	<0.05
Upper Bound		61.8	1.39	2.01	0.16
MRGeo08		36.1	0.71	4.72	<0.05
MRGeo08		33.9	0.70	4.69	<0.05
Target Range - Lower Bound		29.5	0.60	3.89	<0.05
Upper Bound		36.5	0.76	5.39	0.14
OGGeo08		123.5	10.50	28.8	0.19
OGGeo08		119.5	10.50	27.7	0.18
Target Range - Lower Bound		107.0	9.44	23.6	0.09
Upper Bound		131.0	11.55	32.0	0.31
OREAS-45e		13.8	0.29	1.19	0.17
OREAS-45e		12.5	0.27	1.10	0.16
Target Range - Lower Bound		14.5	0.24	0.80	0.07
Upper Bound		18.1	0.32	1.20	0.28
BLANKS					
BLANK		<0.2	<0.01	<0.05	<0.05
BLANK		<0.2	<0.01	<0.05	<0.05
BLANK		<0.2	<0.01	<0.05	<0.05
BLANK		<0.2	<0.01	<0.05	<0.05
Target Range - Lower Bound		<0.2	<0.01	<0.05	<0.05
Upper Bound		0.4	0.02	0.10	0.10
DUPLICATES					
GS1151		20.4	0.12	0.22	<0.05
DUP		20.8	0.12	0.22	<0.05
Target Range - Lower Bound		19.4	0.10	0.15	<0.05
Upper Bound		21.8	0.14	0.29	0.10



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Sample Description	Method Analyte Units LOR	ME-MS62s As ppm 0.2	ME-MS62s Bi ppm 0.01	ME-MS62s Sb ppm 0.05	ME-MS62s Te ppm 0.05
DUPLICATES					
GS1166		6.7	0.09	0.29	<0.05
DUP		7.3	0.09	0.29	<0.05
Target Range - Lower Bound		6.5	0.08	0.22	<0.05
Upper Bound		7.6	0.10	0.36	0.10
GS1187		10.4	0.35	0.46	<0.05
DUP		10.7	0.35	0.46	<0.05
Target Range - Lower Bound		9.8	0.32	0.38	<0.05
Upper Bound		11.3	0.38	0.54	0.10
GS1203		13.6	0.57	0.82	<0.05
DUP		12.8	0.55	0.79	<0.05
Target Range - Lower Bound		12.3	0.52	0.69	<0.05
Upper Bound		14.1	0.60	0.92	0.10
GS1224		18.7	0.31	0.99	0.05
DUP		18.4	0.32	0.98	<0.05
Target Range - Lower Bound		17.4	0.29	0.86	<0.05
Upper Bound		19.7	0.34	1.11	0.10
GS1240		1.7	0.09	0.29	<0.05
DUP		1.6	0.09	0.28	<0.05
Target Range - Lower Bound		1.4	0.08	0.21	<0.05
Upper Bound		1.9	0.10	0.36	0.10
GS1260		3.2	0.23	0.13	<0.05
DUP		2.6	0.24	0.13	<0.05
Target Range - Lower Bound		2.6	0.21	0.07	<0.05
Upper Bound		3.2	0.26	0.19	0.10
PREP DUPLICATES					
GS1193		1.8	0.09	0.34	<0.05
GS1193 PREP DUP		1.5	0.09	0.31	<0.05
GS1246		8.9	0.12	0.29	<0.05
GS1246 PREP DUP		9.5	0.12	0.30	<0.05



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QC CERTIFICATE OF ANALYSIS BR18037480

	CERTIFICATE COMMENTS			
Applies to Method:	ACCREDITATION COMMENTS			
	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. The Technical Signatory is David Jones,ICPMS Supervising Chemist ME-MS62s			
Applies to Method:	LABORATORY ADDRESSES			
	Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 116 Delta Street, Geebung, QLD 4034, Australia			
	CRU-21	LEV-01	LOG-22	ME-MS62s
	PUL-32	SPL-21	TRA-21	WEI-21