



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 BR18019590

Project: 2018.01.19_ALS_TASMETJV

This report is for 83 Soil samples submitted to our lab in Brisbane, QLD, Australia on
29-JAN-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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Finalized Date: 12-FEB-2018

This copy reported on 14-FEB-2018

Account: KINEXP

SAMPLE PREPARATION

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

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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CERTIFICATE OF ANALYSIS BR18019590

Sample Description	Method Analyte Units LOR	WEI-21	PUL-QC	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	Pass75um	As	Bi	Sb	Te
		kg	%	ppm	ppm	ppm	ppm
		0.02	0.01	0.2	0.01	0.05	0.05
GS1001		2.47		7.5	0.42	4.54	0.05
GS1002		2.21	99.0	2.6	0.17	2.08	<0.05
GS1003		2.64		2.8	0.17	3.03	<0.05
GS1004		2.50		10.7	0.29	5.73	<0.05
GS1005		2.51		2.1	0.12	2.47	<0.05
GS1006		2.21		7.2	0.47	3.87	<0.05
GS1007		2.63		6.1	0.29	2.87	<0.05
GS1008		3.00		4.7	0.51	5.59	<0.05
GS1009		1.97		2.8	0.11	1.33	<0.05
GS1010		2.15		5.0	0.39	1.87	<0.05
GS1011		2.82		7.4	0.44	2.32	0.06
GS1012		2.43		9.8	0.48	1.94	<0.05
GS1013		2.31		12.6	0.32	1.82	<0.05
GS1014		2.56		10.8	0.39	1.91	<0.05
GS1015		1.83		3.8	1.22	3.39	0.05
GS1016		2.08		21.7	0.50	1.47	<0.05
GS1017		1.40		3.1	0.12	0.29	<0.05
GS1018		0.83		7.4	0.29	0.71	<0.05
GS1019		1.79		12.3	0.52	2.23	0.05
GS1020		2.90		6.6	0.30	2.28	<0.05
GS1022		2.31		4.8	0.15	1.82	<0.05
GS1023		2.66		10.1	0.28	3.03	<0.05
GS1024		2.26		8.2	0.28	3.57	<0.05
GS1025		2.10		5.1	0.21	2.05	<0.05
GS1026		2.32		9.9	0.11	2.17	<0.05
GS1027		2.35		19.8	0.46	3.91	<0.05
GS1028		2.12		87.9	0.52	5.43	<0.05
GS1029		2.38		20.2	0.72	6.94	0.09
GS1030		2.48		41.3	0.92	5.03	<0.05
GS1031		2.61		22.0	0.57	4.02	0.07
GS1032		2.02		5.0	0.37	1.96	0.05
GS1033		1.88		8.6	0.53	1.88	<0.05
GS1034		2.54		53.4	0.20	5.67	<0.05
GS1035		3.15		20.3	0.20	1.19	<0.05
GS1036		2.55		7.7	0.30	0.85	<0.05
GS1037		2.40		11.5	0.34	2.03	0.06
GS1038		2.30		10.3	0.25	1.85	<0.05
GS1039		2.44		6.6	0.27	0.78	<0.05
GS1040		2.07		4.9	0.17	0.50	<0.05
GS1041		2.67		7.2	0.20	0.53	<0.05



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Sample Description	Method Analyte Units LOR	WEI-21	PUL-QC	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	Pass75um	As	Bi	Sb	Te
		kg	%	ppm	ppm	ppm	ppm
		0.02	0.01	0.2	0.01	0.05	0.05
GS1042		1.98		28.9	0.45	1.26	<0.05
GS1044		1.61		4.1	0.08	0.24	<0.05
GS1047		1.60	85.0	3.8	0.12	0.27	<0.05
GS1048		1.66		5.4	0.06	0.23	<0.05
GS1049		2.35		1.7	0.06	0.19	<0.05
GS1050		2.05		1.7	0.05	0.20	<0.05
GS1051		2.30		2.2	0.05	0.19	<0.05
GS1052		1.70		3.4	0.07	0.20	<0.05
GS1053		2.24		5.4	0.10	0.22	<0.05
GS1054		2.79		2.6	0.15	0.60	<0.05
GS1055		2.83		3.4	0.14	0.43	<0.05
GS1056		2.59		4.5	0.27	0.55	<0.05
GS1057		2.11		4.2	0.16	0.36	<0.05
GS1058		2.34		4.3	0.19	0.44	<0.05
GS1059		2.37		5.3	0.38	1.09	<0.05
GS1060		1.86		8.0	0.36	0.69	<0.05
GS1061		2.14		7.0	0.45	0.65	<0.05
GS1062		2.32		4.4	0.74	0.58	0.05
GS1063		2.19		3.7	0.49	0.55	0.05
GS1064		2.20		3.8	0.35	1.47	0.08
GS1065		2.72		4.7	0.40	0.80	<0.05
GS1066		3.57		4.0	0.19	0.29	<0.05
GS1067		2.21		8.9	0.43	0.86	<0.05
GS1068		2.19		9.1	0.12	0.72	<0.05
GS1069		1.98		6.8	0.45	0.84	<0.05
GS1070		2.13		6.5	0.58	1.05	<0.05
GS1071		2.34		3.7	0.15	0.42	<0.05
GS1072		2.23		3.0	0.16	0.42	<0.05
GS1074		2.40		3.0	0.11	0.33	<0.05
GS1075		2.22		14.8	0.16	0.74	<0.05
GS1078		2.65		38.8	0.21	0.71	<0.05
GS1079		2.17		7.5	0.13	0.48	<0.05
GS1080		1.81		6.6	0.34	1.14	<0.05
GS1081		2.82		12.4	0.37	0.76	0.07
GS1082		2.47		2.1	0.09	0.31	<0.05
GS1083		2.59		4.2	0.13	0.39	<0.05
GS1084		2.00		1.9	0.11	0.45	<0.05
GS1085		2.30		5.0	0.17	0.15	<0.05
GS1087		2.82		2.1	0.14	0.47	<0.05
GS1088		1.37		3.8	0.48	1.58	<0.05



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		Recvd Wt.	Pass75um	As	Bi	Sb	Te
		kg	%	ppm	ppm	ppm	ppm
		0.02	0.01	0.2	0.01	0.05	0.05
GS1089		1.63		9.8	0.25	0.91	<0.05
GS1090		1.97	86.0	5.4	0.23	0.81	<0.05
GS1091		2.11		4.7	0.32	2.06	<0.05



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CERTIFICATE OF ANALYSIS	BR18019590
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	CERTIFICATE COMMENTS
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Applies to Method:	ACCREDITATION COMMENTS
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Applies to Method:	NATA Accredited. Corporate Accreditation No: 825, Corporate Site No: 818. The Technical Signatory is David Jones, ICPMS Supervising Chemist. ME-MS62s
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Applies to Method:	LABORATORY ADDRESSES
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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
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Applies to Method:	<table><tr><td>BAG-01</td><td>CRU-21</td><td>LEV-01</td><td>LOG-22</td></tr><tr><td>ME-MS62s</td><td>PUL-32</td><td>PUL-QC</td><td>SPL-21</td></tr><tr><td>TRA-21</td><td>WEI-21</td><td></td><td></td></tr></table>	BAG-01	CRU-21	LEV-01	LOG-22	ME-MS62s	PUL-32	PUL-QC	SPL-21	TRA-21	WEI-21		
	BAG-01	CRU-21	LEV-01	LOG-22									
ME-MS62s	PUL-32	PUL-QC	SPL-21										
TRA-21	WEI-21												