



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 BR17102284

Project: Exploration

This report is for 100 Soil samples submitted to our lab in Burnie, TAS, Australia on 25-MAY-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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Finalized Date: 7-JUN-2017

This copy reported on 19-JUN-2017

Account: KINEXP

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
BAG-01	Bulk Master for Storage
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
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA22	Au 50g FA Low Level AA Finish	AAS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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QC CERTIFICATE OF ANALYSIS BR17102284

Sample Description	Method Analyte Units LOR	Au-AA22 Au ppm 0.002	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 Pb ppm 0.5	ME-MS62s Sb ppm 0.05	ME-MS62s Te ppm 0.05	ME-ICP61 Mn ppm 5	ME-ICP61 Zn ppm 2	ME-ICP61 Fe % 0.01	ME-ICP61 As ppm 5
STANDARDS														
G912-5		0.383												
Target Range - Lower Bound		0.351												
Upper Bound		0.409												
GBM908-10				2.94	57.2	1.07	>500	>500	1.67	0.07	802	1070	5.54	60
Target Range - Lower Bound				2.68	51.1	1.12	3270	1860	1.40	<0.05	715	939	4.98	44
Upper Bound				3.32	62.9	1.39	>500	>500	2.01	0.16	885	1155	6.10	70
GBM915-10				13.85	488	1.83	>500	241	19.15	0.30	1040	931	13.95	476
GBM915-10				13.85	>500	1.95	>500	249	19.60	0.35	1085	945	14.55	490
Target Range - Lower Bound											963	842	12.65	442
Upper Bound											1190	1035	15.50	552
GLG313-1		0.029												
Target Range - Lower Bound		0.026												
Upper Bound		0.035												
LEA-16		0.481												
LEA-16		0.489												
Target Range - Lower Bound		0.464												
Upper Bound		0.538												
MRGeo08				4.49	34.2	0.66	>500	>500	4.41	<0.05	532	769	3.77	37
Target Range - Lower Bound				3.99	29.5	0.60	568	971	3.89	<0.05	497	722	3.55	21
Upper Bound				4.93	36.5	0.76	>500	>500	5.39	0.14	619	886	4.37	45
OGGeo08				18.75	118.0	9.76	>500	>500	24.7	0.22	497	6990	5.22	116
OGGeo08				19.25	120.5	9.89	>500	>500	25.6	0.31	503	7040	5.32	124
Target Range - Lower Bound				18.15	107.0	9.44	7550	6520	23.6	0.09	447	6500	4.81	102
Upper Bound				22.2	131.0	11.55	>500	>500	32.0	0.31	557	7950	5.91	136
OREAS 215			3.51											
Target Range - Lower Bound			3.32											
Upper Bound			3.76											
OREAS-45e				0.33	16.9	0.27	>500	18.9	0.99	0.23	530	45	23.9	20
OREAS-45e				0.33	16.8	0.27	>500	17.8	1.04	0.22	518	45	23.4	22
Target Range - Lower Bound				0.26	14.5	0.24	702	15.9	0.80	0.07	490	40	21.7	<5
Upper Bound				0.37	18.1	0.32	>500	20.5	1.20	0.28	610	53	26.5	27
OxP116			15.70											
Target Range - Lower Bound			14.00											
Upper Bound			15.85											
ST-344		0.098												
ST-344		0.101												
Target Range - Lower Bound		0.090												
Upper Bound		0.108												



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Sample Description													
BLANK	<0.002												
BLANK	<0.002												
BLANK	<0.002												
Target Range - Lower Bound	<0.002												
Upper Bound	0.004												
BLANK		<0.01											
Target Range - Lower Bound		<0.01											
Upper Bound		0.02											
BLANK			<0.02	<0.2	<0.01	<0.2	<0.5	<0.05	<0.05	<5	<2	<0.01	<5
BLANK			<0.02	<0.2	<0.01	<0.2	<0.5	<0.05	<0.05	<5	<2	<0.01	<5
BLANK			<0.02	0.3	<0.01	0.2	<0.5	<0.05	<0.05	<5	<2	0.01	<5
Target Range - Lower Bound			<0.02	<0.2	<0.01	<0.2	<0.5	<0.05	<0.05	<5	<2	<0.01	<5
Upper Bound			0.04	0.4	0.02	0.4	1.0	0.10	0.10	10	4	0.02	10
DUPLICATES													
GS068	<0.002		0.02	2.0	0.30	3.5	5.0	0.35	<0.05	53	6	0.25	
DUP	<0.002		0.02	2.1	0.29	3.2	5.0	0.34	<0.05	52	6	0.24	<5
Target Range - Lower Bound	<0.002		<0.02	1.7	0.27	3.0	4.3	0.27	<0.05	45	4	0.22	<5
Upper Bound	0.004		0.04	2.4	0.32	3.7	5.8	0.42	0.10	60	8	0.27	10
GS083			0.03	54.5	1.53	11.6	19.4	1.18	0.12	310	32	5.77	
DUP			0.03	50.6	1.74	11.3	18.7	1.12	0.11	294	30	5.48	52
Target Range - Lower Bound			<0.02	49.7	1.54	10.7	17.6	1.01	0.06	282	27	5.33	44
Upper Bound			0.04	55.4	1.73	12.2	20.5	1.29	0.17	322	35	5.92	60
GS088	0.002												
DUP	<0.002												
Target Range - Lower Bound	<0.002												
Upper Bound	0.004												
GS102			<0.02	37.2	0.58	15.1	11.8	0.76	<0.05	75	22	2.67	
DUP			<0.02	39.1	0.61	15.5	12.2	0.80	0.05	79	22	2.72	45
Target Range - Lower Bound			<0.02	36.0	0.56	14.3	10.9	0.67	<0.05	68	19	2.55	38
Upper Bound			0.04	40.3	0.63	16.3	13.1	0.89	0.10	86	25	2.84	52



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DUPLICATES														
GS117		<0.002		<0.02	226	1.13	20.6	6.1	1.86	0.09	54	8	2.37	
DUP		<0.002		<0.02	215	1.15	18.6	6.1	1.82	0.09	54	7	2.37	224
Target Range - Lower Bound		<0.002		<0.02	209	1.07	18.4	5.3	1.65	<0.05	46	5	2.24	208
Upper Bound		0.004		0.04	232	1.21	20.8	6.9	2.03	0.10	62	10	2.50	240
GS137				0.05	4.7	0.13	19.1	8.6	0.30	<0.05	148	45	3.61	
DUP				0.04	4.6	0.13	18.8	8.3	0.28	<0.05	146	43	3.49	5
Target Range - Lower Bound				<0.02	4.2	0.11	17.8	7.5	0.22	<0.05	135	40	3.36	<5
Upper Bound				0.07	5.1	0.15	20.1	9.4	0.36	0.10	159	48	3.74	10
GS138		<0.002												
DUP		<0.002												
Target Range - Lower Bound		<0.002												
Upper Bound		0.004												
GS152				0.03	8.2	0.30	23.0	12.8	0.64	0.05	296	67	6.21	
DUP				0.04	7.9	0.30	22.8	12.8	0.59	0.05	298	69	6.35	11
Target Range - Lower Bound				<0.02	7.4	0.28	21.6	11.7	0.52	<0.05	277	63	5.96	<5
Upper Bound				0.04	8.7	0.33	24.2	13.9	0.71	0.10	317	73	6.60	17
GS158		0.002												
DUP		0.006												
Target Range - Lower Bound		<0.002												
Upper Bound		0.006												
ORIGINAL		<0.002												
DUP		<0.002												
Target Range - Lower Bound		<0.002												
Upper Bound		0.004												
ORIGINAL		<0.002												
DUP		<0.002												
Target Range - Lower Bound		<0.002												
Upper Bound		0.004												
ORIGINAL		<0.002												
DUP		<0.002												
Target Range - Lower Bound		<0.002												
Upper Bound		0.004												



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DUPLICATES														
ORIGINAL			0.03											
DUP			0.03											
Target Range - Lower Bound			0.02											
Upper Bound			0.04											
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											



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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-AA22 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
BAG-01 LEV-01 ME-ICP61 ME-MS62s
PUL-32 PUL-QC SPL-21 WEI-21