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Plus Appendix Pages
Finalized Date: 20-JUN-2017
This copy reported on 21-JUN-2017
Account: KINEXP

QC CERTIFICATE BR17112708

Project: Exploration

This report is for 139 Soil samples submitted to our lab in Burnie, TAS, Australia on 6-JUN-2017.

The following have access to data associated with this certificate:

SEAN WESTBROOK

KENT WIGHTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
TRA-21	Transfer sample
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
AuME-TL44	50g Trace Au + Multi Element PKG	ICP-MS

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 *****

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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QC CERTIFICATE OF ANALYSIS BR17112708

Method Analyte Units LOR	AuME-TL44 Au ppm 0.001	AuME-TL44 Ag ppm 0.01	AuME-TL44 Al % 0.01	AuME-TL44 As ppm 0.1	AuME-TL44 B ppm 10	AuME-TL44 Ba ppm 10	AuME-TL44 Be ppm 0.05	AuME-TL44 Bi ppm 0.01	AuME-TL44 Ca % 0.01	AuME-TL44 Cd ppm 0.01	AuME-TL44 Ce ppm 0.02	AuME-TL44 Co ppm 0.1	AuME-TL44 Cr ppm 1	AuME-TL44 Cs ppm 0.05	AuME-TL44 Cu ppm 0.2
Sample Description															
STANDARDS															
MRGeo08	0.004	4.87	2.60	34.5	<10	100	0.86	0.73	1.00	2.47	76.5	20.7	84	11.05	633
MRGeo08	0.004	4.93	2.54	35.2	<10	120	0.92	0.75	0.98	2.48	77.4	20.7	83	11.15	647
MRGeo08	0.004	4.71	2.59	34.1	<10	90	0.74	0.73	0.99	2.42	73.5	19.5	82	10.65	645
MRGeo08	0.004	4.81	2.63	35.4	<10	190	0.86	0.74	1.02	2.46	76.9	20.0	85	11.10	625
MRGeo08	0.004	4.77	2.63	33.3	<10	130	0.80	0.73	0.98	2.44	76.0	20.3	87	10.95	643
Target Range - Lower Bound	0.002	4.00	2.23	29.6	<10	100	0.67	0.60	0.81	2.01	66.2	17.0	79	9.45	587
Upper Bound	0.007	4.92	2.75	36.4	30	160	0.95	0.76	1.01	2.47	81.0	21.0	98	11.65	675
OREAS-904	0.012	0.41	1.07	94.0	10	60	6.37	3.66	0.04	0.06	59.0	86.6	15	0.52	6160
OREAS-904	0.014	0.38	0.98	90.2	10	60	6.14	3.42	0.04	0.05	52.4	81.9	14	0.51	5980
OREAS-904	0.013	0.39	0.95	94.4	10	60	6.07	3.65	0.04	0.05	51.6	83.3	14	0.47	6140
OREAS-904	0.017	0.41	1.07	95.8	10	60	6.38	3.64	0.04	0.06	62.6	83.8	15	0.61	6040
OREAS-904	0.013	0.41	1.13	94.4	10	70	6.56	3.76	0.04	0.06	62.7	88.2	15	0.55	6010
Target Range - Lower Bound	0.012	0.32	1.03	81.8	<10	40	5.84	3.37	0.02	0.04	55.5	73.7	15	0.46	5860
Upper Bound	0.020	0.41	1.28	100.0	30	90	7.24	4.14	0.06	0.08	67.9	90.3	20	0.72	6740
BLANKS															
BLANK	<0.001	<0.01	<0.01	<0.1	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
BLANK	<0.001	<0.01	<0.01	<0.1	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
BLANK	<0.001	<0.01	<0.01	<0.1	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
BLANK	<0.001	<0.01	<0.01	<0.1	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
BLANK	<0.001	<0.01	<0.01	<0.1	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
Target Range - Lower Bound	<0.001	<0.01	<0.01	<0.1	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
Upper Bound	0.002	0.02	0.02	0.2	20	20	0.10	0.02	0.02	0.02	0.04	0.2	2	0.10	0.4
DUPLICATES															
GS168	0.001	0.02	2.49	12.4	<10	10	1.53	0.26	0.03	0.05	47.8	29.1	104	3.10	67.5
DUP	0.001	0.02	2.60	12.9	<10	20	1.60	0.29	0.03	0.05	52.6	31.2	113	3.60	71.7
Target Range - Lower Bound	<0.001	<0.01	2.41	11.9	<10	<10	1.44	0.25	0.02	0.04	47.7	28.5	102	3.13	67.0
Upper Bound	0.002	0.03	2.68	13.4	20	20	1.69	0.30	0.04	0.06	52.7	31.8	115	3.57	72.2



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QC CERTIFICATE OF ANALYSIS BR17112708

Method Analyte Units LOR	AuME-TL44 Fe %	AuME-TL44 Ga ppm	AuME-TL44 Ge ppm	AuME-TL44 Hf ppm	AuME-TL44 Hg ppm	AuME-TL44 In ppm	AuME-TL44 K %	AuME-TL44 La ppm	AuME-TL44 Li ppm	AuME-TL44 Mg %	AuME-TL44 Mn ppm	AuME-TL44 Mo ppm	AuME-TL44 Na %	AuME-TL44 Nb ppm	AuME-TL44 Ni ppm
Sample Description	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05	0.2
STANDARDS															
MRGeo08	3.54	9.88	0.12	0.60	0.06	0.164	1.27	37.2	33.8	1.13	374	15.25	0.32	2.06	679
MRGeo08	3.56	9.99	0.11	0.61	0.07	0.165	1.26	37.5	32.7	1.14	372	16.25	0.33	2.66	671
MRGeo08	3.53	9.76	0.12	0.58	0.06	0.158	1.26	35.6	31.8	1.13	368	15.40	0.34	1.01	665
MRGeo08	3.56	10.60	0.13	0.66	0.06	0.164	1.26	38.2	35.4	1.15	373	15.45	0.33	1.45	673
MRGeo08	3.72	9.61	0.12	0.53	0.07	0.165	1.28	37.1	32.3	1.18	383	15.25	0.34	2.97	693
Target Range - Lower Bound	3.22	8.73	0.07	0.41	0.03	0.137	1.12	33.6	29.1	1.01	318	13.05	0.25	0.14	622
Upper Bound	3.96	10.80	0.29	0.55	0.09	0.179	1.40	41.5	35.7	1.25	400	16.10	0.33	0.37	761
OREAS-904	6.23	2.85	0.09	0.03	0.05	0.177	0.51	29.3	2.4	0.11	367	2.06	0.01	<0.05	37.3
OREAS-904	5.88	2.61	0.09	0.04	0.05	0.164	0.48	25.7	2.1	0.10	364	2.04	0.02	<0.05	35.3
OREAS-904	6.04	2.60	0.09	0.03	0.04	0.175	0.47	25.0	2.3	0.10	367	2.08	0.02	<0.05	35.0
OREAS-904	6.19	2.99	0.10	0.04	0.04	0.179	0.52	30.8	2.7	0.11	365	2.09	0.01	<0.05	36.3
OREAS-904	6.46	2.96	0.10	0.03	0.05	0.184	0.52	30.3	2.6	0.12	376	2.13	0.02	<0.05	36.1
Target Range - Lower Bound	5.75	2.57	<0.05	<0.02	<0.01	0.148	0.46	26.8	2.4	0.08	315	1.77	<0.01	<0.05	29.6
Upper Bound	7.05	3.25	0.20	0.06	0.06	0.192	0.58	33.2	3.2	0.14	397	2.27	0.03	0.12	36.6
BLANKS															
BLANK	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2
BLANK	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	0.02	<0.05	<0.2
BLANK	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	0.02	<0.05	<0.2
BLANK	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2
BLANK	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	0.02	<0.05	<0.2
Target Range - Lower Bound	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2
Upper Bound	0.02	0.10	0.10	0.04	0.02	0.010	0.02	0.4	0.2	0.02	10	0.10	0.02	0.10	0.4
DUPLICATES															
GS168	17.85	8.07	0.13	0.41	0.04	0.064	0.04	16.8	6.8	0.04	381	0.68	0.03	0.11	57.4
DUP	18.75	9.29	0.14	0.43	0.04	0.068	0.05	18.4	9.0	0.04	400	0.62	0.03	0.09	62.9
Target Range - Lower Bound	17.40	8.20	0.08	0.38	0.03	0.058	0.03	16.5	7.4	0.03	366	0.57	0.02	<0.05	56.9
Upper Bound	19.25	9.16	0.19	0.46	0.05	0.074	0.06	18.7	8.4	0.05	415	0.73	0.04	0.16	63.4



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Method Analyte Units LOR	AuME-TL44 P ppm 10	AuME-TL44 Pb ppm 0.2	AuME-TL44 Rb ppm 0.1	AuME-TL44 Re ppm 0.001	AuME-TL44 S % 0.01	AuME-TL44 Sb ppm 0.05	AuME-TL44 Sc ppm 0.1	AuME-TL44 Se ppm 0.2	AuME-TL44 Sn ppm 0.2	AuME-TL44 Sr ppm 0.2	AuME-TL44 Ta ppm 0.01	AuME-TL44 Te ppm 0.01	AuME-TL44 Th ppm 0.2	AuME-TL44 Ti % 0.005	AuME-TL44 Tl ppm 0.02
Sample Description															
STANDARDS															
MRGeo08	970	1050	153.5	0.008	0.30	2.89	7.7	0.8	3.4	77.8	0.01	0.03	20.8	0.315	0.80
MRGeo08	980	1055	151.5	0.009	0.32	3.20	7.6	0.9	3.5	73.5	0.01	0.03	21.5	0.313	0.79
MRGeo08	970	1045	146.5	0.009	0.31	2.90	7.2	0.9	3.4	73.8	0.01	0.03	21.1	0.316	0.78
MRGeo08	970	1055	149.5	0.008	0.30	3.10	7.9	0.8	3.5	79.8	0.01	0.03	22.0	0.321	0.82
MRGeo08	950	1045	151.5	0.008	0.32	3.14	7.4	0.9	3.3	72.8	0.02	0.02	21.9	0.318	0.80
Target Range - Lower Bound		902	132.0	0.005	0.27	2.31	6.7	0.6	2.8	66.6	<0.01	<0.01	19.1	0.277	0.64
Upper Bound		1105	162.0	0.009	0.35	3.24	8.4	1.5	4.0	81.8	0.03	0.04	23.8	0.349	0.92
OREAS-904	860	7.8	19.3	<0.001	0.03	0.84	3.4	2.5	0.5	14.1	<0.01	0.03	6.9	<0.005	0.13
OREAS-904	820	7.2	17.4	<0.001	0.04	0.90	3.1	2.3	0.5	12.7	<0.01	0.04	6.4	<0.005	0.12
OREAS-904	830	7.6	17.2	<0.001	0.04	0.89	3.1	2.5	0.4	12.4	<0.01	0.04	6.8	<0.005	0.12
OREAS-904	850	7.7	19.8	0.001	0.03	0.89	3.5	2.5	0.5	13.8	<0.01	0.04	7.1	<0.005	0.14
OREAS-904	870	7.9	20.1	0.001	0.04	0.89	3.4	2.5	0.5	14.7	<0.01	0.05	7.2	<0.005	0.13
Target Range - Lower Bound		6.4	16.4	<0.001	<0.01	0.60	2.9	2.3	<0.2	12.5	<0.01	0.02	5.8	<0.005	0.08
Upper Bound		8.2	20.3	0.003	0.06	0.96	3.8	3.4	0.9	15.7	0.02	0.06	7.5	0.013	0.19
BLANKS															
BLANK	<10	<0.2	<0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
BLANK	<10	<0.2	<0.1	<0.001	0.02	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
BLANK	<10	<0.2	<0.1	<0.001	0.02	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
BLANK	<10	<0.2	<0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
BLANK	<10	<0.2	<0.1	<0.001	0.02	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
Target Range - Lower Bound	<10	<0.2	<0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
Upper Bound	20	0.4	0.2	0.002	0.02	0.10	0.2	0.4	0.4	0.4	0.02	0.02	0.4	0.010	0.04
DUPLICATES															
GS168	120	29.5	11.5	0.001	0.08	0.21	12.1	1.0	1.6	6.0	0.01	0.03	11.4	<0.005	0.12
DUP	130	31.6	13.4	0.001	0.09	0.17	13.2	0.9	1.8	6.8	0.01	0.03	12.3	0.005	0.13
Target Range - Lower Bound	110	28.8	11.7	<0.001	0.07	0.13	11.9	0.7	1.4	5.9	<0.01	0.02	11.1	<0.005	0.10
Upper Bound	140	32.3	13.2	0.002	0.10	0.25	13.4	1.2	2.0	6.9	0.02	0.04	12.6	0.010	0.15



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Sample Description	Method Analyte Units LOR	AuME-TL44 U ppm 0.05	AuME-TL44 V ppm 1	AuME-TL44 W ppm 0.05	AuME-TL44 Y ppm 0.05	AuME-TL44 Zn ppm 2	AuME-TL44 Zr ppm 0.5
STANDARDS							
MRGeo08		5.95	95	2.22	19.80	742	17.0
MRGeo08		6.02	95	2.37	19.75	745	17.4
MRGeo08		5.85	94	2.20	18.90	735	17.7
MRGeo08		5.72	94	2.29	19.55	740	19.0
MRGeo08		5.94	98	2.38	19.55	777	17.1
Target Range - Lower Bound		4.93	88	1.97	16.90	650	13.5
Upper Bound		6.13	109	2.79	20.8	799	19.5
OREAS-904		5.34	18	0.46	16.05	20	1.1
OREAS-904		5.01	18	0.50	14.50	20	1.6
OREAS-904		5.35	18	0.51	15.00	20	1.5
OREAS-904		5.14	18	0.49	16.05	20	2.5
OREAS-904		5.48	19	0.42	16.45	22	0.9
Target Range - Lower Bound		4.63	17	0.34	13.40	17	<0.5
Upper Bound		5.77	23	0.64	16.50	28	2.7
BLANKS							
BLANK		<0.05	<1	<0.05	<0.05	<2	<0.5
BLANK		<0.05	<1	<0.05	<0.05	<2	<0.5
BLANK		<0.05	<1	<0.05	<0.05	<2	<0.5
BLANK		<0.05	<1	<0.05	<0.05	<2	<0.5
BLANK		<0.05	<1	<0.05	<0.05	<2	<0.5
Target Range - Lower Bound		<0.05	<1	<0.05	<0.05	<2	<0.5
Upper Bound		0.10	2	0.10	0.10	4	1.0
DUPLICATES							
GS168		2.61	105	<0.05	52.9	134	15.7
DUP		2.80	111	<0.05	55.5	142	15.7
Target Range - Lower Bound		2.52	102	<0.05	51.4	129	14.0
Upper Bound		2.89	114	0.10	57.0	147	17.4



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Method Analyte Units LOR	AuME-TL44 Au ppm 0.001	AuME-TL44 Ag ppm 0.01	AuME-TL44 Al % 0.01	AuME-TL44 As ppm 0.1	AuME-TL44 B ppm 10	AuME-TL44 Ba ppm 10	AuME-TL44 Be ppm 0.05	AuME-TL44 Bi ppm 0.01	AuME-TL44 Ca % 0.01	AuME-TL44 Cd ppm 0.01	AuME-TL44 Ce ppm 0.02	AuME-TL44 Co ppm 0.1	AuME-TL44 Cr ppm 1	AuME-TL44 Cs ppm 0.05	AuME-TL44 Cu ppm 0.2
DUPLICATES															
GS188	0.003	0.02	1.91	11.2	<10	50	1.24	0.41	0.01	<0.01	66.2	5.7	26	2.72	23.0
DUP	0.002	0.02	2.09	10.8	<10	50	1.24	0.42	0.01	0.01	66.7	5.9	27	3.10	23.4
Target Range - Lower Bound	<0.001	<0.01	1.89	10.4	<10	40	1.13	0.38	<0.01	<0.01	63.1	5.4	24	2.71	22.2
Upper Bound	0.004	0.03	2.11	11.7	20	60	1.35	0.45	0.02	0.02	69.8	6.2	29	3.11	24.2
GS203	0.005	0.01	2.47	7.6	<10	30	0.45	0.49	0.01	<0.01	20.9	1.3	48	1.27	8.2
DUP	0.006	0.01	2.33	7.7	<10	30	0.41	0.49	0.01	<0.01	18.70	1.2	47	1.14	8.0
Target Range - Lower Bound	0.004	<0.01	2.27	7.2	<10	20	0.36	0.46	<0.01	<0.01	18.80	1.1	44	1.09	7.6
Upper Bound	0.007	0.02	2.53	8.1	20	40	0.50	0.52	0.02	0.02	20.8	1.4	51	1.32	8.6
GS223	0.001	0.01	2.23	9.7	<10	30	0.27	0.17	0.02	0.01	7.32	1.7	20	0.94	1.5
DUP	0.001	0.01	2.03	9.7	<10	30	0.27	0.17	0.02	0.01	6.19	1.4	19	0.85	1.5
Target Range - Lower Bound	<0.001	<0.01	2.01	9.1	<10	20	0.21	0.15	<0.01	<0.01	6.40	1.4	18	0.80	1.2
Upper Bound	0.002	0.02	2.25	10.3	20	40	0.33	0.19	0.03	0.02	7.11	1.7	21	0.99	1.8
GS238	0.002	0.01	1.54	27.8	<10	20	0.28	0.60	0.03	<0.01	12.80	3.9	37	1.52	11.8
DUP	0.002	0.01	1.37	27.3	<10	20	0.30	0.55	0.03	0.01	11.05	3.8	35	1.29	11.5
Target Range - Lower Bound	<0.001	<0.01	1.37	26.1	<10	<10	0.23	0.54	0.02	<0.01	11.30	3.6	33	1.28	11.0
Upper Bound	0.003	0.02	1.54	29.0	20	30	0.35	0.61	0.04	0.02	12.55	4.1	39	1.53	12.3
GS258	0.001	<0.01	1.98	9.5	<10	20	0.39	0.11	0.02	<0.01	10.15	1.3	16	1.14	1.6
DUP	0.001	0.01	2.09	9.6	<10	20	0.43	0.11	0.02	<0.01	10.65	1.3	16	1.28	1.7
Target Range - Lower Bound	<0.001	<0.01	1.92	9.0	<10	<10	0.34	0.09	<0.01	<0.01	9.86	1.1	14	1.10	1.4
Upper Bound	0.002	0.02	2.15	10.1	20	30	0.48	0.13	0.03	0.02	10.95	1.5	18	1.32	1.9
GS273	0.004	0.02	0.98	7.4	<10	20	0.14	0.08	<0.01	<0.01	23.1	0.7	9	0.78	1.1
DUP	0.003	0.02	1.07	7.9	<10	20	0.15	0.09	<0.01	<0.01	26.0	0.7	10	0.89	1.2
Target Range - Lower Bound	0.002	<0.01	0.96	7.2	<10	<10	0.09	0.07	<0.01	<0.01	23.3	0.6	8	0.74	0.9
Upper Bound	0.005	0.03	1.09	8.1	20	30	0.20	0.10	0.02	0.02	25.8	0.8	11	0.93	1.4
GS288	0.001	0.01	1.33	7.2	<10	90	0.54	0.11	0.02	<0.01	25.1	11.9	14	1.26	2.5
DUP	0.001	0.01	1.22	7.0	<10	90	0.52	0.11	0.02	<0.01	23.4	11.3	14	1.14	2.3
Target Range - Lower Bound	<0.001	<0.01	1.20	6.6	<10	70	0.45	0.09	<0.01	<0.01	23.0	10.9	12	1.09	2.1
Upper Bound	0.002	0.02	1.35	7.6	20	110	0.61	0.13	0.03	0.02	25.5	12.3	16	1.31	2.7



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Method Analyte Units LOR	AuME-TL44 Fe %	AuME-TL44 Ga ppm	AuME-TL44 Ge ppm	AuME-TL44 Hf ppm	AuME-TL44 Hg ppm	AuME-TL44 In ppm	AuME-TL44 K %	AuME-TL44 La ppm	AuME-TL44 Li ppm	AuME-TL44 Mg %	AuME-TL44 Mn ppm	AuME-TL44 Mo ppm	AuME-TL44 Na %	AuME-TL44 Nb ppm	AuME-TL44 Ni ppm
Sample Description	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05	0.2
DUPLICATES															
GS188	3.14	7.23	0.12	0.24	0.02	0.029	0.13	47.4	12.4	0.07	35	0.50	0.04	0.16	13.6
DUP	3.05	7.45	0.12	0.24	0.02	0.030	0.14	48.4	14.0	0.07	47	0.48	0.04	0.19	14.5
Target Range - Lower Bound	2.93	6.92	0.06	0.21	<0.01	0.023	0.12	45.3	12.4	0.06	34	0.42	0.03	0.12	13.1
Upper Bound	3.26	7.76	0.18	0.27	0.03	0.036	0.15	50.5	14.0	0.08	48	0.56	0.05	0.23	15.0
GS203	4.68	10.75	0.05	0.45	0.03	0.047	0.09	11.0	10.4	0.06	16	1.02	0.06	0.21	4.2
DUP	4.62	10.25	<0.05	0.46	0.04	0.050	0.09	9.9	8.5	0.06	14	1.01	0.06	0.20	3.8
Target Range - Lower Bound	4.41	9.93	<0.05	0.41	0.02	0.041	0.08	9.7	8.9	0.05	9	0.91	0.05	0.14	3.6
Upper Bound	4.89	11.10	0.10	0.50	0.05	0.056	0.10	11.2	10.0	0.07	21	1.12	0.07	0.27	4.4
GS223	2.94	8.75	<0.05	0.25	0.16	0.028	0.04	3.6	11.4	0.01	13	0.53	0.03	0.44	15.0
DUP	2.89	7.97	<0.05	0.22	0.17	0.026	0.03	3.0	8.8	0.01	11	0.52	0.03	0.34	12.2
Target Range - Lower Bound	2.76	7.89	<0.05	0.20	0.14	0.021	0.02	2.9	9.5	<0.01	6	0.45	0.02	0.32	12.7
Upper Bound	3.07	8.83	0.10	0.27	0.19	0.033	0.05	3.7	10.7	0.02	18	0.60	0.04	0.46	14.5
GS238	4.57	4.00	<0.05	0.22	0.04	0.031	0.05	6.3	5.7	0.03	88	0.71	0.03	0.18	12.3
DUP	4.39	3.65	<0.05	0.20	0.04	0.028	0.05	5.4	4.9	0.03	82	0.66	0.03	0.17	11.3
Target Range - Lower Bound	4.25	3.58	<0.05	0.18	0.03	0.023	0.04	5.4	4.9	0.02	76	0.60	0.02	0.12	11.0
Upper Bound	4.71	4.07	0.10	0.24	0.05	0.036	0.06	6.3	5.7	0.04	94	0.77	0.04	0.23	12.6
GS258	1.76	4.88	<0.05	0.11	0.08	0.019	0.05	5.4	8.7	0.04	11	0.18	0.05	0.24	6.3
DUP	1.83	5.12	<0.05	0.11	0.09	0.021	0.05	5.6	9.5	0.04	11	0.18	0.05	0.25	6.6
Target Range - Lower Bound	1.70	4.70	<0.05	0.08	0.07	0.014	0.04	5.0	8.5	0.03	<5	0.12	0.04	0.18	5.9
Upper Bound	1.89	5.30	0.10	0.14	0.10	0.026	0.06	6.0	9.7	0.05	17	0.24	0.06	0.31	7.0
GS273	0.78	2.81	<0.05	0.15	0.02	0.012	0.08	11.7	6.2	0.03	11	0.19	0.02	0.07	2.4
DUP	0.84	3.05	<0.05	0.17	0.03	0.014	0.09	13.2	6.6	0.03	12	0.18	0.02	0.08	2.5
Target Range - Lower Bound	0.76	2.73	<0.05	0.13	<0.01	0.007	0.07	11.6	6.0	0.02	6	0.13	<0.01	<0.05	2.1
Upper Bound	0.86	3.13	0.10	0.19	0.04	0.019	0.10	13.3	6.8	0.04	17	0.24	0.03	0.10	2.8
GS288	3.00	4.03	<0.05	0.07	0.04	0.017	0.08	12.9	13.1	0.06	430	0.24	0.05	0.10	6.5
DUP	2.93	3.75	<0.05	0.07	0.03	0.016	0.08	12.1	11.1	0.06	439	0.24	0.04	0.09	5.9
Target Range - Lower Bound	2.81	3.65	<0.05	0.05	0.02	0.011	0.07	11.7	11.4	0.05	408	0.18	0.03	<0.05	5.7
Upper Bound	3.12	4.13	0.10	0.09	0.05	0.022	0.09	13.3	12.8	0.07	461	0.30	0.06	0.10	6.7

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Method Analyte Units LOR	AuME-TL44 P ppm 10	AuME-TL44 Pb ppm 0.2	AuME-TL44 Rb ppm 0.1	AuME-TL44 Re ppm 0.001	AuME-TL44 S % 0.01	AuME-TL44 Sb ppm 0.05	AuME-TL44 Sc ppm 0.1	AuME-TL44 Se ppm 0.2	AuME-TL44 Sn ppm 0.2	AuME-TL44 Sr ppm 0.2	AuME-TL44 Ta ppm 0.01	AuME-TL44 Te ppm 0.01	AuME-TL44 Th ppm 0.2	AuME-TL44 Ti % 0.005	AuME-TL44 Tl ppm 0.02
Sample Description															
DUPLICATES															
GS188	30	12.2	20.6	<0.001	0.04	0.55	4.4	0.6	1.1	3.6	<0.01	0.03	12.8	<0.005	0.17
DUP	30	12.7	23.7	<0.001	0.03	0.57	4.5	0.6	1.2	4.1	<0.01	0.03	12.9	<0.005	0.19
Target Range - Lower Bound	20	11.6	20.9	<0.001	0.02	0.47	4.1	0.4	0.9	3.5	<0.01	0.02	12.0	<0.005	0.15
Upper Bound	40	13.3	23.4	0.002	0.05	0.65	4.8	0.8	1.4	4.2	0.02	0.04	13.7	0.010	0.21
GS203	20	9.3	13.5	<0.001	0.06	0.89	3.7	1.1	1.1	6.9	<0.01	0.02	21.1	<0.005	0.10
DUP	20	9.1	12.1	<0.001	0.06	0.85	3.6	1.0	1.0	6.7	<0.01	0.02	20.5	<0.005	0.09
Target Range - Lower Bound	<10	8.5	12.1	<0.001	0.05	0.75	3.4	0.8	0.8	6.3	<0.01	<0.01	19.6	<0.005	0.07
Upper Bound	30	9.9	13.5	0.002	0.07	0.99	3.9	1.3	1.3	7.3	0.02	0.03	22.0	0.010	0.12
GS223	30	14.5	4.8	<0.001	0.07	0.10	1.1	1.4	0.6	3.2	<0.01	0.01	3.5	<0.005	0.04
DUP	30	14.1	4.1	<0.001	0.06	0.11	1.0	1.3	0.5	2.8	<0.01	0.01	3.3	<0.005	0.04
Target Range - Lower Bound	20	13.4	4.1	<0.001	0.05	<0.05	0.9	1.1	0.3	2.7	<0.01	<0.01	3.0	<0.005	<0.02
Upper Bound	40	15.2	4.8	0.002	0.08	0.16	1.2	1.6	0.8	3.4	0.02	0.02	3.8	0.010	0.06
GS238	50	10.5	8.8	<0.001	0.04	0.37	1.7	1.9	0.6	4.0	<0.01	0.05	6.0	0.007	0.06
DUP	40	9.8	7.8	<0.001	0.04	0.35	1.6	1.8	0.5	3.6	<0.01	0.04	5.4	0.005	0.06
Target Range - Lower Bound	30	9.4	7.8	<0.001	0.03	0.28	1.5	1.6	0.3	3.4	<0.01	0.03	5.2	<0.005	0.04
Upper Bound	60	10.9	8.8	0.002	0.05	0.44	1.8	2.1	0.8	4.2	0.02	0.06	6.2	0.010	0.08
GS258	60	16.9	8.5	<0.001	0.08	0.24	1.3	1.2	0.5	8.4	<0.01	0.01	2.3	<0.005	0.10
DUP	60	17.4	9.2	<0.001	0.08	0.24	1.3	1.1	0.5	8.6	<0.01	0.01	2.4	<0.005	0.11
Target Range - Lower Bound	50	16.1	8.3	<0.001	0.07	0.17	1.1	0.9	0.3	7.9	<0.01	<0.01	2.0	<0.005	0.08
Upper Bound	70	18.2	9.4	0.002	0.09	0.31	1.5	1.4	0.7	9.1	0.02	0.02	2.7	0.010	0.13
GS273	20	6.0	9.3	<0.001	0.02	0.81	1.4	0.4	0.4	1.8	<0.01	<0.01	4.8	<0.005	0.10
DUP	20	6.5	10.5	<0.001	0.03	0.77	1.4	0.4	0.5	1.9	<0.01	<0.01	5.2	<0.005	0.10
Target Range - Lower Bound	<10	5.7	9.3	<0.001	<0.01	0.68	1.2	<0.2	<0.2	1.6	<0.01	<0.01	4.6	<0.005	0.07
Upper Bound	30	6.8	10.5	0.002	0.04	0.90	1.6	0.6	0.7	2.1	0.02	0.02	5.5	0.010	0.13
GS288	30	8.1	14.2	<0.001	0.04	0.28	2.0	0.4	0.5	6.7	<0.01	0.01	4.3	<0.005	0.12
DUP	30	7.8	12.7	<0.001	0.04	0.28	1.9	0.4	0.5	6.3	<0.01	0.01	4.2	<0.005	0.12
Target Range - Lower Bound	20	7.4	12.7	<0.001	0.03	0.21	1.8	<0.2	0.3	6.0	<0.01	<0.01	3.8	<0.005	0.09
Upper Bound	40	8.5	14.2	0.002	0.05	0.35	2.1	0.6	0.7	7.0	0.02	0.02	4.7	0.010	0.15



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Sample Description	Method Analyte Units LOR	AuME-TL44 U ppm 0.05	AuME-TL44 V ppm 1	AuME-TL44 W ppm 0.05	AuME-TL44 Y ppm 0.05	AuME-TL44 Zn ppm 2	AuME-TL44 Zr ppm 0.5
DUPLICATES							
GS188		2.30	31	<0.05	22.9	15	8.4
DUP		2.33	31	<0.05	23.0	18	8.3
Target Range - Lower Bound		2.15	28	<0.05	21.8	14	7.2
Upper Bound		2.48	34	0.10	24.1	19	9.5
GS203		0.79	60	<0.05	1.87	6	18.2
DUP		0.76	59	<0.05	1.80	5	18.7
Target Range - Lower Bound		0.69	56	<0.05	1.69	3	16.6
Upper Bound		0.86	63	0.10	1.98	8	20.3
GS223		0.43	60	<0.05	1.00	2	7.0
DUP		0.41	58	<0.05	0.90	<2	6.6
Target Range - Lower Bound		0.35	55	<0.05	0.85	<2	5.8
Upper Bound		0.49	63	0.10	1.05	4	7.8
GS238		0.65	55	<0.05	2.42	17	8.1
DUP		0.60	53	<0.05	2.23	16	7.7
Target Range - Lower Bound		0.54	50	<0.05	2.16	14	6.8
Upper Bound		0.71	58	0.10	2.49	19	9.0
GS258		0.45	46	<0.05	1.46	3	3.6
DUP		0.48	46	<0.05	1.51	4	3.8
Target Range - Lower Bound		0.39	43	<0.05	1.36	<2	2.9
Upper Bound		0.54	49	0.10	1.61	4	4.5
GS273		0.52	22	<0.05	1.50	3	5.8
DUP		0.56	24	<0.05	1.66	3	6.8
Target Range - Lower Bound		0.46	21	<0.05	1.45	<2	5.3
Upper Bound		0.62	25	0.10	1.71	4	7.3
GS288		0.65	31	<0.05	3.38	5	4.0
DUP		0.63	31	<0.05	3.19	5	3.6
Target Range - Lower Bound		0.56	28	<0.05	3.07	3	3.0
Upper Bound		0.72	34	0.10	3.50	7	4.6



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	CERTIFICATE COMMENTS
Applies to Method:	LABORATORY ADDRESSES
	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
	AuME-TL44
	SPL-21