



Australian Laboratory Services Pty. Ltd.

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No: 825, Corporate Site No: 23001.

To: TINONE RESOURCES CORPORATION

1001-1030 WEST GEORGIA ST

VANCOUVER BC V6E 2Y3

CANADA

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Total # Pages: 3 (A - D)

Plus Appendix Pages

Finalized Date: 20-OCT-2021

This copy reported on 26-OCT-2021

Account: TINONE

QC CERTIFICATE BU21244934

Project: Panama Project

This report is for 50 samples of Rock Chip submitted to our lab in Burnie, TAS, Australia on 14-SEP-2021.

The following have access to data associated with this certificate:

RUSSELL FULTON

STUART SMITH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
CRU-21	Crush entire sample
PUL-23	Pulv Sample - Split/Retain
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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:

Cameron Brosnan, Laboratory Manager, Perth



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QC CERTIFICATE OF ANALYSIS BU21244934

ALS Perth is a NATA Accredited Testing Laboratory. Corporate Accreditation
 No: 825, Corporate Site No: 23001.

Sample Description	Method Analyte Units LOD	Au-ICP21	ME-MS61													
		Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
STANDARDS																
AMIS0448		1.320														
Target Range - Lower Bound		1.230														
Upper Bound		1.390														
EMOG-17			67.0	4.47	566	310	1.83	5.73	1.87	19.45	44.6	738	53	7.38	8070	4.76
Target Range - Lower Bound			60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42
Upper Bound			74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42
GBM908-10			2.87	6.73	59.7	1070	1.47	1.08	3.62	1.63	108.0	27.1	134	3.68	3550	5.51
Target Range - Lower Bound			2.60	6.40	50.2	930	1.27	1.12	3.33	1.53	99.0	24.0	125	3.44	3350	4.98
Upper Bound			3.20	7.84	61.8	1280	1.66	1.39	4.10	1.91	121.0	29.6	155	4.32	3850	6.10
GPP-14		0.913														
Target Range - Lower Bound		0.853														
Upper Bound		0.965														
KIP-19		2.49														
Target Range - Lower Bound		2.28														
Upper Bound		2.58														
MRCGeo08			4.41	7.64	33.4	1090	3.42	0.63	2.63	2.23	80.2	20.3	89	12.05	627	3.97
Target Range - Lower Bound			3.93	6.64	29.5	920	2.98	0.58	2.35	2.00	66.2	17.7	81	11.20	587	3.55
Upper Bound			4.83	8.14	36.5	1270	3.76	0.73	2.90	2.48	81.0	21.9	102	13.80	675	4.37
OREAS 20a			0.04	7.22	16.2	1060	3.53	0.13	2.47	0.07	78.1	12.6	64	15.70	45.7	3.52
OREAS 20a			0.08	7.74	16.7	1110	3.80	0.13	2.64	0.08	80.1	14.5	65	16.70	47.6	3.68
Target Range - Lower Bound			0.04	6.94	15.1	900	3.24	0.11	2.26	0.04	69.3	12.0	58	13.65	42.0	3.23
Upper Bound			0.08	8.50	18.9	1240	4.07	0.17	2.78	0.13	84.7	14.8	73	16.75	48.8	3.97
OREAS 905			0.54	7.43	35.4	2760	3.06	5.99	0.61	0.33	94.0	15.5	19	7.26	1540	4.07
Target Range - Lower Bound			0.46	6.67	31.0	2280	2.69	5.14	0.52	0.30	82.8	13.2	16	6.05	1425	3.66
Upper Bound			0.58	8.17	38.4	3110	3.39	6.30	0.66	0.42	101.0	16.4	22	7.51	1640	4.50
BLANKS																
BLANK		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
BLANK			<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	1	<0.05	<0.2	<0.01
BLANK			0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	0.6	<0.01
Target Range - Lower Bound			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Upper Bound			0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02



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QC CERTIFICATE OF ANALYSIS BU21244934

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Sample Description	Method Analyte Units LOD	ME-MS61														
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
STANDARDS																
AMIS0448																
Target Range - Lower Bound																
Upper Bound																
EMOG-17		11.65	0.10	1.7	0.918	1.60	22.8	27.9	0.90	709	1080	1.07	14.4	7440	790	7000
Target Range - Lower Bound		10.75	0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570
Upper Bound		13.25	0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030
GBM908-10		21.2	0.15	3.4	0.069	2.06	55.8	11.6	1.75	765	64.5	2.11	10.5	2170	970	1980
Target Range - Lower Bound		18.65	0.12	3.3	0.064	1.87	49.0	9.8	1.61	715	57.9	1.93	9.5	2020	880	1845
Upper Bound		22.9	0.36	4.3	0.092	2.31	61.0	12.4	1.99	885	70.9	2.38	11.9	2470	1100	2250
GPP-14																
Target Range - Lower Bound																
Upper Bound																
KIP-19																
Target Range - Lower Bound																
Upper Bound																
MRCeo08		19.30	0.16	3.2	0.169	3.14	37.7	33.2	1.33	554	14.60	2.00	20.7	707	1040	1075
Target Range - Lower Bound		17.50	<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971
Upper Bound		21.5	0.28	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185
OREAS 20a		19.50	0.14	3.0	0.050	3.22	35.4	37.9	1.29	513	3.07	1.96	20.4	38.0	990	22.7
OREAS 20a		20.0	0.10	3.0	0.058	3.36	40.2	37.1	1.36	532	3.02	2.03	21.5	41.4	1050	24.5
Target Range - Lower Bound		17.60	<0.05	2.5	0.038	2.93	32.4	34.5	1.21	463	2.88	1.77	18.3	34.9	900	19.2
Upper Bound		21.6	0.29	3.3	0.063	3.61	40.7	42.6	1.51	577	3.63	2.19	22.5	43.1	1120	24.6
OREAS 905		24.9	0.11	6.6	0.681	2.92	47.6	22.1	0.26	378	3.04	2.45	18.7	9.6	270	31.8
Target Range - Lower Bound		22.5	<0.05	6.1	0.571	2.58	40.9	17.8	0.24	333	2.89	2.15	16.2	8.4	240	26.9
Upper Bound		27.7	0.28	7.6	0.709	3.18	51.1	22.2	0.31	418	3.65	2.65	20.0	10.7	320	33.9
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	1.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
BLANK		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Target Range - Lower Bound		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Upper Bound		0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0

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QC CERTIFICATE OF ANALYSIS BU21244934

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Sample Description	Method Analyte Units LOD	ME-MS61														
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
STANDARDS																
AMIS0448																
Target Range - Lower Bound																
Upper Bound																
EMOG-17		101.0	0.319	3.10	760	7.3	7	2.5	196.5	0.87	1.27	10.40	0.306	2.14	2.9	70
Target Range - Lower Bound		98.9	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67
Upper Bound		121.0	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84
GBM908-10		167.5	<0.002	0.34	1.53	18.7	1	2.9	284	0.73	0.05	17.85	0.641	1.14	2.3	137
Target Range - Lower Bound		153.0	<0.002	0.33	1.40	17.0	<1	2.7	258	0.64	<0.05	16.55	0.591	1.00	2.0	123
Upper Bound		187.0	0.005	0.43	2.01	21.0	2	3.9	316	0.92	0.15	20.3	0.733	1.40	2.6	153
GPP-14																
Target Range - Lower Bound																
Upper Bound																
KIP-19																
Target Range - Lower Bound																
Upper Bound																
MRCeo08		201	0.009	0.30	4.58	12.4	1	4.0	315	1.50	<0.05	21.5	0.492	1.05	5.7	110
Target Range - Lower Bound		173.5	0.004	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.86	4.9	97
Upper Bound		212	0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.12	21.9	0.553	1.21	6.2	121
OREAS 20a		208	<0.002	0.06	0.56	12.7	<1	4.0	292	1.57	<0.05	21.4	0.476	1.12	6.1	110
OREAS 20a		228	<0.002	0.06	0.56	13.1	1	4.0	301	1.59	<0.05	24.1	0.494	1.07	7.1	109
Target Range - Lower Bound		196.0	<0.002	0.04	0.41	11.0	<1	3.4	266	1.35	<0.05	19.70	0.435	0.94	5.6	98
Upper Bound		240	0.005	0.09	0.73	13.6	2	4.6	326	1.77	0.11	24.1	0.543	1.32	7.1	122
OREAS 905		130.5	<0.002	0.07	1.94	4.7	3	3.9	159.0	1.30	0.06	15.30	0.123	0.72	4.9	9
Target Range - Lower Bound		124.0	<0.002	0.04	1.61	4.3	<1	3.4	141.0	1.16	<0.05	13.15	0.105	0.58	4.4	8
Upper Bound		152.0	0.004	0.09	2.29	5.5	4	4.6	173.0	1.52	0.17	16.05	0.139	0.83	5.6	13
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.1	0.021	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
Target Range - Lower Bound		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
Upper Bound		0.2	0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2



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QC CERTIFICATE OF ANALYSIS BU21244934

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
STANDARDS					
AMIS0448					
Target Range - Lower Bound					
Upper Bound					
EMOG-17		4.1	15.5	7090	62.8
Target Range - Lower Bound		3.3	14.3	6800	55.6
Upper Bound		4.7	17.7	8320	76.4
GBM908-10		3.8	37.3	1020	139.5
Target Range - Lower Bound		2.9	35.2	961	117.5
Upper Bound		4.1	43.2	1180	160.5
GPP-14					
Target Range - Lower Bound					
Upper Bound					
KIP-19					
Target Range - Lower Bound					
Upper Bound					
MRCeo08		4.9	27.0	805	105.5
Target Range - Lower Bound		4.1	23.8	722	92.2
Upper Bound		5.8	29.3	886	126.0
OREAS 20a		3.1	26.5	69	90.7
OREAS 20a		3.4	28.8	73	96.5
Target Range - Lower Bound		2.8	24.0	60	75.2
Upper Bound		4.0	29.6	78	103.0
OREAS 905		2.9	16.2	140	260
Target Range - Lower Bound		2.3	14.0	122	214
Upper Bound		3.3	17.4	154	290
BLANKS					
BLANK					
Target Range - Lower Bound					
Upper Bound					
BLANK		<0.1	<0.1	<2	<0.5
BLANK		<0.1	<0.1	<2	<0.5
Target Range - Lower Bound		<0.1	<0.1	<2	<0.5
Upper Bound		0.2	0.2	4	1.0



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Sample Description	Method Analyte Units LOD	Au-ICP21	ME-MS61														
		Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	
		0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	
DUPLICATES																	
ORIGINAL			0.02	6.26	12.5	500	2.77	0.22	1.16	0.03	67.1	14.2	49	5.19	43.1	3.21	
DUP			0.02	6.32	12.7	500	2.82	0.21	1.16	<0.02	65.4	15.8	52	5.03	43.2	3.26	
Target Range - Lower Bound			<0.01	5.97	11.8	450	2.61	0.19	1.09	<0.02	62.9	14.2	47	4.80	41.4	3.06	
Upper Bound			0.03	6.61	13.4	550	2.98	0.24	1.23	0.04	69.6	15.9	54	5.42	44.9	3.41	
GM10010			0.01	8.43	1.2	510	2.47	0.49	0.01	<0.02	94.3	11.7	76	8.18	29.8	4.54	
DUP			0.02	8.38	1.2	500	2.29	0.50	0.01	<0.02	89.9	11.3	76	7.61	27.9	4.50	
Target Range - Lower Bound			<0.01	7.97	0.9	460	2.21	0.46	<0.01	<0.02	87.5	10.8	71	7.45	27.6	4.28	
Upper Bound			0.02	8.84	1.5	550	2.55	0.53	0.02	0.04	96.7	12.2	81	8.34	30.1	4.76	
GM10020			0.030														
DUP			0.054														
Target Range - Lower Bound			0.039														
Upper Bound			0.045														
GM10030			0.027	0.03	4.25	32.9	340	1.55	0.12	0.01	<0.02	59.9	1.6	74	2.23	21.4	5.75
DUP			0.025	0.03	4.06	32.0	320	1.51	0.11	0.01	<0.02	57.2	1.5	72	2.15	20.7	5.34
Target Range - Lower Bound			0.024	0.02	3.94	30.6	300	1.40	0.10	<0.01	<0.02	55.6	1.4	68	2.03	20.1	5.26
Upper Bound			0.028	0.04	4.37	34.3	360	1.66	0.13	0.02	0.04	61.5	1.7	78	2.35	22.0	5.83
GM10044			0.01	4.01	4.6	280	1.37	0.05	0.02	<0.02	145.5	4.7	47	4.13	15.8	2.25	
DUP			0.01	3.91	5.1	270	1.41	0.06	0.02	<0.02	148.0	4.9	47	4.29	16.8	2.19	
Target Range - Lower Bound			<0.01	3.75	4.4	240	1.27	0.04	<0.01	<0.02	139.5	4.5	44	3.95	15.5	2.10	
Upper Bound			0.02	4.17	5.3	310	1.51	0.07	0.03	0.04	154.0	5.1	50	4.47	17.1	2.34	
GM10050			0.107														
DUP			0.072														
Target Range - Lower Bound			0.084														
Upper Bound			0.095														



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		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
DUPLICATES																
ORIGINAL		15.15	0.10	3.3	0.043	2.38	34.1	29.7	1.60	505	0.65	0.74	13.1	28.1	460	3.1
DUP		15.35	0.10	3.4	0.042	2.38	32.8	27.9	1.62	510	0.65	0.74	13.0	28.7	470	3.1
Target Range - Lower Bound		14.45	<0.05	3.1	0.035	2.25	31.3	27.2	1.52	477	0.57	0.69	12.3	26.8	430	2.4
Upper Bound		16.05	0.16	3.6	0.050	2.51	35.6	30.4	1.70	538	0.73	0.79	13.8	30.0	500	3.8
GM10010		22.6	0.13	3.2	0.079	3.11	62.2	24.4	0.63	425	0.20	0.09	16.0	28.9	240	25.1
DUP		21.6	0.14	3.1	0.078	3.09	59.6	23.1	0.62	424	0.19	0.09	15.0	28.0	250	24.5
Target Range - Lower Bound		20.9	0.07	2.9	0.070	2.94	57.4	22.4	0.58	398	0.14	0.08	14.6	26.8	220	23.1
Upper Bound		23.3	0.20	3.4	0.087	3.27	64.4	25.1	0.67	451	0.25	0.10	16.4	30.1	270	26.5
GM10020																
DUP																
Target Range - Lower Bound																
Upper Bound																
GM10030		9.59	0.10	3.7	0.041	1.04	29.8	5.0	0.12	46	0.29	0.03	9.1	14.0	490	14.4
DUP		8.92	0.11	3.5	0.038	0.99	28.5	5.0	0.12	43	0.28	0.03	9.1	13.8	490	13.6
Target Range - Lower Bound		8.74	<0.05	3.3	0.033	0.95	27.2	4.6	0.10	37	0.22	0.02	8.5	13.0	460	12.8
Upper Bound		9.77	0.16	3.9	0.046	1.08	31.1	5.5	0.14	52	0.35	0.04	9.7	14.8	520	15.2
GM10044		9.99	0.10	2.8	0.029	0.74	64.3	5.7	0.20	274	0.11	0.02	9.1	16.9	520	31.0
DUP		10.50	0.11	2.9	0.029	0.72	65.4	5.9	0.19	262	0.12	0.02	9.5	17.8	500	31.7
Target Range - Lower Bound		9.68	<0.05	2.6	0.023	0.68	61.1	5.3	0.18	250	0.06	<0.01	8.7	16.3	470	29.3
Upper Bound		10.80	0.16	3.1	0.035	0.78	68.6	6.3	0.21	286	0.17	0.03	9.9	18.4	550	33.4
GM10050																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****



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Project: Panama Project

QC CERTIFICATE OF ANALYSIS BU21244934

Sample Description	Method Analyte Units LOD	ME-MS61														
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
		ppm	ppm	%	ppm	%	ppm	ppm	ppm							
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
DUPLICATES																
ORIGINAL		139.0	<0.002	<0.01	0.11	11.0	1	3.6	112.5	1.05	<0.05	19.10	0.354	0.56	2.8	58
DUP		139.0	<0.002	<0.01	0.11	11.4	<1	3.5	111.5	1.07	<0.05	19.35	0.353	0.55	2.8	58
Target Range - Lower Bound		132.0	<0.002	<0.01	<0.05	10.5	<1	3.2	106.0	0.96	<0.05	18.25	0.331	0.49	2.6	54
Upper Bound		146.0	0.004	0.02	0.17	11.9	2	3.9	118.0	1.16	0.10	20.2	0.376	0.62	3.0	62
GM10010		187.5	<0.002	0.01	0.78	19.1	1	4.0	29.1	1.14	<0.05	20.8	0.424	0.80	2.9	99
DUP		186.0	<0.002	0.01	0.74	18.2	1	3.9	28.3	1.12	0.05	19.75	0.424	0.78	2.8	100
Target Range - Lower Bound		177.5	<0.002	<0.01	0.65	17.6	<1	3.6	27.1	1.02	<0.05	19.25	0.398	0.71	2.6	94
Upper Bound		196.0	0.004	0.02	0.87	19.7	2	4.3	30.3	1.24	0.10	21.3	0.450	0.87	3.1	105
GM10020																
DUP																
Target Range - Lower Bound																
Upper Bound																
GM10030		57.2	<0.002	0.02	1.90	9.8	1	2.1	24.4	0.68	<0.05	21.9	0.259	0.21	3.6	57
DUP		55.3	<0.002	0.02	1.88	9.0	1	2.0	23.4	0.66	<0.05	20.8	0.250	0.22	3.5	54
Target Range - Lower Bound		53.3	<0.002	<0.01	1.70	8.8	<1	1.7	22.5	0.59	<0.05	20.3	0.237	0.18	3.3	52
Upper Bound		59.2	0.004	0.03	2.08	10.0	2	2.4	25.3	0.75	0.10	22.4	0.272	0.25	3.8	59
GM10044		49.6	<0.002	0.01	0.43	7.3	1	1.8	108.0	0.68	<0.05	15.75	0.264	0.31	2.1	42
DUP		50.5	<0.002	0.01	0.43	7.7	1	1.9	108.5	0.69	<0.05	15.80	0.251	0.32	2.1	40
Target Range - Lower Bound		47.4	<0.002	<0.01	0.35	7.0	<1	1.6	102.5	0.60	<0.05	15.00	0.240	0.27	1.9	38
Upper Bound		52.7	0.004	0.02	0.51	8.0	2	2.1	114.0	0.77	0.10	16.55	0.275	0.36	2.3	44
GM10050																
DUP																
Target Range - Lower Bound																
Upper Bound																



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Project: Panama Project

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QC CERTIFICATE OF ANALYSIS BU21244934
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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
DUPLICATES					
ORIGINAL		2.5	26.8	51	120.5
DUP		2.5	27.5	51	119.5
Target Range - Lower Bound		2.2	25.7	46	110.5
Upper Bound		2.8	28.6	56	129.5
GM10010		2.6	16.2	81	117.0
DUP		2.5	15.5	80	115.0
Target Range - Lower Bound		2.3	15.0	74	107.0
Upper Bound		2.8	16.7	87	125.0
GM10020					
DUP					
Target Range - Lower Bound					
Upper Bound					
GM10030		5.9	22.2	21	135.0
DUP		5.6	16.7	21	125.0
Target Range - Lower Bound		5.2	18.4	18	120.0
Upper Bound		6.3	20.5	24	140.5
GM10044		1.9	14.1	29	98.5
DUP		1.9	14.6	27	98.0
Target Range - Lower Bound		1.7	13.5	25	90.4
Upper Bound		2.1	15.2	31	106.0
GM10050					
DUP					
Target Range - Lower Bound					
Upper Bound					



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QC CERTIFICATE OF ANALYSIS BU21244934
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	CERTIFICATE COMMENTS								
	ANALYTICAL COMMENTS								
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61								
	ACCREDITATION COMMENTS								
Applies to Method:	NATA Accreditation covers the performance of this service but does not cover the performance of ALS Perth Sample Preparation. Corporate Accreditation No: 825, Corporate Site No: 23001. The Technical Signatory is Wendy Wong, Senior QC Chemist Au-ICP21 ME-MS61								
	LABORATORY ADDRESSES								
Applies to Method:	Processed at ALS Perth located at 31 Denninup Way, Malaga, Australia. Processed at ALS Perth Sample Preparation at 79 Distinction Road, Wangara, WA, Australia Au-ICP21 ME-MS61								
Applies to Method:	Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia. <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">BAG-01</td> <td style="width: 25%;">CRU-21</td> <td style="width: 25%;">LEV-01</td> <td style="width: 25%;">LOG-22</td> </tr> <tr> <td>PUL-23</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	BAG-01	CRU-21	LEV-01	LOG-22	PUL-23	PUL-QC	SPL-21	WEI-21
BAG-01	CRU-21	LEV-01	LOG-22						
PUL-23	PUL-QC	SPL-21	WEI-21						