



Australian Laboratory Services Pty. Ltd.
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QC CERTIFICATE AD11126953

Project:
P.O. No.:
This report is for 46 Rock samples submitted to our lab in Adelaide, SA, Australia on 7-JUL-2011.

The following have access to data associated with this certificate:

RUSSELL FULTON

ROBERT REID

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-21	Crush entire sample >70% -6 mm
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
PUL-22	Pulverizing 3kg sample in LM5
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	51 anal. aqua regia ICPMS	
ME-XRF05	Trace Level XRF Analysis	XRF

To: **MINEMAKERS LIMITED**
ATTN: RUSSELL FULTON
PO BOX 1704
WEST PERTH WA 6872

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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 Account: MINMAK

QC CERTIFICATE OF ANALYSIS AD11126953

Sample Description	Method Analyte Units LOR	ME-MS41														
		Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
STANDARDS																
GBM908 - 10		2.88	0.92	58.8	0.5	<10	100	0.33	1.16	0.66	1.79	86.1	15.4	21	0.80	3460
Target Range - Lower Bound		2.69	0.87	49.4	<0.2	<10	80	0.20	1.12	0.62	1.45	79.3	13.5	20	0.67	3270
Upper Bound		3.31	1.09	60.6	0.7	20	130	0.36	1.39	0.79	1.79	97.0	16.7	27	0.93	3990
GBW7405																
GBW7405																
Target Range - Lower Bound																
Upper Bound																
GEOMS-03		0.48	1.78	553	0.3	<10	1040	1.11	0.39	0.34	0.35	45.0	12.4	67	7.52	131.0
Target Range - Lower Bound		0.43	1.54	559	<0.2	<10	930	0.90	0.34	0.31	0.29	40.3	10.7	64	6.39	119.5
Upper Bound		0.55	1.90	684	0.6	20	1280	1.21	0.44	0.41	0.37	49.3	13.3	80	7.93	146.5
MP-1b																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		4.32	2.58	34.3	<0.2	<10	410	0.81	0.70	1.05	2.39	74.9	21.2	86	11.15	605
Target Range - Lower Bound		3.91	2.53	28.9	<0.2	<10	360	0.66	0.65	1.00	2.01	67.5	17.5	84	9.85	583
Upper Bound		4.80	3.11	35.5	0.4	20	510	0.92	0.81	1.24	2.47	82.5	21.6	104	12.15	713
OGGeo08		19.60	2.17	112.0	<0.2	<10	50	0.65	10.15	0.84	20.5	60.3	89.1	72	9.46	7720
Target Range - Lower Bound																
Upper Bound																
TLG-1																
TLG-1																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<0.01	<0.01	<0.1	<0.2	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
BLANK		<0.01	<0.01	0.1	<0.2	<10	<10	<0.05	0.01	<0.01	0.01	<0.02	<0.1	<1	<0.05	<0.2
Target Range - Lower Bound		<0.01	<0.01	<0.1	<0.2	<10	<10	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
Upper Bound		0.02	0.02	0.2	0.4	20	20	0.10	0.02	0.02	0.02	0.04	0.2	2	0.10	0.4
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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QC CERTIFICATE OF ANALYSIS AD11126953

Sample Description	Method Analyte Units LOR	ME-MS41														
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		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																
GBM908 - 10		2.60	4.82	0.13	0.76	0.02	0.022	0.38	46.8	6.3	0.49	293	62.9	0.12	0.88	2110
Target Range - Lower Bound		2.49	4.58	0.18	0.62	<0.01	0.016	0.37	43.2	5.6	0.46	270	60.3	0.10	0.40	2030
Upper Bound		3.06	5.71	0.33	0.80	0.02	0.030	0.48	53.2	7.1	0.59	341	73.8	0.14	0.59	2480
GBW7405																
GBW7405																
Target Range - Lower Bound																
Upper Bound																
GEOMS-03		3.88	6.88	0.49	0.12	0.79	0.045	0.32	25.0	18.3	0.41	507	3.35	0.02	0.09	53.8
Target Range - Lower Bound		3.64	5.84	0.18	0.09	0.62	0.040	0.31	21.5	15.0	0.40	470	2.85	<0.01	<0.05	49.0
Upper Bound		4.48	7.24	0.33	0.15	0.86	0.060	0.40	26.7	18.5	0.51	586	3.59	0.03	0.16	60.3
MP-1b																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		3.49	11.10	0.15	0.85	0.07	0.171	1.17	38.2	33.7	1.09	422	15.60	0.32	1.18	616
Target Range - Lower Bound		3.38	9.04	0.14	0.67	0.05	0.142	1.17	31.9	30.2	1.09	398	13.10	0.31	0.87	618
Upper Bound		4.15	11.15	0.28	0.87	0.09	0.184	1.45	39.5	37.2	1.36	498	16.10	0.40	1.17	756
OGGeo08		4.71	7.99	0.27	0.91	0.55	1.545	0.96	29.9	30.3	0.88	367	844	0.27	1.13	7730
Target Range - Lower Bound																
Upper Bound																
TLG-1																
TLG-1																
Target Range - Lower Bound																
Upper Bound																
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	<0.01	<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
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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Method Analyte Units LOR	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02
STANDARDS															
GBM908 - 10	800	1920	31.2	<0.001	0.37	1.43	2.0	0.9	1.7	35.6	<0.01	0.08	14.9	0.287	0.20
Target Range - Lower Bound	770	1860	27.6	<0.001	0.34	1.06	1.9	0.9	1.3	30.7	<0.01	0.03	16.9	0.286	0.16
Upper Bound	960	2270	34.0	0.002	0.43	1.55	2.6	1.5	2.1	38.0	0.02	0.06	21.1	0.360	0.26
GBW7405															
GBW7405															
Target Range - Lower Bound															
Upper Bound															
GEOMS-03	940	4.9	28.5	0.001	0.03	13.20	9.5	2.6	1.7	111.0	<0.01	0.12	4.6	0.033	0.89
Target Range - Lower Bound	910	5.3	23.6	<0.001	0.03	9.94	8.5	1.9	1.2	96.1	<0.01	0.09	4.4	0.026	0.76
Upper Bound	1130	7.0	29.1	0.002	0.05	13.55	10.6	2.7	1.9	118.0	0.02	0.13	5.9	0.042	1.08
MP-1b															
MP-1b															
Target Range - Lower Bound															
Upper Bound															
MRGeo08	950	992	155.0	0.008	0.30	4.00	7.8	1.5	3.6	83.7	0.02	0.04	20.3	0.349	0.74
Target Range - Lower Bound	870	936	132.0	0.007	0.29	2.50	7.1	0.9	3.0	75.4	<0.01	<0.01	19.3	0.350	0.62
Upper Bound	1090	1145	162.0	0.011	0.37	3.50	8.9	1.5	4.1	92.6	0.02	0.03	24.1	0.439	0.88
OGGeo08	710	6530	123.5	1.365	2.58	22.0	5.9	11.3	13.4	62.0	0.01	0.18	15.3	0.289	1.23
Target Range - Lower Bound															
Upper Bound															
TLG-1															
TLG-1															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	<10	<0.2	<0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	0.02	<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
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
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															



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Method Analyte Units LOR	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	ME-XRF05 Sn ppm 5	ME-XRF05 W ppm 10
STANDARDS								
GBM908 - 10	1.24	43	1.80	20.5	944	29.2		
Target Range - Lower Bound	1.15	42	1.57	17.05	939	24.0		
Upper Bound	1.52	54	2.24	21.0	1155	33.6		
GBW7405							20	40
GBW7405							18	40
Target Range - Lower Bound							13	30
Upper Bound							27	50
GEOMS-03	2.10	67	6.50	17.80	42	2.9		
Target Range - Lower Bound	1.89	63	5.92	15.55	38	1.6		
Upper Bound	2.43	79	8.12	19.15	50	3.4		
MP-1b							>10000	1160
MP-1b							>10000	1150
Target Range - Lower Bound							14500	980
Upper Bound							>10000	1220
MRGeo08	5.24	91	2.93	20.9	729	24.6		
Target Range - Lower Bound	4.90	93	2.25	18.95	701	18.7		
Upper Bound	6.10	115	3.16	23.3	861	26.5		
OGGeo08	4.61	74	2.78	16.95	6180	23.3		
Target Range - Lower Bound								
Upper Bound								
TLG-1							12	820
TLG-1							11	830
Target Range - Lower Bound							6	730
Upper Bound							18	920
BLANKS								
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		
BLANK							<5	<10
BLANK							<5	<10
Target Range - Lower Bound							<5	<10
Upper Bound							10	20



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Method Analyte Units LOR	ME-MS41															
Sample Description	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	
	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2	
DUPLICATES																
520945 DUP																
Target Range - Lower Bound																
Upper Bound																
520949 DUP	0.07	0.19	205	<0.2	10	10	0.13	1.53	<0.01	0.01	20.8	0.3	4	0.46	27.8	
Target Range - Lower Bound	0.07	0.19	204	<0.2	10	10	0.15	1.57	<0.01	0.03	21.5	0.4	5	0.49	29.0	
Upper Bound	0.06	0.17	194.0	<0.2	<10	<10	0.08	1.46	<0.01	<0.01	20.1	0.2	3	0.40	26.8	
520964 DUP	0.05	0.32	85.6	<0.2	10	30	0.16	3.14	<0.01	<0.01	19.60	0.4	4	0.49	13.2	
Target Range - Lower Bound	0.06	0.30	85.1	<0.2	10	30	0.16	3.16	<0.01	<0.01	18.55	0.4	4	0.47	13.3	
Upper Bound	0.04	0.28	81.0	<0.2	<10	20	0.10	2.98	<0.01	<0.01	18.10	0.3	3	0.41	12.4	
520965 DUP	0.07	0.34	89.7	0.4	20	40	0.22	3.32	0.02	0.02	20.0	0.5	5	0.55	14.1	
520979 DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL DUP	0.05	1.70	37.0	<0.2	<10	150	0.75	0.37	0.14	0.08	62.4	9.4	20	1.47	13.3	
Target Range - Lower Bound	0.05	1.80	38.6	<0.2	<10	160	0.87	0.39	0.14	0.07	65.6	9.9	22	1.53	13.8	
Upper Bound	0.04	1.65	35.8	<0.2	<10	130	0.72	0.35	0.12	0.06	60.8	9.1	19	1.38	12.7	
520979 DUP	0.06	1.85	39.8	0.4	20	180	0.90	0.41	0.16	0.09	67.2	10.2	23	1.63	14.4	

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Method Analyte Units LOR	ME-MS41															
Sample Description	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	
	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																
520945 DUP																
Target Range - Lower Bound																
Upper Bound																
520949 DUP	1.91	2.06	<0.05	0.13	0.01	1.255	0.09	10.4	0.7	0.01	59	0.47	0.01	0.08	0.9	
Target Range - Lower Bound	1.92	2.11	<0.05	0.13	0.01	1.265	0.09	10.5	0.8	0.01	82	0.63	<0.01	0.08	1.1	
Upper Bound	1.81	1.93	<0.05	0.10	<0.01	1.190	0.08	9.7	0.6	<0.01	62	0.47	<0.01	<0.05	0.8	
520964 DUP	1.42	2.15	<0.05	0.34	0.01	0.247	0.16	9.4	1.2	0.02	45	0.24	<0.01	0.37	1.0	
Target Range - Lower Bound	1.38	2.13	<0.05	0.31	0.01	0.236	0.16	8.9	1.2	0.02	42	0.22	<0.01	0.36	1.0	
Upper Bound	1.32	1.98	<0.05	0.29	<0.01	0.224	0.14	8.5	1.0	<0.01	36	0.17	<0.01	0.30	0.8	
520965 DUP	1.48	2.30	0.10	0.36	0.02	0.259	0.18	9.8	1.4	0.03	51	0.29	0.02	0.43	1.3	
520979 DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL DUP	2.88	6.11	0.06	0.08	0.09	0.019	0.26	31.6	22.2	0.29	502	0.50	0.01	0.30	19.6	
Target Range - Lower Bound	3.01	6.62	0.07	0.08	0.09	0.019	0.28	33.4	23.8	0.30	525	0.51	0.01	0.31	20.4	
Upper Bound	2.79	6.00	<0.05	0.06	0.07	0.013	0.25	30.7	21.8	0.27	483	0.43	<0.01	0.24	18.8	
	3.10	6.73	0.10	0.10	0.11	0.025	0.29	34.3	24.3	0.32	544	0.58	0.02	0.37	21.2	

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Sample Description	Method Analyte Units LOR	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %	ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %	ME-MS41 Tl ppm
		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
DUPLICATES																
520945 DUP	Target Range - Lower Bound															
	Upper Bound															
520949 DUP	Target Range - Lower Bound	30	8.2	6.5	<0.001	0.02	26.8	0.4	0.3	15.0	2.3	<0.01	0.06	2.0	<0.005	0.03
	Upper Bound	40	8.5	6.9	<0.001	0.02	26.8	0.4	0.3	15.7	2.4	<0.01	0.07	2.1	<0.005	0.03
	Target Range - Lower Bound	20	7.7	6.3	<0.001	<0.01	24.7	0.3	<0.2	14.4	2.0	<0.01	0.05	1.7	<0.005	<0.02
	Upper Bound	50	9.0	7.1	0.002	0.03	28.9	0.5	0.4	16.3	2.7	0.02	0.08	2.4	0.010	0.04
520964 DUP	Target Range - Lower Bound	50	8.2	13.3	<0.001	0.04	7.21	0.6	0.3	22.2	3.8	<0.01	0.03	2.1	<0.005	0.05
	Upper Bound	40	8.3	12.7	<0.001	0.03	7.03	0.6	0.3	20.8	3.7	<0.01	0.03	2.0	<0.005	0.05
	Target Range - Lower Bound	30	7.6	12.3	<0.001	0.02	6.54	0.5	<0.2	20.2	3.4	<0.01	0.02	1.7	<0.005	0.03
	Upper Bound	60	8.9	13.8	0.002	0.05	7.70	0.7	0.4	22.8	4.1	0.02	0.04	2.4	0.010	0.07
520965 DUP	Target Range - Lower Bound															
	Upper Bound															
520979 DUP	Target Range - Lower Bound															
	Upper Bound															
ORIGINAL DUP	Target Range - Lower Bound	200	23.9	27.1	<0.001	0.02	0.60	2.3	0.4	0.9	37.4	<0.01	0.04	5.1	0.007	0.10
	Upper Bound	210	25.0	28.2	<0.001	0.02	0.64	2.5	0.4	0.9	38.8	<0.01	0.03	5.5	0.007	0.11
	Target Range - Lower Bound	180	23.0	26.2	<0.001	<0.01	0.52	2.2	<0.2	0.7	36.0	<0.01	0.02	4.8	<0.005	0.08
	Upper Bound	230	25.9	29.1	0.002	0.03	0.72	2.6	0.6	1.1	40.2	0.02	0.05	5.8	0.010	0.13

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



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QC CERTIFICATE OF ANALYSIS AD11126953

Method Analyte Units LOR	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm	ME-XRF05 Sn ppm	ME-XRF05 W ppm
Sample Description	0.05	1	0.05	0.05	2	0.5	5	10
DUPLICATES								
520945							56	<10
DUP							54	<10
Target Range - Lower Bound							47	<10
Upper Bound							63	20
520949	0.17	16	2.18	1.86	13	5.1		
DUP	0.17	16	2.18	1.96	13	5.3		
Target Range - Lower Bound	0.11	14	1.97	1.76	10	4.3		
Upper Bound	0.23	18	2.39	2.06	16	6.1		
520964	0.39	9	0.40	2.46	2	9.2		
DUP	0.39	9	0.40	2.36	2	8.9		
Target Range - Lower Bound	0.32	8	0.32	2.24	<2	7.9		
Upper Bound	0.46	10	0.48	2.58	4	10.2		
520965							24	20
DUP							28	10
Target Range - Lower Bound							20	<10
Upper Bound							32	20
520979							177	10
DUP							173	10
Target Range - Lower Bound							161	<10
Upper Bound							189	20
ORIGINAL	0.56	20	0.07	6.51	36	3.2		
DUP	0.60	22	0.07	6.74	39	3.3		
Target Range - Lower Bound	0.50	19	<0.05	6.24	34	2.5		
Upper Bound	0.66	23	0.10	7.01	41	4.0		



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Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).