



Australian Laboratory Services Pty. Ltd.

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Finalized Date: 17-AUG-2010
Account: MACHAR

QC CERTIFICATE BR10099906

Project: Thomas Ck

P.O. No.:

This report is for 30 Drill Core samples submitted to our lab in Brisbane, QLD, Australia on 29-JUL-2010.

The following have access to data associated with this certificate:

RICHARD LINDSAY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LEV-01	Waste Disposal Levy
CRU-21	Crush entire sample >70% -6 mm
PUL-23	Pulv Sample - Split/Retain
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-TL42	Trace Level Au - 15 g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

To: MACQUARIE HARBOUR MINING LTD
ATTN: RICHARD LINDSAY
PO BOX 21
KINGSTON BEACH TAS 7050

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 BR10099906

Method Analyte Units LOR	Au-TL42 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
Sample Description															
STANDARDS															
GBM398-4c		44.8	0.40	6.6	0.2	<10	20	0.10	10.75	0.30	9.03	5.49	1795	1820	0.91
Target Range - Lower Bound		43.8	0.40	6.2	<0.2	<10	<10	0.07	9.89	0.29	6.56	4.98	1775	1730	0.77
Upper Bound		53.6	0.52	7.8	0.4	20	30	0.19	12.10	0.37	8.04	6.14	2170	2120	1.05
MRGeo08		4.62	2.67	34.9	<0.2	<10	410	0.73	0.74	1.07	2.43	79.6	19.8	88	11.75
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
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
ST-299	0.010														
Target Range - Lower Bound	0.007														
Upper Bound	0.011														
ST-345	0.052														
Target Range - Lower Bound	0.047														
Upper Bound	0.063														
BLANKS															
BLANK	<0.001														
Target Range - Lower Bound	<0.001														
Upper Bound	0.002														
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
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
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
DUPLICATES															
2010	0.004	0.06	2.62	4.6	<0.2	<10	30	1.04	0.18	0.42	<0.01	46.7	59.2	58	0.54
DUP	0.003	0.06	2.64	4.7	<0.2	<10	30	1.01	0.19	0.42	0.01	47.9	59.5	57	0.56
Target Range - Lower Bound	0.002	0.05	2.49	4.3	<0.2	<10	20	0.92	0.17	0.39	<0.01	44.9	56.3	54	0.47
Upper Bound	0.005	0.07	2.77	5.0	0.4	20	40	1.13	0.20	0.45	0.02	49.7	62.4	61	0.63
2030	0.003	0.06	2.18	7.4	<0.2	<10	20	0.81	0.36	0.94	<0.01	39.7	61.1	88	0.76
DUP	0.004	0.06	2.19	7.4	<0.2	<10	20	0.80	0.35	0.95	<0.01	38.7	60.6	86	0.76
Target Range - Lower Bound	0.002	0.05	2.07	6.9	<0.2	<10	<10	0.71	0.33	0.89	<0.01	37.2	57.7	82	0.67
Upper Bound	0.005	0.07	2.30	7.9	0.4	20	30	0.90	0.38	1.00	0.02	41.2	64.0	92	0.85



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QC CERTIFICATE OF ANALYSIS BR10099906

Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
Sample Description															
STANDARDS															
GBM398-4c	3560	3.54	1.70	0.19	0.51	2.87	0.008	0.08	2.3	2.4	0.10	4580	850	0.22	0.36
Target Range - Lower Bound	3500	3.36	1.56	0.15	0.44	2.42	<0.005	0.09	2.0	2.1	0.09	4670	805	0.18	0.22
Upper Bound	4280	4.12	2.02	0.29	0.58	3.30	0.010	0.13	2.8	2.8	0.13	5710	985	0.24	0.38
MRGeo08	608	3.56	11.70	0.28	0.80	0.07	0.182	1.19	38.0	35.8	1.14	416	16.25	0.33	1.81
Target Range - Lower Bound	583	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	0.98
Upper Bound	713	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	1.30
ST-299															
Target Range - Lower Bound															
Upper Bound															
ST-345															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	<0.2	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
Target Range - Lower Bound	<0.2	<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
Upper Bound	0.4	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
DUPLICATES															
2010	47.0	4.32	12.25	0.22	0.42	0.03	0.021	0.23	24.0	26.0	1.83	377	4.07	0.11	0.25
DUP	47.5	4.32	12.80	0.24	0.44	0.03	0.022	0.23	24.4	26.8	1.83	378	4.20	0.11	0.27
Target Range - Lower Bound	44.7	4.09	11.85	0.17	0.39	0.02	0.015	0.21	22.8	25.0	1.73	354	3.88	0.09	0.20
Upper Bound	49.8	4.55	13.20	0.29	0.47	0.04	0.028	0.25	25.6	27.8	1.93	401	4.39	0.13	0.32
2030	33.0	6.43	12.00	0.28	0.16	0.03	0.017	0.09	21.3	23.8	1.96	380	2.30	0.04	0.26
DUP	34.0	6.41	11.95	0.31	0.16	0.04	0.019	0.09	20.8	23.6	1.95	374	2.38	0.04	0.25
Target Range - Lower Bound	31.6	6.09	11.35	0.23	0.13	0.02	0.012	0.08	19.8	22.4	1.85	353	2.17	0.03	0.19
Upper Bound	35.4	6.75	12.60	0.36	0.19	0.05	0.024	0.10	22.3	25.0	2.06	401	2.51	0.05	0.32



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Method Analyte Units LOR	ME-MS41 Ni ppm 0.2	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
STANDARDS															
GBM398-4c	3580	170	>10000	16.6	0.002	0.88	6.18	1.5	3.3	4.9	11.8	<0.01	0.42	0.8	0.100
Target Range - Lower Bound	3660	150	10550	15.0	<0.001	0.87	5.05	1.4	3.2	4.0	11.5	<0.01	0.40	0.5	0.094
Upper Bound	4480	210	>10000	18.5	0.003	1.09	6.95	1.9	4.3	5.4	14.5	0.02	0.51	1.0	0.126
MRGeo08	633	1000	996	158.0	0.009	0.31	3.96	8.6	1.8	3.7	86.0	0.05	0.02	22.6	0.366
Target Range - Lower Bound	618	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
Upper Bound	756	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
ST-299															
Target Range - Lower Bound															
Upper Bound															
ST-345															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	0.2	<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
Target Range - Lower Bound	<0.2	<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
Upper Bound	0.4	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
DUPLICATES															
2010	101.5	340	2.1	24.8	0.005	0.81	0.35	11.9	0.9	1.5	8.0	0.01	0.05	8.5	0.082
DUP	102.0	340	2.1	26.0	0.004	0.79	0.35	12.0	0.9	1.5	8.5	0.01	0.06	8.7	0.081
Target Range - Lower Bound	96.5	310	1.8	24.0	0.003	0.75	0.27	11.3	0.7	1.2	7.6	<0.01	0.04	8.0	0.072
Upper Bound	107.0	370	2.4	26.8	0.006	0.85	0.43	12.6	1.1	1.8	8.9	0.02	0.07	9.2	0.091
2030	95.9	570	1.8	9.4	0.003	0.82	0.28	13.6	0.9	1.8	7.4	<0.01	0.11	8.2	0.145
DUP	95.9	550	1.8	9.5	0.003	0.83	0.29	13.6	0.9	1.8	7.3	<0.01	0.11	7.9	0.145
Target Range - Lower Bound	90.9	520	1.5	8.9	0.002	0.77	0.21	12.8	0.7	1.5	6.8	<0.01	0.09	7.4	0.133
Upper Bound	101.0	600	2.1	10.0	0.004	0.88	0.36	14.4	1.1	2.1	7.9	0.02	0.13	8.7	0.157



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Sample Description	Method Analyte Units LOR	ME-MS41 Ti ppm 0.02	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
STANDARDS								
GBM398-4c		0.16	0.61	22	2.76	4.31	4610	23.0
Target Range - Lower Bound		0.11	0.49	20	2.22	3.57	4610	18.8
Upper Bound		0.19	0.71	26	3.12	4.47	5630	26.6
MRGeo08		0.87	5.98	98	3.40	21.6	767	24.8
Target Range - Lower Bound		0.62	4.90	93	2.25	18.95	701	18.7
Upper Bound		0.88	6.10	115	3.16	23.3	861	26.5
ST-299								
Target Range - Lower Bound								
Upper Bound								
ST-345								
Target Range - Lower Bound								
Upper Bound								
BLANKS								
BLANK		<0.02	<0.05	<1	<0.05	<0.05	<2	<0.5
Target Range - Lower Bound		<0.02	<0.05	<1	<0.05	<0.05	<2	<0.5
Upper Bound		0.04	0.10	2	0.10	0.10	4	1.0
BLANK								
Target Range - Lower Bound								
Upper Bound								
DUPLICATES								
2010		0.05	4.05	68	0.09	13.35	39	17.5
DUP		0.05	4.07	66	0.08	13.90	37	18.3
Target Range - Lower Bound		0.03	3.81	63	<0.05	12.90	34	16.1
Upper Bound		0.07	4.31	71	0.10	14.35	42	19.7
2030		<0.02	2.22	111	0.24	9.86	44	4.9
DUP		<0.02	2.22	109	0.22	9.67	44	5.0
Target Range - Lower Bound		<0.02	2.06	104	0.16	9.23	40	4.1
Upper Bound		0.04	2.38	117	0.30	10.30	48	5.8



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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).