



Australian Laboratory Services Pty. Ltd.
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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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Method Analyte Units LOR	Au-TL42	ME-MS41														
Sample Description	Au ppm	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	
	0.001	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	
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															
Sample Description	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	
	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	
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	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 %
Sample Description	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
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
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).