5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: PATRICK OLIVIER

PROJECT NO:

AGAT WORK ORDER: 11U560680

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Dec 23, 2011

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 11U560680

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: PATRICK OLIVIER

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 19, 2011 | DATE RECEIVED: Dec 19, 2011 | DATE REPORTED: Dec 23, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5332417	0.26	0.011
E5332418	0.18	0.020
E5332419	0.32	0.006
E5332420	0.36	0.029
E5332421	0.16	0.318
E5332422	0.84	0.015
E5332423	0.32	0.008
E5332424	0.20	0.028
E5332425	0.08	0.923
E5332426	0.34	0.006
E5332427	0.16	0.043
E5332428	0.26	0.058
E5332429	0.34	0.057
E5332430	0.22	0.002
E5332431	0.36	0.002
E5332432	0.26	0.155
E5332433	0.24	0.053
E5332434	0.24	0.007
E5332435	0.08	3.66
E5332436	0.26	0.004
E5332437	0.36	0.004
E5332438	0.22	0.022
E5332439	0.70	<0.001
E5332440	0.32	0.004
E5332441	0.36	0.003
E5332442	0.18	0.014
E5332443	0.30	0.013
E5332444	0.32	0.011
E5332445	0.54	0.001
E5332446	0.18	0.137
E5332447	0.30	0.137

Certified By: Ron Cardinall

Results relate only to the items tested and to all the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11U560680

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: PATRICK OLIVIER

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 19, 2011 | DATE RECEIVED: Dec 19, 2011 | DATE REPORTED: Dec 23, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5332448	0.30	0.023
E5332449	0.18	0.014
E5332450	0.32	0.003

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560680

PROJECT NO:

ATTENTION TO: PATRICK OLIVIER

Solid Analysis

RPT Date: Dec 23, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3020568	0.0580	0.0482	18.5%	< 0.001	0.0818	0.0849	96%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3020578	0.022	0.022	0.0%	< 0.001	0.41	0.417	98%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3020590	0.003	0.003	0.0%	< 0.001				90%	110%

Certified By: Ron Cardinall

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560680

PROJECT NO:

ATTENTION TO: PATRICK OLIVIER

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: PATRICK OLIVIER

PROJECT NO:

AGAT WORK ORDER: 11U560864

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jan 04, 2012

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

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AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 11U560864

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: PATRICK OLIVIER

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Dec 19, 2011 | DATE RECEIVED: Dec 19, 2011 | DATE REPORTED: Jan 04, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt
Unit:	kg	ppm	ppm	ppm
Sample Description RDL:	0.01	0.001	0.001	0.005
E5332451	0.32	0.031	0.003	<0.005
E5332452	0.24	0.060	0.005	<0.005
E5332453	0.30	0.300	0.004	<0.005
E5332454	0.24	0.247	0.004	<0.005
E5332455	0.10	0.193	0.002	<0.005
E5332456	0.36	0.023	0.002	<0.005
E5332457	0.24	0.127	0.003	<0.005
E5332458	0.32	0.008	0.004	<0.005
E5332459	0.30	0.329	<0.001	<0.005
L752723	0.26	0.297	0.004	<0.005
L752724	0.26	0.102	0.001	<0.005
L752725	0.28	<0.001	0.002	<0.005
L752726	0.30	0.020	0.002	<0.005
L752727	0.32	0.019	0.003	<0.005
L752728	0.38	0.014	0.003	0.006
L752729	0.30	0.443	0.003	<0.005
L752730	0.38	0.147	0.004	<0.005
L752731	0.32	0.017	0.002	<0.005
L752732	0.30	0.033	0.004	<0.005
L752733	0.22	0.028	0.004	<0.005
L752734	0.32	0.003	0.002	<0.005
L752735	0.08	3.48	0.004	<0.005
L752736	0.26	0.012	0.006	<0.005
L752737	0.16	0.036	0.005	<0.005
L752738	0.32	0.040	0.002	<0.005
L752739	0.34	0.050	0.005	<0.005
L752740	0.08	0.928	<0.001	<0.005
L752741	0.22	0.032	0.002	<0.005
L752742	0.32	0.024	0.004	<0.005
L752743	0.32	0.030	0.003	<0.005
L752744	0.32	0.004	0.002	<0.005

Certified By: Ron Cardinall

Results relate only to the items tested and to all the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11U560864

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: PATRICK OLIVIER

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Dec 19, 2011 | DATE RECEIVED: Dec 19, 2011 | DATE REPORTED: Jan 04, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt
Unit:	kg	ppm	ppm	ppm
Sample Description RDL:	0.01	0.001	0.001	0.005
L752745	0.48	0.015	0.003	<0.005
L752746	0.26	0.209	0.005	0.005
L752747	0.34	0.004	0.005	<0.005

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested and to all the items tested

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560864

PROJECT NO:

ATTENTION TO: PATRICK OLIVIER

Solid Analysis

RPT Date: Jan 04, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3021793	0.031	0.050		< 0.001	0.326	0.321	101%	80%	120%
Pd	1	3021793	0.003	0.003	0.0%	< 0.001	0.038	0.037	104%	80%	120%
Pt	1	3021793	< 0.005	< 0.005	0.0%	< 0.005	0.094	0.090	104%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3021806	0.0205	0.0214	4.3%	< 0.001				80%	120%
Pd	1	3021806	0.002	0.003		< 0.001				80%	120%
Pt	1	3021806	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3021819	0.050	0.024		< 0.001				80%	120%
Pd	1	3021819	0.005	0.003		< 0.001				80%	120%
Pt	1	3021819	< 0.005	< 0.005	0.0%	< 0.005				80%	120%

Certified By: Ron Cardinall

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560864

PROJECT NO:

ATTENTION TO: PATRICK OLIVIER

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pd	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pt	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: Patrick Olivier

PROJECT NO:

AGAT WORK ORDER: 11U560942

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Dec 29, 2011

PAGES (INCLUDING COVER): 4

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

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Certificate of Analysis

AGAT WORK ORDER: 11U560942

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Patrick Olivier

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Dec 19, 2011 | DATE RECEIVED: Dec 20, 2011 | DATE REPORTED: Dec 29, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt
Unit:	kg	ppm	ppm	ppm
Sample Description RDL:	0.01	0.001	0.001	0.005
L752756	0.16	0.010	0.012	0.012
L752757	0.12	0.035	0.005	0.005
L752758	0.20	0.006	0.026	0.018
L752759	0.18	0.003	0.018	0.022
L752760	0.72	<0.001	0.003	<0.005
L752761	0.08	3.58	<0.001	<0.005
L752762	0.14	0.002	0.036	0.025
L752763	0.18	0.008	0.029	0.022

Comments: RDL - Reported Detection Limit

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560942

PROJECT NO:

ATTENTION TO: Patrick Olivier

Solid Analysis

RPT Date: Dec 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3022211	0.010	0.004		< 0.001	1.09	1.10	99%	80%	120%
Pd	1	3022211	0.012	0.010	18.2%	< 0.001	0.127	0.115	110%	80%	120%
Pt	1	3022211	0.0116	0.0089	26.3%	< 0.005	0.244	0.239	102%	80%	120%

Certified By:

Results relate only to the items tested and to all the items tested

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560942

PROJECT NO:

ATTENTION TO: Patrick Olivier

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pd	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pt	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: Patrick Olivier

PROJECT NO:

AGAT WORK ORDER: 11U560948

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Dec 29, 2011

PAGES (INCLUDING COVER): 4

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

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AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 11U560948

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Patrick Olivier

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Dec 19, 2011 | DATE RECEIVED: Dec 20, 2011 | DATE REPORTED: Dec 29, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt
Unit:	kg	ppm	ppm	ppm
Sample Description RDL:	0.01	0.001	0.001	0.005
L752748	0.52	0.013	0.020	0.020
L752749	0.46	0.038	0.043	0.044
L752750	0.48	0.012	0.024	0.019
L752751	0.44	0.007	0.017	0.017
L752752	0.42	0.008	0.017	0.016
L752753	0.34	0.013	0.024	0.019
L752754	0.48	0.007	0.024	0.024
L752755	0.58	0.011	0.023	0.017

Comments: RDL - Reported Detection Limit

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560948

PROJECT NO:

ATTENTION TO: Patrick Olivier

Solid Analysis

RPT Date: Dec 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3022241	0.0132	0.0140	5.9%	< 0.001	1.09	1.10	99%	80%	120%
Pd	1	3022241	0.020	0.019	5.1%	< 0.001	0.127	0.115	110%	80%	120%
Pt	1	3022241	0.0197	0.0154	24.5%	< 0.005	0.244	0.239	102%	80%	120%

Certified By:

Results relate only to the items tested and to all the items tested

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U560948

PROJECT NO:

ATTENTION TO: Patrick Olivier

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pd	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pt	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
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(705) 222-8800

ATTENTION TO: Patrick Olivier

PROJECT NO:

AGAT WORK ORDER: 11U561508

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Dec 30, 2011

PAGES (INCLUDING COVER): 4

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

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Certificate of Analysis

AGAT WORK ORDER: 11U561508

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Patrick Olivier

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 21, 2011 | DATE RECEIVED: Dec 21, 2011 | DATE REPORTED: Dec 30, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
L752764	0.22	0.043
L752765	0.24	0.045
L752766	0.29	0.003
L752767	0.07	0.197
L752768	0.24	0.014
L752769	0.23	0.049
L752770	0.29	0.957
L752771	0.24	0.061

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U561508

PROJECT NO:

ATTENTION TO: Patrick Olivier

Solid Analysis

RPT Date: Dec 30, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3027981	0.043	0.046	6.7%	< 0.001				90%	110%

Certified By: Ron Cardinall

Results relate only to the items tested and to all the items tested

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U561508

PROJECT NO:

ATTENTION TO: Patrick Olivier

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: Patrick Olivier

PROJECT NO:

AGAT WORK ORDER: 11U561515

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Jan 27, 2012

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 11U561515

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Patrick Olivier

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 21, 2011 | DATE RECEIVED: Dec 21, 2011 | DATE REPORTED: Jan 27, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
L752772	0.26	0.021
L752773	0.78	0.031
L752774	0.92	0.008
L752775	1.46	<0.001
L752776	0.94	0.002
L752777	0.70	0.012
L752778	0.46	0.031
L752779	0.54	0.025
L752780	0.08	0.927
L752781	0.66	0.031
L752782	0.42	0.005
L752783	0.96	<0.001
L752784	0.58	0.002
L752785	0.08	3.49
L752786	0.54	0.005
L752787	0.64	0.030
L752788	0.68	0.069
L752789	0.68	0.427
L752790	0.70	0.007
L752791	0.70	<0.001
L752792	0.76	0.004
L752793	0.80	0.015
L752794	0.90	<0.001
L752795	0.74	<0.001
L752796	0.82	0.007
L752797	0.72	0.003
L752798	0.78	0.033
L752799	0.76	0.013
L752800	1.32	<0.001
L752640	0.08	3.58
L752641	0.84	0.015

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 11U561515

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Patrick Olivier

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 21, 2011 | DATE RECEIVED: Dec 21, 2011 | DATE REPORTED: Jan 27, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
L752642	0.78	0.005
L752643	0.58	0.024
L752644	0.66	0.156
L752645	0.64	<0.001
L752646	0.60	0.110

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U561515

PROJECT NO:

ATTENTION TO: Patrick Olivier

Solid Analysis

RPT Date: Jan 27, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3028070	< 0.001	0.005		0.002	0.409	0.417	98%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3028084	0.003	0.005		< 0.001	0.0813	0.0849	96%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1					< 0.001	0.939	0.922	101%	90%	110%

Certified By:

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U561515

PROJECT NO:

ATTENTION TO: Patrick Olivier

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: Patrick Olivier

PROJECT NO:

AGAT WORK ORDER: 11U561741

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Jan 27, 2012

PAGES (INCLUDING COVER): 4

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

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AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 11U561741

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Patrick Olivier

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 21, 2011 | DATE RECEIVED: Dec 22, 2011 | DATE REPORTED: Jan 27, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
L752647	0.24	0.044
L752648	0.18	0.059
L752649	0.24	0.004
L752650	0.54	0.001
L752689	0.34	0.026
L752690	0.08	3.59
L752691	0.24	0.036
L752692	0.24	0.004
L752693	0.28	0.006
L752694	0.22	0.140
L752695	0.48	<0.001
L752696	0.26	0.008
L752697	0.28	<0.001
L752698	0.20	0.016
L752699	0.24	<0.001
L752700	0.08	0.881
L752551	0.24	0.013
L752552	0.24	0.091
L752553	0.28	0.003
L752554	0.30	0.006
L752555	0.28	0.017
L752556	0.28	0.011

Comments: RDL - Reported Detection Limit

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U561741

PROJECT NO:

ATTENTION TO: Patrick Olivier

Solid Analysis

RPT Date: Jan 27, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3032046	0.0363	0.0447	20.7%	< 0.001	0.32	0.321	100%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3032058	0.0032	0.0041	24.7%	< 0.001				90%	110%

Certified By:

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 11U561741

PROJECT NO:

ATTENTION TO: Patrick Olivier

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: Matt Bridge

PROJECT NO:

AGAT WORK ORDER: 12U565473

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Feb 13, 2012

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

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Certificate of Analysis

AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171101	0.36	0.013
E5171102	0.18	0.327
E5171103	0.38	0.347
E5171104	0.26	0.164
E5171105	0.20	0.207
E5171106	0.28	0.274
E5171107	0.20	0.002
E5171108	0.40	0.077
E5171109	0.18	0.011
E5171110	0.32	0.055
E5171111	0.38	0.053
E5171112	0.24	0.042
E5171113	0.30	0.004
E5171114	0.58	0.035
E5171115	0.18	0.099
E5171116	0.32	0.136
E5171117	0.32	0.006
E5171118	0.18	0.036
E5171119	0.38	0.004
E5171120	0.08	0.867
E5171121	0.34	0.002
E5171122	0.16	0.016
E5171123	0.36	0.055
E5171124	0.32	<0.001
E5171125	0.34	0.013
E5171126	0.32	0.006
E5171127	0.32	0.001
E5171128	0.34	<0.001
E5171129	0.32	0.145
E5171130	0.34	0.035
E5171131	0.34	0.054

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Certificate of Analysis

AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171132	0.34	0.030
E5171133	0.10	<0.001
E5171134	0.34	<0.001
E5171135	0.24	0.008
E5171136	0.34	0.002
E5171137	0.36	0.004
E5171138	0.32	0.002
E5171139	0.36	0.017
E5171140	0.08	0.811
E5171141	1.08	<0.001
E5171142	0.34	<0.001
E5171143	0.18	<0.001
E5171144	0.30	<0.001
E5171145	1.08	0.026
E5171146	0.70	0.038
E5171147	0.92	0.083
E5171148	0.92	0.070
E5171149	0.88	0.016
E5171150	0.08	0.179
E5171151	0.80	0.096
E5171152	0.82	0.141
E5171153	0.74	0.041
E5171154	0.84	0.009
E5171155	0.78	<0.001
E5171156	1.22	0.010
E5171157	0.92	<0.001
E5171158	0.90	<0.001
E5171159	0.78	<0.001
E5171160	1.64	<0.001
E5171161	0.92	0.038
E5171162	0.80	<0.001

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AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171163	0.64	<0.001
E5171164	0.84	0.001
E5171165	0.78	0.010
E5171060	0.34	0.526
E5171061	0.14	0.013
E5171062	0.08	0.178
E5171063	0.36	0.676
E5171064	0.44	0.251
E5171065	0.30	0.137
E5171066	0.48	0.077
E5171067	0.36	0.147
E5171068	0.36	0.045
E5171069	0.40	0.027
E5171070	0.32	0.004
E5171071	0.26	0.044
E5171072	0.34	0.003
E5171073	0.34	<0.001
E5171074	0.18	<0.001
E5171075	0.36	<0.001
E5171076	0.36	0.008
E5171077	0.62	0.005
E5171078	0.34	0.003
E5171079	0.34	<0.001
E5171080	0.08	3.39
E5171081	0.62	0.035
E5171082	0.60	0.026
E5171083	0.38	0.023
E5171084	0.58	0.008
E5171085	0.34	0.004
E5171086	0.36	0.011
E5171087	0.44	0.002

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171088	0.34	0.060
E5171089	0.36	0.009
E5171090	0.26	0.071
E5171091	0.78	0.004
E5171092	0.20	0.095
E5171093	0.36	0.001
E5171094	0.34	0.034
E5171095	0.24	0.119
E5171096	0.32	<0.001
E5171097	0.38	0.003
E5171098	0.28	0.010
E5171099	0.40	0.077
E5171100	0.08	0.190
E5171166	0.88	0.012
E5171167	0.76	0.003
E5171168	0.82	0.017
E5171169	0.74	0.211
E5171170	0.08	0.884
E5171171	0.44	0.022
E5171172	0.40	0.140
E5171173	0.44	0.378
E5171174	0.44	0.122
E5171175	0.48	1.12
E5171176	0.38	0.025
E5171177	0.82	0.013
E5171178	0.90	<0.001
E5171179	0.68	<0.001
E5171180	0.76	0.001
E5171181	0.82	0.022
E5171182	0.84	<0.001
E5171183	0.78	<0.001

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171184	0.88	0.002
E5171185	0.90	0.022
E5171186	0.62	<0.001
E5171187	0.78	<0.001
E5171188	0.80	<0.001
E5171189	0.78	0.034
E5171190	0.08	3.46
E5171191	0.80	0.060
E5171192	0.78	0.008
E5171193	0.74	0.001
L752557	0.34	0.058
L752558	0.18	0.114
L752559	0.34	0.124
L752560	0.08	0.195
L752561	0.38	0.046
L752562	0.36	0.046
L752563	0.36	0.023
L752564	0.38	0.008
L752565	0.20	0.091
L752566	0.34	0.001
L752567	0.36	0.012
L752568	0.18	0.197
L752569	0.28	0.181
L752570	0.14	0.163
L752571	0.20	0.007
L752572	0.36	0.224
L752573	0.32	0.003
L752574	0.26	0.380
L752575	0.26	0.275
L752576	0.36	0.050
L752577	0.34	0.071

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
L752578	0.28	0.040
L752579	0.36	0.192
L752580	0.08	3.41
L752581	0.32	0.003
L752582	0.18	0.100
L752583	0.32	0.141
L752584	0.34	0.013
L752585	0.10	<0.001
L752586	0.34	0.003
L752587	0.34	0.017
L752588	0.32	0.004
L752589	0.24	0.026
L752590	0.26	0.055
L752591	0.34	0.022
L752592	0.60	0.078
L752593	0.28	0.003
L752594	0.20	<0.001
L752595	0.44	0.169
L752596	0.52	0.370
L752597	0.44	0.688
L752598	0.36	0.464
L752599	0.34	0.081
L752600	0.08	0.902
E5171194	0.82	0.285
E5171195	0.84	0.004
E5171196	0.90	<0.001
E5171197	0.70	0.001
E5171198	0.94	<0.001
E5171199	0.26	<0.001
E5171200	0.28	<0.001
E5171201	0.72	0.006

Certified By:

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AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 12U565473

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: Matt Bridge

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 12, 2012 | DATE RECEIVED: Jan 12, 2012 | DATE REPORTED: Feb 13, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171202	0.88	0.001
E5171203	0.88	<0.001
E5171204	0.70	<0.001
E5171205	1.02	<0.001
E5171206	0.84	<0.001
E5171207	0.78	<0.001
E5171208	0.70	0.003
E5171209	0.74	<0.001
E5171210	0.08	0.187
E5171211	0.90	0.004
E5171212	0.90	0.017
E5171213	0.68	<0.001

Comments: RDL - Reported Detection Limit

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 12U565473

PROJECT NO:

ATTENTION TO: Matt Bridge

Solid Analysis

RPT Date: Feb 13, 2012

PARAMETER	Batch	REPLICATE Sample Id	Original	Rep #1	RPD	Method Blank	REFERENCE MATERIAL Result Value	Expect Value	Recovery	Acceptable Limits Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055657	0.017	0.042		< 0.001	0.404	0.417	97%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055559	0.042	0.055	26.8%	< 0.001	0.0765	0.0849	90%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055674	0.022	0.010		< 0.001	0.413	0.417	99%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055583	0.002	0.002	0.0%	< 0.001	0.872	0.922	95%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055598	0.0964	0.104	7.6%	< 0.001	0.0742	0.0849	87%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055712	0.003	0.003	0.0%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055725	0.464	0.448	3.5%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3055737	< 0.001	0.028		< 0.001				90%	110%

Certified By:

Results relate only to the items tested and to all the items tested

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 12U565473

PROJECT NO:

ATTENTION TO: Matt Bridge

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: MATT BRIDGE

PROJECT NO:

AGAT WORK ORDER: 12U567595

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Feb 07, 2012

PAGES (INCLUDING COVER): 4

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested and to all the items tested

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 12U567595

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: MATT BRIDGE

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jan 20, 2012 | DATE RECEIVED: Jan 20, 2012 | DATE REPORTED: Feb 07, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171214	0.18	0.019
E5171215	0.15	<0.001
E5171216	0.27	<0.001
E5171217	0.16	0.004
E5171218	0.28	0.001
E5171219	0.26	0.012
E5171220	0.25	0.001

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 12U567595

PROJECT NO:

ATTENTION TO: MATT BRIDGE

Solid Analysis

RPT Date: Feb 07, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1		1.30	1.30	0.0%	< 0.001	0.31	0.321	97%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1					< 0.001	0.198	0.203	98%	90%	110%

Certified By:

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 12U567595

PROJECT NO:

ATTENTION TO: MATT BRIDGE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD.
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WESLEY WHYMARK

PROJECT NO:

AGAT WORK ORDER: 12U573159

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Feb 27, 2012

PAGES (INCLUDING COVER): 4

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 12U573159

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

ATTENTION TO: WESLEY WHYMARK

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Feb 09, 2012 | DATE RECEIVED: Feb 09, 2012 | DATE REPORTED: Feb 27, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
E5171260	0.20	0.033
E5171261	0.24	0.757
E5171262	0.22	0.185
E5171263	0.32	0.013
E5171264	0.14	0.644
E5171265	0.22	0.030
E5171266	0.36	0.044
E5171267	0.48	0.005
E5171268	0.30	0.007
E5171269	0.22	0.692
E5171270	1.00	<0.001
E5171271	0.44	0.181
E5171272	0.20	0.147
E5171273	0.36	0.030

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 12U573159

PROJECT NO:

ATTENTION TO: WESLEY WHYMARK

Solid Analysis

RPT Date: Feb 27, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3106573	0.033	0.049		< 0.001	0.303	0.321	94%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3106586	0.147	0.128	13.8%	< 0.001				90%	110%

Certified By:

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Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD.

AGAT WORK ORDER: 12U573159

PROJECT NO:

ATTENTION TO: WESLEY WHYMARK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested