ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **MOUNT LOGAN RESOURCES LTD.**
101-957 CAMBRIAN HEIGHTS
SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE SD11199245

Project:

P.O. No.:

This report is for 86 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 2-OCT-2011.

The following have access to data associated with this certificate:

ANDY BITE MOUNT LOGAN/GINGURO WEBTRIEV	NATHAN GLENTWORTH WINSTON WHYMARK	CHANGCHENG LI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SPL-34	Pulp Splitting Charge
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **MOUNT LOGAN RESOURCES LTD.**
ATTN: CHANGCHENG LI
101-957 CAMBRIAN HEIGHTS
SUDBURY ON P3C 5S5

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.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
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CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
L757476		0.64	<0.005	<0.2	3.40	<2	<10	50	0.5	<2	4.17	<0.5	15	108	4	4.57
L757477		1.02	<0.005	<0.2	3.45	<2	<10	110	<0.5	<2	0.18	<0.5	25	97	11	5.11
L757478		1.14	<0.005	0.2	3.92	<2	<10	130	<0.5	<2	0.32	<0.5	30	157	15	5.71
L757479		0.76	<0.005	<0.2	4.29	<2	<10	130	<0.5	<2	0.22	<0.5	27	186	9	6.14
L757480		0.12	0.008	<0.2	1.59	<2	<10	70	<0.5	<2	4.14	<0.5	11	52	25	2.41
L757481		0.82	0.009	<0.2	4.51	2	<10	70	<0.5	<2	0.32	<0.5	37	241	3	6.85
L757482		0.88	<0.005	<0.2	4.12	<2	<10	160	<0.5	<2	0.25	<0.5	23	121	9	5.96
L757483		0.62	<0.005	0.2	3.98	2	<10	200	<0.5	<2	0.25	<0.5	26	132	9	5.72
L757484		1.14	<0.005	<0.2	3.55	<2	<10	320	<0.5	<2	0.22	<0.5	20	77	7	5.21
L757485		0.82	<0.005	<0.2	3.60	<2	<10	60	<0.5	<2	0.25	<0.5	31	112	9	5.52
L757486		0.86	<0.005	<0.2	4.20	<2	<10	220	<0.5	<2	0.31	<0.5	24	190	11	6.06
L757487		0.86	0.005	<0.2	3.62	3	<10	130	<0.5	<2	0.28	<0.5	38	125	45	5.50
L757488		0.86	<0.005	<0.2	4.24	3	<10	420	<0.5	<2	0.26	<0.5	34	108	10	6.21
L757489		0.84	<0.005	<0.2	4.40	<2	<10	460	<0.5	<2	0.30	<0.5	23	249	8	6.23
L757490		0.78	<0.005	<0.2	5.27	<2	<10	320	<0.5	<2	0.26	<0.5	34	310	15	7.50
L757491		0.90	<0.005	<0.2	3.91	<2	<10	130	<0.5	<2	0.26	<0.5	29	111	11	5.72
L757492		0.72	<0.005	0.2	4.37	<2	<10	110	<0.5	<2	0.28	<0.5	27	167	11	6.25
L757493		0.80	<0.005	<0.2	4.38	<2	<10	150	<0.5	<2	0.32	<0.5	23	154	15	6.39
L757494		0.82	<0.005	<0.2	3.53	3	<10	90	<0.5	<2	0.22	<0.5	29	101	10	5.11
L757495		0.82	<0.005	<0.2	3.90	<2	<10	70	<0.5	<2	0.24	<0.5	27	94	10	5.60
L757496		0.92	<0.005	<0.2	5.24	<2	<10	180	<0.5	<2	0.35	<0.5	25	316	8	7.25
L757497		0.76	<0.005	<0.2	4.64	9	<10	200	<0.5	<2	0.47	<0.5	42	99	15	6.57
L757498		0.96	<0.005	<0.2	5.13	2	<10	90	<0.5	<2	0.35	<0.5	36	129	29	7.19
L757499		0.88	<0.005	<0.2	5.11	<2	<10	80	<0.5	<2	0.57	<0.5	27	118	33	8.45
L757500		0.06	0.449	0.2	2.21	19	<10	490	0.8	<2	3.07	<0.5	19	118	129	8.11
L757501		1.00	<0.005	<0.2	4.48	<2	<10	70	<0.5	<2	0.41	<0.5	35	100	25	6.34
L757502		0.84	<0.005	<0.2	3.48	2	<10	70	<0.5	<2	0.25	<0.5	25	212	10	4.42
L757503		1.38	<0.005	<0.2	3.97	<2	<10	50	<0.5	<2	0.20	<0.5	23	268	17	4.93
L757504		1.88	<0.005	<0.2	3.15	<2	<10	40	<0.5	<2	0.16	<0.5	22	227	28	3.94
L757505		0.76	<0.005	<0.2	2.49	<2	<10	60	<0.5	<2	0.14	<0.5	21	180	64	3.30
L757506		0.84	<0.005	<0.2	2.62	<2	<10	60	<0.5	<2	0.13	<0.5	27	192	103	3.81
L757507		0.62	<0.005	<0.2	2.54	<2	<10	50	<0.5	<2	0.12	<0.5	23	175	93	3.70
L757508		0.76	<0.005	<0.2	2.38	<2	<10	60	<0.5	<2	0.15	<0.5	21	145	85	3.44
L757509		0.76	<0.005	<0.2	2.10	<2	<10	50	<0.5	<2	0.11	<0.5	23	75	95	3.19
L757510		1.08	<0.005	<0.2	1.77	<2	<10	40	<0.5	<2	0.13	<0.5	22	66	83	2.71
L757511		0.86	<0.005	<0.2	2.45	<2	<10	60	<0.5	<2	0.14	<0.5	20	78	24	3.18
L757551		0.94	0.007	<0.2	3.73	<2	<10	120	0.5	<2	0.29	<0.5	24	137	14	5.76
L757552		0.86	0.009	<0.2	4.01	2	<10	180	0.5	<2	0.28	<0.5	23	78	9	6.32
L757553		0.80	<0.005	<0.2	3.69	<2	<10	140	0.5	<2	0.38	<0.5	18	87	4	5.69
L757554		0.80	<0.005	<0.2	4.02	<2	<10	90	<0.5	<2	0.30	<0.5	21	97	5	6.24

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SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
L757476		10	<1	0.19	20	2.86	864	<1	0.02	75	570	7	0.08	<2	7	18
L757477		10	<1	0.37	10	2.79	667	<1	0.02	71	560	<2	0.21	2	5	5
L757478		10	<1	0.48	10	3.18	741	<1	0.01	80	610	<2	0.26	2	6	6
L757479		10	<1	0.58	<10	3.52	802	<1	0.01	87	720	<2	0.19	<2	7	5
L757480		<10	<1	0.22	20	0.90	376	<1	0.07	33	460	2	0.14	<2	4	122
L757481		10	<1	0.20	10	3.80	903	<1	0.03	111	810	<2	0.38	<2	10	8
L757482		10	<1	0.50	10	3.38	803	<1	0.02	81	630	<2	0.13	<2	9	8
L757483		10	1	0.46	10	3.20	769	<1	0.03	75	620	<2	0.17	<2	7	8
L757484		10	<1	0.47	10	2.93	702	<1	0.02	64	520	2	0.09	<2	8	10
L757485		10	<1	0.19	10	3.08	781	<1	0.01	71	540	<2	0.28	2	7	9
L757486		10	<1	0.61	10	3.42	826	<1	0.02	82	980	<2	0.12	<2	8	7
L757487		10	<1	0.49	10	2.90	726	<1	0.03	87	670	<2	0.39	<2	7	10
L757488		10	1	0.74	10	3.47	833	<1	0.02	80	650	<2	0.27	3	8	8
L757489		10	1	0.78	10	3.53	858	<1	0.03	84	680	<2	0.11	<2	9	8
L757490		10	<1	1.03	<10	4.32	1030	<1	0.02	110	740	2	0.21	<2	12	6
L757491		10	1	0.39	<10	3.23	812	<1	0.02	78	610	<2	0.24	<2	7	7
L757492		10	1	0.38	10	3.59	901	<1	0.02	84	670	<2	0.16	<2	8	8
L757493		10	<1	0.61	10	3.60	904	<1	0.03	88	600	<2	0.12	<2	9	13
L757494		10	<1	0.35	10	2.84	713	<1	0.02	72	600	<2	0.25	<2	6	7
L757495		10	<1	0.25	<10	3.20	792	<1	0.03	77	600	<2	0.22	<2	6	7
L757496		10	<1	1.17	<10	4.25	965	<1	0.04	99	840	<2	0.14	<2	7	15
L757497		10	1	1.33	10	3.69	802	<1	0.04	81	800	3	0.45	<2	5	24
L757498		10	<1	0.67	10	4.31	948	<1	0.02	94	990	<2	0.37	2	9	10
L757499		10	1	0.64	10	4.37	941	<1	0.02	104	740	<2	0.22	<2	10	11
L757500		10	<1	1.31	60	1.58	695	6	0.23	120	2740	12	0.86	6	7	657
L757501		10	<1	0.64	10	3.79	812	<1	0.03	88	750	3	0.33	2	7	19
L757502		10	<1	0.27	10	3.02	615	<1	0.01	147	750	<2	0.08	<2	4	7
L757503		10	<1	0.27	20	3.65	685	<1	0.01	224	740	<2	0.05	<2	4	6
L757504		10	<1	0.28	10	2.85	548	<1	0.01	180	500	<2	0.08	<2	3	6
L757505		10	<1	0.30	10	2.25	415	1	0.01	140	450	9	0.16	<2	2	4
L757506		10	1	0.55	10	2.37	428	<1	0.02	125	390	5	0.38	<2	3	5
L757507		10	1	0.39	10	2.35	419	<1	0.01	120	380	5	0.38	<2	3	4
L757508		10	<1	0.44	20	2.06	375	<1	0.02	103	420	5	0.41	<2	2	6
L757509		<10	<1	0.41	20	1.85	335	<1	0.01	88	340	8	0.48	<2	2	3
L757510		<10	<1	0.41	20	1.53	263	<1	0.01	74	310	11	0.42	<2	1	5
L757511		10	<1	0.40	20	2.06	365	<1	0.01	84	370	7	0.32	<2	2	5
L757551		10	1	0.53	30	3.13	697	<1	0.02	92	910	<2	0.26	<2	7	6
L757552		10	1	1.09	10	3.47	751	<1	0.04	75	700	2	0.23	<2	8	6
L757553		10	<1	0.72	10	3.12	722	<1	0.04	65	670	2	0.07	2	7	12
L757554		10	<1	0.55	10	3.47	801	<1	0.04	73	720	<2	0.14	<2	8	8

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SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
L757476		<20	0.03	<10	<10	67	<10	59
L757477		<20	0.06	<10	<10	67	<10	69
L757478		<20	0.06	<10	<10	75	<10	77
L757479		<20	0.08	<10	<10	92	<10	86
L757480		<20	0.11	<10	<10	44	<10	41
L757481		<20	0.11	<10	<10	119	<10	94
L757482		<20	0.11	<10	<10	103	<10	86
L757483		<20	0.09	<10	<10	85	<10	79
L757484		<20	0.10	<10	<10	88	<10	74
L757485		<20	0.08	<10	<10	92	<10	80
L757486		<20	0.11	<10	<10	96	<10	85
L757487		<20	0.12	<10	<10	91	<10	75
L757488		<20	0.14	<10	<10	106	<10	89
L757489		<20	0.17	<10	<10	110	<10	89
L757490		<20	0.18	<10	<10	135	<10	111
L757491		<20	0.11	<10	<10	90	<10	82
L757492		<20	0.13	<10	<10	104	<10	89
L757493		<20	0.17	<10	<10	121	<10	92
L757494		<20	0.09	<10	<10	76	<10	72
L757495		<20	0.08	<10	<10	80	<10	80
L757496		<20	0.18	<10	<10	137	<10	107
L757497		<20	0.22	<10	<10	126	<10	96
L757498		<20	0.14	<10	<10	129	<10	105
L757499		<20	0.15	<10	<10	135	<10	104
L757500		20	0.14	<10	<10	80	<10	66
L757501		<20	0.15	<10	<10	134	<10	93
L757502		<20	0.06	<10	<10	45	<10	67
L757503		<20	0.03	<10	<10	45	<10	75
L757504		<20	0.04	<10	<10	37	<10	64
L757505		<20	0.03	<10	<10	27	<10	86
L757506		<20	0.06	<10	<10	35	<10	78
L757507		<20	0.04	<10	<10	31	<10	157
L757508		<20	0.06	<10	<10	29	<10	69
L757509		<20	0.03	<10	<10	24	<10	100
L757510		<20	0.04	<10	<10	21	<10	146
L757511		<20	0.05	<10	<10	26	<10	59
L757551		<20	0.10	<10	<10	68	<10	76
L757552		<20	0.19	<10	<10	115	<10	83
L757553		<20	0.19	<10	<10	92	<10	82
L757554		<20	0.15	<10	<10	92	<10	86

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SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
L757555		0.82	<0.005	<0.2	4.06	3	<10	80	<0.5	<2	0.26	<0.5	23	108	5	6.36
L757556		0.86	<0.005	<0.2	4.40	<2	<10	110	<0.5	<2	0.45	<0.5	24	188	11	6.80
L757557		0.84	0.006	<0.2	4.54	3	<10	70	<0.5	2	0.29	<0.5	30	131	6	7.06
L757558		0.84	<0.005	<0.2	4.81	<2	<10	50	<0.5	<2	0.30	<0.5	21	128	3	7.22
L757559		0.82	0.026	<0.2	4.13	<2	<10	50	<0.5	<2	0.36	<0.5	21	186	10	6.27
L757560		1.10	<0.005	<0.2	1.42	2	<10	50	<0.5	<2	3.85	<0.5	10	41	26	2.08
L757561		0.80	<0.005	<0.2	4.71	<2	<10	50	<0.5	<2	0.36	<0.5	23	130	10	7.36
L757562		0.84	0.015	<0.2	3.96	3	<10	60	<0.5	<2	0.42	<0.5	28	84	15	6.68
L757563		0.82	<0.005	<0.2	4.64	2	<10	110	0.5	<2	0.37	<0.5	23	105	7	7.12
L757564		0.82	<0.005	<0.2	4.90	<2	<10	130	0.5	<2	0.41	<0.5	26	112	5	7.54
L757565		0.88	<0.005	<0.2	4.83	<2	<10	120	0.5	<2	0.40	<0.5	26	79	7	7.51
L757566		0.84	<0.005	<0.2	5.16	<2	<10	80	<0.5	2	0.28	<0.5	26	189	13	8.00
L757567		0.90	<0.005	<0.2	4.83	<2	<10	120	0.5	<2	0.33	<0.5	25	157	7	7.39
L757568		0.80	<0.005	<0.2	5.17	<2	<10	130	0.6	<2	0.36	<0.5	31	48	4	8.07
L757569		0.88	<0.005	<0.2	5.11	<2	<10	190	0.7	<2	0.56	<0.5	23	131	1	7.61
L757570		0.82	<0.005	<0.2	4.60	<2	<10	90	0.5	2	0.37	<0.5	24	152	8	7.17
L757571		0.80	0.005	<0.2	4.25	3	<10	50	<0.5	<2	0.38	<0.5	33	152	24	7.05
L757572		0.80	<0.005	<0.2	3.65	<2	<10	70	<0.5	<2	0.45	<0.5	34	75	20	6.11
L757573		0.80	<0.005	<0.2	4.57	<2	<10	80	0.5	<2	0.38	<0.5	23	225	12	7.16
L757574		0.74	<0.005	<0.2	4.73	<2	<10	70	<0.5	2	0.28	<0.5	25	131	23	7.47
L757575		0.80	<0.005	<0.2	3.99	<2	<10	80	<0.5	<2	0.26	<0.5	18	101	10	6.23
L757576		0.78	<0.005	<0.2	4.81	<2	<10	50	<0.5	<2	0.25	<0.5	24	139	20	7.44
L757577		0.76	<0.005	<0.2	4.54	<2	<10	50	<0.5	<2	0.27	<0.5	22	142	19	6.90
L757578		0.78	<0.005	<0.2	4.85	<2	<10	90	<0.5	3	0.28	<0.5	18	155	23	7.32
L757579		0.84	0.005	<0.2	4.40	<2	<10	50	<0.5	<2	0.27	<0.5	25	128	40	6.68
L757580		0.06	0.450	0.2	1.98	18	<10	510	0.7	2	2.83	<0.5	18	107	121	7.83
L757581		0.84	0.006	<0.2	3.43	4	<10	70	<0.5	<2	0.28	<0.5	38	115	89	5.23
L757582		0.84	<0.005	<0.2	3.09	7	<10	70	<0.5	<2	0.23	<0.5	39	134	68	4.72
L757583		0.90	0.076	1.2	2.82	4	<10	60	<0.5	<2	0.22	<0.5	41	119	601	4.42
L757584		0.82	0.048	0.4	2.98	6	<10	90	<0.5	<2	0.23	<0.5	32	114	218	4.35
L757585		0.80	<0.005	0.2	2.67	3	<10	70	<0.5	<2	0.19	<0.5	25	117	99	3.99
L757586		0.84	<0.005	0.2	2.34	4	<10	60	<0.5	<2	0.11	<0.5	25	143	53	3.57
L757587		0.82	<0.005	0.3	2.19	<2	<10	60	<0.5	<2	0.12	<0.5	17	122	53	3.29
L757588		0.74	<0.005	0.2	2.15	<2	<10	80	<0.5	<2	0.20	0.8	18	100	41	3.09
L757589		0.66	<0.005	<0.2	1.43	2	<10	30	<0.5	<2	0.09	<0.5	11	82	15	2.21
L757590		0.76	0.031	<0.2	2.38	3	<10	40	<0.5	2	0.16	<0.5	26	87	66	3.42
L757591		0.60	0.007	<0.2	2.74	<2	<10	70	<0.5	<2	0.20	<0.5	23	80	69	3.67
L757592		1.40	0.010	<0.2	2.51	4	<10	70	<0.5	<2	0.16	<0.5	32	78	64	3.44
L757593		0.68	<0.005	<0.2	2.70	<2	<10	80	<0.5	<2	0.15	<0.5	13	91	30	3.56
L757594		0.80	0.006	<0.2	2.76	3	<10	80	<0.5	<2	0.15	<0.5	28	117	88	3.80

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To: **MOUNT LOGAN RESOURCES LTD.**
101-957 CAMBRIAN HEIGHTS
SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L757555		10	1	0.41	<10	3.51	823	<1	0.03	74	650	2	0.21	<2	9	5
L757556		10	<1	0.35	10	3.80	891	<1	0.03	91	1380	<2	0.23	<2	10	8
L757557		10	<1	0.28	<10	3.97	931	<1	0.04	92	760	2	0.24	2	10	5
L757558		10	<1	0.29	<10	4.22	981	<1	0.03	96	870	<2	0.06	<2	11	6
L757559		10	<1	0.31	20	3.54	831	<1	0.04	92	930	2	0.13	3	10	15
L757560		<10	<1	0.21	20	0.84	289	<1	0.07	29	390	4	0.14	<2	3	94
L757561		10	<1	0.26	<10	4.10	980	<1	0.03	86	660	<2	0.15	<2	11	7
L757562		10	<1	0.44	10	3.45	822	<1	0.03	71	660	2	0.52	2	8	8
L757563		10	<1	0.79	10	3.99	917	<1	0.04	93	890	<2	0.17	<2	8	10
L757564		10	1	1.01	<10	4.24	955	<1	0.04	86	820	3	0.15	2	8	12
L757565		10	<1	0.95	<10	4.17	947	<1	0.04	84	780	2	0.20	<2	8	12
L757566		20	<1	0.56	<10	4.51	1045	<1	0.03	104	730	<2	0.19	<2	8	7
L757567		10	<1	1.03	10	4.16	929	<1	0.03	83	740	<2	0.17	<2	8	12
L757568		10	<1	1.09	<10	4.49	998	<1	0.04	83	630	<2	0.32	<2	9	10
L757569		10	1	1.61	10	4.31	942	<1	0.04	87	1370	<2	0.04	<2	9	19
L757570		10	1	0.77	<10	4.01	902	<1	0.04	88	680	<2	0.20	<2	7	11
L757571		10	<1	0.44	<10	3.77	870	<1	0.04	84	770	<2	0.42	<2	8	10
L757572		10	<1	0.63	10	3.12	721	<1	0.05	67	600	<2	0.45	2	6	16
L757573		10	<1	0.86	10	3.95	888	<1	0.03	87	600	<2	0.17	<2	7	16
L757574		10	<1	0.59	<10	4.10	926	<1	0.04	92	660	<2	0.23	2	8	9
L757575		10	1	0.66	<10	3.44	768	<1	0.04	72	620	5	0.13	<2	7	7
L757576		10	<1	0.33	10	4.25	953	<1	0.03	93	720	<2	0.20	<2	9	5
L757577		10	1	0.31	10	4.00	884	<1	0.03	88	730	<2	0.15	3	8	5
L757578		10	<1	1.01	10	4.23	894	<1	0.03	87	800	<2	0.15	<2	8	7
L757579		10	<1	0.48	10	3.91	834	<1	0.03	85	660	<2	0.25	<2	7	8
L757580		<10	<1	1.24	50	1.51	643	7	0.21	113	2520	13	0.85	5	6	595
L757581		10	<1	0.28	20	3.00	645	<1	0.02	105	930	6	0.37	<2	5	8
L757582		10	<1	0.24	20	2.75	578	1	0.02	120	820	3	0.37	<2	3	6
L757583		10	<1	0.23	20	2.48	516	<1	0.01	138	770	3	0.52	<2	3	6
L757584		10	<1	0.30	10	2.52	520	<1	0.02	125	720	2	0.37	<2	3	7
L757585		<10	<1	0.28	20	2.30	474	1	0.01	131	670	5	0.33	<2	2	6
L757586		<10	<1	0.37	10	2.05	423	<1	0.01	107	350	5	0.31	<2	2	4
L757587		<10	<1	0.38	10	1.91	392	<1	0.01	106	390	9	0.31	<2	2	5
L757588		<10	<1	0.38	20	1.79	379	1	0.01	129	690	15	0.21	<2	2	7
L757589		<10	<1	0.09	10	1.34	241	<1	0.02	40	250	5	0.15	<2	2	5
L757590		<10	<1	0.13	10	2.17	380	<1	0.04	75	440	2	0.33	<2	4	7
L757591		10	<1	0.27	20	2.39	415	<1	0.02	90	690	<2	0.20	<2	3	6
L757592		<10	<1	0.26	10	2.18	384	<1	0.02	100	650	<2	0.29	<2	2	4
L757593		<10	<1	0.28	10	2.31	412	<1	0.02	103	620	<2	0.08	<2	2	4
L757594		<10	<1	0.34	10	2.36	426	<1	0.02	107	630	<2	0.26	<2	2	4

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To: **MOUNT LOGAN RESOURCES LTD.**
101-957 CAMBRIAN HEIGHTS
SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
L757555		<20	0.13	<10	<10	101	<10	88
L757556		<20	0.11	<10	<10	102	<10	94
L757557		<20	0.14	<10	<10	112	<10	102
L757558		<20	0.12	<10	<10	117	<10	104
L757559		<20	0.12	<10	<10	102	<10	100
L757560		<20	0.10	<10	<10	40	<10	36
L757561		<20	0.12	<10	<10	112	<10	104
L757562		<20	0.13	<10	<10	98	<10	87
L757563		<20	0.17	<10	<10	114	<10	102
L757564		<20	0.23	<10	<10	134	<10	106
L757565		<20	0.20	<10	<10	115	<10	106
L757566		<20	0.13	<10	<10	118	<10	114
L757567		<20	0.19	<10	<10	114	<10	104
L757568		<20	0.26	<10	<10	158	<10	114
L757569		<20	0.30	<10	<10	140	<10	107
L757570		<20	0.17	<10	<10	106	<10	98
L757571		<20	0.13	<10	<10	105	<10	97
L757572		<20	0.15	<10	<10	81	<10	77
L757573		<20	0.17	<10	<10	96	<10	101
L757574		<20	0.14	<10	<10	101	<10	102
L757575		<20	0.14	<10	<10	84	<10	101
L757576		<20	0.10	<10	<10	99	<10	104
L757577		<20	0.11	<10	<10	93	<10	116
L757578		<20	0.16	<10	<10	109	<10	104
L757579		<20	0.12	<10	<10	85	<10	96
L757580		20	0.13	<10	<10	73	<10	63
L757581		<20	0.07	<10	<10	56	<10	78
L757582		<20	0.04	<10	<10	40	<10	68
L757583		<20	0.05	<10	<10	34	<10	74
L757584		<20	0.06	<10	<10	35	<10	67
L757585		<20	0.05	<10	<10	31	<10	59
L757586		<20	0.05	<10	<10	24	<10	78
L757587		<20	0.05	<10	<10	22	<10	93
L757588		<20	0.05	<10	<10	25	<10	284
L757589		<20	0.01	<10	<10	22	<10	29
L757590		<20	0.03	<10	<10	39	<10	44
L757591		<20	0.03	<10	<10	35	<10	48
L757592		<20	0.01	<10	<10	28	<10	47
L757593		<20	0.01	<10	<10	30	<10	49
L757594		<20	0.02	<10	<10	32	<10	51

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101-957 CAMBRIAN HEIGHTS
SUDBURY ON P3C 5S5

Finalized Date: 29-OCT-2011
Account: MNTLGN

CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
L757595		0.66	0.021	<0.2	2.34	<2	<10	70	<0.5	<2	0.14	<0.5	29	82	101	3.28
L757596		1.24	0.017	<0.2	2.53	<2	<10	80	<0.5	<2	0.12	<0.5	18	97	51	3.72
L757597		0.78	0.006	<0.2	3.72	2	<10	110	<0.5	<2	0.17	<0.5	29	129	27	5.83
L757598		0.84	0.012	<0.2	3.17	11	<10	280	<0.5	<2	0.61	<0.5	30	122	79	5.58
L757599		0.76	<0.005	0.4	3.21	2	<10	130	<0.5	3	0.27	<0.5	33	114	44	5.39
L757600		0.40	<0.005	0.2	1.38	7	<10	50	<0.5	<2	3.87	<0.5	10	42	30	2.32

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SUDBURY ON P3C 5S5

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CERTIFICATE OF ANALYSIS SD11199245

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L757595		<10	<1	0.22	10	2.01	374	<1	0.01	95	590	<2	0.18	<2	2	4
L757596		<10	<1	0.23	10	2.11	400	<1	0.02	101	480	<2	0.31	<2	2	4
L757597		10	<1	0.52	<10	3.37	655	<1	0.02	90	480	<2	0.53	<2	7	5
L757598		10	<1	0.63	<10	2.86	565	<1	0.03	71	660	2	0.55	<2	8	9
L757599		10	1	0.74	<10	2.74	538	<1	0.03	64	550	2	0.64	<2	6	8
L757600		<10	1	0.18	10	0.88	323	<1	0.05	31	420	3	0.14	<2	3	88

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Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
L757595		<20	0.01	<10	<10	27	<10	44
L757596		<20	0.01	<10	<10	31	<10	46
L757597		<20	0.06	<10	<10	91	<10	82
L757598		<20	0.12	<10	<10	106	<10	76
L757599		<20	0.14	<10	<10	90	<10	72
L757600		<20	0.10	<10	<10	42	<10	36