ALS Canada Ltd.

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

To: **CANADIAN MALARTIC CORPORATION**
KIRKLAND LAKE PROJECTS
72 UPPER CANADA DRIVE, P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 16-MAY-2015
Account: OSIKLI

CERTIFICATE SD15069618

Project: CLAIM 4273901

P.O. No.: KL001030

This report is for 11 Pulp samples submitted to our lab in Sudbury, ON, Canada on 13-MAY-2015.

The following have access to data associated with this certificate:

CHRISTOPHER CLARKE	MIKE FELL	CHRISTAL HANUSZCZAK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES

To: **CANADIAN MALARTIC CORPORATION**
ATTN: MIKE FELL
KIRKLAND LAKE PROJECTS
72 UPPER CANADA DRIVE, P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16-MAY-2015
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CERTIFICATE OF ANALYSIS SD15069618

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1
L767589		121.0	10.0	150	1.37	3.92	2.44	1.04	17.2	3.47	1.9	0.79	3.8	0.35	3.3	8.8
L767590		186.0	9.0	140	0.71	3.71	2.32	1.06	17.1	3.09	1.7	0.71	3.3	0.29	3.1	7.2
L767591		74.5	11.2	70	0.82	4.60	2.84	1.25	19.1	3.92	2.4	0.97	3.9	0.40	4.1	9.5
L767592		20.6	10.1	150	0.43	4.03	2.57	1.16	18.6	3.30	2.1	0.80	3.5	0.38	3.6	8.4
L767593		80.7	12.4	320	1.35	4.30	2.64	0.77	17.1	3.45	2.1	0.90	4.8	0.39	3.5	8.9
L767594		66.4	8.1	290	1.62	3.13	2.00	0.66	16.0	2.67	1.4	0.61	3.1	0.27	2.2	6.5
L767595		74.8	8.0	220	1.13	2.70	2.01	0.61	16.2	2.50	1.3	0.62	3.3	0.29	2.3	5.9
L767596		217	12.1	180	3.79	5.18	2.84	1.15	19.1	4.54	2.6	0.96	3.6	0.45	4.0	11.4
R324843		355	27.3	50	7.94	2.60	1.73	0.83	16.3	2.98	2.5	0.55	13.7	0.24	6.6	14.2
R324846		21.9	1.0	10	0.05	0.34	0.27	0.04	0.8	0.28	<0.2	0.07	1.1	0.03	0.5	0.8
L767597		34.1	10.6	160	1.25	4.49	2.40	1.24	20.3	3.63	2.2	0.88	3.8	0.39	3.5	8.7

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72 UPPER CANADA DRIVE, P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 16-MAY-2015
Account: OSIKLI

Project: CLAIM 4273901

CERTIFICATE OF ANALYSIS SD15069618

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2
L767589		1.55	19.4	2.46	1	71.1	0.1	0.55	0.27	0.34	1.19	365	3	20.1	2.18	74
L767590		1.47	12.0	2.44	<1	227	0.1	0.52	0.22	0.32	0.05	377	1	19.3	2.13	68
L767591		1.76	9.7	3.01	<1	163.0	0.2	0.64	0.30	0.40	0.09	508	<1	23.3	2.55	89
L767592		1.58	0.9	2.50	<1	208	0.1	0.60	0.24	0.38	0.05	432	<1	21.9	2.43	85
L767593		1.82	4.8	2.72	1	110.0	0.1	0.60	0.46	0.41	0.17	364	<1	22.7	2.76	69
L767594		1.21	3.1	2.07	<1	119.0	0.1	0.44	0.26	0.28	0.05	285	<1	17.6	1.91	48
L767595		1.16	3.7	2.08	<1	119.0	0.1	0.40	0.33	0.29	0.08	259	<1	16.0	1.89	44
L767596		2.09	11.0	3.47	2	89.6	0.2	0.67	0.40	0.42	0.19	516	1	25.2	3.05	91
R324843		3.23	86.2	3.09	2	161.0	0.4	0.42	3.97	0.25	1.22	80	5	15.0	1.71	88
R324846		0.18	1.7	0.20	<1	76.6	<0.1	0.05	0.14	0.04	0.20	<5	<1	3.0	0.27	<2
L767597		1.65	1.0	2.79	1	413	0.1	0.66	0.23	0.35	0.07	457	1	22.1	2.31	80

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To: **CANADIAN MALARTIC CORPORATION**
KIRKLAND LAKE PROJECTS
72 UPPER CANADA DRIVE, P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 16-MAY-2015
Account: OSIKLI

Project: CLAIM 4273901

CERTIFICATE OF ANALYSIS SD15069618

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01
L767589		61.3	12.95	9.41	2.84	3.71	3.06	0.64	0.02	1.79	0.09	0.32	0.01	0.01	4.60	100.75
L767590		45.8	12.40	12.05	8.23	4.19	3.20	0.41	0.02	1.67	0.26	0.21	0.03	0.02	11.35	99.84
L767591		45.4	11.70	16.80	6.08	6.36	1.86	0.31	0.01	2.15	0.24	0.29	0.02	0.01	8.19	99.42
L767592		48.7	13.00	15.75	6.72	6.46	1.49	0.04	0.02	1.90	0.19	0.25	0.02	<0.01	5.31	99.85
L767593		49.7	13.50	13.80	5.61	8.16	4.33	0.20	0.04	1.21	0.20	0.08	0.01	0.01	3.20	100.05
L767594		48.0	14.80	10.85	10.50	8.07	2.16	0.15	0.04	0.83	0.20	0.06	0.01	0.01	3.89	99.57
L767595		48.6	15.95	10.10	11.75	7.53	1.80	0.19	0.03	0.76	0.17	0.05	0.01	0.01	3.19	100.14
L767596		49.1	16.45	11.20	4.15	7.31	4.25	0.62	0.02	2.19	0.15	0.28	0.01	0.02	4.67	100.42
R324843		66.3	13.95	7.75	1.78	1.42	0.80	3.11	0.01	0.46	0.13	0.17	0.02	0.04	5.00	100.94
R324846		8.68	0.35	0.23	49.2	2.65	0.09	0.05	<0.01	0.01	0.02	0.02	0.01	<0.01	38.6	99.91
L767597		46.9	13.70	15.05	9.31	5.73	1.85	0.04	0.02	1.93	0.26	0.25	0.05	<0.01	4.62	99.71

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72 UPPER CANADA DRIVE, P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 16-MAY-2015
Account: OSIKLI

Project: CLAIM 4273901

CERTIFICATE OF ANALYSIS SD15069618

Sample Description	Method / Analyte / Units / LOR	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Tl ppm 10	ME-4ACD81 Zn ppm 2
L767589		<0.5	<5	<0.5	49	81	30	<1	54	<2	45	<10	73
L767590		<0.5	7	<0.5	44	105	50	<1	66	<2	43	<10	100
L767591		<0.5	<5	<0.5	43	92	30	<1	33	<2	47	10	97
L767592		<0.5	5	<0.5	46	98	20	<1	53	<2	48	10	99
L767593		<0.5	<5	<0.5	49	67	10	<1	89	<2	45	10	81
L767594		<0.5	<5	<0.5	45	127	10	<1	107	<2	43	<10	66
L767595		<0.5	<5	<0.5	43	112	10	<1	94	<2	40	10	58
L767596		<0.5	<5	<0.5	43	137	30	<1	87	<2	52	<10	115
R324843		4.6	31	4.4	13	3500	30	20	24	112	8	<10	903
R324846		<0.5	<5	<0.5	1	2	<10	<1	<1	3	<1	<10	4
L767597		<0.5	7	<0.5	54	127	10	<1	70	<2	50	<10	100

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CERTIFICATE OF ANALYSIS SD15069618

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
FND-02	ME-4ACD81	ME-ICP06	ME-MS81
OA-GRA05	TOT-ICP06		