ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **GOLDEN VALLEY MINES LTD.**
152, CHEMIN DE LA MINE ECOLE
VAL D-OR QC J9P 7B6

Finalized Date: 11-JAN-2017
This copy reported on
16-JAN-2017
Account: GOLVAL

CERTIFICATE VO16220421

Project: C-ML

This report is for 29 Rock samples submitted to our lab in Val d'Or, QC, Canada on 15-DEC-2016.

The following have access to data associated with this certificate:

ACCOUNTS PAYABLE	MICHAEL ROSATELLI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	ICP-AES

To: **CLEGHORN MINERALS LTD.**
ATTN: MICHAEL ROSATELLI
152, CHEMIN DE LA MINE ECOLE
VAL D-OR QC J9P 7B6

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: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICATE OF ANALYSIS VO16220421

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au g/t 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
62801		2.14	0.011	<0.5	8.02	12	570	0.8	<2	2.03	5.6	22	328	95	5.51	20
62802		2.00	0.271	0.7	6.69	106	460	0.9	3	0.08	3.3	32	10	190	5.51	10
62803		2.01	<0.005	<0.5	7.09	<5	510	1.2	<2	0.41	<0.5	4	12	23	1.77	20
62804		2.32	0.008	<0.5	6.98	<5	540	1.0	<2	0.75	<0.5	5	12	13	2.37	10
62805		2.47	0.007	<0.5	7.32	8	360	0.5	<2	3.19	0.5	31	313	39	4.79	20
62806		2.16	0.006	<0.5	7.77	5	50	<0.5	<2	7.50	<0.5	52	65	113	9.81	20
62807		2.93	0.015	<0.5	7.10	24	730	1.1	<2	1.06	3.9	4	10	33	2.46	20
62808		3.52	0.014	<0.5	5.74	23	590	0.9	<2	0.62	1.9	10	17	20	2.64	10
62809		2.43	0.009	<0.5	7.83	9	270	0.6	<2	1.69	2.5	22	210	12	6.39	20
62810		2.27	7.01	31.2	6.38	18	380	0.7	58	2.26	153.0	21	71	3730	4.49	10
62811		3.88	0.005	<0.5	7.59	<5	240	0.7	<2	2.04	<0.5	20	4	35	5.16	20
85851		2.98	0.015	<0.5	7.12	30	760	1.1	<2	0.79	1.5	9	8	36	3.06	20
85852		3.18	0.714	4.2	6.51	92	430	0.7	<2	0.27	79.3	26	84	833	5.42	10
85853		2.71	0.047	3.4	6.66	43	510	0.9	<2	0.11	48.8	10	7	593	2.86	10
85854		2.54	<0.005	<0.5	7.49	<5	240	0.7	<2	2.76	0.7	20	5	48	5.10	20
85855		2.47	<0.005	<0.5	6.72	<5	340	1.0	<2	3.33	<0.5	31	209	4	5.23	10
85856		3.40	0.174	0.8	4.87	145	180	0.5	2	0.25	183.0	40	28	275	11.35	10
85857		3.07	<0.005	<0.5	8.22	5	360	0.8	<2	2.79	1.9	16	79	33	3.75	20
85858		4.25	0.019	<0.5	9.54	47	470	1.0	<2	1.23	14.2	20	56	41	8.54	20
85859		3.27	0.012	<0.5	9.00	40	380	0.7	<2	1.44	6.0	23	42	35	6.40	20
85860		3.46	0.011	<0.5	7.73	36	330	0.8	<2	2.87	<0.5	16	2	18	5.43	20
85861		2.60	0.022	<0.5	8.80	10	280	0.7	<2	1.34	1.0	16	58	94	4.34	20
85862		1.80	0.193	<0.5	7.71	24	430	0.8	<2	2.38	<0.5	14	3	75	4.31	20
85863		3.27	<0.005	<0.5	8.19	5	300	0.7	<2	2.12	<0.5	21	102	55	4.16	20
85864		2.79	0.268	2.1	7.81	223	590	0.6	<2	0.98	105.5	33	40	435	9.05	20
85866		3.03	1.525	43.6	5.53	89	270	0.5	93	0.30	246	62	165	1300	9.27	10
85867		0.45	<0.005	<0.5	0.86	5	80	<0.5	<2	0.19	1.2	3	15	12	0.79	<10
85868		1.40	<0.005	<0.5	6.29	11	500	0.9	<2	1.40	3.9	5	11	37	2.44	10
85873		0.85	0.128	1.0	7.20	157	560	0.6	2	0.47	50.8	16	10	296	5.95	20

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152, CHEMIN DE LA MINE ECOLE
VAL D-OR QC J9P 7B6

Finalized Date: 11-JAN-2017
Account: GOLVAL

Project: C-ML

CERTIFICATE OF ANALYSIS VO16220421

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
62801		2.80	10	3.14	992	1	0.31	219	460	2	0.18	<5	16	42	<20	0.28
62802		3.23	20	0.42	193	2	0.07	7	350	13	3.60	<5	7	20	<20	0.24
62803		2.10	20	0.37	125	1	2.55	6	360	5	0.04	<5	7	89	<20	0.25
62804		1.98	30	0.21	332	1	2.79	8	400	3	0.02	<5	8	96	<20	0.23
62805		0.83	10	3.91	926	<1	2.62	207	470	5	0.01	<5	17	248	<20	0.32
62806		0.22	<10	4.07	1755	<1	1.47	80	330	2	0.09	<5	47	109	<20	0.59
62807		3.01	20	0.41	374	1	0.88	5	430	3	0.64	<5	8	60	<20	0.25
62808		2.01	20	0.33	282	1	1.29	4	350	9	0.85	<5	7	65	<20	0.19
62809		1.87	10	2.81	1005	<1	0.62	129	440	2	0.04	<5	20	64	<20	0.25
62810		2.19	20	1.23	651	2	0.37	45	390	248	1.27	<5	13	53	<20	0.21
62811		1.38	10	1.40	661	1	2.48	15	770	3	0.01	<5	16	107	<20	0.53
85851		2.74	20	0.42	279	2	1.31	5	430	6	0.87	<5	8	61	<20	0.25
85852		2.39	10	0.94	289	3	0.22	42	420	59	2.06	<5	13	21	<20	0.30
85853		2.48	20	0.40	146	1	0.85	8	330	82	1.06	<5	7	35	<20	0.22
85854		0.83	10	1.39	802	<1	3.20	15	760	5	0.01	<5	16	218	<20	0.54
85855		1.91	10	2.87	868	<1	0.36	139	420	3	<0.01	<5	18	98	<20	0.27
85856		1.48	<10	1.41	554	<1	0.04	45	390	15	7.74	<5	12	13	<20	0.21
85857		2.21	10	1.58	551	1	2.81	71	640	3	0.10	<5	13	122	<20	0.35
85858		3.58	10	2.37	932	<1	0.08	63	760	7	1.02	<5	24	53	<20	0.33
85859		2.62	10	2.38	1220	<1	0.77	56	760	5	0.61	<5	21	71	<20	0.41
85860		1.71	10	1.22	1170	1	2.22	1	1050	<2	0.35	<5	18	151	<20	0.69
85861		1.01	10	1.51	721	<1	4.05	49	750	3	0.04	<5	15	182	<20	0.41
85862		1.95	20	0.98	1025	1	2.26	1	1550	3	0.23	<5	13	162	<20	0.56
85863		2.32	10	1.96	731	1	1.62	93	630	2	0.04	<5	14	122	<20	0.38
85864		2.77	10	2.19	1390	<1	0.05	66	640	26	3.36	<5	20	27	<20	0.43
85866		1.48	<10	2.11	543	1	0.07	118	390	312	3.62	<5	14	17	<20	0.24
85867		0.30	10	0.07	145	<1	0.16	3	60	<2	0.13	<5	1	12	<20	0.03
85868		1.73	20	0.41	379	1	1.94	4	370	2	0.24	<5	7	93	<20	0.23
85873		2.80	10	1.28	838	1	0.07	16	640	3	1.63	<5	13	22	<20	0.42

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CERTIFICATE OF ANALYSIS VO16220421

Sample Description	Method Analyte Units LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Zn-OG62 Zn % 0.001
62801		<10	<10	93	<10	1105	
62802		<10	<10	29	<10	547	
62803		<10	<10	26	<10	19	
62804		<10	<10	30	<10	31	
62805		<10	<10	121	<10	82	
62806		<10	<10	341	<10	106	
62807		<10	<10	35	<10	570	
62808		<10	<10	29	<10	275	
62809		<10	<10	107	<10	785	
62810		<10	<10	88	40	>10000	2.25
62811		<10	<10	173	<10	123	
85851		<10	<10	39	<10	252	
85852		<10	<10	81	30	>10000	1.460
85853		<10	<10	26	20	8970	
85854		<10	<10	179	<10	183	
85855		<10	<10	104	<10	284	
85856		<10	<10	102	10	>10000	3.60
85857		<10	<10	104	10	478	
85858		<10	<10	192	10	3060	
85859		<10	<10	163	<10	1405	
85860		<10	<10	157	<10	147	
85861		<10	<10	108	<10	219	
85862		<10	<10	63	<10	179	
85863		<10	<10	102	<10	175	
85864		<10	<10	158	<10	>10000	2.17
85866		<10	<10	104	<10	>10000	3.85
85867		<10	<10	5	<10	166	
85868		<10	<10	27	<10	532	
85873		<10	<10	96	<10	9810	

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CERTIFICATE OF ANALYSIS VO16220421

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applies to Method:				
	Au-AA23	CRU-31	CRU-QC	LOG-22
	PUL-31	PUL-QC	SPL-21	WEI-21

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

Applies to Method:			
	ME-ICP61	ME-OG62	Zn-OG62