

**ALS CHEMEX****EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Finalized Dr

14-SEP-2007

Account: F

CERTIFICATE VA07089147

Project: MOR (MOR-07-03)

P.O. No.:

This report is for 28 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-AUG-2007.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICEDOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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:

Lawrence Ng, Laboratory Manager - Vancouver

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Total # of Pages: 2 (A - C)

Finalized Date: 4-SEP-2007

Account: F

Project: MOR (MOR-07-03)

CERTIFICATE OF ANALYSIS VA07089147

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP41 Ga ppm 10
C448626		2.25	0.2	3.51	4	<10	80	<0.5	<2	1.71	<0.5	21	24	83	5.80	10
C448627		2.99	<0.2	2.73	5	<10	40	<0.5	<2	1.59	<0.5	16	20	29	4.30	10
C448628		6.34	0.9	3.32	16	<10	70	<0.5	3	0.33	<0.5	19	6	1070	7.81	10
C448629		7.32	0.2	1.40	6	<10	140	<0.5	<2	0.78	<0.5	5	6	45	2.03	<10
C448630		7.23	22.9	2.31	31	<10	20	<0.5	26	0.85	38.5	32	14	3710	10.70	10
C448631		2.68	26.5	2.36	70	<10	30	<0.5	24	0.86	28.8	16	16	5050	5.05	10
C448632		2.29	<0.2	2.25	14	<10	2290	<0.5	<2	0.86	0.5	11	21	58	3.46	10
C448633		2.06	0.2	4.17	6	<10	950	<0.5	<2	1.76	<0.5	24	47	30	5.52	10
C448634		2.01	65.0	0.62	274	<10	20	<0.5	4	0.23	89.2	7	4	2760	2.63	<10
C448635		5.79	76.1	1.21	381	<10	10	<0.5	94	0.43	50.7	113	2	>10000	24.7	10
C448636		4.24	30.3	2.58	65	<10	10	<0.5	18	0.71	102.0	19	4	2090	20.4	10
C448637		1.66	0.3	0.04	5	<10	260	<0.5	<2	20.4	<0.5	1	1	18	0.45	<10
C448638		7.02	4.8	3.60	22	<10	40	<0.5	2	1.30	1.7	26	5	965	7.38	10
C448639		2.96	0.7	3.33	11	<10	220	<0.5	<2	1.00	1.1	20	24	133	5.65	10
C448640		1.04	1.8	1.26	10	<10	190	<0.5	5	0.37	0.7	10	5	628	3.14	<10
C448641		3.11	2.0	2.52	34	<10	40	<0.5	11	0.37	1.3	50	25	2230	9.34	10
C448642		5.60	0.3	4.02	10	<10	110	<0.5	<2	0.96	<0.5	21	18	64	6.56	10
C448643		6.67	<0.2	1.54	3	<10	110	<0.5	<2	1.21	<0.5	7	5	18	2.86	<10
C448644		6.89	0.9	2.13	<2	<10	230	<0.5	<2	0.66	4.5	10	9	101	3.00	10
C448645		6.58	0.3	2.43	9	<10	290	<0.5	<2	1.64	0.9	14	12	56	3.53	10
C448646		4.99	2.4	3.31	27	<10	30	<0.5	6	0.46	<0.5	35	13	2610	10.00	10
C448647		1.75	<0.2	0.05	2	<10	10	<0.5	<2	20.7	<0.5	1	1	13	0.48	<10
C448648		1.05	0.3	3.22	<2	<10	20	<0.5	<2	2.76	<0.5	18	22	69	4.98	10
C448649		1.64	1.9	4.01	9	<10	50	<0.5	<2	1.40	<0.5	33	20	5550	7.46	10
C448650		6.93	0.3	4.19	4	<10	80	<0.5	<2	0.39	<0.5	19	10	267	7.07	10
C448572		6.11	<0.2	3.74	4	<10	120	<0.5	<2	0.62	<0.5	19	11	94	6.24	10
C448573		6.16	<0.2	1.78	2	<10	60	<0.5	<2	0.76	<0.5	6	4	41	3.31	10
C106192		0.35	0.5	2.35	3	<10	80	<0.5	<2	1.09	0.9	30	18	89	5.68	10

**ALS CHEMEX****EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Total # of Tests: 2 (A - C)

Finalized Date: 14-SEP-2007

Account: F

Project: MOR (MOR-07-03)

CERTIFICATE OF ANALYSIS VA07089147

Sample Description	Method Analyte Units LOR	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
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
C448626		<1	0.26	<10	3.20	1040	1	0.02	12	590	8	1.02	<2	7	27
C448627		<1	0.13	10	2.45	953	<1	0.05	11	720	7	0.19	3	8	26
C448628		1	0.18	<10	2.67	1050	1	0.02	3	530	10	2.32	2	3	6
C448629		<1	0.20	10	1.19	446	<1	0.04	1	350	15	0.10	<2	2	13
C448630		10	0.31	<10	2.11	694	3	0.03	10	340	2490	9.93	18	6	32
C448631		7	0.36	<10	2.12	722	5	0.03	12	390	4940	2.93	42	6	68
C448632		<1	0.27	10	2.15	719	<1	0.04	9	470	23	0.12	2	9	51
C448633		<1	0.33	10	4.12	1390	<1	0.03	22	640	12	0.09	3	20	25
C448634		21	0.24	10	0.32	117	8	0.03	3	210	>10000	3.77	165	1	51
C448635		15	0.15	<10	0.97	401	1	0.02	5	190	3820	>10.0	160	3	15
C448636		18	0.09	<10	2.28	900	7	0.02	7	350	>10000	>10.0	52	7	21
C448637		<1	0.02	<10	12.60	197	<1	0.02	<1	180	56	<0.01	<2	<1	56
C448638		<1	0.12	<10	3.24	1090	1	0.02	2	580	484	1.87	9	9	24
C448639		1	0.17	<10	3.13	879	<1	0.02	14	450	165	0.75	<2	8	18
C448640		<1	0.15	10	0.97	360	2	0.08	<1	290	127	0.90	3	3	11
C448641		<1	0.22	<10	2.14	619	<1	0.03	9	320	48	5.46	<2	5	8
C448642		1	0.28	<10	3.56	1160	<1	0.03	8	650	9	1.00	3	9	16
C448643		<1	0.27	10	1.27	704	<1	0.05	1	360	8	0.15	3	4	27
C448644		<1	0.90	10	1.91	821	2	0.05	4	470	530	0.66	3	6	15
C448645		1	0.78	10	2.15	1100	<1	0.04	8	470	135	0.38	<2	8	30
C448646		<1	0.18	<10	2.87	789	1	0.03	4	390	31	5.55	<2	5	9
C448647		<1	0.02	<10	12.60	207	<1	0.02	<1	190	8	<0.01	<2	<1	56
C448648		1	0.03	<10	3.06	1320	<1	0.04	9	550	19	0.17	<2	15	47
C448649		<1	0.11	<10	3.72	1200	<1	0.03	10	630	13	1.97	<2	13	27
C448650		<1	0.16	<10	3.69	1100	<1	0.02	6	790	3	1.08	<2	6	9
C448572		1	0.24	<10	3.07	978	1	0.03	5	640	3	1.04	<2	6	11
C448573		<1	0.09	<10	1.25	692	<1	0.05	<1	510	4	0.11	<2	4	18
C106192		<1	0.04	<10	2.06	1060	1	0.08	9	630	17	0.37	<2	17	11



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

ALS CHEMEX, SUTHERLAND AND ASSOCIATES (1991)

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Total #

Finalized L

Page: 2 of 3

Pages: 2 (A - C)

14-SEP-2007

Account: F

Project: MOR (MOR-07-03)

CERTIFICATE OF ANALYSIS VA07089147

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46	Pb-OG46	Zn-OG46	Au-AA23
		Ti	Ti	U	V	W	Zn	Cu	Pb	Zn	Au
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.01	% 0.01	% 0.01	ppm 0.005
C448626		0.02	10	<10	56	<10	92				0.006
C448627		0.01	10	<10	70	<10	83				0.006
C448628		0.02	<10	<10	29	<10	202				0.029
C448629		0.02	<10	<10	14	<10	112				0.005
C448630		0.04	<10	<10	45	10	>10000			1.43	0.399
C448631		0.06	<10	<10	50	<10	8350				0.281
C448632		0.06	10	<10	64	<10	282				0.008
C448633		0.09	<10	<10	130	<10	349				<0.005
C448634		0.01	<10	<10	8	<10	>10000		1.62	2.57	0.689
C448635		0.01	20	<10	23	30	>10000	2.35		1.70	2.53
C448636		0.01	20	<10	70	10	>10000		1.10	4.19	0.270
C448637		<0.01	<10	<10	7	<10	110				<0.005
C448638		0.02	10	<10	107	<10	819				0.073
C448639		0.02	<10	<10	77	<10	505				0.009
C448640		0.04	10	<10	14	<10	210				0.012
C448641		0.02	10	<10	43	<10	378				0.047
C448642		0.03	10	<10	81	<10	120				0.011
C448643		0.07	<10	<10	31	<10	61				<0.005
C448644		0.10	<10	<10	39	<10	1010				0.008
C448645		0.08	<10	<10	48	<10	348				0.013
C448646		0.02	10	<10	31	<10	250				0.050
C448647		<0.01	10	<10	7	<10	17				<0.005
C448648		0.02	<10	<10	113	<10	85				<0.005
C448649		0.02	<10	<10	100	<10	93				0.022
C448650		0.02	<10	<10	57	<10	91				0.007
C448572		0.01	10	<10	53	<10	78				<0.005
C448573		0.02	<10	<10	12	<10	60				<0.005
C106192		0.03	<10	<10	205	<10	70				<0.005