

**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 D

14-SEP-2007

Account: F

CERTIFICATE VA07089146

Project: MOR (MOR-07-02)

P.O. No.:

This report is for 21 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
CRU-QC	Crushing 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
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



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CERTIFICATE OF ANALYSIS VA07089146

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
C488551		4.56	<0.2	1.34	2	<10	40	<0.5	<2	1.61	<0.5	10	13	27	2.56	<10
C488552		2.64	<0.2	3.19	<2	<10	30	<0.5	<2	3.20	<0.5	19	28	9	5.25	10
C488553		6.36	11.8	3.32	23	<10	10	<0.5	22	0.51	16.2	40	9	3490	10.20	10
C488554		3.74	2.7	3.14	18	<10	120	<0.5	5	2.25	0.7	30	7	1420	6.71	10
C488555		4.96	0.2	3.28	11	<10	940	<0.5	<2	1.48	<0.5	23	3	64	5.66	10
C488556		2.69	22.2	2.40	22	<10	10	<0.5	35	1.09	28.6	30	3	2530	9.93	10
C488557		5.73	46.9	1.04	556	<10	<10	<0.5	99	0.51	52.4	56	2	8640	24.2	<10
C488558		5.51	70.3	1.25	436	<10	10	<0.5	125	0.62	42.7	137	4	>10000	25.5	10
C488559		2.41	53.6	1.13	241	<10	10	<0.5	107	0.28	29.6	74	2	>10000	12.80	<10
C488560		1.28	0.2	0.04	2	<10	90	<0.5	<2	19.6	<0.5	1	<1	52	0.45	<10
C488561		5.52	2.9	3.33	15	<10	80	<0.5	4	2.10	3.9	23	48	477	5.32	10
C488562		1.27	0.8	1.36	15	<10	1280	<0.5	<2	0.86	<0.5	6	6	81	2.34	10
C488563		6.36	0.5	3.00	15	<10	650	0.6	<2	1.12	<0.5	18	30	88	4.31	10
C488564		5.72	<0.2	1.13	4	<10	370	<0.5	<2	0.55	<0.5	5	4	28	1.83	<10
C488565		1.94	7.8	2.47	21	<10	10	<0.5	18	1.26	12.7	39	11	4450	10.25	10
C488566		8.83	<0.2	1.10	4	<10	100	<0.5	<2	0.99	<0.5	5	5	37	2.38	<10
C488567		4.93	9.8	2.01	36	<10	10	<0.5	29	0.80	4.9	51	5	7480	10.95	10
C488568		4.01	21.3	1.20	43	<10	10	<0.5	59	0.34	10.9	82	6	>10000	16.0	<10
C488569		5.00	0.3	3.40	2	<10	50	<0.5	<2	1.89	<0.5	19	17	105	5.23	10
C488570		6.86	0.3	3.55	<2	<10	180	<0.5	<2	0.72	<0.5	18	14	103	5.99	10
C488571		3.18	0.2	1.61	5	<10	50	<0.5	<2	0.65	<0.5	6	6	35	3.08	10

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CERTIFICATE OF ANALYSIS VA07089146

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
C488551		<1	0.15	10	1.30	599	<1	0.02	7	400	8	0.18	2	3	23
C488552		1	0.13	<10	3.26	1650	1	0.02	9	450	8	0.38	<2	8	55
C488553		5	0.10	<10	2.63	1100	1	0.01	6	670	592	5.71	<2	3	16
C488554		<1	0.06	<10	2.83	1200	<1	0.02	7	660	41	1.81	<2	10	27
C488555		1	0.07	<10	3.00	923	<1	0.03	1	600	27	0.21	4	9	28
C488556		10	0.09	<10	2.17	699	3	0.03	5	650	4350	7.68	5	6	51
C488557		13	0.10	<10	0.86	453	4	0.02	5	200	2170	>10.0	214	3	15
C488558		13	0.09	<10	1.15	544	2	0.02	5	160	2320	>10.0	130	4	12
C488559		7	0.20	<10	0.98	285	4	0.02	6	260	2820	>10.0	95	2	22
C488560		<1	0.02	<10	11.90	193	<1	0.02	<1	180	18	<0.01	<2	<1	51
C488561		<1	0.39	<10	3.40	1060	<1	0.03	21	530	319	1.18	6	16	43
C488562		<1	0.29	10	1.35	418	<1	0.04	2	360	42	0.08	3	5	25
C488563		1	1.05	<10	2.94	868	<1	0.03	15	520	21	0.23	5	9	20
C488564		1	0.39	<10	1.03	427	<1	0.03	3	310	13	0.22	<2	2	13
C488565		1	0.20	<10	2.32	783	2	0.02	11	400	513	8.41	<2	6	21
C488566		1	0.13	10	0.97	443	<1	0.03	1	350	12	0.19	<2	4	22
C488567		1	0.15	<10	1.77	615	1	0.02	4	340	275	8.53	<2	5	19
C488568		2	0.13	<10	0.97	318	4	0.02	5	200	821	>10.0	2	3	8
C488569		1	0.07	<10	3.18	1280	<1	0.03	8	630	17	0.14	<2	14	28
C488570		1	0.14	<10	3.20	1010	<1	0.02	6	720	11	1.34	3	6	14
C488571		<1	0.07	10	1.30	560	1	0.04	2	340	5	0.49	<2	4	14

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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46	Zn-OG46	Au-AA23
		Ti	Ti	U	V	W	Zn	Cu	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.01	10	10	1	10	2	0.01	0.01	0.005
C488551		0.01	<10	<10	20	<10	54			0.005
C488552		0.01	<10	<10	53	<10	86			<0.005
C488553		0.01	10	<10	37	<10	4150			0.119
C488554		0.01	<10	<10	102	<10	708			0.039
C488555		0.03	10	<10	149	<10	616			<0.005
C488556		0.02	10	<10	85	10	>10000		1.20	0.138
C488557		<0.01	20	<10	20	10	>10000		1.98	0.955
C488558		0.01	20	<10	29	20	>10000	2.02	1.43	2.47
C488559		0.02	10	<10	13	<10	9820	1.01		0.520
C488560		<0.01	<10	<10	7	<10	57			0.016
C488561		0.12	<10	<10	128	<10	1420			0.042
C488562		0.10	<10	<10	55	<10	93			0.008
C488563		0.17	<10	<10	105	<10	188			0.010
C488564		0.06	<10	<10	13	<10	72			<0.005
C488565		0.03	<10	<10	60	<10	3660			0.233
C488566		0.02	<10	<10	24	<10	56			<0.005
C488567		0.02	10	<10	53	<10	1110			0.187
C488568		0.01	10	<10	26	<10	2970	1.17		0.382
C488569		0.01	<10	<10	107	<10	500			<0.005
C488570		0.01	10	<10	48	<10	98			0.007
C488571		0.01	<10	<10	13	<10	47			0.005