



# ALS Chemex

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ALS Canada Ltd.

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North Vancouver BC V7H 0A7

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

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

Page: 1  
Finalized Date: 7-JUL-2010  
Account: F

## CERTIFICATE WH10082498

Project: MOR

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
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
PUL-QC	Pulverizing QC Test

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
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  
ATTN: JOAN MARIACHER  
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:

  
Colin Ramshaw, Vancouver Laboratory Manager



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## CERTIFICATE OF ANALYSIS WH10082498

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units LOR	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G0557087		2.14	<0.2	1.53	<2	<10	40	<0.5	<2	0.39	<0.5	3	4	7	2.61	10
G0557088		2.42	<0.2	1.52	2	<10	30	<0.5	<2	0.34	<0.5	3	3	6	2.91	10
G0557089		3.75	<0.2	1.38	<2	<10	30	<0.5	<2	0.88	<0.5	4	4	11	2.83	<10
G0557090		3.89	<0.2	1.34	<2	<10	50	<0.5	<2	1.10	<0.5	6	3	20	2.72	<10
G0557091		3.48	<0.2	0.92	<2	<10	40	<0.5	<2	0.30	<0.5	1	5	19	1.63	<10
G0557092		4.02	0.3	2.49	4	<10	280	<0.5	<2	1.84	<0.5	15	62	115	3.89	10
G0557093		3.35	<0.2	1.32	12	<10	260	<0.5	<2	0.91	0.5	10	40	83	2.61	<10
G0557094		3.36	0.3	1.41	14	<10	260	0.6	<2	2.56	<0.5	15	42	64	3.16	<10
G0557095		0.31	95.2	1.44	244	<10	110	<0.5	25	0.66	23.6	11	32	6140	5.25	<10
G0557096		3.51	0.3	0.97	196	<10	180	<0.5	<2	2.21	<0.5	14	28	78	2.70	<10
G0557097		3.69	<0.2	1.85	21	<10	320	0.6	2	1.35	<0.5	14	44	76	3.25	<10
G0557098		4.17	0.2	1.79	13	<10	150	0.6	<2	1.63	<0.5	14	52	53	2.92	<10
G0557099		3.68	0.3	1.66	5	<10	350	0.5	<2	1.60	<0.5	13	36	68	2.94	<10
G0557100		3.97	<0.2	1.80	7	<10	270	0.8	<2	2.40	<0.5	15	41	42	3.17	10
G0557101		2.18	<0.2	1.58	5	<10	240	0.6	<2	1.94	<0.5	11	74	40	2.79	10
G0557102		2.25	<0.2	0.04	2	<10	10	<0.5	<2	19.7	<0.5	1	1	2	0.40	<10
G0557103		2.78	<0.2	0.92	5	<10	180	0.5	<2	1.99	<0.5	10	67	21	1.95	<10
G0557104		2.95	<0.2	1.87	2	<10	160	<0.5	<2	2.62	<0.5	18	114	60	2.99	<10
G0557105		4.33	<0.2	0.64	<2	<10	90	<0.5	<2	16.9	0.5	6	40	3	1.31	<10
G0557106		4.12	<0.2	2.22	3	<10	250	0.5	3	2.76	<0.5	12	104	59	3.66	10
G0557107		4.05	0.3	2.17	9	<10	160	<0.5	<2	2.56	<0.5	17	80	66	4.31	10
G0557108		0.16	14.2	1.78	27	<10	40	<0.5	5	0.32	56.1	9	50	5090	9.30	<10
G0557109		4.00	0.4	0.46	118	<10	150	<0.5	<2	2.55	<0.5	18	28	85	4.35	<10
G0557110		3.73	0.5	0.56	256	<10	80	<0.5	<2	2.72	<0.5	15	16	72	3.39	<10
G0557111		4.62	0.2	1.71	34	<10	80	0.5	<2	2.44	<0.5	13	20	48	3.56	10
G0557112		3.98	0.3	1.96	126	<10	40	<0.5	<2	2.03	<0.5	13	40	94	3.68	<10
G0557113		4.07	<0.2	1.33	20	<10	80	<0.5	<2	0.30	<0.5	10	35	77	2.89	10
G0557114		3.62	0.2	1.75	2	<10	70	<0.5	<2	0.74	<0.5	12	36	102	3.34	10
G0557115		1.96	<0.2	0.04	2	<10	10	<0.5	<2	19.3	<0.5	1	1	2	0.37	<10
G0557116		3.86	0.2	1.68	<2	<10	60	<0.5	<2	0.65	<0.5	11	38	59	2.96	10
G0557117		3.41	<0.2	1.52	7	<10	60	<0.5	<2	0.34	<0.5	9	56	73	2.94	10
G0557118		4.02	<0.2	1.64	6	<10	80	0.5	<2	0.57	<0.5	10	66	73	2.98	10
G0557119		3.84	0.2	1.61	<2	<10	120	0.5	<2	0.99	<0.5	13	37	99	3.23	10
G0557120		1.98	0.2	1.57	<2	<10	120	0.5	<2	0.96	<0.5	13	38	104	3.24	10
G0557121		3.87	0.2	1.59	<2	<10	90	<0.5	<2	1.03	<0.5	10	35	78	3.40	10
G0557122		3.88	<0.2	2.08	<2	<10	100	0.7	<2	1.46	<0.5	19	133	91	3.60	10



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## CERTIFICATE OF ANALYSIS WH10082498

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	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm	%	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	20
G0557087		<1	0.11	<10	1.23	402	<1	0.05	1	290	4	0.19	<2	3	6	<20
G0557088		<1	0.09	<10	1.08	460	<1	0.06	<1	330	3	0.03	<2	4	6	<20
G0557089		<1	0.09	<10	0.95	596	1	0.06	<1	440	4	0.11	<2	4	13	<20
G0557090		<1	0.12	<10	0.89	626	1	0.08	<1	520	4	0.18	<2	3	22	<20
G0557091		<1	0.08	<10	0.58	384	<1	0.07	<1	150	3	0.01	<2	3	6	<20
G0557092		<1	0.18	10	2.48	943	1	0.03	36	630	12	0.91	3	8	45	<20
G0557093		<1	0.27	10	1.16	769	1	0.01	38	430	7	0.91	2	3	30	<20
G0557094		<1	0.85	10	1.22	1040	2	0.02	30	800	7	0.93	<2	5	137	<20
G0557095		2	0.16	<10	0.85	1630	21	0.08	23	440	9870	2.39	389	4	31	<20
G0557096		<1	0.45	10	0.86	1035	1	0.02	40	610	23	0.53	2	3	107	<20
G0557097		<1	0.30	10	1.57	1155	1	0.01	43	620	10	0.63	2	3	55	<20
G0557098		<1	0.53	10	1.58	1435	1	0.01	35	630	13	0.42	2	4	68	<20
G0557099		<1	0.71	10	1.47	841	<1	0.01	30	470	13	0.94	<2	4	86	<20
G0557100		<1	0.91	20	1.55	986	<1	0.02	25	700	9	0.65	<2	6	80	<20
G0557101		<1	0.80	10	1.81	391	<1	0.04	30	570	8	1.16	<2	9	41	<20
G0557102		<1	0.02	<10	12.95	199	<1	0.01	1	280	4	<0.01	<2	<1	42	<20
G0557103		<1	0.43	20	1.22	265	<1	0.05	28	500	3	1.04	<2	6	34	<20
G0557104		<1	0.43	10	2.07	1200	<1	0.01	74	980	7	0.68	<2	6	57	<20
G0557105		<1	0.09	<10	9.92	1880	<1	0.01	22	640	6	<0.01	<2	3	293	<20
G0557106		<1	0.65	10	2.14	964	1	0.02	43	710	5	0.48	<2	9	80	<20
G0557107		<1	0.37	10	2.18	972	1	0.03	61	1120	7	0.48	<2	9	84	<20
G0557108		<1	0.37	<10	1.40	438	15	0.04	27	120	251	>10.0	5	4	8	<20
G0557109		<1	0.28	10	2.03	1160	1	0.02	68	1060	7	0.47	2	5	102	<20
G0557110		<1	0.25	10	1.08	1300	2	0.01	36	1000	7	1.15	5	4	127	<20
G0557111		<1	0.30	10	1.18	750	1	0.02	28	760	5	0.34	2	5	54	<20
G0557112		<1	0.19	10	1.70	605	1	0.01	37	740	4	0.36	<2	4	43	<20
G0557113		<1	0.18	10	0.86	405	1	0.01	37	450	5	0.11	<2	3	9	<20
G0557114		<1	0.29	<10	1.20	400	1	0.03	38	710	2	0.32	<2	2	17	<20
G0557115		<1	0.02	<10	12.40	182	<1	0.01	<1	250	2	<0.01	<2	<1	44	<20
G0557116		<1	0.26	10	1.24	382	1	0.02	35	490	4	0.20	<2	2	15	<20
G0557117		<1	0.18	10	1.11	487	1	0.01	39	390	5	0.08	<2	3	10	<20
G0557118		<1	0.31	10	1.27	535	1	0.01	42	370	5	0.28	<2	3	13	<20
G0557119		<1	0.46	10	1.04	554	1	0.04	37	550	7	0.43	<2	3	23	<20
G0557120		<1	0.47	10	1.01	570	1	0.03	38	550	5	0.45	<2	3	29	<20
G0557121		<1	0.26	10	0.99	510	2	0.04	29	960	4	0.36	<2	3	27	<20
G0557122		<1	0.45	10	1.70	1110	3	0.02	90	1090	6	0.54	<2	5	35	<20



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Total # Pages: 2 (A - C)

Finalized Date: 7-JUL-2010

Account: F

Project: MOR

## CERTIFICATE OF ANALYSIS WH10082498

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
		Ti	Ti	U	V	W	Zn	Zn
		%	ppm	ppm	ppm	ppm	ppm	%
		0.01	10	10	1	10	2	0.001
G0557087		0.01	<10	<10	6	<10	38	
G0557088		0.02	<10	<10	1	<10	43	
G0557089		0.03	<10	<10	7	<10	58	
G0557090		0.06	<10	<10	14	<10	73	
G0557091		0.01	<10	<10	1	<10	67	
G0557092		0.03	<10	<10	51	<10	114	
G0557093		0.02	<10	<10	31	<10	109	
G0557094		0.08	<10	<10	39	<10	100	
G0557095		0.10	<10	<10	44	<10	4900	
G0557096		0.02	<10	<10	23	<10	76	
G0557097		0.01	<10	<10	31	<10	78	
G0557098		0.05	<10	<10	33	<10	61	
G0557099		0.06	<10	<10	31	<10	81	
G0557100		0.10	<10	<10	42	<10	62	
G0557101		0.13	<10	<10	70	<10	43	
G0557102		<0.01	<10	10	1	<10	12	
G0557103		0.11	<10	<10	44	<10	20	
G0557104		0.08	<10	<10	65	<10	67	
G0557105		0.01	<10	<10	21	<10	32	
G0557106		0.10	<10	<10	78	<10	67	
G0557107		0.07	<10	<10	92	<10	66	
G0557108		0.03	<10	<10	27	<10	>10000	1.290
G0557109		<0.01	<10	<10	16	<10	86	
G0557110		<0.01	<10	<10	13	<10	43	
G0557111		0.03	<10	<10	42	<10	61	
G0557112		0.05	<10	<10	57	<10	45	
G0557113		0.02	<10	<10	37	<10	40	
G0557114		0.13	<10	<10	59	<10	42	
G0557115		<0.01	<10	10	1	<10	13	
G0557116		0.11	<10	<10	48	<10	40	
G0557117		0.03	<10	<10	41	<10	40	
G0557118		0.08	<10	<10	51	<10	43	
G0557119		0.13	<10	<10	51	<10	43	
G0557120		0.13	<10	<10	51	<10	43	
G0557121		0.13	<10	<10	77	<10	47	
G0557122		0.13	<10	<10	65	<10	46	



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Finalized Date: 14-JUL-2010  
Account: F

## CERTIFICATE WH10089646

Project: MOR

P.O. No.:

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
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
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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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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## CERTIFICATE OF ANALYSIS WH10089646

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	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm	%	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	20
G0557123		<1	0.25	10	2.03	633	1	0.05	92	1070	<2	0.17	<2	4	72	<20
G0557124		<1	0.19	<10	1.52	755	2	0.06	56	1500	<2	0.37	<2	3	52	<20
G0557125		<1	0.67	<10	1.69	337	<1	0.13	112	1230	<2	0.26	<2	5	26	<20
G0557126		<1	0.36	<10	2.10	557	1	0.08	72	1070	<2	0.16	<2	3	56	<20
G0557127		<1	0.31	<10	2.72	455	<1	0.08	114	810	<2	0.01	<2	3	27	<20
G0557128		1	0.09	<10	0.74	1570	18	0.07	22	430	9630	2.27	393	3	26	<20



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Project: MOR

## CERTIFICATE OF ANALYSIS WH10089646

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
		Ti	Ti	U	V	W	Zn	Ag
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2	1
G0557123		0.18	<10	<10	59	<10	31	
G0557124		0.20	<10	<10	79	<10	43	
G0557125		0.27	<10	<10	73	<10	52	
G0557126		0.21	<10	<10	61	<10	42	
G0557127		0.25	<10	<10	61	<10	45	
G0557128		0.08	<10	<10	39	<10	4960	98





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## CERTIFICATE WH10094084

Project: MOR

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED

ATTN: JOAN MARIACHER

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:

Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

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ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

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

To: ARCHER, CATHRO AND ASSOCIATES (1981)

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Total # Pages: 2 (A)

Finalized Date: 18-JUL-2010

Account: F

Project: MOR

## CERTIFICATE OF ANALYSIS WH10094084

Sample Description	Method Analyte Units LOR
G0557095 G0557108	Au-AA24 Au ppm 0.005  0.272 1.990

Q26590

095427

Statement of Expenditures  
Mor 1-290 Mineral Claims  
April 29, 2011

Labour

K. Larson (field assistant) June 2010 – 19 days @ \$480/day	\$ 10,214.40
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Expenses

Field room and board – 80 mandays @ \$125/manday	11,200.00
Top Rank Diamond Drilling	72,906.70
Oceanview Helicopters	35,487.48
ALS Chemex	<u>1,821.25</u>
	121,415.53

Total	<u>\$131,629.93</u>
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Drilled two holes on YB91628 (Mor 7)