



# 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

To: STRATEGIC METALS LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981)

LIMITED

1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

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Finalized Date: 25-SEP-2007

Account: MTT

## CERTIFICATE VA07100570

Project: NIMO RICH

P.O. No.: R1-07-08

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 OFFICE

DOUG EATON  
BILL WENGZYNOWSKI

JOAN MARIACHER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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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 results of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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## CERTIFICATE OF ANALYSIS VA07100570

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
Sample Description	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
C488201	1.26	0.42	1.38	13.8	1280	0.93	0.04	0.06	10.25	9.82	3.1	55	1.52	53.3	1.06
C488202	1.00	0.52	1.86	27.1	650	1.2	0.06	0.19	4.95	18.45	5.3	45	1.89	52.8	1.84
C488203	1.42	0.2	1.78	11.5	670	1.12	0.04	0.14	2.72	11.45	3.8	46	1.68	27.1	1.13
C488204	1.32	0.14	1.56	10.3	980	0.97	0.04	0.07	3.1	13.65	3.7	32	1.44	28.7	1.08
C488205	1.24	0.17	1.87	13.7	700	1.16	0.05	0.05	4.03	14.45	4.3	47	1.59	36.2	1.18
C488206	0.76	0.12	1.53	13.6	710	0.93	0.04	0.05	3.8	13.4	3.8	33	1.4	29.7	1.17
C488207	0.86	0.21	2.09	27.3	690	1.17	0.07	0.05	2.12	18.5	5.9	37	1.81	45.9	1.73
C488208	0.52	0.19	1.59	14.8	750	1.05	0.06	0.04	3.07	12.85	3.9	31	1.72	27.3	1.1
C488209	0.56	0.26	2.01	23.1	620	1.22	0.05	0.04	3.36	15.55	4.4	41	1.97	39.7	1.26
C488234	0.42	0.3	5.23	42.8	650	2.12	0.13	1.04	3.54	35	9.6	73	6.41	43.6	2.63
C488235	0.62	0.29	6.44	47.4	840	2.69	0.17	3.89	3.38	62.8	11.6	68	7.79	46	2.86
C488236	0.86	0.26	3.69	22.1	670	1.41	0.09	4.89	2.89	32.3	6.7	57	4.56	28	2.05
C488237	0.84	0.25	4.16	19.1	780	1.49	0.09	1.54	3.74	30.1	7.7	56	4.95	27.4	1.85
C488238	1.90	0.29	5.41	21.2	720	1.86	0.13	3.83	3.36	40	9.7	66	6.38	31.1	2.39
C488239	1.78	0.28	5.05	20.7	630	1.8	0.14	1.52	3.66	34.4	9.4	65	6.15	34.4	2.38
C488240	1.76	0.28	4.14	18.8	600	1.48	0.31	2.94	2.77	34.1	8.2	60	4.76	30.5	1.95
C488241	2.40	0.23	3.18	16.1	780	1.38	0.08	3.24	2.91	30	6.8	51	3.66	33.2	1.72
C488242	2.64	0.2	2.96	14.6	810	1.14	0.07	3.37	2.41	27.5	5.9	47	3.3	30.7	1.44
C488243	0.56	0.21	4.56	14.3	880	1.58	0.1	4.6	0.87	51.7	9.7	58	4.9	28.5	1.79
C488244	0.04	0.63	3.45	88.1	950	0.78	0.11	0.84	1.23	28.5	7.2	45	3.3	80.5	24.4
C488245	0.58	0.31	6.27	21.6	1050	2.34	0.15	0.99	3.73	48.4	12.6	85	7.46	40.1	2.66

Comments: REE's may not be totally soluble in MS61 method.



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## CERTIFICATE OF ANALYSIS VA07100570

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C488201		3.68	0.1	0.4	0.09	0.015	0.4	6.4	6.4	0.09	43	39.2	0.03	2.3	137	180
C488202		4.62	0.13	0.5	0.11	0.012	0.56	13.9	6.5	0.14	68	35.7	0.03	3.3	179.5	410
C488203		3.79	0.09	0.4	0.07	0.011	0.5	7.4	9.2	0.14	56	35.3	0.03	2.8	163.5	200
C488204		3.34	0.11	0.4	0.07	0.009	0.42	8.6	16.8	0.07	49	36	0.03	2.7	175	350
C488205		4.08	0.11	0.5	0.08	0.011	0.52	9.2	13.9	0.09	44	60.3	0.03	3.5	201	290
C488206		3.22	0.1	0.4	0.07	0.008	0.41	8.7	10.8	0.08	53	47	0.03	2.9	158.5	290
C488207		4.59	0.16	0.7	0.15	0.01	0.56	11.2	12.9	0.12	53	70.6	0.03	3.9	246	270
C488208		3.83	0.12	0.5	0.07	0.012	0.39	7	7.1	0.09	55	36	0.03	2.8	184	170
C488209		6.12	0.16	0.6	0.10	0.013	0.53	8.7	6	0.12	47	48.2	0.03	3.4	253	250
C488234		14.6	0.24	1.6	0.17	0.038	1.57	21.1	8.8	0.41	107	36.3	0.07	7.8	152	250
C488235		19.3	0.33	2	0.18	0.041	1.89	38.6	9.8	0.55	130	33.2	0.08	10.2	177.5	1110
C488236		9.36	0.17	1.1	0.12	0.03	1.08	18.8	9.1	1.06	196	26.8	0.06	5.7	88.8	130
C488237		10.45	0.15	1.3	0.14	0.029	1.28	18.3	6.8	0.34	94	25.3	0.08	6.1	94.1	240
C488238		13.7	0.15	1.7	0.13	0.035	1.61	22.6	7.3	0.57	130	27.8	0.12	8.1	99.7	290
C488239		12.85	0.15	1.5	0.13	0.037	1.53	19.5	6.9	0.44	91	32.3	0.09	7.2	119.5	200
C488240		10.25	0.15	1.4	0.12	0.034	1.21	20.7	5.5	0.42	95	35.6	0.1	6.3	130	240
C488241		8.07	0.14	1.2	0.09	0.026	0.94	18.8	4.9	0.71	146	38.2	0.11	5.4	136.5	250
C488242		7.11	0.12	1	0.08	0.02	0.87	17.9	3.9	0.33	86	36.6	0.05	4.8	132.5	260
C488243		11.75	0.16	2.1	0.08	0.033	1.41	28.9	6.1	0.36	109	31.6	0.21	8.9	98.9	760
C488244		8.05	0.68	1.4	0.22	0.015	1	15.2	3.2	0.22	79	19.15	0.21	6.2	87.2	220
C488245		16.4	0.15	2.6	0.15	0.049	1.93	26.7	8	0.44	93	38.7	0.16	10.8	138	350

Comments: REE's may not be totally soluble in MS61 method.





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## CERTIFICATE OF ANALYSIS VA07100570

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C488201		4.2	22.6	0.041	0.89	15.55	3	13	0.5	24.2	0.14	0.11	1.6	0.067	3.34
C488202		6	31.7	0.042	1.67	15.4	4	17	0.6	40.2	0.19	0.17	1.9	0.09	4.21
C488203		4.5	27.3	0.037	0.97	5.29	3.5	10	0.6	40.8	0.16	0.09	1.7	0.078	2.2
C488204		4.8	24.4	0.034	0.87	3.73	3.4	10	0.7	54	0.16	0.07	1.8	0.062	2.11
C488205		6.3	28.9	0.051	1.1	3.64	4.2	12	0.6	50.4	0.2	0.12	1.9	0.08	3.07
C488206		4.8	22.9	0.037	0.96	2.81	3.3	13	0.5	59.8	0.16	0.08	1.7	0.072	2.66
C488207		7.8	32	0.054	1.69	5.04	4.6	20	0.6	43.4	0.23	0.12	2.2	0.1	5.33
C488208		4.1	25.7	0.037	0.93	3.15	3.3	14	0.6	21.1	0.17	0.07	1.8	0.072	2.46
C488209		5.3	31.3	0.05	1.32	4.24	3.9	22	0.6	29.4	0.22	0.11	2.2	0.098	3.89
C488234		11.7	97.8	0.036	2.68	8.71	9.1	39	1.5	79.8	0.5	0.1	5.9	0.259	5.35
C488235		13.1	122	0.024	3.06	9.26	12	53	1.7	155	0.64	0.2	7.4	0.312	5.33
C488236		8.4	67.8	0.025	2.16	6.17	7.2	17	1.2	164	0.36	0.05	4.2	0.172	3.46
C488237		9	76.5	0.023	1.88	5.4	7.6	13	1.4	95.2	0.42	0.06	4.9	0.206	3.62
C488238		11	99	0.019	2.55	5.86	9.8	14	1.7	117	0.53	0.06	6	0.259	4.02
C488239		10.4	92.2	0.025	2.47	5.22	9.6	12	1.6	71.1	0.47	0.06	5.4	0.236	4.34
C488240		9	73.5	0.033	2.12	4.64	8.3	12	1.4	111	0.42	0.07	5	0.207	4.66
C488241		7.8	56.2	0.041	1.86	4.16	6.7	11	1.2	140	0.33	0.08	4.2	0.168	3.75
C488242		6.7	52	0.032	1.6	3.61	6.1	8	1	160	0.3	0.08	3.7	0.148	3.23
C488243		9.5	81.3	0.023	1.9	2.99	9.1	8	1.6	184.5	0.57	0.06	6.8	0.272	3.08
C488244		44.8	56.3	0.01	>10.0	14.65	5	86	1.4	95.5	0.39	0.12	4.3	0.203	6.24
C488245		13.4	116	0.028	2.7	4.63	11.6	10	2.1	79.9	0.69	0.09	8.4	0.361	4.68

Comments: REE's may not be totally soluble in MS61 method.



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## CERTIFICATE OF ANALYSIS VA07100570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
C488201		695	0.3	12.1	826	22.8
C488202		568	0.7	21.4	477	29.9
C488203		412	0.4	12.9	299	23.7
C488204		308	0.3	11.9	252	22.2
C488205		303	0.4	13.1	207	28
C488206		172	0.4	8	158	23.2
C488207		327	0.5	15.5	229	32.5
C488208		549	0.3	14.5	437	23.6
C488209		792	0.4	21.6	564	30.4
C488234		848	0.8	14.5	483	56.6
C488235		858	1	38.4	476	69.7
C488236		520	0.6	18.7	256	42.6
C488237		593	0.7	10.9	339	47.4
C488238		626	0.9	25.4	302	57
C488239		671	0.8	13.4	336	52.1
C488240		681	0.8	17.3	244	50.6
C488241		636	0.6	19.7	234	45.6
C488242		641	0.6	18.4	209	39.7
C488243		402	1	27.6	69	70.7
C488244		381	0.7	9.4	25	48.8
C488245		779	1.2	13.4	357	86.6

Comments: REE's may not be totally soluble in MS61 method.