



# 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

Page: 1  
Finalized Date: 9-AUG-2007  
Account: MTT

## CERTIFICATE VA07077537

Project: NIMO-EL

P.O. No.: EL07-12

This report is for 10 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-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
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-36	Pulverize 1.5 kg to 85% <75 um
BAG-01	Bulk Master for Storage

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	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:

Lawrence Ng, Laboratory Manager - Vancouver



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Sample Description	Method Analyte Units LOR	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
C385445		2.56	0.001	<0.005	0.001	0.58	2.20	17.5	2210	1.04	0.10	0.10	0.26	19.75	0.4	38
C385446		3.08	0.003	<0.005	0.003	0.57	1.77	28.8	2410	0.96	0.09	0.04	0.49	15.85	1.4	37
C385447		2.92	0.003	<0.005	<0.001	0.30	3.69	52.4	670	1.49	0.17	0.05	0.46	33.40	1.5	52
C385448		0.42	0.002	<0.005	0.001	0.27	4.75	42.1	2710	2.19	0.15	0.03	0.99	39.40	12.1	56
C385449		2.28	0.001	<0.005	0.001	0.27	5.86	30.9	470	2.24	0.21	1.33	0.47	46.50	2.2	61
C385450		0.72	<0.001	<0.005	<0.001	<0.01	0.13	<5	40	0.09	0.02	20.70	0.07	1.63	1.1	2
C385451		1.16	0.002	<0.005	0.003	0.35	4.23	35.3	780	1.63	0.20	1.63	2.66	40.80	3.0	54
C385452		0.32	<0.001	<0.005	<0.001	0.10	2.08	17	210	1.58	0.07	17.25	12.15	36.80	32.7	23
C385453		2.66	0.001	<0.005	0.001	0.14	3.86	22	230	1.66	0.14	10.20	1.92	34.60	8.3	36
C385471		2.68	0.002	<0.005	0.001	0.21	5.50	21.0	360	2.05	0.21	3.93	3.85	48.90	12.6	53

Comments: Interference: Ca>10% on ICP-MS As, ICP-AES results shown. REE's may not be totally soluble in MS61 method.



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01
C385445		2.87	28.0	0.83	7.26	0.12	0.9	0.09	0.020	0.73	14.4	7.5	0.16	17	50.90	0.03
C385446		2.49	41.5	1.09	6.27	0.15	0.8	0.09	0.016	0.57	11.1	9.2	0.12	43	52.80	0.03
C385447		5.57	89.7	1.57	12.60	0.20	1.6	0.17	0.034	1.35	17.5	11.0	0.26	31	74.60	0.05
C385448		5.31	220.0	5.83	11.25	0.58	1.5	0.10	0.035	1.47	28.0	8.0	0.27	80	35.10	0.05
C385449		7.91	33.5	1.48	16.80	0.20	2.1	0.21	0.048	2.00	26.5	9.8	0.40	20	36.30	0.07
C385450		0.22	2.1	0.42	0.41	0.09	<0.1	<0.01	<0.005	0.04	0.8	1.1	12.95	184	0.40	0.01
C385451		6.37	42.3	1.92	13.20	0.19	1.8	0.22	0.046	1.51	23.0	8.0	0.30	28	55.50	0.07
C385452		2.14	23.5	4.25	5.17	0.22	0.9	0.08	0.015	0.64	23.0	4.0	0.50	621	19.15	0.11
C385453		4.40	22.8	1.78	10.85	0.14	1.6	0.17	0.033	1.31	19.9	6.2	6.00	385	22.50	0.15
C385471		6.36	37.9	2.76	15.20	0.21	2.4	0.20	0.051	1.91	28.1	8.8	0.82	196	35.20	0.12

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.



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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	ME-MS61
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
		0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2
C385445		4.2	31.6	160	6.8	46.0	0.068	0.38	17.70	6.3	10	0.9	51.6	0.24	0.14	3.3
C385446		3.7	27.8	270	5.7	37.2	0.086	0.30	16.95	5.1	16	0.7	51.3	0.21	0.15	2.8
C385447		6.9	53.7	270	9.9	83.1	0.337	0.45	12.20	9.9	32	1.9	307.0	0.43	0.24	5.2
C385448		6.3	476.0	370	11.7	83.3	0.053	0.40	7.01	8.8	110	1.5	83.7	0.40	0.07	6.0
C385449		9.4	54.4	230	14.2	124.5	0.034	1.68	8.12	11.3	26	2.3	91.6	0.59	0.09	7.5
C385450		0.3	2.2	210	1.7	2.1	<0.002	0.03	0.11	0.5	3	<0.2	51.6	<0.05	<0.05	0.2
C385451		7.4	131.5	440	12.5	97.8	0.099	2.09	7.11	9.9	21	1.8	102.0	0.47	0.13	6.6
C385452		3.2	676.0	600	5.5	37.4	0.018	4.19	1.81	14.6	9	0.7	360.0	0.21	0.06	2.8
C385453		6.7	106.5	290	8.7	74.7	0.028	2.01	3.62	7.9	9	1.3	524.0	0.41	0.07	5.6
C385471		9.7	193.0	360	12.8	109.5	0.034	2.94	4.37	11.5	13	1.9	197.0	0.62	0.11	7.9

Comments: Interference: Ca>10% on ICP-MS As, ICP-AES results shown. REE's may not be totally soluble in MS61 method.



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ti	Ti	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.1	1	0.1	0.1	2	0.5
C385445		0.115	2.98	9.1	788	0.6	8.2	29	40.1
C385446		0.093	2.88	7.9	782	0.5	12.3	17	36.9
C385447		0.200	8.21	10.1	661	0.9	12.7	52	60.7
C385448		0.201	4.16	6.3	642	0.7	23.3	769	58.6
C385449		0.281	5.76	6.3	738	1.0	11.3	91	76.2
C385450		0.005	0.05	1.3	12	0.1	1.0	20	0.9
C385451		0.212	9.29	9.4	705	0.9	16.8	168	66.5
C385452		0.091	2.55	6.6	233	0.4	80.4	1680	42.2
C385453		0.188	3.67	4.4	359	0.7	18.6	196	57.5
C385471		0.282	5.34	7.3	529	1.0	25.9	379	88.7

Comments: Interference: Ca>10% on ICP-MS As, ICP-AES results shown. REE's may not be totally soluble in MS61 method.