



# 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: KLONDIKE SILVER  
PO BOX 189  
NEW DENVER BC V0G 1S0

Page: 1  
Finalized Date: 30-JUN-2010  
Account: KLOSIL

## CERTIFICATE WH10078151

Project: CN

P.O. No.:

This report is for 21 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

JOHN DE JONG

WILLIAM MANN

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing 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
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
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-TL42	Trace Level Au - 15 g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

To: KLONDIKE SILVER  
ATTN: WILLIAM MANN  
19 HAYES CRES  
WHITEHORSE YT Y1A 0E1

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 WH10078151

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-TL42 Au ppm	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
I065001		0.54	0.466	>100	0.21	>10000	0.5	<10	20	0.13	327	0.08	56.1	4.54	0.7	17
I065002		0.66	0.422	>100	0.29	>10000	0.4	<10	30	0.17	43.1	0.03	41.8	6.19	0.5	5
I065003		0.53	>1.00	>100	0.31	>10000	1.1	<10	30	0.59	239	0.01	17.50	4.79	1.6	28
I065004		0.36	0.471	>100	0.22	>10000	0.4	<10	50	0.27	6.80	0.01	7.27	2.68	1.3	7
I065005		0.48	0.016	3.07	5.69	479	<0.2	<10	100	0.12	2.55	3.85	0.32	33.9	16.0	22
I065006		0.78	0.004	1.19	0.63	172.0	<0.2	<10	180	0.54	0.48	0.04	0.35	11.55	7.7	16
I065007		0.36	0.386	16.55	0.26	370	0.2	<10	10	0.10	964	0.26	174.0	0.83	25.5	3
I065008		0.70	0.013	0.35	0.95	43	<0.2	<10	10	0.26	17.20	17.55	2.08	17.10	1.6	5
I065009		0.79	0.007	6.23	0.43	37.3	<0.2	<10	20	0.10	13.25	3.98	26.2	5.07	11.3	7
I065010		0.61	0.006	3.54	0.24	45.5	<0.2	<10	20	0.11	1.36	3.62	283	8.96	41.6	2
I065011		0.53	0.071	6.31	1.28	7010	<0.2	<10	80	0.78	26.1	0.15	2.22	28.8	1.3	19
I065012		0.36	0.915	>100	0.32	>10000	0.9	<10	160	0.82	339	0.03	1.37	73.3	1.8	19
I065013		0.65	>1.00	>100	0.31	>10000	1.8	<10	40	0.39	1090	0.02	3.60	6.91	7.7	2
I065014		0.66	0.037	10.70	0.31	>10000	<0.2	<10	150	0.30	89.0	<0.01	0.90	30.4	0.7	20
I065015		0.54	0.055	6.48	0.73	4140	<0.2	<10	80	0.95	31.9	0.03	0.56	37.5	0.5	1
I065016		0.40	0.001	0.20	0.41	91.4	<0.2	<10	30	0.58	0.75	<0.01	0.05	32.9	0.3	16
I065017		0.77	0.823	5.95	0.14	>10000	0.8	<10	10	0.37	12.50	0.01	9.00	4.93	0.5	3
I065018		0.62	>1.00	8.41	0.14	>10000	1.1	<10	10	0.53	17.25	0.01	4.17	4.15	0.6	21
I065019		0.43	0.146	1.74	0.04	9700	<0.2	<10	30	0.06	1.66	0.01	0.54	2.15	0.4	6
I065020		0.52	0.135	1.33	0.09	>10000	<0.2	<10	50	0.13	7.91	<0.01	0.70	4.19	0.4	44
I065021		0.64	>1.00	7.55	0.26	>10000	1.0	<10	50	1.32	8.56	0.01	19.45	62.3	1.2	5



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## CERTIFICATE OF ANALYSIS WH10078151

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
I065001		0.25	1470	4.75	2.19	0.10	<0.02	1.02	2.64	0.05	2.6	0.8	0.01	77	306	0.01
I065002		0.67	137.5	3.60	2.65	0.05	0.02	0.21	2.79	0.24	3.8	2.2	0.02	76	40.3	0.01
I065003		0.51	711	6.55	4.80	0.09	<0.02	0.53	17.90	0.12	2.9	1.0	0.01	70	106.5	0.01
I065004		0.54	261	2.65	2.35	<0.05	<0.02	0.32	4.04	0.10	1.6	1.2	0.01	55	14.95	0.01
I065005		1.63	47.5	6.51	13.65	0.22	0.14	0.01	0.223	0.14	17.6	28.2	0.76	598	1.32	0.36
I065006		1.25	54.2	1.91	2.74	<0.05	<0.02	<0.01	0.034	0.19	6.9	6.1	0.20	209	2.82	0.01
I065007		1.33	2390	30.8	5.70	0.44	<0.02	0.14	68.7	0.02	0.6	1.0	0.08	946	128.0	0.01
I065008		1.03	19.7	11.25	13.95	0.81	0.12	0.01	5.13	0.01	7.1	1.1	0.13	1900	1.18	0.01
I065009		0.70	4720	4.95	2.98	0.11	0.16	0.24	1.905	0.01	3.4	0.6	0.21	1700	29.4	0.01
I065010		1.32	624	4.26	2.64	0.20	0.03	0.09	2.26	0.02	5.9	1.0	0.15	1560	9.72	0.01
I065011		19.05	541	5.53	7.84	0.12	0.41	0.01	0.731	0.51	21.6	27.8	0.74	276	1.75	0.03
I065012		0.97	821	9.25	5.20	0.15	0.13	0.03	4.97	0.88	49.1	2.7	0.02	74	2.76	0.07
I065013		0.42	>10000	15.05	9.59	0.23	0.06	<0.01	5.93	0.42	4.3	2.8	<0.01	86	2.96	0.03
I065014		1.03	333	5.88	4.32	0.08	0.07	0.01	1.455	0.96	19.5	2.6	0.02	60	1.34	0.02
I065015		3.07	531	2.53	7.73	0.06	0.12	<0.01	0.218	0.30	26.2	15.3	0.26	116	1.59	0.04
I065016		0.58	19.9	1.63	3.53	0.05	0.04	<0.01	0.032	0.14	20.0	3.2	0.04	62	0.51	0.03
I065017		0.23	144.5	4.90	3.65	0.08	<0.02	<0.01	0.072	0.09	2.8	1.9	0.01	53	2.44	0.01
I065018		0.33	121.0	7.32	6.74	0.11	<0.02	0.28	0.144	0.05	2.3	1.8	0.01	52	2.62	0.01
I065019		0.19	97.8	1.22	0.50	<0.05	<0.02	<0.01	0.022	0.02	1.4	1.4	<0.01	50	0.61	0.01
I065020		0.31	150.0	1.73	0.93	<0.05	0.03	<0.01	0.034	0.05	2.6	1.7	0.01	55	1.15	<0.01
I065021		0.35	799	3.32	1.86	0.08	<0.02	0.02	0.058	0.03	34.6	2.1	0.01	73	1.62	0.02



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## CERTIFICATE OF ANALYSIS WH10078151

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
I065001		0.13	3.6	490	>10000	7.1	0.004	4.34	1630	1.1	1.6	2.7	20.4	<0.01	0.43	2.6
I065002		0.14	0.9	260	>10000	30.9	<0.001	0.53	866	1.0	0.3	4.2	9.1	<0.01	0.36	3.1
I065003		0.23	1.4	2460	>10000	14.9	<0.001	1.09	1150	1.0	5.1	11.7	10.0	<0.01	1.89	4.6
I065004		0.25	0.9	780	>10000	14.5	<0.001	0.48	657	0.4	0.9	3.1	5.0	<0.01	0.14	3.4
I065005		0.70	5.3	2220	593	6.9	0.001	0.67	10.40	13.1	0.9	0.8	267	0.03	0.03	5.7
I065006		0.28	22.1	200	148.0	15.7	<0.001	0.02	3.57	1.5	0.7	0.2	12.6	<0.01	0.06	2.4
I065007		0.24	9.7	50	660	7.3	<0.001	0.09	5.55	0.9	37.3	4.1	3.7	<0.01	4.54	0.3
I065008		0.26	3.6	230	38.9	2.4	<0.001	<0.01	0.49	2.6	0.4	106.5	32.2	<0.01	0.09	0.7
I065009		0.15	3.7	320	151.0	1.4	0.002	0.02	1.67	1.6	1.8	18.3	6.0	<0.01	0.05	0.4
I065010		0.21	4.6	130	48.7	3.8	0.001	<0.01	0.52	1.4	5.9	27.5	3.6	<0.01	0.01	0.7
I065011		2.35	1.1	280	510	123.5	<0.001	0.23	33.5	2.2	1.2	4.5	31.0	0.01	0.19	26.9
I065012		0.46	1.1	350	>10000	94.0	<0.001	1.98	194.0	1.8	9.3	6.8	102.0	<0.01	3.36	8.4
I065013		0.53	0.3	160	3000	37.0	<0.001	2.74	219	2.5	19.2	10.3	19.2	<0.01	17.75	22.8
I065014		0.51	0.8	90	1110	65.3	<0.001	1.75	16.25	0.5	1.1	3.3	90.7	<0.01	0.85	14.0
I065015		1.40	0.4	120	256	43.5	<0.001	0.19	10.80	1.1	1.9	1.2	7.7	<0.01	0.58	25.3
I065016		3.10	0.9	120	30.3	11.7	<0.001	0.04	1.91	1.1	0.4	0.7	6.3	0.01	0.01	28.5
I065017		0.24	0.4	30	973	7.5	<0.001	0.48	538	0.9	0.9	3.9	2.6	<0.01	0.21	3.3
I065018		0.33	2.8	40	197.5	9.4	<0.001	0.49	253	1.2	1.1	7.9	2.3	<0.01	0.43	1.9
I065019		0.14	0.8	10	126.0	2.8	<0.001	0.12	80.0	0.2	<0.2	0.3	1.8	<0.01	0.02	3.2
I065020		0.21	1.7	30	76.5	6.8	<0.001	0.19	99.3	0.4	<0.2	0.5	1.8	<0.01	0.04	8.9
I065021		0.19	0.7	60	1050	9.7	<0.001	0.38	425	0.5	0.7	0.7	28.5	<0.01	0.10	8.0



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## CERTIFICATE OF ANALYSIS WH10078151

Sample Description	Method Analyte Units LOR	ME-MS41 Ti %	ME-MS41 TI ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm	Ag-OG46 Ag ppm	Cu-OG46 Cu %	Pb-OG46 Pb %	Zn-OG46 Zn %
I065001		<0.005	0.44	32.4	3	53.4	0.54	841	<0.5	783		>20.0	
I065002		<0.005	0.36	9.48	4	1.71	0.69	257	0.8	122		1.855	
I065003		<0.005	0.42	13.95	3	26.9	1.38	777	0.5	227		4.97	
I065004		<0.005	0.15	5.86	1	10.15	0.77	181	<0.5	169		2.40	
I065005		0.178	0.12	6.54	129	0.33	35.6	44	3.2				
I065006		0.011	0.14	1.31	25	0.13	4.16	41	<0.5				
I065007		0.005	0.16	3.50	6	62.4	2.96	>10000	0.8				3.32
I065008		0.024	0.02	4.51	21	2.29	16.50	315	6.9				
I065009		0.026	0.21	4.51	8	207	7.88	4510	7.8				
I065010		0.005	0.10	7.63	5	80.3	6.16	>10000	1.4				7.24
I065011		0.061	1.92	9.89	39	4.16	3.19	318	15.1				
I065012		0.006	1.16	3.82	6	1.50	2.22	113	8.0	111		1.015	
I065013		<0.005	0.83	4.13	6	1.06	0.53	334	4.0	182	1.635		
I065014		0.007	1.23	4.09	3	0.81	1.41	50	3.7				
I065015		0.010	0.57	3.96	5	0.36	2.81	156	4.9				
I065016		0.008	0.07	1.32	3	0.14	5.39	24	1.5				
I065017		<0.005	0.49	24.8	2	3.07	0.57	230	1.0				
I065018		0.005	0.45	4.81	4	3.74	0.78	92	0.7				
I065019		<0.005	0.05	11.75	<1	0.24	0.14	62	0.7				
I065020		<0.005	0.09	14.85	1	0.21	0.29	20	1.9				
I065021		<0.005	0.51	75.0	1	0.31	2.69	161	0.5				



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**CERTIFICATE OF ANALYSIS WH10078151**

Method	CERTIFICATE COMMENTS
ME-MS41 ME-MS41	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.  Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).