



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: SILVER RANGE RESOURCES LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 30-JUN-2012

Account: RANSIL

**CERTIFICATE WH12134652**

Project: Euclid-Group 2

P.O. No.:

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUN-2012.

The following have access to data associated with this certificate:

MATT DUMALA

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
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	
ME-MS61	48 element four acid ICP-MS	
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS

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ATTN: JOAN MARIACHER  
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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.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12134652**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	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
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M676101		0.33	<0.005	0.05	6.23	7.3	50	6.53	0.21	0.39	0.24	67.4	0.9	4	7.32	5.0
M676102		0.44	<0.005	0.04	6.26	8.7	40	7.80	0.32	0.37	0.29	207	0.6	3	5.03	4.1
M676103		0.30	<0.005	0.02	5.91	2.1	50	6.06	0.26	0.35	0.33	109.0	0.8	5	6.08	7.1
M676104		0.43	<0.005	0.05	6.12	2.1	50	5.38	0.30	0.29	0.16	126.5	0.6	3	4.53	3.1
M676105		0.64	<0.005	0.01	6.54	1.0	60	10.10	0.20	0.33	0.04	58.5	0.3	3	6.84	2.5
M676106		0.24	<0.005	0.12	6.34	3.1	40	9.87	0.82	0.70	0.54	140.0	0.6	4	16.35	8.5
M676107		0.81	<0.005	0.03	6.19	2.3	50	9.07	0.22	0.67	0.67	132.5	0.7	6	18.60	5.6
M676108		1.09	<0.005	0.50	2.70	4.1	340	0.73	0.23	0.99	0.34	28.7	1.0	60	3.59	28.9
M676109		0.39	<0.005	0.13	6.23	19.3	120	6.20	0.13	0.41	0.23	204	0.4	6	9.68	6.1
M676110		0.51	<0.005	0.23	6.46	10.1	50	10.45	0.24	0.26	0.27	130.5	0.7	3	5.67	3.1
M676111		0.30	<0.005	1.57	2.77	24.9	580	2.10	0.10	0.10	0.52	18.20	0.4	87	4.86	62.4



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Project: Euclid-Group 2

**CERTIFICATE OF ANALYSIS WH12134652**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M676101		1.44	26.2	0.12	6.3	0.066	4.46	36.1	73.0	0.10	167	1.37	1.39	42.2	3.6	70
M676102		1.45	26.9	0.40	6.7	0.059	4.13	97.4	75.1	0.05	132	2.79	1.60	40.8	2.6	180
M676103		1.43	24.0	0.18	6.3	0.064	3.96	55.5	62.2	0.06	119	2.06	1.42	35.6	2.3	60
M676104		1.32	23.7	0.25	6.7	0.061	3.92	66.5	67.2	0.06	83	2.09	1.31	34.7	1.4	100
M676105		1.36	29.5	0.11	7.0	0.052	3.95	30.8	118.5	0.05	182	1.41	2.00	55.0	1.4	40
M676106		1.38	27.4	0.31	6.7	0.073	4.11	61.4	57.4	0.06	211	4.12	2.06	44.9	2.2	90
M676107		1.37	26.6	0.29	6.4	0.080	4.02	58.5	49.7	0.07	210	4.06	1.90	43.6	2.7	80
M676108		0.89	6.20	0.06	1.3	0.007	1.23	15.6	18.3	1.05	91	5.88	0.05	4.4	16.3	1360
M676109		0.99	27.8	0.48	6.3	0.040	3.91	81.6	58.6	0.09	46	1.68	1.45	43.3	3.8	390
M676110		1.21	25.6	0.17	7.3	0.069	4.76	64.4	86.3	0.07	103	2.76	1.27	39.9	2.3	70
M676111		0.76	10.30	<0.05	1.3	0.015	1.21	13.4	9.1	0.25	40	45.1	0.02	7.2	25.6	860



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Project: Euclid-Group 2

**CERTIFICATE OF ANALYSIS WH12134652**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M676101		33.8	530	<0.002	0.01	0.49	3.4	1	10.8	20.1	4.10	<0.05	76.5	0.059	2.67	7.4
M676102		33.8	470	0.002	0.01	0.97	3.6	3	9.6	14.9	3.93	<0.05	75.8	0.062	2.38	13.6
M676103		29.9	412	<0.002	0.01	0.44	3.6	<1	9.2	15.0	3.44	<0.05	69.5	0.065	2.15	9.0
M676104		30.7	403	<0.002	0.01	0.64	3.8	<1	9.4	15.1	3.52	<0.05	71.3	0.071	2.08	9.7
M676105		39.3	590	<0.002	0.01	0.18	2.9	<1	17.3	8.3	5.81	<0.05	80.3	0.039	2.84	12.6
M676106		42.0	540	0.002	0.01	0.40	3.5	3	13.2	10.0	4.57	<0.05	82.0	0.058	2.93	20.0
M676107		39.8	550	0.002	0.01	0.40	3.4	3	12.8	10.4	4.35	<0.05	78.8	0.058	3.18	19.4
M676108		12.0	47.5	0.027	0.06	2.52	4.0	2	1.2	72.2	0.33	0.05	4.9	0.137	0.63	6.7
M676109		45.0	520	0.003	0.01	2.12	3.2	5	9.8	14.0	4.40	<0.05	75.5	0.057	2.73	21.6
M676110		55.0	500	0.002	0.03	1.77	3.8	1	10.8	14.6	4.18	<0.05	63.5	0.067	3.40	13.1
M676111		27.7	65.3	0.126	0.10	7.27	5.0	3	1.5	34.4	0.44	0.16	4.6	0.175	1.30	21.1



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**CERTIFICATE OF ANALYSIS WH12134652**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2
M676101		4	2.9	58.5	63	146.5	56.2	77.7	<10	7.48	8.64	5.56	0.17	28.2	5.78	6.8
M676102		2	4.0	65.7	60	159.0	45.6	211	10	4.96	14.95	6.98	0.26	27.5	17.10	7.1
M676103		1	2.7	24.4	62	155.5	51.3	120.5	<10	6.34	5.21	3.03	0.26	25.7	5.04	7.4
M676104		2	2.6	34.4	53	157.5	56.3	138.5	<10	4.58	7.30	3.84	0.33	26.0	8.03	7.6
M676105		1	4.1	29.6	51	142.0	64.2	60.2	<10	6.94	5.00	3.23	0.12	32.1	4.09	7.3
M676106		14	3.5	90.7	107	142.5	41.0	141.5	<10	15.45	15.90	8.82	0.16	27.0	15.00	6.8
M676107		17	3.5	87.4	100	139.5	50.9	140.5	<10	18.70	16.10	8.96	0.18	27.2	14.85	6.7
M676108		406	0.4	16.8	19	39.7	332	28.3	80	3.33	2.76	1.69	0.67	6.5	2.90	4.7
M676109		25	6.2	89.8	65	134.0	115.5	196.0	10	9.07	22.6	10.40	0.28	26.7	22.5	6.1
M676110		3	4.2	43.9	59	165.5	51.4	125.5	<10	5.23	8.86	4.98	0.21	25.6	8.45	7.3
M676111		2450	1.2	24.6	31	48.0	519	16.2	100	4.04	3.09	2.05	0.57	9.8	2.97	1.4



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Project: Euclid-Group 2

**CERTIFICATE OF ANALYSIS WH12134652**

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.5
M676101		1.83	41.2	0.73	44.0	26.6	8.79	584	6.39	14	21.5	4.5	1.20	81.4	1.7
M676102		2.59	101.5	0.81	41.2	96.8	29.1	506	22.5	12	15.9	4.3	2.58	80.7	1.7
M676103		0.99	60.5	0.48	38.0	40.9	13.60	458	8.03	12	16.4	3.9	0.83	75.4	1.6
M676104		1.33	70.8	0.52	37.0	60.2	18.95	439	12.55	12	17.0	3.7	1.25	76.4	1.6
M676105		1.05	30.8	0.50	57.3	20.2	6.40	641	5.00	21	8.9	6.4	0.77	80.7	2.0
M676106		3.06	61.7	1.19	44.0	64.8	18.75	525	17.20	15	10.3	4.7	2.53	77.6	1.0
M676107		3.11	61.7	1.18	45.0	64.8	18.55	570	17.40	16	11.1	4.7	2.55	78.1	1.2
M676108		0.55	14.4	0.25	4.5	13.6	3.84	47.4	2.93	1	75.6	0.3	0.45	4.71	0.5
M676109		3.80	80.7	1.34	41.6	108.5	31.7	504	30.6	12	14.0	4.4	3.88	72.1	2.0
M676110		1.74	62.9	0.67	40.1	45.4	14.35	536	9.90	13	14.6	4.1	1.40	59.7	2.3
M676111		0.64	9.1	0.36	6.1	9.8	2.40	59.0	2.84	<1	32.1	0.4	0.46	3.78	0.7



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**CERTIFICATE OF ANALYSIS WH12134652**

Sample Description	Method Analyte Units LOR	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 20
M676101		8.55	<5	3	64.6	4.93	170
M676102		15.80	<5	4	70.1	5.84	190
M676103		10.75	<5	3	26.5	3.21	210
M676104		11.30	<5	3	38.9	3.48	210
M676105		14.05	<5	4	31.3	3.33	160
M676106		20.6	13	3	94.7	8.10	160
M676107		21.0	15	3	93.1	8.35	160
M676108		6.95	412	<1	18.3	1.64	180
M676109		22.3	24	6	93.5	9.77	150
M676110		13.05	<5	4	45.8	4.57	200
M676111		20.0	2540	1	23.6	2.23	60



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Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.