



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **ARCUS DEVELOPMENT GROUP**
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

Page: 1
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 7-OCT-2017
Account: DEVARC

CERTIFICATE WH17183037

Project: Dan Man

P.O. No.: 1006216-Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.

The following have access to data associated with this certificate:

IAN TALBOT

WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST 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.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: ARCUS DEVELOPMENT GROUP
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

Page: 2 - A
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 7-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183037

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
		0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	5	0.05	50
W590217		2.96	0.087	<1	0.51	50	80	<5	10	<0.05	<5	5	6	39	1.17	<50
W590218		0.32	1.370	32	1.19	510	630	<5	20	0.25	31	9	12	134	5.37	<50
W590219		2.98	0.078	<1	0.51	60	50	<5	10	<0.05	<5	7	7	6	0.85	<50
W590220		2.94	0.025	<1	0.54	50	60	<5	<10	0.07	<5	6	7	6	1.20	<50
W590221		3.02	0.024	<1	0.46	50	60	<5	10	<0.05	<5	<5	7	5	0.90	<50
W590222		3.22	0.182	<1	0.48	70	100	<5	20	<0.05	<5	7	8	8	1.25	<50
W590223		2.84	0.201	<1	0.61	220	130	<5	10	0.05	<5	13	18	<5	2.19	<50
W590224		3.20	0.017	<1	0.58	90	100	<5	10	0.06	<5	9	12	10	1.84	<50
W590225		2.42	0.002	<1	0.49	<10	50	<5	10	<0.05	<5	5	8	7	0.65	<50
W590226		2.84	0.035	4	0.50	40	70	<5	10	<0.05	<5	6	8	14	0.94	<50
W590227		3.00	0.029	<1	0.45	60	<50	<5	10	<0.05	<5	8	8	5	0.89	<50
W590228		3.34	0.083	<1	0.47	30	<50	<5	10	<0.05	<5	<5	8	<5	0.74	<50
W590229		3.16	0.134	<1	0.46	60	<50	<5	10	<0.05	<5	<5	9	<5	0.93	<50
W590230		2.60	0.114	<1	0.74	40	<50	<5	10	<0.05	<5	<5	11	<5	0.96	<50
W590231		3.06	0.099	<1	0.40	30	<50	<5	<10	<0.05	<5	<5	7	<5	0.56	<50
W590232		3.18	0.110	<1	0.52	40	<50	<5	10	<0.05	<5	<5	6	<5	0.82	<50
W590233		3.48	0.149	<1	0.39	40	50	<5	10	<0.05	<5	5	9	<5	0.82	<50
W590234		3.66	0.102	<1	0.46	40	60	<5	10	<0.05	<5	<5	8	<5	0.68	<50
W590235		3.18	0.099	<1	0.48	40	<50	<5	10	<0.05	<5	<5	9	<5	0.68	<50
W590236		3.92	0.027	<1	0.46	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.65	<50
W590237		3.70	0.012	<1	0.41	10	<50	<5	10	<0.05	<5	<5	7	<5	0.53	<50
W590238		4.04	0.010	<1	0.38	10	<50	<5	10	<0.05	<5	<5	9	<5	0.59	<50
W590239		3.80	0.036	<1	0.35	20	<50	<5	<10	<0.05	<5	<5	9	<5	0.55	<50
W590240		2.40	<0.001	<1	<0.05	<10	<50	<5	<10	20.3	<5	<5	<5	<5	0.44	<50
W590241		3.50	0.024	<1	0.52	20	<50	<5	<10	0.07	<5	<5	6	<5	0.69	<50
W590242		3.74	0.038	<1	0.44	<10	70	<5	<10	<0.05	<5	6	7	<5	0.52	<50
W590243		3.54	0.114	<1	0.44	30	<50	<5	10	0.11	<5	<5	8	<5	0.93	<50
W590244		3.66	0.073	<1	0.44	30	80	<5	<10	<0.05	<5	<5	7	20	0.79	<50
W590245		3.78	0.047	<1	0.48	20	80	<5	<10	<0.05	<5	<5	6	5	0.64	<50
W590246		3.30	0.118	<1	0.37	50	60	<5	10	<0.05	<5	<5	7	5	0.72	<50
W590247		3.38	0.118	<1	0.43	40	160	<5	<10	<0.05	<5	<5	8	<5	0.62	<50
W590248		3.50	0.139	<1	0.36	40	50	<5	10	<0.05	<5	<5	7	<5	0.65	<50
W590249		3.30	0.090	<1	0.54	30	100	<5	<10	0.06	<5	<5	6	<5	0.95	<50
W590250		3.38	0.066	<1	0.52	30	60	<5	10	0.05	<5	<5	8	<5	0.97	<50
W590251		4.12	0.062	<1	0.36	10	<50	<5	<10	<0.05	<5	<5	7	<5	0.51	<50
W590252		3.26	0.073	<1	0.46	20	50	<5	<10	0.05	<5	<5	7	7	0.73	<50



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: ARCUS DEVELOPMENT GROUP
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

Page: 2 - B
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 7-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183037

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		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
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590217		<5	0.21	<50	<0.05	290	<5	<0.05	6	150	20	<0.05	20	<5	22	<100
W590218		9	0.51	<50	0.09	1010	<5	<0.05	7	1420	3270	0.36	50	5	160	<100
W590219		<5	0.15	<50	<0.05	210	<5	<0.05	<5	110	<10	<0.05	<10	<5	15	<100
W590220		<5	0.26	<50	<0.05	270	<5	<0.05	5	220	10	<0.05	10	<5	22	<100
W590221		<5	0.20	50	<0.05	180	<5	<0.05	<5	120	10	<0.05	<10	<5	22	<100
W590222		<5	0.29	<50	<0.05	360	<5	<0.05	9	140	10	<0.05	20	<5	8	<100
W590223		<5	0.34	<50	0.05	560	<5	<0.05	36	240	10	<0.05	10	<5	37	<100
W590224		<5	0.23	<50	0.05	420	<5	<0.05	27	260	10	<0.05	10	<5	44	<100
W590225		<5	0.20	<50	<0.05	210	<5	<0.05	8	120	10	<0.05	<10	<5	14	<100
W590226		<5	0.21	<50	<0.05	250	<5	<0.05	<5	120	10	<0.05	10	<5	27	<100
W590227		<5	0.20	<50	<0.05	90	<5	<0.05	6	90	10	<0.05	20	<5	17	<100
W590228		<5	0.18	<50	<0.05	80	<5	<0.05	<5	80	10	<0.05	10	<5	13	<100
W590229		<5	0.19	<50	<0.05	190	<5	<0.05	<5	100	20	<0.05	10	<5	9	<100
W590230		<5	0.22	<50	<0.05	190	<5	<0.05	<5	120	20	<0.05	10	<5	12	<100
W590231		<5	0.13	<50	<0.05	40	<5	0.06	<5	90	10	<0.05	20	<5	17	<100
W590232		<5	0.18	<50	<0.05	140	<5	0.05	6	100	20	<0.05	10	<5	17	<100
W590233		<5	0.18	<50	<0.05	190	<5	<0.05	<5	100	40	<0.05	20	<5	9	<100
W590234		<5	0.16	<50	<0.05	270	<5	<0.05	<5	70	10	<0.05	10	<5	7	<100
W590235		<5	0.20	<50	<0.05	110	<5	<0.05	<5	70	20	<0.05	10	<5	6	<100
W590236		<5	0.19	<50	<0.05	150	<5	<0.05	<5	50	20	<0.05	10	<5	9	<100
W590237		<5	0.20	<50	<0.05	150	<5	0.07	<5	70	10	<0.05	10	<5	12	<100
W590238		<5	0.25	<50	<0.05	100	<5	0.09	<5	50	<10	<0.05	<10	<5	8	<100
W590239		<5	0.20	<50	<0.05	130	<5	0.07	<5	60	10	<0.05	<10	<5	11	<100
W590240		<5	<0.05	<50	12.05	190	<5	<0.05	<5	180	10	<0.05	20	<5	51	<100
W590241		<5	0.22	<50	0.05	100	<5	<0.05	<5	60	10	<0.05	<10	<5	18	<100
W590242		<5	0.28	<50	<0.05	110	<5	<0.05	<5	80	10	<0.05	10	<5	9	<100
W590243		<5	0.33	<50	0.06	110	<5	<0.05	<5	80	10	<0.05	10	<5	22	<100
W590244		<5	0.27	<50	<0.05	270	<5	<0.05	10	70	20	<0.05	<10	<5	15	<100
W590245		<5	0.16	<50	<0.05	300	<5	<0.05	<5	80	10	<0.05	<10	<5	16	<100
W590246		<5	0.19	50	<0.05	110	<5	<0.05	<5	80	10	<0.05	10	<5	15	<100
W590247		<5	0.18	<50	<0.05	90	<5	<0.05	<5	<50	10	<0.05	<10	<5	9	<100
W590248		<5	0.18	<50	<0.05	130	<5	<0.05	<5	50	10	<0.05	<10	<5	15	<100
W590249		<5	0.15	50	<0.05	310	<5	<0.05	<5	100	20	<0.05	10	<5	32	<100
W590250		<5	0.13	<50	<0.05	190	<5	<0.05	<5	50	20	<0.05	10	<5	16	<100
W590251		<5	0.20	<50	<0.05	90	<5	0.05	<5	60	<10	<0.05	10	<5	14	<100
W590252		<5	0.19	50	<0.05	120	<5	<0.05	<5	100	20	<0.05	10	<5	19	<100



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: ARCUS DEVELOPMENT GROUP
 510 WEST HASTINGS ST.
 VANCOUVER BC V6B 1L8

Page: 2 - C
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 7-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183037

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti	Ti	U	V	W	Zn
		% 0.05	ppm 50	ppm 50	ppm 5	ppm 50	ppm 10
W590217		<0.05	<50	<50	<5	<50	10
W590218		<0.05	<50	<50	58	<50	2220
W590219		<0.05	<50	<50	<5	<50	10
W590220		<0.05	<50	<50	<5	<50	10
W590221		<0.05	<50	<50	<5	<50	10
W590222		<0.05	<50	<50	6	<50	10
W590223		<0.05	<50	<50	14	<50	20
W590224		<0.05	<50	<50	7	<50	20
W590225		<0.05	<50	<50	<5	<50	<10
W590226		<0.05	<50	<50	<5	<50	10
W590227		<0.05	<50	<50	<5	<50	10
W590228		<0.05	<50	<50	<5	<50	10
W590229		<0.05	<50	<50	<5	<50	20
W590230		<0.05	<50	<50	<5	<50	10
W590231		<0.05	<50	<50	<5	<50	<10
W590232		<0.05	<50	<50	<5	<50	10
W590233		<0.05	<50	<50	<5	<50	<10
W590234		<0.05	<50	<50	<5	<50	<10
W590235		<0.05	<50	<50	<5	<50	<10
W590236		<0.05	<50	<50	<5	<50	<10
W590237		<0.05	<50	<50	<5	<50	10
W590238		<0.05	<50	<50	<5	<50	50
W590239		<0.05	<50	<50	<5	<50	<10
W590240		<0.05	<50	<50	<5	<50	10
W590241		<0.05	<50	<50	<5	<50	10
W590242		<0.05	<50	<50	<5	<50	<10
W590243		<0.05	<50	<50	<5	<50	<10
W590244		<0.05	<50	<50	<5	<50	10
W590245		<0.05	<50	<50	<5	<50	<10
W590246		<0.05	<50	<50	<5	<50	<10
W590247		<0.05	<50	<50	<5	<50	<10
W590248		<0.05	<50	<50	<5	<50	10
W590249		<0.05	<50	<50	<5	<50	10
W590250		<0.05	<50	<50	<5	<50	10
W590251		<0.05	<50	<50	<5	<50	<10
W590252		<0.05	<50	<50	<5	<50	10



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: ARCUS DEVELOPMENT GROUP
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 7-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183037

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21

BAG-01

CRU-31

CRU-QC

LOG-22

LOG-23

ME-ICP41a

PUL-32

PUL-QC

SPL-21

WEI-21