



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: 23-OCT-2017
Account: DEVARC

CERTIFICATE WH17189990

Project: Dan Man

P.O. No.: 1006216-Batch 51

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-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
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: 23-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189990

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	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
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	5	0.05	50
K294201		2.80	<0.001	<1	0.58	20	<50	<5	<10	0.06	<5	<5	11	<5	0.78	<50
K294202		3.10	<0.001	<1	0.55	10	<50	<5	<10	<0.05	<5	<5	7	<5	0.79	<50
K294203		2.64	<0.001	<1	0.42	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.84	<50
K294204		2.68	<0.001	<1	0.63	10	<50	<5	<10	<0.05	<5	<5	<5	<5	0.66	<50
K294205		2.44	<0.001	1	2.37	70	130	6	<10	0.15	<5	24	169	17	5.46	<50
K294206		2.68	<0.001	<1	0.66	20	<50	<5	<10	<0.05	<5	<5	26	<5	1.21	<50
K294207		2.78	0.081	<1	0.75	50	50	<5	<10	<0.05	<5	<5	7	5	0.81	<50
K294208		2.12	<0.001	<1	<0.05	<10	<50	<5	<10	22.5	<5	<5	<5	<5	0.46	<50
K294209		2.42	0.065	<1	0.55	30	<50	<5	<10	0.07	<5	<5	10	7	1.08	<50
K294210		2.88	0.015	<1	1.24	60	90	<5	<10	0.38	<5	10	50	5	2.39	<50
K294211		3.32	<0.001	<1	0.49	<10	<50	<5	<10	0.93	<5	<5	8	<5	0.76	<50
K294212		3.10	<0.001	<1	0.46	<10	<50	<5	<10	0.54	<5	<5	8	<5	0.61	<50
K294213		3.18	0.007	<1	0.50	30	<50	<5	<10	0.66	<5	<5	8	<5	0.51	<50
K294214		3.00	0.002	1	0.61	<10	<50	<5	<10	0.44	<5	<5	6	<5	0.39	<50
K294215		3.06	<0.001	<1	0.47	20	<50	<5	<10	0.77	<5	<5	9	5	0.46	<50
K294216		3.40	<0.001	<1	0.42	10	<50	<5	<10	0.55	<5	<5	8	8	0.36	<50
K294217		3.24	0.005	<1	0.49	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.50	<50
K294218		3.56	0.003	<1	0.41	20	<50	<5	10	0.40	<5	<5	10	<5	0.45	<50
K294219		3.10	<0.001	<1	0.47	10	<50	<5	10	0.57	<5	<5	7	<5	0.45	<50
K294220		3.24	0.002	<1	0.50	20	<50	<5	<10	0.10	<5	<5	7	<5	0.49	<50
K294221		3.24	<0.001	<1	0.51	<10	<50	<5	<10	1.58	<5	<5	8	<5	0.39	<50
K294222		3.08	<0.001	<1	0.39	20	<50	<5	<10	1.02	<5	<5	8	<5	0.39	<50
K294223		2.96	<0.001	<1	0.62	<10	<50	<5	<10	0.21	<5	<5	5	<5	0.41	<50
K294224		2.92	<0.001	<1	0.52	<10	50	<5	<10	<0.05	<5	<5	6	<5	0.35	<50
K294225		3.30	0.031	<1	0.43	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.73	<50
K294226		3.06	0.009	1	0.49	10	<50	<5	<10	0.22	<5	<5	9	<5	0.61	<50
K294227		3.02	0.016	<1	0.47	10	<50	<5	<10	0.08	<5	<5	7	<5	0.66	<50
K294228		0.32	1.505	33	1.25	540	660	<5	<10	0.27	32	<5	13	135	5.49	<50
K294229		3.06	0.015	<1	0.38	40	<50	<5	<10	0.11	<5	<5	8	<5	0.73	<50
K294230		3.08	0.002	<1	0.49	10	<50	<5	<10	0.43	<5	<5	8	<5	0.52	<50
K294231		3.24	0.017	<1	0.41	30	<50	<5	<10	0.71	<5	<5	11	<5	0.59	<50
K294232		3.64	<0.001	<1	0.50	<10	120	<5	<10	0.64	<5	<5	8	<5	0.61	<50
K294233		3.30	<0.001	<1	0.35	<10	<50	<5	<10	0.87	<5	<5	9	<5	0.55	<50
K294234		3.50	0.001	<1	0.40	10	<50	<5	<10	0.59	<5	<5	10	<5	0.62	<50
K294235		3.46	0.001	<1	0.57	20	<50	<5	<10	1.13	<5	<5	<5	<5	2.05	<50
K294236		3.08	0.013	<1	0.46	20	50	<5	<10	0.83	<5	<5	8	<5	0.64	<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: 23-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189990

Sample Description	Method Analyte Units LOR	ME-ICP41a Hg ppm 5	ME-ICP41a K % 0.05	ME-ICP41a La ppm 50	ME-ICP41a Mg % 0.05	ME-ICP41a Mn ppm 30	ME-ICP41a Mo ppm 5	ME-ICP41a Na % 0.05	ME-ICP41a Ni ppm 5	ME-ICP41a P ppm 50	ME-ICP41a Pb ppm 10	ME-ICP41a S % 0.05	ME-ICP41a Sb ppm 10	ME-ICP41a Sc ppm 5	ME-ICP41a Sr ppm 5	ME-ICP41a Th ppm 100
K294201		<5	0.18	<50	<0.05	110	<5	<0.05	<5	60	20	<0.05	<10	<5	7	<100
K294202		<5	0.15	<50	<0.05	110	<5	<0.05	<5	70	20	<0.05	<10	<5	8	<100
K294203		<5	0.15	<50	<0.05	150	<5	<0.05	<5	<50	20	<0.05	<10	<5	7	<100
K294204		<5	0.20	<50	<0.05	110	<5	<0.05	<5	50	10	<0.05	<10	<5	9	<100
K294205		<5	1.25	<50	1.37	790	<5	<0.05	54	290	30	<0.05	<10	23	36	<100
K294206		<5	0.25	<50	0.15	190	<5	<0.05	5	60	10	<0.05	<10	<5	13	<100
K294207		<5	0.26	<50	<0.05	200	<5	<0.05	<5	110	10	<0.05	<10	<5	10	<100
K294208		<5	<0.05	<50	12.65	200	<5	<0.05	<5	200	<10	<0.05	<10	<5	36	<100
K294209		<5	0.18	<50	0.05	250	<5	<0.05	<5	140	30	<0.05	<10	<5	8	<100
K294210		<5	0.61	<50	0.45	410	<5	<0.05	24	370	20	<0.05	<10	8	23	<100
K294211		<5	0.24	<50	<0.05	140	<5	0.05	<5	110	10	<0.05	<10	<5	22	<100
K294212		<5	0.17	<50	<0.05	90	<5	0.05	<5	110	10	<0.05	<10	<5	15	<100
K294213		<5	0.18	<50	<0.05	90	<5	0.06	<5	60	20	<0.05	<10	<5	18	<100
K294214		<5	0.19	<50	<0.05	90	<5	<0.05	<5	100	30	<0.05	<10	<5	19	<100
K294215		<5	0.19	<50	<0.05	120	<5	<0.05	<5	50	20	<0.05	<10	<5	24	<100
K294216		<5	0.17	<50	<0.05	100	<5	<0.05	8	<50	30	<0.05	<10	<5	17	<100
K294217		<5	0.18	<50	<0.05	150	<5	0.05	<5	50	70	<0.05	<10	<5	6	<100
K294218		<5	0.15	<50	<0.05	120	<5	<0.05	<5	50	50	<0.05	<10	<5	16	<100
K294219		<5	0.22	<50	<0.05	100	<5	<0.05	<5	60	40	<0.05	<10	<5	14	<100
K294220		<5	0.24	50	<0.05	190	<5	<0.05	<5	150	170	<0.05	<10	<5	16	<100
K294221		<5	0.18	<50	<0.05	220	<5	<0.05	<5	100	350	<0.05	<10	<5	46	<100
K294222		<5	0.20	<50	<0.05	110	<5	0.07	<5	140	90	<0.05	<10	<5	42	<100
K294223		<5	0.30	<50	<0.05	170	<5	<0.05	<5	110	50	<0.05	<10	<5	20	<100
K294224		<5	0.24	<50	<0.05	200	<5	<0.05	<5	110	50	<0.05	<10	<5	10	<100
K294225		<5	0.26	<50	<0.05	150	<5	0.05	<5	90	50	<0.05	<10	<5	10	<100
K294226		<5	0.27	<50	<0.05	120	<5	<0.05	<5	140	100	<0.05	<10	<5	10	<100
K294227		<5	0.25	<50	<0.05	140	<5	0.05	<5	50	10	<0.05	<10	<5	10	<100
K294228		<5	0.53	<50	0.10	1080	<5	<0.05	<5	1490	3590	0.46	20	5	172	<100
K294229		<5	0.26	<50	<0.05	120	<5	0.06	<5	210	10	<0.05	<10	<5	16	<100
K294230		<5	0.29	<50	<0.05	160	<5	<0.05	<5	100	20	<0.05	<10	<5	19	<100
K294231		<5	0.21	<50	<0.05	180	<5	<0.05	<5	90	20	<0.05	<10	<5	30	<100
K294232		<5	0.23	<50	<0.05	570	<5	<0.05	<5	<50	20	<0.05	<10	<5	19	<100
K294233		<5	0.21	<50	<0.05	110	<5	0.06	<5	60	10	<0.05	<10	<5	28	<100
K294234		<5	0.28	<50	<0.05	140	<5	0.06	<5	60	<10	<0.05	<10	<5	18	<100
K294235		<5	0.38	60	<0.05	180	<5	0.06	<5	180	10	<0.05	<10	<5	30	100
K294236		<5	0.32	50	<0.05	150	<5	0.08	<5	160	10	<0.05	<10	<5	37	<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: 23-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189990

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
K294201		<0.05	<50	<50	5	<50	10
K294202		<0.05	<50	<50	<5	<50	<10
K294203		<0.05	<50	<50	<5	<50	<10
K294204		<0.05	<50	<50	<5	<50	<10
K294205		0.10	<50	<50	124	<50	120
K294206		<0.05	<50	<50	17	<50	20
K294207		<0.05	<50	<50	<5	<50	10
K294208		<0.05	<50	<50	<5	<50	10
K294209		<0.05	<50	<50	<5	<50	20
K294210		<0.05	<50	<50	41	<50	50
K294211		<0.05	<50	<50	<5	<50	10
K294212		<0.05	<50	<50	<5	<50	<10
K294213		<0.05	<50	<50	<5	<50	<10
K294214		<0.05	<50	<50	<5	<50	<10
K294215		<0.05	<50	<50	<5	<50	<10
K294216		<0.05	<50	<50	<5	<50	<10
K294217		<0.05	<50	<50	<5	<50	<10
K294218		<0.05	<50	<50	<5	<50	<10
K294219		<0.05	<50	<50	<5	<50	<10
K294220		<0.05	<50	<50	<5	<50	10
K294221		<0.05	<50	<50	<5	<50	<10
K294222		<0.05	<50	<50	<5	<50	<10
K294223		<0.05	<50	<50	<5	<50	<10
K294224		<0.05	<50	<50	<5	<50	<10
K294225		<0.05	<50	<50	<5	<50	<10
K294226		<0.05	<50	<50	<5	<50	20
K294227		<0.05	<50	<50	<5	<50	10
K294228		<0.05	<50	<50	60	<50	2410
K294229		<0.05	<50	<50	<5	<50	<10
K294230		<0.05	<50	<50	<5	<50	<10
K294231		<0.05	<50	<50	<5	<50	<10
K294232		<0.05	<50	<50	<5	<50	<10
K294233		<0.05	<50	<50	<5	<50	<10
K294234		<0.05	<50	<50	<5	<50	<10
K294235		<0.05	<50	<50	<5	<50	30
K294236		<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: 23-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189990

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

LOG-22

LOG-23

ME-ICP41a

PUL-32

PUL-QC

SPL-21

WEI-21