



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: 17-OCT-2017
Account: DEVARC

CERTIFICATE WH17183055

Project: Dan MaN

P.O. No.: 1006216-Batch 11

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
LOG-23	Pulp Login - Rcvd with Barcode
BAG-01	Bulk Master for Storage
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: 17-OCT-2017
Account: DEVARC

Project: Dan MaN

CERTIFICATE OF ANALYSIS WH17183055

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
W590361		3.54	0.010	1	0.58	30	50	<5	<10	0.05	<5	<5	12	13	1.02	<50
W590362		3.02	0.023	<1	0.50	30	<50	<5	<10	1.08	<5	<5	8	<5	0.75	<50
W590363		2.96	0.034	1	0.45	10	80	<5	<10	0.29	<5	<5	8	11	0.75	<50
W590364		3.10	0.047	<1	0.47	10	<50	<5	<10	0.45	<5	<5	8	5	0.58	<50
W590365		2.90	0.090	<1	0.47	20	<50	<5	<10	<0.05	<5	<5	9	6	0.73	<50
W590366		2.78	0.073	<1	0.42	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.75	<50
W590367		2.90	0.033	<1	0.42	20	<50	<5	<10	<0.05	<5	<5	9	<5	0.73	<50
W590368		3.08	0.004	<1	0.43	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.61	<50
W590369		2.92	0.006	1	0.50	10	<50	<5	<10	<0.05	<5	<5	10	6	0.86	<50
W590370		3.28	0.008	<1	0.45	10	<50	<5	<10	<0.05	<5	<5	8	11	0.88	<50
W590371		3.18	0.055	1	0.53	30	<50	<5	<10	<0.05	<5	<5	9	11	0.82	<50
W590372		2.70	0.005	<1	0.57	10	<50	<5	<10	<0.05	<5	<5	12	8	1.11	<50
W590373		2.74	0.017	<1	0.49	30	50	<5	<10	<0.05	<5	<5	11	9	1.20	<50
W590374		3.24	0.002	<1	0.48	10	<50	<5	<10	<0.05	<5	<5	9	6	0.68	<50
W590375		3.18	0.003	<1	0.47	10	<50	<5	<10	<0.05	<5	<5	8	5	0.66	<50
W590376		2.36	0.004	<1	<0.05	<10	<50	<5	<10	19.95	<5	<5	<5	<5	0.42	<50
W590377		3.32	<0.001	1	0.44	<10	<50	<5	<10	0.05	<5	<5	8	<5	0.63	<50
W590378		2.98	<0.001	<1	0.49	<10	<50	<5	<10	<0.05	<5	<5	9	5	0.74	<50
W590379		3.02	0.005	<1	0.57	10	<50	<5	<10	0.05	<5	<5	11	5	0.86	<50
W590380		3.32	<0.001	<1	0.52	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.60	<50
W590381		3.04	0.005	1	0.54	20	<50	<5	<10	0.43	<5	<5	14	6	0.80	<50
W590382		2.78	0.001	<1	0.60	<10	<50	<5	<10	<0.05	<5	<5	10	7	0.65	<50
W590383		3.28	<0.001	<1	0.52	20	<50	<5	<10	<0.05	<5	<5	10	6	0.54	<50
W590384		3.30	0.001	1	1.08	20	<50	<5	<10	0.09	<5	6	27	5	1.93	<50
W590385		2.84	0.001	1	0.49	20	<50	<5	<10	<0.05	<5	<5	8	7	0.62	<50
W590386		3.30	<0.001	<1	0.60	10	<50	<5	<10	0.18	<5	<5	10	<5	0.65	<50
W590387		3.92	<0.001	<1	0.41	20	<50	<5	<10	0.42	<5	<5	11	7	0.61	<50
W590388		3.44	<0.001	<1	0.79	10	240	<5	<10	1.89	<5	<5	12	5	1.75	<50
W590389		0.32	1.410	30	1.17	510	660	<5	<10	0.26	32	6	11	136	5.68	<50
W590390		3.66	0.005	<1	1.08	20	880	<5	<10	3.61	<5	8	8	9	3.05	<50
W590391		3.66	<0.001	<1	1.45	10	190	<5	<10	4.06	<5	7	9	8	3.16	<50
W590392		3.62	<0.001	<1	1.07	30	280	<5	<10	3.67	<5	5	8	13	2.22	<50
W590393		4.06	<0.001	<1	1.39	20	470	<5	<10	3.33	<5	7	10	5	2.40	<50
W590394		3.38	0.035	<1	0.87	120	950	<5	<10	3.52	<5	9	5	14	2.48	<50
W590395		3.66	0.008	<1	0.99	40	250	<5	<10	3.93	<5	5	9	7	2.69	<50
W590396		3.70	<0.001	<1	0.77	20	610	<5	<10	3.37	<5	5	6	9	2.18	<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: 17-OCT-2017
Account: DEVARC

Project: Dan MaN

CERTIFICATE OF ANALYSIS WH17183055

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 5	% 0.05	ppm 50	% 0.05	ppm 30	ppm 5	% 0.05	ppm 5	ppm 50	ppm 10	% 0.05	ppm 10	ppm 5	ppm 5	ppm 100
W590361		<5	0.22	<50	<0.05	270	<5	<0.05	11	70	20	<0.05	<10	<5	21	<100
W590362		<5	0.18	<50	<0.05	210	<5	<0.05	8	70	10	<0.05	<10	<5	24	<100
W590363		<5	0.19	<50	<0.05	160	5	<0.05	12	50	20	<0.05	<10	<5	16	<100
W590364		<5	0.18	<50	<0.05	100	6	<0.05	<5	50	<10	<0.05	<10	<5	16	<100
W590365		<5	0.21	<50	<0.05	70	6	<0.05	6	60	20	<0.05	<10	<5	9	<100
W590366		<5	0.18	<50	<0.05	130	5	<0.05	6	50	10	<0.05	<10	<5	8	<100
W590367		<5	0.20	<50	<0.05	90	7	<0.05	5	<50	20	<0.05	<10	<5	9	<100
W590368		<5	0.23	<50	<0.05	160	<5	<0.05	5	<50	10	<0.05	<10	<5	<5	<100
W590369		<5	0.19	<50	<0.05	180	<5	<0.05	12	70	10	<0.05	<10	<5	12	<100
W590370		<5	0.18	<50	<0.05	230	<5	<0.05	11	110	10	<0.05	<10	<5	9	<100
W590371		<5	0.17	<50	<0.05	180	<5	<0.05	9	60	20	<0.05	<10	<5	6	<100
W590372		<5	0.18	<50	<0.05	290	<5	<0.05	8	150	10	<0.05	<10	<5	10	<100
W590373		<5	0.18	<50	<0.05	310	<5	<0.05	5	140	10	<0.05	<10	<5	5	<100
W590374		<5	0.16	<50	<0.05	150	5	<0.05	9	<50	10	<0.05	<10	<5	10	<100
W590375		<5	0.18	<50	<0.05	170	<5	<0.05	5	<50	10	<0.05	<10	<5	7	<100
W590376		<5	<0.05	<50	11.00	200	<5	<0.05	8	200	<10	<0.05	<10	<5	31	<100
W590377		<5	0.18	<50	<0.05	130	<5	<0.05	8	<50	20	<0.05	<10	<5	<5	<100
W590378		<5	0.16	<50	<0.05	200	<5	<0.05	7	<50	<10	<0.05	<10	<5	12	<100
W590379		<5	0.23	<50	<0.05	180	<5	<0.05	9	70	10	<0.05	<10	<5	11	<100
W590380		<5	0.20	<50	<0.05	150	<5	<0.05	5	<50	<10	<0.05	<10	<5	<5	<100
W590381		<5	0.24	<50	<0.05	180	<5	<0.05	7	<50	<10	<0.05	<10	<5	14	<100
W590382		<5	0.18	<50	<0.05	130	<5	<0.05	7	<50	10	<0.05	<10	<5	7	<100
W590383		<5	0.18	<50	<0.05	110	<5	<0.05	<5	<50	10	<0.05	<10	<5	6	<100
W590384		<5	0.42	<50	0.28	420	<5	<0.05	16	230	20	<0.05	<10	6	25	<100
W590385		<5	0.20	<50	<0.05	110	<5	<0.05	<5	<50	10	<0.05	<10	<5	5	<100
W590386		<5	0.17	<50	<0.05	170	<5	<0.05	5	<50	10	<0.05	<10	<5	<5	<100
W590387		<5	0.16	<50	<0.05	100	<5	<0.05	<5	<50	<10	<0.05	<10	<5	9	<100
W590388		<5	0.27	<50	0.22	400	<5	<0.05	8	270	20	<0.05	<10	<5	31	<100
W590389		<5	0.48	<50	0.10	1030	7	<0.05	12	1450	3540	0.47	30	5	160	<100
W590390		<5	0.43	<50	0.70	770	<5	<0.05	7	600	20	0.05	<10	8	78	<100
W590391		<5	0.53	<50	0.88	790	<5	<0.05	<5	640	30	0.05	<10	9	105	<100
W590392		<5	0.45	<50	0.45	620	5	<0.05	6	500	10	0.07	<10	7	94	<100
W590393		<5	0.50	<50	0.57	640	<5	<0.05	7	560	10	0.10	10	8	95	<100
W590394		<5	0.48	<50	0.67	740	5	<0.05	<5	300	<10	0.09	<10	5	105	<100
W590395		<5	0.39	<50	0.41	770	<5	<0.05	<5	450	<10	0.13	<10	8	101	<100
W590396		<5	0.44	<50	0.46	620	<5	<0.05	<5	300	<10	0.07	10	<5	75	<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: 17-OCT-2017
Account: DEVARC

Project: Dan MaN

CERTIFICATE OF ANALYSIS WH17183055

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
W590361		<0.05	<50	<50	<5	<50	20
W590362		<0.05	<50	<50	<5	<50	20
W590363		<0.05	<50	<50	<5	<50	10
W590364		<0.05	<50	<50	<5	<50	20
W590365		<0.05	<50	<50	<5	<50	10
W590366		<0.05	<50	<50	<5	<50	10
W590367		<0.05	<50	<50	<5	<50	10
W590368		<0.05	<50	<50	<5	<50	10
W590369		<0.05	<50	<50	<5	<50	30
W590370		<0.05	<50	<50	<5	<50	30
W590371		<0.05	<50	<50	<5	<50	20
W590372		<0.05	<50	<50	6	<50	30
W590373		<0.05	<50	<50	<5	<50	50
W590374		<0.05	<50	<50	<5	<50	20
W590375		<0.05	<50	<50	<5	<50	20
W590376		<0.05	<50	<50	<5	<50	20
W590377		<0.05	<50	<50	<5	<50	20
W590378		<0.05	<50	<50	<5	<50	30
W590379		<0.05	<50	<50	<5	<50	40
W590380		<0.05	<50	<50	<5	<50	10
W590381		<0.05	<50	<50	<5	<50	20
W590382		<0.05	<50	<50	<5	<50	10
W590383		<0.05	<50	<50	<5	<50	10
W590384		<0.05	<50	<50	31	<50	110
W590385		<0.05	<50	<50	<5	<50	10
W590386		<0.05	<50	<50	<5	<50	20
W590387		<0.05	<50	<50	<5	<50	20
W590388		<0.05	<50	<50	25	<50	70
W590389		<0.05	<50	<50	59	<50	2320
W590390		<0.05	<50	<50	56	<50	60
W590391		<0.05	<50	<50	58	<50	60
W590392		<0.05	<50	<50	45	<50	70
W590393		<0.05	<50	<50	51	<50	80
W590394		<0.05	<50	<50	19	<50	70
W590395		<0.05	<50	<50	42	<50	100
W590396		<0.05	<50	<50	17	<50	60



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: 17-OCT-2017
Account: DEVARC

Project: Dan MaN

CERTIFICATE OF ANALYSIS WH17183055

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