



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: 10-OCT-2017
Account: DEVARC

CERTIFICATE WH17183103

Project: Dan Man

P.O. No.: 1006216-Batch 15

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: 10-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

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
W636005		2.70	0.186	<1	0.36	20	<50	<5	10	0.24	<5	<5	8	10	0.66	<50
W636006		2.96	0.161	<1	0.54	10	<50	<5	<10	0.19	<5	<5	9	<5	0.54	<50
W636007		3.16	0.811	<1	0.35	60	130	<5	<10	0.73	<5	<5	13	<5	0.57	<50
W636008		3.06	0.467	<1	0.33	40	100	<5	<10	0.84	<5	<5	5	<5	0.46	<50
W636009		2.80	0.390	<1	0.33	60	120	<5	<10	0.52	<5	<5	7	<5	0.53	<50
W636010		3.00	0.231	<1	0.29	50	170	<5	<10	0.39	<5	<5	9	<5	0.49	<50
W636011		3.06	0.167	<1	0.58	30	<50	<5	<10	0.44	<5	<5	5	<5	0.57	<50
W636012		1.08	0.030	<1	0.57	10	80	<5	<10	0.14	<5	<5	10	6	1.24	<50
W636013		1.64	0.025	<1	0.39	10	50	<5	<10	0.10	<5	<5	9	5	0.92	<50
W636014		1.80	0.027	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	9	7	0.87	<50
W636015		2.64	0.003	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	6	11	0.73	<50
W636016		2.36	0.001	<1	0.22	<10	<50	<5	<10	<0.05	<5	<5	11	<5	0.70	<50
W636017		2.44	<0.001	<1	0.25	<10	<50	<5	<10	<0.05	<5	<5	8	<5	0.57	<50
W636018		0.28	1.375	28	1.18	520	640	<5	<10	0.25	31	5	13	133	5.39	<50
W636019		2.80	<0.001	<1	0.26	<10	<50	<5	10	0.05	<5	<5	8	<5	0.70	<50
W636020		2.46	<0.001	<1	0.28	10	<50	<5	<10	0.07	<5	<5	8	<5	0.78	<50
W636021		2.74	<0.001	<1	0.21	<10	<50	<5	<10	<0.05	<5	<5	11	5	0.72	<50
W636022		2.68	<0.001	1	0.35	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.66	<50
W636023		2.34	0.077	<1	0.40	30	<50	<5	<10	<0.05	<5	<5	10	7	1.03	<50
W636024		2.72	0.006	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	10	6	0.85	<50
W636025		2.78	0.001	<1	0.38	<10	<50	<5	10	<0.05	<5	<5	8	6	0.63	<50
W636026		2.54	<0.001	<1	0.29	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.73	<50
W636027		2.88	<0.001	<1	0.33	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.79	<50
W636028		2.74	<0.001	<1	0.28	<10	<50	<5	10	<0.05	<5	<5	11	<5	0.73	<50
W636029		3.06	0.001	<1	0.22	<10	<50	<5	<10	<0.05	<5	<5	10	5	0.65	<50
W636030		2.34	<0.001	<1	<0.05	<10	<50	<5	<10	20.2	<5	<5	<5	<5	0.43	<50
W636031		2.90	0.001	<1	0.25	<10	<50	<5	10	0.06	<5	<5	9	<5	0.67	<50
W636032		2.26	<0.001	<1	0.27	<10	<50	<5	<10	<0.05	<5	<5	12	26	0.62	<50
W636033		2.62	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	11	7	0.63	<50
W636034		2.54	<0.001	<1	0.30	10	<50	<5	<10	<0.05	<5	<5	12	6	0.73	<50
W636035		2.68	<0.001	<1	0.26	<10	<50	<5	<10	<0.05	<5	6	14	7	0.70	<50
W636036		2.78	0.002	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	14	6	0.82	<50
W636037		2.56	0.001	<1	0.30	<10	<50	<5	<10	<0.05	<5	5	11	6	0.69	<50
W636038		2.84	<0.001	1	0.34	<10	<50	<5	<10	<0.05	<5	<5	13	6	0.76	<50
W636039		3.32	<0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	12	5	0.70	<50
W636040		3.14	0.005	<1	0.32	<10	<50	<5	10	<0.05	<5	<5	12	6	0.71	<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: 10-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

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
W636005		5	0.18	50	<0.05	100	<5	<0.05	<5	70	10	<0.05	<10	<5	27	<100
W636006		<5	0.20	<50	<0.05	110	<5	<0.05	<5	80	<10	<0.05	<10	<5	28	<100
W636007		6	0.25	<50	<0.05	160	<5	<0.05	<5	90	10	<0.05	<10	<5	80	<100
W636008		<5	0.29	50	<0.05	140	<5	<0.05	<5	70	<10	<0.05	<10	<5	101	<100
W636009		5	0.28	<50	<0.05	100	<5	<0.05	5	50	<10	<0.05	<10	<5	79	<100
W636010		<5	0.25	<50	<0.05	100	<5	<0.05	<5	70	<10	<0.05	<10	<5	65	<100
W636011		<5	0.20	<50	<0.05	150	<5	<0.05	<5	80	10	<0.05	10	<5	25	<100
W636012		<5	0.17	<50	0.10	360	<5	<0.05	<5	170	<10	<0.05	<10	<5	13	<100
W636013		6	0.16	<50	0.06	210	<5	<0.05	<5	120	10	<0.05	<10	<5	<5	<100
W636014		<5	0.17	<50	<0.05	140	<5	<0.05	<5	60	10	<0.05	<10	<5	<5	<100
W636015		<5	0.16	<50	<0.05	150	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
W636016		<5	0.16	<50	<0.05	150	<5	<0.05	<5	60	<10	<0.05	<10	<5	6	<100
W636017		<5	0.14	<50	<0.05	110	<5	0.05	<5	50	<10	<0.05	<10	<5	<5	<100
W636018		6	0.49	<50	0.09	1010	<5	<0.05	6	1430	3380	0.42	30	5	162	<100
W636019		<5	0.19	<50	<0.05	170	<5	0.05	<5	<50	10	<0.05	<10	<5	<5	<100
W636020		5	0.22	<50	0.05	210	<5	<0.05	<5	120	<10	<0.05	10	<5	<5	<100
W636021		<5	0.18	<50	<0.05	190	<5	0.05	<5	50	10	<0.05	<10	<5	<5	<100
W636022		8	0.18	<50	<0.05	130	<5	0.06	<5	<50	<10	<0.05	<10	<5	<5	<100
W636023		<5	0.21	<50	<0.05	120	<5	<0.05	<5	80	10	<0.05	<10	<5	<5	<100
W636024		<5	0.15	<50	<0.05	210	<5	<0.05	6	70	<10	<0.05	<10	<5	<5	<100
W636025		5	0.14	<50	<0.05	120	<5	0.08	9	70	<10	<0.05	<10	<5	<5	<100
W636026		<5	0.17	<50	<0.05	170	<5	0.05	<5	60	10	<0.05	<10	<5	<5	<100
W636027		<5	0.18	<50	<0.05	200	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
W636028		<5	0.20	<50	<0.05	200	<5	<0.05	<5	60	<10	<0.05	<10	<5	<5	<100
W636029		<5	0.13	<50	<0.05	180	<5	<0.05	<5	50	10	<0.05	<10	<5	5	<100
W636030		<5	<0.05	<50	11.45	190	<5	<0.05	<5	200	<10	<0.05	<10	<5	42	<100
W636031		<5	0.18	<50	<0.05	200	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
W636032		<5	0.19	<50	<0.05	150	<5	<0.05	17	60	30	<0.05	<10	<5	<5	<100
W636033		<5	0.19	<50	<0.05	110	<5	<0.05	<5	70	20	<0.05	<10	<5	6	<100
W636034		<5	0.21	<50	<0.05	140	<5	<0.05	7	70	20	<0.05	<10	<5	<5	<100
W636035		<5	0.19	<50	<0.05	190	<5	<0.05	9	70	10	<0.05	<10	<5	5	<100
W636036		<5	0.20	<50	<0.05	230	<5	<0.05	9	50	30	<0.05	<10	<5	<5	<100
W636037		<5	0.21	<50	<0.05	250	<5	<0.05	<5	80	20	<0.05	<10	<5	5	<100
W636038		<5	0.24	<50	<0.05	220	<5	<0.05	<5	100	10	<0.05	<10	<5	<5	<100
W636039		<5	0.24	<50	<0.05	210	<5	<0.05	<5	100	20	<0.05	<10	<5	<5	<100
W636040		<5	0.23	<50	<0.05	170	<5	<0.05	<5	80	10	<0.05	<10	<5	<5	<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: 10-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

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
W636005		<0.05	<50	<50	<5	<50	10
W636006		<0.05	<50	<50	<5	<50	<10
W636007		<0.05	<50	<50	<5	<50	<10
W636008		<0.05	<50	<50	<5	<50	<10
W636009		<0.05	<50	<50	<5	<50	<10
W636010		<0.05	<50	<50	<5	<50	<10
W636011		<0.05	<50	<50	<5	<50	20
W636012		<0.05	<50	<50	14	<50	20
W636013		<0.05	<50	<50	9	<50	10
W636014		<0.05	<50	<50	<5	<50	10
W636015		<0.05	<50	<50	<5	<50	10
W636016		<0.05	<50	<50	<5	<50	10
W636017		<0.05	<50	<50	<5	<50	<10
W636018		<0.05	<50	<50	58	<50	2250
W636019		<0.05	<50	<50	<5	<50	10
W636020		<0.05	<50	<50	<5	<50	10
W636021		<0.05	<50	<50	<5	<50	10
W636022		<0.05	<50	<50	<5	<50	10
W636023		<0.05	<50	<50	<5	<50	10
W636024		<0.05	<50	<50	<5	<50	10
W636025		<0.05	<50	<50	<5	<50	10
W636026		<0.05	<50	<50	<5	<50	10
W636027		<0.05	<50	<50	<5	<50	10
W636028		<0.05	<50	<50	<5	<50	10
W636029		<0.05	<50	<50	<5	<50	30
W636030		<0.05	<50	<50	<5	<50	10
W636031		<0.05	<50	<50	<5	<50	10
W636032		<0.05	<50	<50	<5	<50	10
W636033		<0.05	<50	<50	<5	<50	10
W636034		<0.05	<50	<50	<5	<50	10
W636035		<0.05	<50	<50	<5	<50	10
W636036		<0.05	<50	<50	<5	<50	10
W636037		<0.05	<50	<50	<5	<50	10
W636038		<0.05	<50	<50	<5	<50	10
W636039		<0.05	<50	<50	<5	<50	10
W636040		<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: 10-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

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