



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: 20-OCT-2017
Account: DEVARC

CERTIFICATE WH17189997

Project: Dan Man

P.O. No.: 1006216-Batch 52

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
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: 20-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189997

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
K294237		3.46	0.005	<1	0.44	<10	<50	<5	10	0.44	<5	<5	6	<5	0.57	<50
K294238		3.40	<0.001	<1	0.39	<10	<50	<5	<10	0.41	<5	<5	<5	<5	0.42	<50
K294239		3.02	0.001	<1	0.47	20	<50	<5	<10	0.06	<5	<5	5	<5	1.10	<50
K294240		3.10	0.012	<1	0.40	10	<50	<5	<10	0.06	<5	<5	<5	<5	0.76	<50
K294241		3.24	0.002	<1	0.45	10	<50	<5	<10	0.56	<5	<5	5	<5	0.52	<50
K294242		0.32	1.165	1	0.60	230	110	<5	10	17.25	<5	<5	23	67	2.49	<50
K294243		2.72	0.002	<1	0.56	10	80	<5	<10	0.26	<5	<5	<5	<5	0.81	<50
K294244		2.92	0.008	<1	0.56	<10	60	<5	<10	0.05	<5	<5	7	<5	0.78	<50
K294245		3.20	0.002	<1	0.40	10	<50	<5	<10	0.55	<5	<5	6	<5	0.69	<50
K294246		2.36	0.001	<1	0.84	10	110	<5	<10	1.24	<5	<5	12	<5	2.25	<50
K294247		3.28	0.011	<1	0.40	20	50	<5	<10	0.13	<5	<5	8	<5	0.84	<50
K294248		3.44	<0.001	<1	0.43	<10	<50	<5	<10	0.28	<5	<5	7	<5	0.81	<50
K294249		3.06	<0.001	<1	0.41	<10	<50	<5	<10	0.07	<5	<5	8	5	0.92	<50
K294250		3.26	<0.001	<1	0.36	10	<50	<5	<10	0.07	<5	<5	8	<5	0.81	<50
K294251		2.96	0.006	<1	0.40	10	<50	<5	<10	0.06	<5	<5	8	<5	0.76	<50
K294252		2.28	0.009	<1	0.77	10	50	<5	<10	0.18	<5	<5	<5	5	0.55	<50
K294253		2.74	0.024	<1	0.78	40	60	<5	<10	0.86	<5	<5	<5	<5	1.14	<50
K294254		2.98	0.019	<1	0.34	10	<50	<5	<10	0.99	<5	<5	8	<5	0.84	<50
K294255		3.60	<0.001	<1	0.35	10	<50	<5	<10	0.65	<5	<5	8	<5	0.83	<50
K294256		3.18	0.005	<1	0.29	10	<50	<5	<10	1.11	<5	<5	8	23	0.93	<50
K294257		2.72	<0.001	<1	0.34	50	<50	<5	<10	1.42	<5	<5	8	<5	0.78	<50
K294258		2.94	0.012	<1	0.37	20	<50	<5	<10	0.98	<5	<5	8	<5	0.76	<50
K294259		3.62	0.001	<1	0.42	30	<50	<5	<10	1.46	<5	<5	9	<5	0.77	<50
K294260		2.92	<0.001	<1	3.21	<10	630	<5	10	6.24	<5	30	357	45	6.03	<50
K294261		1.74	0.001	<1	<0.05	<10	<50	<5	10	20.7	<5	<5	<5	<5	0.45	<50
K294262		3.44	<0.001	<1	0.68	90	50	<5	<10	3.37	<5	<5	35	<5	1.91	<50
K294263		3.34	0.007	<1	0.46	150	<50	<5	<10	2.36	<5	<5	15	<5	1.19	<50
K294264		3.14	<0.001	<1	0.42	20	<50	<5	<10	1.12	<5	<5	5	<5	0.57	<50
K294265		3.56	<0.001	<1	0.39	100	<50	<5	<10	2.15	<5	<5	7	<5	0.86	<50
K294266		3.54	0.002	<1	0.65	160	60	<5	<10	3.08	<5	<5	17	<5	1.77	<50
K294267		3.64	<0.001	<1	0.89	120	60	<5	<10	4.05	<5	<5	47	5	2.43	<50
K294268		3.26	<0.001	<1	0.44	90	<50	<5	<10	2.00	<5	<5	7	<5	1.16	<50
K294269		3.32	<0.001	<1	0.95	40	50	<5	<10	2.56	<5	<5	5	<5	3.04	<50
K294270		2.94	<0.001	<1	2.19	20	180	<5	<10	4.36	<5	13	63	14	5.09	<50
K294271		3.26	<0.001	<1	0.39	70	50	<5	10	1.89	<5	<5	9	<5	0.81	<50
K294272		3.48	0.022	<1	0.42	60	50	<5	<10	1.63	<5	<5	6	<5	0.63	<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: 20-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189997

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
K294237		<5	0.33	<50	<0.05	150	<5	<0.05	<5	120	<10	<0.05	<10	<5	15	<100
K294238		<5	0.31	<50	<0.05	100	<5	<0.05	<5	110	<10	<0.05	10	<5	11	<100
K294239		<5	0.20	<50	<0.05	170	<5	<0.05	<5	140	<10	<0.05	10	<5	5	<100
K294240		<5	0.30	<50	<0.05	120	<5	<0.05	<5	110	<10	<0.05	<10	<5	<5	<100
K294241		<5	0.28	<50	<0.05	110	<5	<0.05	<5	100	<10	<0.05	10	<5	18	<100
K294242		7	0.21	<50	3.06	1640	64	<0.05	70	1120	<10	0.87	30	<5	187	<100
K294243		<5	0.52	<50	<0.05	170	<5	<0.05	<5	100	<10	<0.05	10	<5	7	<100
K294244		<5	0.26	<50	<0.05	180	<5	<0.05	<5	110	<10	<0.05	<10	<5	<5	<100
K294245		<5	0.25	<50	<0.05	110	<5	<0.05	<5	110	<10	<0.05	<10	<5	11	<100
K294246		<5	0.44	<50	0.16	410	<5	<0.05	<5	580	<10	<0.05	<10	5	15	<100
K294247		5	0.26	<50	<0.05	110	<5	<0.05	<5	150	<10	<0.05	10	<5	7	<100
K294248		<5	0.23	<50	<0.05	110	<5	<0.05	<5	140	<10	<0.05	10	<5	8	<100
K294249		<5	0.21	<50	<0.05	130	<5	<0.05	<5	110	<10	<0.05	10	<5	<5	<100
K294250		<5	0.18	<50	<0.05	150	<5	0.05	<5	100	<10	<0.05	10	<5	<5	<100
K294251		<5	0.24	<50	<0.05	140	<5	<0.05	<5	140	<10	<0.05	<10	<5	<5	<100
K294252		<5	0.37	<50	<0.05	140	<5	<0.05	<5	120	<10	<0.05	10	<5	5	<100
K294253		<5	0.48	<50	0.05	300	<5	<0.05	<5	120	<10	<0.05	10	<5	21	<100
K294254		<5	0.23	<50	<0.05	180	<5	<0.05	<5	90	<10	<0.05	<10	<5	16	<100
K294255		<5	0.21	<50	<0.05	100	<5	0.05	<5	100	<10	0.12	<10	<5	6	<100
K294256		<5	0.23	<50	<0.05	170	<5	<0.05	<5	90	<10	<0.05	<10	<5	14	<100
K294257		<5	0.17	<50	<0.05	160	<5	0.05	<5	80	<10	0.06	<10	<5	22	<100
K294258		<5	0.26	<50	<0.05	170	<5	<0.05	<5	80	10	<0.05	<10	<5	17	<100
K294259		<5	0.24	<50	0.09	140	<5	0.05	<5	70	<10	<0.05	10	<5	24	<100
K294260		<5	2.32	<50	2.86	1080	<5	<0.05	125	1520	<10	0.12	<10	23	107	<100
K294261		<5	<0.05	<50	11.70	190	<5	<0.05	<5	160	<10	<0.05	10	<5	31	<100
K294262		<5	0.26	<50	0.75	420	<5	<0.05	<5	560	10	0.38	<10	6	70	<100
K294263		<5	0.25	<50	0.18	240	<5	<0.05	<5	150	10	0.34	<10	<5	34	<100
K294264		<5	0.27	<50	<0.05	130	<5	<0.05	<5	90	10	<0.05	<10	<5	24	<100
K294265		<5	0.22	<50	0.18	200	<5	<0.05	<5	100	<10	0.27	<10	<5	40	<100
K294266		<5	0.34	<50	0.47	420	<5	0.05	<5	270	<10	0.36	<10	<5	49	<100
K294267		<5	0.56	<50	0.83	510	<5	0.05	<5	310	<10	0.54	10	7	55	<100
K294268		<5	0.21	<50	0.17	260	<5	<0.05	<5	170	<10	0.11	<10	<5	28	<100
K294269		<5	0.50	<50	0.88	670	<5	<0.05	<5	420	<10	0.09	<10	5	56	<100
K294270		<5	1.49	<50	1.58	890	<5	<0.05	36	1740	<10	0.23	<10	17	75	<100
K294271		<5	0.30	<50	0.09	210	<5	<0.05	<5	180	<10	0.20	20	<5	67	<100
K294272		<5	0.36	<50	0.05	150	<5	0.05	<5	100	<10	0.23	<10	<5	46	<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: 20-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189997

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
K294237		<0.05	<50	<50	<5	<50	<10
K294238		<0.05	<50	<50	<5	<50	<10
K294239		<0.05	<50	<50	<5	<50	<10
K294240		<0.05	<50	<50	<5	<50	<10
K294241		<0.05	<50	<50	<5	<50	<10
K294242		<0.05	<50	<50	173	<50	410
K294243		<0.05	<50	<50	<5	<50	<10
K294244		<0.05	<50	<50	<5	<50	<10
K294245		<0.05	<50	<50	<5	<50	<10
K294246		<0.05	<50	<50	24	<50	30
K294247		<0.05	<50	<50	<5	<50	<10
K294248		<0.05	<50	<50	<5	<50	<10
K294249		<0.05	<50	<50	<5	<50	10
K294250		<0.05	<50	<50	<5	<50	<10
K294251		<0.05	<50	<50	<5	<50	<10
K294252		<0.05	<50	<50	<5	<50	<10
K294253		<0.05	<50	<50	<5	<50	<10
K294254		<0.05	<50	<50	<5	<50	<10
K294255		<0.05	<50	<50	<5	<50	10
K294256		<0.05	<50	<50	<5	<50	<10
K294257		<0.05	<50	<50	<5	<50	<10
K294258		<0.05	<50	<50	<5	<50	<10
K294259		<0.05	<50	<50	<5	<50	10
K294260		0.27	<50	<50	143	<50	80
K294261		<0.05	<50	<50	<5	<50	<10
K294262		<0.05	<50	<50	35	<50	30
K294263		<0.05	<50	<50	11	<50	10
K294264		<0.05	<50	<50	<5	<50	30
K294265		<0.05	<50	<50	5	<50	<10
K294266		<0.05	<50	<50	19	<50	10
K294267		0.06	<50	<50	43	<50	20
K294268		<0.05	<50	<50	6	<50	10
K294269		0.05	<50	<50	49	<50	30
K294270		0.17	<50	90	124	<50	70
K294271		<0.05	<50	<50	<5	<50	<10
K294272		<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: 20-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189997

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