BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Submitted By: Quentin Yarie
Receiving Lab: Canada-Timmins
Received: November 13, 2019
Report Date: November 28, 2019

CERTIFICATE OF ANALYSIS TIM19002557M.1

CLIENT JOB INFORMATION

Project: SPJ
Shipment ID:
P.O. Number
Number of Samples: 1

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PUL85	1	Pulverize to 85% passing 200 mesh			TIM
SPTRF	1	Split samples by riffle splitter			TIM
FS652	1	Metallic Sieve 1 kg to 150 mesh - save + and - fraction			TIM
FS652	1	Metallic Fire Assay - duplicate minus fraction analysis	50	Completed	TIM
EN002	1	Environmental disposal charge-Fire assay lead waste			TIM

ADDITIONAL COMMENTS

Invoice To: MacDonald Mines Exploration Ltd.
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8
Canada

CC:

MAY LAI
Data Validation Specialist

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: November 28, 2019

CERTIFICATE OF ANALYSIS TIM19002557M.1

	Method	M150 1kg	FA450	FA450	FS652	FS652	FS652
	Analyte	TotWt	-Au	-Au + Au Wt		+ Au	Au Total
	Unit	g	gm/t	gm/t	g	gm/t	gm/t
	MDL	1	0.005	0.005	0.01	0.05	0.05
3482656	Drill Core	985	1.294	1.603	41.21	17.69	2.13

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PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: November 28, 2019

QUALITY CONTROL REPORT TIM19002557M.1

	Method	M150 1kg	FA450	FA450	FS652	FS652	FS652
	Analyte	TotWt	-Au	-Au	+ Au Wt	+ Au	Au Total
	Unit	g	gm/t	gm/t	g	gm/t	gm/t
	MDL	1	0.005	0.005	0.01	0.05	0.05
Reference Materials							
STD OXC145	Standard			0.212			
STD OXC145	Standard		0.210				
STD OXH139	Standard			1.254			
STD OXH139	Standard		1.273				
STD OXN134	Standard			7.546			
STD OXN134	Standard		7.368				
STD OXQ90	Standard				30.29	25.22	
STD OXQ90 Expected						24.88	
BLK	Blank				50.00	<0.05	
BLK	Blank			<0.005			
BLK	Blank			<0.005			
BLK	Blank		0.005				
BLK	Blank		<0.005				
Prep Wash							
ROCK-TIM	Prep Blank	470	<0.005	<0.005	28.31	<0.05	<0.05

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Submitted By: Quentin Yarie
Receiving Lab: Canada-Timmins
Received: November 19, 2019
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

CLIENT JOB INFORMATION

Project: SPJ
Shipment ID:
P.O. Number
Number of Samples: 85

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP85-500	80	Crush split and pulverize 250g of sample to 200mesh			TIM
CRUBW	4	Extra clean rock wash between samples in crusher		Completed	TIM
PULSW	4	Extra Wash with Silica between each sample			TIM
SHP01	85	Per sample shipping charges for branch shipments			TIM
SLBHP	5	Sort, label and box pulps			TIM
FA450	81	50g Lead Collection Fire Assay Fusion - AAS Finish	50	Completed	TIM
EN002	85	Environmental disposal charge-Fire assay lead waste			TIM
MA200	85	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
EN001-MA	85	Environmental disposal fee - Multi-acid neutralization			VAN

ADDITIONAL COMMENTS

Invoice To: MacDonald Mines Exploration Ltd.
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	WGHT	FA450	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Hf	In	K	La	Li
	Unit	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	MDL	0.01	0.005	0.1	0.01	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.01	0.1	0.05	0.01	0.1	0.1
3483301	Drill Core	3.88	0.031	<0.1	6.40	9	27	<1	<0.1	0.15	<0.1	33	9.3	79	17.5	7.39	3.1	0.07	0.06	14.5	7.2
3483302	Drill Core	3.72	0.140	<0.1	6.79	16	25	2	0.1	0.22	<0.1	35	13.2	115	35.3	7.70	3.7	0.09	0.06	14.8	8.3
3483303	Drill Core	3.00	0.014	<0.1	6.93	2	17	2	<0.1	0.12	<0.1	20	13.3	116	41.6	12.50	3.3	0.10	0.03	7.9	11.2
3483304	Drill Core	5.06	0.256	<0.1	4.24	9	46	4	0.3	0.11	<0.1	31	101.0	83	286.8	15.94	2.0	0.12	0.10	15.9	6.3
3483305	Drill Core	4.27	0.541	<0.1	6.21	16	37	1	0.2	0.12	<0.1	36	15.0	98	19.9	9.35	3.0	0.10	0.06	17.1	8.1
3483306	Drill Core	3.94	0.115	<0.1	5.43	1	19	1	<0.1	0.17	<0.1	26	20.4	80	133.5	12.91	2.6	0.13	0.04	11.8	9.0
3483307	Drill Core	1.78	0.085	<0.1	3.71	1	64	1	0.1	0.14	<0.1	20	21.9	73	556.5	12.62	1.6	0.12	0.08	10.8	5.9
3483308	Drill Core	4.03	0.911	0.3	3.33	2	36	<1	0.2	0.06	<0.1	25	52.4	54	1108.1	13.07	0.8	0.08	0.08	13.0	4.4
3483309	Drill Core	2.38	2.020	<0.1	5.68	222	13	2	1.9	1.01	<0.1	109	147.9	63	92.5	9.07	2.1	0.10	0.04	55.2	8.1
3483310	Drill Core	5.04	2.539	0.1	5.73	22	27	1	0.2	0.22	<0.1	31	25.9	66	96.8	8.83	1.6	<0.05	0.05	14.1	8.0
3483311	Drill Core	4.28	0.007	<0.1	5.57	24	58	2	<0.1	0.37	<0.1	29	11.7	77	5.2	3.13	3.3	<0.05	0.30	13.1	11.2
3483312	Drill Core	4.29	<0.005	<0.1	5.23	21	84	3	<0.1	0.30	<0.1	32	8.1	84	13.1	2.95	3.5	<0.05	0.52	13.1	18.1
3483313	Drill Core	4.09	2.466	<0.1	6.89	9	36	3	0.2	0.22	<0.1	33	10.3	105	23.3	6.27	3.9	0.08	0.06	13.6	7.6
3483314	Drill Core	4.99	0.029	<0.1	5.45	2	16	1	<0.1	0.11	<0.1	34	7.5	96	24.8	8.31	3.5	0.07	0.04	16.0	8.2
3483315	Drill Core	3.64	1.506	<0.1	7.56	2	14	2	0.2	0.14	<0.1	13	13.1	123	37.3	12.47	4.1	0.10	0.03	4.9	11.7
3483316	Drill Core	1.49	0.078	<0.1	7.23	10	76	2	0.1	0.14	<0.1	36	9.1	100	10.5	6.41	3.9	0.13	0.12	16.1	8.8
3483317	Drill Core	2.66	0.012	<0.1	1.31	7	149	1	<0.1	0.05	<0.1	7	4.8	24	4.6	4.37	0.2	0.20	0.13	3.7	3.0
3483318	Drill Core	3.74	0.119	<0.1	6.45	3	38	1	<0.1	0.12	<0.1	13	9.1	52	14.4	8.75	1.6	0.10	0.07	6.5	10.0
3483319	Drill Core	3.83	0.077	<0.1	5.76	3	50	1	<0.1	0.20	<0.1	27	12.0	57	47.4	5.87	1.4	<0.05	0.07	14.1	7.6
3483320	Drill Core	4.66	4.399	<0.1	5.92	<1	20	<1	0.1	0.10	<0.1	15	20.6	121	233.7	16.69	2.5	0.19	0.08	7.3	9.5
3483321	Drill Core	2.24	0.140	<0.1	6.59	3	26	1	<0.1	0.13	<0.1	12	11.2	91	40.7	10.39	2.8	0.11	0.05	5.0	9.0
3483322	Drill Core	4.54	0.345	<0.1	5.99	2	27	2	0.1	0.09	<0.1	22	27.0	54	193.5	12.05	1.9	0.10	0.07	10.6	6.5
3483323	Drill Core	3.92	0.116	<0.1	8.13	2	14	2	<0.1	0.13	<0.1	29	13.5	115	66.0	15.68	4.1	0.14	0.05	11.3	13.1
3483324	Drill Core	3.72	1.235	<0.1	7.10	2	21	1	<0.1	0.12	<0.1	35	8.7	91	48.4	8.95	4.0	0.06	0.05	15.6	7.7
3483325	Drill Core	3.60	0.222	<0.1	7.21	14	19	2	<0.1	0.15	<0.1	41	11.2	102	21.7	8.85	4.1	0.07	0.05	17.9	8.7
3483326	Drill Core	5.01	0.165	<0.1	6.40	19	31	2	0.2	0.12	<0.1	41	17.2	89	259.2	9.13	3.2	0.09	0.05	19.8	6.3
3483327	Drill Core	4.60		<0.1	6.61	<1	18	1	<0.1	0.12	<0.1	61	24.2	78	134.5	16.62	3.4	0.21	0.05	31.8	13.1
3483328	Drill Core	4.59		<0.1	7.07	4	17	2	0.3	0.15	<0.1	50	15.6	112	99.2	10.87	3.8	0.11	0.05	21.2	10.5
3483329	Drill Core	7.11	0.024	<0.1	6.35	1	19	3	<0.1	0.20	<0.1	54	13.5	97	19.3	13.59	3.3	0.16	0.05	26.4	12.5
3483330	Drill Core	4.74	0.056	<0.1	6.31	3	17	2	<0.1	0.12	<0.1	24	12.1	103	21.4	10.83	3.4	0.14	0.03	9.7	10.2

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PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Unit	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	0.1	0.001	0.1	0.1	0.001	0.1	0.1	0.005	0.1	0.1	1	1	0.1	1	0.1	0.5	0.1	0.001
3483301	Drill Core	1.85	229	0.3	3.566	6.6	26.8	0.058	2.3	0.9	<0.005	0.1	0.3	11	<1	1.4	20	0.6	<0.5	8.9	0.232
3483302	Drill Core	2.06	255	0.3	3.857	8.1	53.3	0.056	1.4	0.8	<0.005	0.2	0.1	14	1	0.7	21	0.6	<0.5	9.3	0.294
3483303	Drill Core	3.00	366	<0.1	2.249	6.9	46.5	0.054	1.1	0.4	<0.005	0.2	0.1	14	<1	0.4	11	0.6	<0.5	6.6	0.281
3483304	Drill Core	2.44	314	0.4	0.287	4.0	58.4	0.048	7.8	6.9	<0.005	5.9	0.8	26	6	0.4	5	0.4	<0.5	5.5	0.134
3483305	Drill Core	2.23	268	0.2	2.807	7.1	33.1	0.056	2.0	0.9	<0.005	0.1	0.3	14	<1	0.4	13	0.6	<0.5	7.9	0.257
3483306	Drill Core	2.60	356	0.2	1.312	5.8	34.9	0.080	6.5	0.5	0.007	2.0	0.2	23	2	0.3	8	0.5	<0.5	5.0	0.193
3483307	Drill Core	2.31	308	0.3	0.082	3.2	36.2	0.063	12.4	5.6	<0.005	2.7	0.4	31	5	1.6	6	0.3	<0.5	3.6	0.113
3483308	Drill Core	1.92	249	0.4	0.085	1.2	63.8	0.013	8.7	3.9	<0.005	4.7	0.3	27	4	0.7	7	0.1	<0.5	2.9	0.052
3483309	Drill Core	2.14	270	0.2	1.921	4.5	441.4	0.478	1.5	0.8	<0.005	0.5	0.3	9	1	0.3	21	0.3	2.2	10.7	0.151
3483310	Drill Core	2.13	262	0.1	2.406	3.3	78.2	0.094	1.7	0.6	<0.005	0.9	0.2	13	1	0.3	21	0.3	<0.5	4.8	0.127
3483311	Drill Core	1.83	203	0.2	4.936	4.6	52.8	0.052	1.0	5.6	<0.005	<0.1	0.2	10	<1	0.7	29	0.4	<0.5	5.4	0.184
3483312	Drill Core	1.75	219	0.2	4.668	3.3	50.2	0.055	1.0	11.3	<0.005	<0.1	0.1	10	<1	1.2	33	0.3	<0.5	5.4	0.148
3483313	Drill Core	1.74	280	0.2	4.293	8.3	37.8	0.051	1.7	0.7	<0.005	0.1	0.2	12	<1	0.4	38	0.7	<0.5	8.8	0.303
3483314	Drill Core	2.26	357	0.2	1.714	7.0	14.3	0.042	2.1	0.9	<0.005	0.1	0.2	17	<1	0.3	13	0.6	<0.5	9.7	0.262
3483315	Drill Core	3.58	506	0.2	2.244	8.5	45.9	0.056	3.5	0.2	<0.005	0.2	0.4	20	<1	0.5	15	0.7	<0.5	6.9	0.330
3483316	Drill Core	1.81	349	0.2	4.105	7.4	20.8	0.050	2.2	2.7	<0.005	<0.1	0.4	12	<1	0.4	27	0.7	<0.5	10.3	0.298
3483317	Drill Core	1.10	356	0.2	0.175	0.6	9.2	0.004	3.6	12.6	<0.005	<0.1	0.3	12	<1	1.1	5	<0.1	<0.5	0.7	0.017
3483318	Drill Core	2.52	298	0.5	2.672	2.6	13.2	0.032	1.3	0.8	<0.005	<0.1	0.2	18	<1	0.3	27	0.2	<0.5	2.7	0.104
3483319	Drill Core	1.60	207	0.6	3.417	2.4	35.6	0.031	2.4	1.3	<0.005	1.4	0.2	10	2	0.2	43	0.2	<0.5	4.1	0.112
3483320	Drill Core	3.74	494	1.0	0.104	7.0	37.0	0.039	8.3	5.5	<0.005	2.2	0.3	36	3	0.4	4	0.6	<0.5	7.0	0.251
3483321	Drill Core	2.51	341	0.5	2.303	6.0	15.5	0.043	0.9	0.8	<0.005	0.2	<0.1	17	<1	0.2	23	0.6	<0.5	6.4	0.220
3483322	Drill Core	2.08	301	0.3	2.047	3.3	45.6	0.033	3.1	2.5	<0.005	3.6	0.4	23	5	0.4	17	0.3	<0.5	4.7	0.121
3483323	Drill Core	3.68	466	0.1	1.750	9.2	24.3	0.054	1.6	0.5	<0.005	0.4	0.3	28	<1	0.4	12	0.8	<0.5	9.4	0.327
3483324	Drill Core	1.95	290	0.2	3.428	9.5	10.1	0.047	1.9	0.7	<0.005	0.3	0.2	10	<1	0.3	18	0.8	<0.5	11.7	0.308
3483325	Drill Core	2.08	275	0.3	3.609	9.0	32.0	0.063	2.3	0.6	<0.005	0.1	0.4	15	<1	0.3	19	0.8	<0.5	10.8	0.319
3483326	Drill Core	1.86	268	0.4	2.933	7.3	39.2	0.049	3.1	1.5	<0.005	1.6	0.4	13	3	0.3	15	0.6	<0.5	10.0	0.247
3483327	Drill Core	3.93	516	0.3	0.181	6.7	24.1	0.053	3.0	3.6	<0.005	1.4	0.3	35	2	0.4	4	0.6	<0.5	11.2	0.242
3483328	Drill Core	2.49	364	0.6	2.749	7.8	31.2	0.065	2.9	0.5	<0.005	0.5	0.4	13	<1	0.4	15	0.7	0.6	10.0	0.292
3483329	Drill Core	3.61	520	0.3	0.593	5.9	22.1	0.085	1.3	3.1	<0.005	<0.1	0.2	27	<1	0.4	7	0.6	<0.5	8.8	0.241
3483330	Drill Core	2.97	403	0.7	1.779	6.9	26.6	0.045	2.0	0.3	<0.005	<0.1	0.2	22	<1	0.4	13	0.6	<0.5	7.6	0.260

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	1	0.1	0.1	1	0.1
3483301	Drill Core	<0.5	3.9	66	8.3	8.8	10	105.8
3483302	Drill Core	<0.5	4.2	98	9.2	11.3	10	118.6
3483303	Drill Core	<0.5	4.7	106	14.0	7.5	18	116.8
3483304	Drill Core	<0.5	3.4	63	7.6	23.6	15	71.6
3483305	Drill Core	<0.5	8.0	73	13.5	7.3	13	109.9
3483306	Drill Core	0.6	4.3	60	7.8	7.0	17	87.5
3483307	Drill Core	<0.5	1.7	60	6.6	9.1	14	55.2
3483308	Drill Core	<0.5	1.1	107	4.5	6.7	14	30.9
3483309	Drill Core	<0.5	3.2	64	5.9	19.2	15	76.1
3483310	Drill Core	<0.5	2.0	60	5.6	7.4	15	56.9
3483311	Drill Core	<0.5	1.2	80	1.9	9.7	8	119.3
3483312	Drill Core	<0.5	1.1	77	2.6	10.8	7	127.1
3483313	Drill Core	<0.5	3.8	72	6.6	11.5	14	131.2
3483314	Drill Core	<0.5	4.4	58	13.8	9.6	17	112.0
3483315	Drill Core	<0.5	4.2	93	11.5	6.5	30	130.3
3483316	Drill Core	<0.5	5.6	61	8.4	12.9	13	129.0
3483317	Drill Core	<0.5	0.5	23	0.9	5.4	9	7.7
3483318	Drill Core	<0.5	1.1	51	5.4	3.8	13	52.2
3483319	Drill Core	<0.5	0.9	36	3.0	6.9	7	47.8
3483320	Drill Core	<0.5	2.8	88	20.4	8.2	19	86.5
3483321	Drill Core	<0.5	2.1	56	6.1	5.9	14	88.3
3483322	Drill Core	<0.5	2.6	42	5.6	8.4	12	60.8
3483323	Drill Core	<0.5	6.3	85	11.0	9.9	22	131.5
3483324	Drill Core	<0.5	7.4	57	15.8	8.2	12	132.3
3483325	Drill Core	<0.5	7.3	84	13.5	10.1	12	128.5
3483326	Drill Core	<0.5	6.2	65	10.8	11.0	11	114.7
3483327	Drill Core	<0.5	5.7	78	7.1	12.0	26	107.9
3483328	Drill Core	<0.5	10.1	85	16.3	11.1	16	132.2
3483329	Drill Core	<0.5	5.4	89	6.5	19.6	27	106.8
3483330	Drill Core	<0.5	4.4	77	8.3	9.5	24	118.0

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	WGHT	FA450	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Hf	In	K	La	Li
	Unit	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	MDL	0.01	0.005	0.1	0.01	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.01	0.1	0.05	0.01	0.1	0.1
3483331	Drill Core	3.76	0.036	<0.1	7.21	13	32	3	0.1	0.22	<0.1	35	10.8	110	6.9	5.57	4.3	0.09	0.07	13.4	7.0
3483332	Drill Core	3.62	0.019	<0.1	5.58	10	36	2	0.1	0.12	<0.1	26	10.7	54	7.6	5.17	2.3	<0.05	0.07	11.8	5.8
3483333	Drill Core	4.28	<0.005	<0.1	5.81	24	56	2	<0.1	0.21	<0.1	20	14.3	54	11.9	1.89	3.2	<0.05	0.21	8.2	6.0
3483334	Drill Core	2.65	0.041	<0.1	5.25	8	64	<1	0.2	13.52	<0.1	40	14.5	63	12.2	2.33	2.5	<0.05	0.37	21.6	5.6
3483335	Drill Core	3.97	0.051	1.1	4.08	26	59	1	0.1	13.67	<0.1	47	14.1	48	33.6	2.90	2.2	<0.05	0.66	25.4	9.6
3483336	Drill Core	1.99	0.015	<0.1	2.91	9	24	<1	<0.1	12.97	<0.1	16	5.9	36	7.3	4.43	1.6	0.07	0.19	6.8	3.6
3483337	Drill Core	3.72	<0.005	<0.1	6.63	14	54	<1	<0.1	0.92	<0.1	13	7.9	58	6.2	1.31	2.5	<0.05	0.10	5.9	2.8
3483338	Drill Core	4.81	0.007	0.1	6.25	55	52	1	0.7	1.86	<0.1	33	64.1	62	64.2	4.77	1.9	<0.05	0.15	16.1	7.1
3483339	Drill Core	4.87	0.016	0.1	5.74	45	30	2	1.7	0.41	<0.1	32	150.4	84	621.4	9.89	2.7	<0.05	0.07	13.1	7.2
3483340	Drill Core	4.09	0.048	0.4	5.08	856	24	1	3.4	1.32	<0.1	37	226.6	59	684.0	7.89	2.3	<0.05	0.29	13.5	8.4
3483341	Drill Core	3.72	<0.005	<0.1	7.35	48	137	2	0.2	1.27	<0.1	42	28.0	90	49.8	2.68	3.8	<0.05	0.57	17.3	11.6
3483342	Drill Core	3.81	<0.005	<0.1	6.59	11	156	3	<0.1	1.02	<0.1	31	6.1	106	9.6	2.27	4.0	<0.05	0.64	13.1	12.1
3483343	Drill Core	3.81	<0.005	<0.1	7.42	13	192	2	<0.1	1.19	<0.1	49	5.8	93	4.6	2.02	4.2	<0.05	1.00	19.7	14.4
3483344	Drill Core	3.68	<0.005	<0.1	7.30	12	172	2	<0.1	1.19	<0.1	39	12.9	90	4.6	1.96	4.0	<0.05	0.74	14.8	10.7
3483345	Drill Core	4.49	<0.005	<0.1	6.96	25	78	2	0.2	1.71	<0.1	61	38.1	67	9.3	1.79	3.9	<0.05	0.23	26.2	5.4
3483346	Drill Core	4.72	<0.005	<0.1	7.19	62	86	3	0.3	1.70	<0.1	63	33.5	77	30.0	2.09	3.6	<0.05	0.28	26.4	5.7
3483347	Drill Core	5.39	<0.005	<0.1	6.92	10	110	2	<0.1	1.71	<0.1	44	5.4	61	24.5	1.78	2.8	<0.05	0.37	18.5	5.8
3483348	Drill Core	4.65	<0.005	<0.1	5.91	29	78	2	0.3	1.26	<0.1	29	19.5	55	48.9	1.94	2.7	0.06	0.23	11.6	5.7
3483349	Drill Core	3.63	0.037	<0.1	5.91	53	41	2	0.2	0.64	<0.1	35	29.8	98	119.3	4.47	3.7	<0.05	0.14	13.8	10.0
3483350	Rock	0.21	<0.005	<0.1	9.97	1	17	<1	<0.1	0.18	<0.1	1	<0.2	2	2.9	0.23	0.2	<0.05	4.16	0.5	25.4
3483351	Rock Pulp	0.07	1.497	0.2	7.54	752	366	2	<0.1	5.79	<0.1	39	41.3	215	90.9	8.86	3.5	0.05	0.69	22.8	10.1
3483352	Rock	0.21	<0.005	<0.1	10.04	<1	19	<1	<0.1	0.18	<0.1	2	<0.2	2	0.8	0.24	0.2	<0.05	4.09	0.6	27.0
3483353	Rock Pulp	0.07	0.523	0.2	7.43	4	151	<1	<0.1	7.07	<0.1	10	46.2	186	166.1	8.26	1.5	0.07	0.20	4.4	11.5
3483354	Drill Core	4.55	0.099	<0.1	5.91	18	48	1	<0.1	0.48	<0.1	23	11.0	73	25.1	3.99	3.1	<0.05	0.14	10.3	7.7
3483355	Drill Core	4.11	<0.005	<0.1	4.58	21	79	1	<0.1	0.27	<0.1	14	6.1	34	35.6	1.35	1.2	<0.05	0.19	5.8	5.6
3483356	Drill Core	4.88	0.106	<0.1	6.87	42	37	2	0.5	0.30	<0.1	47	31.7	72	40.6	6.62	2.9	<0.05	0.10	21.7	7.5
3483357	Drill Core	4.99	>10	1.7	6.28	6680	20	3	5.0	0.08	<0.1	16	296.9	119	528.2	18.57	2.1	0.21	0.02	7.3	12.1
3483358	Drill Core	3.28		5.2	3.00	5848	49	1	10.0	0.07	<0.1	17	1003.8	51	431.5	10.91	1.3	0.17	0.09	7.6	5.3
3483359	Rock	0.21	0.033	<0.1	9.47	40	16	<1	<0.1	0.16	<0.1	<1	0.5	2	2.7	0.24	0.2	<0.05	4.18	0.3	27.0
3483360	Rock Pulp	0.07	>10	2.0	5.53	64	249	<1	0.6	3.96	0.4	12	34.6	491	121.3	4.63	1.3	<0.05	0.73	6.8	29.8

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www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Unit	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	0.1	0.001	0.1	0.1	0.001	0.1	0.1	0.005	0.1	0.1	1	1	0.1	1	0.1	0.5	0.1	0.001
3483331	Drill Core	1.66	236	0.4	4.790	7.9	26.1	0.053	1.6	0.3	<0.005	<0.1	0.2	12	<1	0.4	34	0.7	<0.5	9.0	0.307
3483332	Drill Core	1.48	209	0.6	2.883	3.2	13.7	0.034	2.2	1.2	<0.005	<0.1	0.3	9	<1	0.3	19	0.3	<0.5	5.6	0.110
3483333	Drill Core	1.11	138	0.4	5.610	2.7	47.6	0.041	1.1	1.1	<0.005	<0.1	0.2	6	<1	1.3	35	0.2	<0.5	4.6	0.108
3483334	Drill Core	2.29	692	0.2	3.765	5.8	49.8	0.033	3.1	19.2	<0.005	<0.1	0.2	11	1	2.3	88	0.5	2.3	8.9	0.237
3483335	Drill Core	3.98	1247	0.1	2.733	4.2	32.8	0.027	3.4	23.1	<0.005	0.1	0.2	9	1	5.0	61	0.4	1.7	6.4	0.169
3483336	Drill Core	5.61	1712	<0.1	2.135	2.0	14.8	0.023	1.0	5.7	<0.005	<0.1	0.1	7	<1	0.5	73	0.2	6.4	5.4	0.076
3483337	Drill Core	0.77	412	0.4	6.134	1.3	10.1	0.049	1.2	0.3	<0.005	<0.1	0.2	8	<1	0.6	44	0.1	<0.5	3.6	0.068
3483338	Drill Core	1.66	409	0.6	3.756	2.7	158.8	0.134	12.6	4.8	<0.005	1.3	0.2	14	5	0.6	39	0.3	0.6	6.3	0.117
3483339	Drill Core	1.88	228	0.3	3.060	4.2	603.6	0.049	9.0	3.5	<0.005	4.4	0.2	13	15	1.5	22	0.4	0.8	8.8	0.212
3483340	Drill Core	1.96	135	0.2	3.409	1.1	914.7	0.065	15.8	20.5	<0.005	6.0	2.4	11	18	2.5	34	<0.1	1.0	7.9	0.064
3483341	Drill Core	2.05	205	0.2	5.710	1.8	181.4	0.071	22.6	26.5	<0.005	0.5	0.3	16	2	2.5	53	0.2	<0.5	11.1	0.127
3483342	Drill Core	2.15	193	0.1	6.129	1.8	73.8	0.061	2.4	12.3	<0.005	<0.1	0.2	15	<1	1.2	44	0.2	<0.5	8.5	0.144
3483343	Drill Core	2.34	176	0.1	5.566	1.8	73.3	0.059	1.7	46.1	<0.005	<0.1	0.3	16	<1	1.2	57	0.2	<0.5	10.6	0.157
3483344	Drill Core	2.19	168	0.2	5.649	1.8	64.0	0.057	1.9	34.6	<0.005	<0.1	0.3	14	<1	1.2	51	0.2	<0.5	10.8	0.144
3483345	Drill Core	1.60	227	0.3	5.355	1.7	49.6	0.071	10.1	13.7	<0.005	0.3	0.3	11	<1	0.9	57	0.2	<0.5	10.2	0.091
3483346	Drill Core	1.63	213	0.3	5.276	3.3	106.3	0.111	4.6	17.4	<0.005	0.5	0.4	11	2	2.2	62	0.3	<0.5	11.1	0.148
3483347	Drill Core	1.59	197	0.3	5.318	2.2	50.5	0.058	1.5	22.4	<0.005	0.2	0.2	10	<1	1.5	60	0.2	<0.5	7.6	0.111
3483348	Drill Core	1.37	210	0.2	5.421	1.7	101.9	0.067	2.2	4.2	<0.005	0.4	0.3	8	1	1.1	52	0.2	<0.5	4.8	0.077
3483349	Drill Core	1.86	255	0.2	5.339	5.5	114.2	0.130	1.7	0.8	<0.005	0.5	0.2	11	<1	1.8	29	0.5	<0.5	6.3	0.223
3483350	Rock	0.03	41	0.2	8.289	0.2	0.6	<0.001	5.0	53.7	<0.005	<0.1	0.1	<1	<1	<0.1	29	<0.1	<0.5	0.1	<0.001
3483351	Rock Pulp	4.11	1960	2.9	2.210	20.2	149.1	0.181	5.3	22.5	<0.005	0.8	2.5	19	1	1.9	377	1.1	0.7	3.5	0.956
3483352	Rock	0.03	48	0.2	8.314	0.2	0.6	<0.001	5.3	57.2	<0.005	<0.1	0.1	<1	<1	<0.1	31	<0.1	<0.5	0.1	<0.001
3483353	Rock Pulp	4.44	1446	0.7	2.372	3.6	99.5	0.045	3.1	3.7	<0.005	0.1	0.5	44	<1	0.7	114	0.2	0.9	0.4	0.692
3483354	Drill Core	1.45	225	0.2	5.190	5.6	42.5	0.041	1.7	0.8	<0.005	<0.1	0.2	8	<1	3.3	33	0.5	<0.5	4.5	0.211
3483355	Drill Core	0.73	131	0.2	4.843	1.6	24.5	0.034	1.8	1.2	<0.005	<0.1	0.2	4	<1	3.1	41	0.1	<0.5	1.7	0.074
3483356	Drill Core	1.88	278	0.9	4.241	5.8	82.6	0.118	2.5	1.0	<0.005	0.3	0.3	12	<1	1.0	37	0.5	<0.5	7.5	0.202
3483357	Drill Core	4.55	590	0.6	0.056	4.1	28.6	0.035	4.3	2.3	<0.005	3.1	14.7	44	5	0.5	2	0.4	5.5	6.3	0.170
3483358	Drill Core	2.17	399	0.6	0.209	2.6	45.6	0.025	3.2	9.1	<0.005	3.4	3.4	21	4	1.7	5	0.3	9.1	3.9	0.095
3483359	Rock	0.03	43	0.1	8.314	0.2	0.6	<0.001	5.0	58.2	<0.005	<0.1	0.1	<1	<1	<0.1	25	<0.1	<0.5	<0.1	0.002
3483360	Rock Pulp	4.42	760	5.9	1.240	2.1	228.9	0.029	38.9	29.9	<0.005	0.8	0.8	20	<1	0.5	86	0.1	1.7	1.7	0.256

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Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	1	0.1	0.1	1	0.1
3483331	Drill Core	<0.5	3.5	74	12.5	14.1	11	141.3
3483332	Drill Core	<0.5	3.2	40	4.7	11.7	10	72.1
3483333	Drill Core	<0.5	1.3	50	1.1	6.5	5	105.7
3483334	Drill Core	<0.5	2.1	72	0.7	14.6	2	88.3
3483335	Drill Core	<0.5	2.0	60	1.0	14.8	3	73.9
3483336	Drill Core	<0.5	1.4	42	1.2	7.9	2	54.8
3483337	Drill Core	<0.5	1.0	36	1.3	4.2	5	87.2
3483338	Drill Core	<0.5	1.9	40	2.2	10.2	9	64.5
3483339	Drill Core	<0.5	3.0	82	0.7	12.1	7	89.6
3483340	Drill Core	<0.5	2.3	85	0.4	13.6	8	80.9
3483341	Drill Core	<0.5	2.3	102	0.4	14.7	15	123.7
3483342	Drill Core	<0.5	2.2	117	0.3	10.3	10	135.4
3483343	Drill Core	<0.5	2.3	117	0.2	10.2	5	144.8
3483344	Drill Core	<0.5	2.0	107	0.3	9.9	4	133.6
3483345	Drill Core	<0.5	3.8	63	0.3	13.2	28	127.1
3483346	Drill Core	<0.5	4.0	72	1.0	16.6	3	120.8
3483347	Drill Core	<0.5	2.6	67	0.4	11.2	4	88.4
3483348	Drill Core	<0.5	1.7	57	0.5	8.3	3	94.3
3483349	Drill Core	<0.5	2.5	94	3.4	8.0	9	127.3
3483350	Rock	0.6	0.1	<1	<0.1	1.6	4	12.7
3483351	Rock Pulp	<0.5	1.0	166	1.4	21.7	112	126.2
3483352	Rock	0.7	0.1	<1	<0.1	1.6	3	12.7
3483353	Rock Pulp	<0.5	0.1	322	1.1	20.1	85	53.6
3483354	Drill Core	<0.5	1.2	67	2.7	6.0	9	104.8
3483355	Drill Core	<0.5	0.5	30	0.9	4.4	3	44.4
3483356	Drill Core	<0.5	3.3	62	5.6	13.1	13	108.3
3483357	Drill Core	<0.5	3.5	214	5.7	14.0	34	72.2
3483358	Drill Core	<0.5	2.1	59	4.4	7.5	16	44.5
3483359	Rock	0.7	<0.1	<1	<0.1	1.1	4	9.3
3483360	Rock Pulp	<0.5	0.5	137	12.7	10.1	80	48.0

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	WGHT	FA450	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Hf	In	K	La	Li
	Unit	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	MDL	0.01	0.005	0.1	0.01	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.01	0.1	0.05	0.01	0.1	0.1
3483361	Drill Core	4.01	0.056	<0.1	6.52	33	73	2	0.1	1.12	<0.1	29	25.4	93	18.8	1.97	3.8	<0.05	0.32	10.2	7.6
3483362	Drill Core	2.62	0.007	<0.1	5.36	60	70	2	0.1	0.32	<0.1	24	26.9	51	31.2	1.28	3.0	<0.05	0.34	10.6	7.1
3483363	Drill Core	3.52	0.010	<0.1	5.68	19	45	<1	<0.1	4.51	<0.1	19	15.2	61	8.3	3.91	1.8	<0.05	0.13	8.6	5.0
3483364	Drill Core	3.25	0.009	<0.1	6.86	3	37	<1	<0.1	0.15	<0.1	9	9.7	70	26.4	10.29	1.9	0.08	0.06	3.9	9.3
3483365	Drill Core	3.85	0.012	<0.1	6.42	4	36	<1	<0.1	0.36	<0.1	24	17.8	87	74.1	9.31	2.3	0.12	0.09	12.3	7.1
3483366	Drill Core	1.65	0.040	<0.1	5.48	33	22	1	0.9	0.22	<0.1	26	67.8	93	295.2	11.13	2.1	0.09	0.06	12.5	7.2
3483367	Drill Core	3.02	0.007	<0.1	6.57	101	170	2	0.3	1.44	<0.1	29	29.0	103	72.7	2.68	3.5	<0.05	0.67	8.9	10.2
3483368	Drill Core	4.21	1.406	0.2	6.97	9	40	2	0.2	0.13	<0.1	21	10.5	110	50.2	9.98	3.3	0.13	0.06	7.9	8.7
3483369	Drill Core	2.44	0.917	<0.1	3.43	3	128	2	<0.1	0.08	<0.1	18	8.4	48	9.7	8.97	0.7	0.27	0.17	6.8	6.3
3483370	Drill Core	3.84	2.144	<0.1	4.73	3	57	2	0.2	0.63	<0.1	80	10.1	67	46.6	11.03	2.2	0.22	0.14	38.5	6.4
3483371	Drill Core	3.37	0.710	<0.1	6.19	7	41	2	0.2	0.17	<0.1	49	12.2	103	57.4	5.81	2.8	0.11	0.07	23.5	8.3
3483372	Drill Core	4.06	0.031	<0.1	6.42	3	24	2	<0.1	0.21	<0.1	25	10.5	79	7.3	7.72	2.1	0.09	0.06	13.1	13.5
3483373	Drill Core	3.20	0.007	<0.1	6.00	3	21	1	<0.1	0.35	<0.1	26	7.9	62	5.1	6.46	1.8	0.10	0.06	13.9	12.6
3483374	Drill Core	2.26	<0.005	<0.1	5.20	3	13	2	<0.1	0.25	<0.1	111	10.6	54	10.1	8.39	0.8	0.10	0.02	61.0	16.4
3483375	Rock	0.21	<0.005	<0.1	9.28	3	17	<1	0.2	0.17	<0.1	<1	<0.2	2	4.5	0.24	0.2	<0.05	4.21	0.4	23.5
3483376	Drill Core	3.77	<0.005	<0.1	5.08	4	12	1	<0.1	0.47	<0.1	10	8.0	51	6.5	6.17	1.4	0.08	0.11	5.6	13.0
3483377	Drill Core	3.99	<0.005	<0.1	5.21	6	33	1	<0.1	0.16	<0.1	76	6.5	43	8.1	2.63	2.4	<0.05	0.25	37.0	7.9
3483378	Drill Core	2.56	<0.005	<0.1	5.49	3	34	1	<0.1	1.10	<0.1	19	3.6	33	5.3	1.84	1.9	<0.05	0.25	9.1	5.1
3483379	Drill Core	1.94	<0.005	<0.1	4.64	1	23	1	<0.1	0.19	<0.1	28	3.7	38	5.5	2.67	1.4	<0.05	0.24	13.1	7.6
3483380	Rock Pulp	0.07	5.404	0.9	6.48	23	238	<1	0.3	5.57	0.2	13	43.5	283	148.9	7.38	1.6	<0.05	0.48	5.8	19.4
3483381	Drill Core	6.21	<0.005	<0.1	5.26	<1	32	<1	<0.1	0.78	<0.1	31	2.0	38	2.5	1.27	2.2	<0.05	0.16	15.4	3.7
3483382	Drill Core	3.51		<0.1	6.37	2	23	<1	0.2	0.09	<0.1	9	24.2	88	220.8	14.08	1.6	0.11	0.06	4.3	9.5
3483383	Rock	0.21	<0.005	<0.1	9.20	<1	14	<1	<0.1	0.17	<0.1	1	<0.2	2	0.4	0.22	0.2	<0.05	3.93	0.7	22.0
3483384	Rock Pulp	0.07	5.400	0.9	6.47	24	218	<1	0.3	5.64	0.1	13	44.9	285	153.1	7.36	1.5	<0.05	0.45	5.7	20.0
3483385	Rock	0.21	<0.005	<0.1	8.21	1	11	<1	<0.1	0.14	<0.1	<1	<0.2	2	2.4	0.29	0.2	<0.05	3.81	0.2	22.8

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Unit	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	0.1	0.001	0.1	0.1	0.001	0.1	0.1	0.005	0.1	0.1	1	1	0.1	1	0.1	0.5	0.1	0.001
3483361	Drill Core	1.48	261	1.2	5.999	2.9	36.3	0.060	1.8	4.2	<0.005	0.1	0.2	11	<1	2.9	51	0.3	<0.5	6.3	0.135
3483362	Drill Core	1.08	119	0.5	5.956	2.0	68.3	0.057	1.5	3.5	<0.005	0.2	0.2	8	<1	3.1	40	0.2	<0.5	4.4	0.084
3483363	Drill Core	2.89	713	0.3	3.669	2.2	11.3	0.044	2.4	4.8	<0.005	<0.1	0.2	12	<1	0.3	51	0.2	0.6	5.3	0.085
3483364	Drill Core	2.83	297	0.8	2.434	4.6	9.4	0.056	10.3	1.1	<0.005	0.2	0.3	19	<1	0.4	17	0.4	<0.5	4.2	0.177
3483365	Drill Core	2.32	301	0.8	3.088	5.1	21.9	0.040	1.2	3.0	<0.005	0.4	0.2	16	<1	0.4	24	0.6	<0.5	5.4	0.186
3483366	Drill Core	2.27	243	0.5	2.173	4.4	225.9	0.040	9.8	2.2	<0.005	2.4	0.2	22	7	0.5	15	0.4	<0.5	6.2	0.188
3483367	Drill Core	1.95	207	0.2	5.764	2.1	229.2	0.064	2.9	23.7	<0.005	0.6	0.4	16	1	1.7	41	0.2	<0.5	7.0	0.156
3483368	Drill Core	2.72	423	0.3	3.273	7.3	32.7	0.050	2.9	0.5	<0.005	0.3	0.4	18	<1	0.5	21	0.7	<0.5	7.0	0.280
3483369	Drill Core	2.92	918	0.3	0.235	1.7	10.7	0.020	1.9	14.7	<0.005	<0.1	0.1	24	<1	2.6	6	0.1	<0.5	2.0	0.057
3483370	Drill Core	4.15	680	2.0	0.184	3.6	16.6	0.300	3.2	11.7	<0.005	0.1	0.5	26	<1	0.5	12	0.4	0.8	9.8	0.140
3483371	Drill Core	2.61	568	0.7	3.527	4.3	29.3	0.044	2.0	0.5	<0.005	0.1	0.2	19	<1	0.6	28	0.5	<0.5	6.4	0.206
3483372	Drill Core	4.42	515	0.4	1.630	3.0	26.2	0.036	0.9	1.2	<0.005	<0.1	0.2	25	<1	0.3	20	0.3	0.6	5.2	0.127
3483373	Drill Core	3.80	441	0.5	1.810	2.2	19.1	0.043	1.0	1.1	<0.005	<0.1	0.2	19	<1	0.2	20	0.2	<0.5	4.3	0.109
3483374	Drill Core	5.59	750	0.3	0.050	1.1	33.5	0.023	0.9	0.9	<0.005	<0.1	0.2	34	<1	0.7	3	0.1	1.5	3.5	0.061
3483375	Rock	0.03	42	0.1	8.308	0.1	0.4	<0.001	4.7	56.1	<0.005	<0.1	<0.1	<1	<1	<0.1	26	<0.1	<0.5	0.1	<0.001
3483376	Drill Core	4.33	514	0.1	0.957	1.7	24.6	0.033	0.9	1.2	<0.005	<0.1	0.2	25	<1	0.3	8	0.2	0.8	4.1	0.086
3483377	Drill Core	1.96	398	0.5	3.434	0.8	19.7	0.037	1.2	1.8	<0.005	<0.1	0.2	13	<1	0.3	32	<0.1	<0.5	7.0	0.031
3483378	Drill Core	1.65	376	0.3	3.716	0.5	10.9	0.035	1.0	1.8	<0.005	<0.1	0.1	10	<1	0.3	35	<0.1	<0.5	5.2	0.022
3483379	Drill Core	2.30	405	0.3	2.599	0.5	13.6	0.029	0.9	0.7	<0.005	<0.1	0.1	15	<1	0.3	18	<0.1	0.5	2.8	0.023
3483380	Rock Pulp	4.17	1227	3.0	1.989	3.4	124.1	0.045	17.4	15.2	<0.005	0.4	0.5	36	<1	0.7	109	0.2	0.9	1.0	0.582
3483381	Drill Core	1.06	181	0.2	4.429	1.0	11.2	0.042	1.1	0.5	<0.005	<0.1	0.2	6	<1	0.3	41	<0.1	<0.5	3.3	0.043
3483382	Drill Core	3.21	403	0.7	1.315	3.9	26.4	0.034	6.6	1.2	<0.005	1.7	0.4	20	2	0.9	10	0.4	<0.5	3.0	0.144
3483383	Rock	0.02	40	0.2	7.686	0.4	0.5	<0.001	4.7	52.7	<0.005	<0.1	0.1	<1	<1	0.1	24	<0.1	<0.5	0.2	<0.001
3483384	Rock Pulp	4.06	1285	3.5	1.955	3.4	127.9	0.041	18.4	15.7	<0.005	0.4	0.5	35	<1	0.7	105	0.2	1.0	1.1	0.600
3483385	Rock	0.03	43	0.2	7.462	0.2	0.7	<0.001	4.2	49.4	<0.005	<0.1	0.1	<1	<1	<0.1	18	<0.1	<0.5	<0.1	0.001

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Project: SPJ
Report Date: December 04, 2019

CERTIFICATE OF ANALYSIS TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	1	0.1	0.1	1	0.1
3483361	Drill Core	<0.5	2.9	75	1.5	10.3	6	134.9
3483362	Drill Core	<0.5	1.0	58	0.8	6.2	4	103.7
3483363	Drill Core	<0.5	1.4	42	2.5	11.1	13	63.8
3483364	Drill Core	<0.5	1.8	43	5.1	2.7	15	69.5
3483365	Drill Core	<0.5	2.1	77	9.2	4.7	13	83.8
3483366	Drill Core	<0.5	2.1	67	3.2	8.4	11	75.7
3483367	Drill Core	<0.5	1.7	105	0.9	11.3	5	118.3
3483368	Drill Core	<0.5	4.4	73	13.9	7.7	23	118.6
3483369	Drill Core	<0.5	1.2	39	2.0	8.1	20	26.3
3483370	Drill Core	<0.5	3.1	62	6.4	19.8	29	78.5
3483371	Drill Core	<0.5	2.9	65	5.0	10.1	19	99.8
3483372	Drill Core	<0.5	1.7	86	4.6	8.5	29	75.7
3483373	Drill Core	<0.5	1.4	52	3.9	7.3	24	63.5
3483374	Drill Core	<0.5	0.9	76	2.6	8.8	35	27.1
3483375	Rock	0.7	0.1	<1	<0.1	1.3	3	13.6
3483376	Drill Core	<0.5	1.3	73	2.9	6.7	25	51.9
3483377	Drill Core	<0.5	2.0	34	1.0	11.2	10	83.8
3483378	Drill Core	<0.5	1.5	29	0.6	8.1	7	65.9
3483379	Drill Core	<0.5	0.7	48	0.7	5.4	12	52.8
3483380	Rock Pulp	<0.5	0.3	272	5.6	20.6	91	49.6
3483381	Drill Core	<0.5	0.7	31	1.1	4.0	6	74.2
3483382	Drill Core	<0.5	1.7	52	7.6	3.3	15	57.0
3483383	Rock	0.7	<0.1	<1	<0.1	1.5	3	11.6
3483384	Rock Pulp	<0.5	0.3	281	5.2	21.1	90	51.8
3483385	Rock	0.6	<0.1	<1	<0.1	0.8	3	10.2

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Project: SPJ
Report Date: December 04, 2019

QUALITY CONTROL REPORT TIM19002579.1

	Method	WGHT	FA450	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Hf	In	K	La	Li
	Unit	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	MDL	0.01	0.005	0.1	0.01	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.01	0.1	0.05	0.01	0.1	0.1
Pulp Duplicates																					
3483331	Drill Core	3.76	0.036	<0.1	7.21	13	32	3	0.1	0.22	<0.1	35	10.8	110	6.9	5.57	4.3	0.09	0.07	13.4	7.0
REP 3483331	QC			<0.1	7.62	12	32	3	0.1	0.23	<0.1	38	11.6	119	6.4	5.79	4.4	0.06	0.07	14.4	7.5
3483339	Drill Core	4.87	0.016	0.1	5.74	45	30	2	1.7	0.41	<0.1	32	150.4	84	621.4	9.89	2.7	<0.05	0.07	13.1	7.2
REP 3483339	QC		0.014																		
3483366	Drill Core	1.65	0.040	<0.1	5.48	33	22	1	0.9	0.22	<0.1	26	67.8	93	295.2	11.13	2.1	0.09	0.06	12.5	7.2
REP 3483366	QC			<0.1	5.65	31	23	<1	1.0	0.22	<0.1	26	70.1	95	312.2	11.34	2.3	0.07	0.06	12.0	7.6
Core Reject Duplicates																					
3483321	Drill Core	2.24	0.140	<0.1	6.59	3	26	1	<0.1	0.13	<0.1	12	11.2	91	40.7	10.39	2.8	0.11	0.05	5.0	9.0
DUP 3483321	QC		0.143	<0.1	6.85	4	26	<1	<0.1	0.13	<0.1	10	11.4	92	40.4	10.46	3.0	0.07	0.05	4.4	9.2
3483355	Drill Core	4.11	<0.005	<0.1	4.58	21	79	1	<0.1	0.27	<0.1	14	6.1	34	35.6	1.35	1.2	<0.05	0.19	5.8	5.6
DUP 3483355	QC		<0.005	<0.1	4.73	21	79	1	<0.1	0.27	<0.1	13	5.6	34	34.4	1.40	1.3	<0.05	0.19	5.4	6.1
Reference Materials																					
STD OREAS25A-4A	Standard			<0.1	8.89	10	144	1	0.3	0.27	<0.1	42	8.0	116	33.5	6.57	4.2	0.06	0.49	18.6	41.8
STD OREAS25A-4A	Standard			<0.1	9.14	10	155	<1	0.4	0.29	<0.1	47	8.2	123	36.6	6.87	4.4	0.10	0.47	21.4	36.9
STD OREAS25A-4A	Standard			<0.1	9.46	9	156	1	0.4	0.29	<0.1	48	8.3	120	38.7	6.57	4.3	0.07	0.49	24.5	39.0
STD OREAS25A-4A	Standard			<0.1	9.14	10	157	<1	0.4	0.28	<0.1	48	8.4	127	37.1	6.70	4.4	0.08	0.48	22.3	37.9
STD OREAS45E	Standard			0.3	7.03	17	238	<1	0.3	0.06	<0.1	22	59.2	1025	777.3	23.73	2.7	0.10	0.34	10.3	7.2
STD OREAS45E	Standard			0.3	6.99	18	270	<1	0.3	0.06	<0.1	25	62.2	978	802.8	24.34	3.0	0.10	0.33	12.4	7.3
STD OREAS45H	Standard			0.1	8.62	15	372	2	0.2	0.15	<0.1	27	98.9	659	827.4	20.02	3.7	0.13	0.21	14.6	14.6
STD OREAS45H	Standard			0.2	8.84	16	355	1	0.2	0.15	<0.1	26	93.6	630	819.3	20.46	3.6	0.09	0.21	14.4	14.1
STD OXC145	Standard		0.204																		
STD OXC145	Standard		0.206																		
STD OXC145	Standard		0.200																		
STD OXH139	Standard		1.278																		
STD OXH139	Standard		1.261																		
STD OXH139	Standard		1.240																		
STD OXN134	Standard		7.419																		
STD OXN134	Standard		7.503																		

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacDonald Mines Exploration Ltd.**
145 Wellington St. West, Suite 1001
Toronto Ontario M5J 1H8 Canada

Project: SPJ
Report Date: December 04, 2019

QUALITY CONTROL REPORT TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Unit	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	0.1	0.001	0.1	0.1	0.001	0.1	0.1	0.005	0.1	0.1	1	1	0.1	1	0.1	0.5	0.1	0.001
Pulp Duplicates																					
3483331	Drill Core	1.66	236	0.4	4.790	7.9	26.1	0.053	1.6	0.3	<0.005	<0.1	0.2	12	<1	0.4	34	0.7	<0.5	9.0	0.307
REP 3483331	QC	1.71	255	0.4	4.929	8.4	27.6	0.057	1.6	0.4	<0.005	<0.1	0.2	12	<1	0.4	37	0.8	<0.5	10.1	0.311
3483339	Drill Core	1.88	228	0.3	3.060	4.2	603.6	0.049	9.0	3.5	<0.005	4.4	0.2	13	15	1.5	22	0.4	0.8	8.8	0.212
REP 3483339	QC																				
3483366	Drill Core	2.27	243	0.5	2.173	4.4	225.9	0.040	9.8	2.2	<0.005	2.4	0.2	22	7	0.5	15	0.4	<0.5	6.2	0.188
REP 3483366	QC	2.28	259	0.5	2.220	4.3	228.8	0.039	10.2	2.1	<0.005	2.4	0.2	21	6	0.5	15	0.4	<0.5	6.3	0.191
Core Reject Duplicates																					
3483321	Drill Core	2.51	341	0.5	2.303	6.0	15.5	0.043	0.9	0.8	<0.005	0.2	<0.1	17	<1	0.2	23	0.6	<0.5	6.4	0.220
DUP 3483321	QC	2.58	339	0.5	2.391	5.9	16.3	0.047	0.9	0.6	<0.005	0.2	0.1	17	<1	0.2	23	0.6	<0.5	5.7	0.220
3483355	Drill Core	0.73	131	0.2	4.843	1.6	24.5	0.034	1.8	1.2	<0.005	<0.1	0.2	4	<1	3.1	41	0.1	<0.5	1.7	0.074
DUP 3483355	QC	0.76	145	0.2	4.872	1.5	24.9	0.035	1.4	1.2	<0.005	<0.1	0.2	4	<1	1.8	45	0.1	<0.5	1.8	0.070
Reference Materials																					
STD OREAS25A-4A	Standard	0.36	504	2.3	0.148	19.1	46.5	0.048	24.8	52.4	<0.005	<0.1	0.6	12	2	4.0	43	1.3	<0.5	14.5	0.909
STD OREAS25A-4A	Standard	0.33	484	2.5	0.135	19.9	45.2	0.051	23.3	60.5	<0.005	<0.1	0.6	12	2	4.4	45	1.5	<0.5	14.1	0.920
STD OREAS25A-4A	Standard	0.34	503	2.5	0.135	20.2	47.5	0.052	25.8	62.8	<0.005	<0.1	0.6	13	3	4.2	48	1.4	<0.5	16.4	0.959
STD OREAS25A-4A	Standard	0.35	519	2.2	0.130	20.0	47.0	0.053	27.6	59.6	<0.005	<0.1	0.7	13	4	4.2	46	1.5	<0.5	16.9	0.926
STD OREAS45E	Standard	0.17	568	2.4	0.062	5.8	466.9	0.034	17.1	19.6	<0.005	<0.1	0.9	93	3	1.2	15	0.5	<0.5	11.9	0.520
STD OREAS45E	Standard	0.17	547	2.3	0.055	6.0	486.1	0.033	19.5	23.1	<0.005	<0.1	1.0	93	2	1.4	17	0.5	<0.5	13.1	0.526
STD OREAS45H	Standard	0.26	416	2.0	0.092	14.7	475.6	0.024	13.7	25.0	<0.005	<0.1	0.7	60	2	2.2	29	1.0	<0.5	8.4	0.929
STD OREAS45H	Standard	0.26	414	1.7	0.087	14.6	426.1	0.026	12.5	24.0	<0.005	<0.1	0.7	61	2	2.0	28	1.1	<0.5	8.2	0.938
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXH139	Standard																				
STD OXH139	Standard																				
STD OXN134	Standard																				
STD OXN134	Standard																				

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QUALITY CONTROL REPORT TIM19002579.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	1	0.1	0.1	1	0.1
Pulp Duplicates								
3483331	Drill Core	<0.5	3.5	74	12.5	14.1	11	141.3
REP 3483331	QC	<0.5	3.9	76	13.4	15.5	12	145.7
3483339	Drill Core	<0.5	3.0	82	0.7	12.1	7	89.6
REP 3483339	QC							
3483366	Drill Core	<0.5	2.1	67	3.2	8.4	11	75.7
REP 3483366	QC	<0.5	2.1	67	3.1	8.4	10	78.6
Core Reject Duplicates								
3483321	Drill Core	<0.5	2.1	56	6.1	5.9	14	88.3
DUP 3483321	QC	<0.5	2.0	57	6.2	5.3	15	92.4
3483355	Drill Core	<0.5	0.5	30	0.9	4.4	3	44.4
DUP 3483355	QC	<0.5	0.5	31	0.8	4.6	3	48.0
Reference Materials								
STD OREAS25A-4A	Standard	<0.5	2.6	158	1.6	9.0	40	147.8
STD OREAS25A-4A	Standard	<0.5	2.8	161	1.9	9.6	48	145.1
STD OREAS25A-4A	Standard	<0.5	2.9	161	1.9	11.1	52	151.6
STD OREAS25A-4A	Standard	<0.5	3.2	159	2.0	9.4	47	147.8
STD OREAS45E	Standard	<0.5	2.1	325	0.9	6.9	44	85.3
STD OREAS45E	Standard	<0.5	2.5	333	1.0	7.9	47	92.8
STD OREAS45H	Standard	<0.5	1.8	295	1.0	10.7	45	127.0
STD OREAS45H	Standard	<0.5	1.9	296	0.9	10.8	42	128.4
STD OXC145	Standard							
STD OXC145	Standard							
STD OXC145	Standard							
STD OXH139	Standard							
STD OXH139	Standard							
STD OXH139	Standard							
STD OXN134	Standard							
STD OXN134	Standard							

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		WGHT	FA450	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Hf	In	K	La	Li
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.005	0.1	0.01	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.01	0.1	0.05	0.01	0.1	0.1
STD OXN134	Standard		7.630																		
STD OREAS45E Expected				0.311	6.78	16.3	252		0.28	0.065	0.06	23.5	57	979	780	24.12	3.11	0.099	0.324	11	6.58
STD OREAS25A-4A Expected					8.87	9.94	147	0.93	0.37	0.301		47.3	7.7	115	33.9	6.6	4.14	0.09	0.482	21.8	36.7
STD OREAS45H Expected				0.147	7.99	16.9	332	1.09	0.17	0.135		23.6	88	602	767	19.52	3.6	0.1	0.205	12.4	13.1
STD OXC145 Expected			0.212																		
STD OXN134 Expected			7.667																		
STD OXH139 Expected			1.312																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.01	<1	<1	<1	<0.1	<0.01	<0.1	<1	<0.2	2	<0.1	<0.01	<0.1	<0.05	<0.01	<0.1	0.1
BLK	Blank			<0.1	<0.01	<1	<1	<1	<0.1	<0.01	<0.1	<1	<0.2	<1	<0.1	<0.01	<0.1	<0.05	<0.01	<0.1	<0.1
BLK	Blank			<0.1	<0.01	<1	<1	<1	<0.1	<0.01	<0.1	<1	<0.2	<1	<0.1	<0.01	<0.1	<0.05	<0.01	<0.1	<0.1
BLK	Blank			<0.1	<0.01	<1	<1	<1	<0.1	<0.01	<0.1	<1	<0.2	<1	0.2	<0.01	<0.1	<0.05	<0.01	<0.1	<0.1
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-TIM	Prep Blank		<0.005	<0.1	6.78	2	883	<1	<0.1	1.54	<0.1	22	3.8	3	4.4	2.08	1.6	<0.05	1.66	11.4	2.4
ROCK-TIM	Prep Blank		<0.005	<0.1	6.65	3	916	<1	<0.1	1.41	<0.1	23	3.9	3	3.8	2.07	1.9	<0.05	1.70	12.1	2.0

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		MA200 Mg % 0.01	MA200 Mn ppm 1	MA200 Mo ppm 0.1	MA200 Na % 0.001	MA200 Nb ppm 0.1	MA200 Ni ppm 0.1	MA200 P % 0.001	MA200 Pb ppm 0.1	MA200 Rb ppm 0.1	MA200 Re ppm 0.005	MA200 S % 0.1	MA200 Sb ppm 0.1	MA200 Sc ppm 1	MA200 Se ppm 1	MA200 Sn ppm 0.1	MA200 Sr ppm 1	MA200 Ta ppm 0.1	MA200 Te ppm 0.5	MA200 Th ppm 0.1	MA200 Ti % 0.001
STD OXN134	Standard																				
STD OREAS45E Expected		0.156	570	2.4	0.059	6.8	454	0.034	18.2	21.2		0.046	1	93	2.97	1.32	15.9	0.54	0.1	12.9	0.559
STD OREAS25A-4A Expected		0.327	480	2.41	0.131	20.9	45.8	0.048	25.2	61		0.047	0.65	13.7	2.4	4.06	48.5	1.4		15.8	0.93
STD OREAS45H Expected		0.238	380	1.55	0.09	14.8	423	0.023	11.9	22.5			0.63	57	2.02	1.93	27.1	1.08		7.26	0.878
STD OXC145 Expected																					
STD OXN134 Expected																					
STD OXH139 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<1	<0.1	<0.001	<0.1	0.1	<0.001	<0.1	0.1	<0.005	<0.1	<0.1	<1	<1	<0.1	<1	<0.1	<0.5	<0.1	<0.001
BLK	Blank	<0.01	<1	<0.1	0.002	<0.1	0.2	<0.001	<0.1	<0.1	<0.005	<0.1	<0.1	<1	<1	<0.1	<1	<0.1	<0.5	<0.1	<0.001
BLK	Blank	<0.01	<1	<0.1	0.002	<0.1	0.2	<0.001	<0.1	<0.1	<0.005	<0.1	<0.1	<1	<1	<0.1	<1	<0.1	<0.5	<0.1	<0.001
BLK	Blank	<0.01	2	<0.1	0.001	<0.1	0.2	<0.001	<0.1	<0.1	<0.005	<0.1	<0.1	<1	<1	<0.1	<1	<0.1	<0.5	<0.1	<0.001
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-TIM	Prep Blank	0.51	628	1.2	3.276	5.3	1.1	0.040	2.5	30.6	<0.005	<0.1	<0.1	7	<1	0.8	194	0.4	<0.5	2.6	0.189
ROCK-TIM	Prep Blank	0.52	679	1.1	3.351	5.7	1.0	0.044	2.7	30.7	<0.005	<0.1	0.1	6	<1	0.7	193	0.4	<0.5	2.8	0.200

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		MA200 Tl ppm 0.5	MA200 U ppm 0.1	MA200 V ppm 1	MA200 W ppm 0.1	MA200 Y ppm 0.1	MA200 Zn ppm 1	MA200 Zr ppm 0.1
STD OXN134	Standard							
STD OREAS45E Expected		0.15	2.41	322	1.07	8.28	46.7	97
STD OREAS25A-4A Expected		0.35	2.94	157	2	10.5	44.4	155
STD OREAS45H Expected			1.68	263	0.99	10.4	39.7	131
STD OXC145 Expected								
STD OXN134 Expected								
STD OXH139 Expected								
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.5	<0.1	<1	<0.1	<0.1	<1	0.1
BLK	Blank	<0.5	<0.1	<1	<0.1	<0.1	1	<0.1
BLK	Blank	<0.5	<0.1	<1	<0.1	<0.1	<1	<0.1
BLK	Blank	<0.5	<0.1	<1	<0.1	<0.1	<1	<0.1
BLK	Blank							
BLK	Blank							
Prep Wash								
ROCK-TIM	Prep Blank	<0.5	1.2	36	0.2	14.6	33	50.2
ROCK-TIM	Prep Blank	<0.5	1.2	34	0.4	15.4	34	53.0

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