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**Report on
Analysis of Prospecting Samples
Cairo Twp. Ontario
April 06, 2023**

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Prospecting Report	

Summary

Samples collected from a grass roots prospecting program carried out in Cairo Township, Ontario during a four day period at the end of May beginning of June, 2022. Samples were then sent to Swastika Laboratories for sample preparation and Au assay. Sample pulps after return were then packaged and sent to Bureau Veritas Laboratory in Vancouver B.C. for analysis by a variety of methods for various elements as described below.

Work Program

Samples collected in a grass roots prospecting program were sent to Swastika Laboratories in Swastika, Ontario where they were crushed and a portion pulverized to 90% minus 200 mesh. A 30 gram sample was then taken and assayed for Au by fire assay methods. Pulps were shipped by bus to Skead Holdings Ltd. In Sault Ste. Marie, Ontario with rejects to be picked up later. Sample pulps were initially stored and later retrieved to be sent for analysis of additional elements. Sample pulps were later retrieved, placed in numbered coin envelopes indicating type of analysis and number, which was recorded.

Quantity of sample placed in envelopes was 20 to 30 grams or 50 to 60 grams dependant on the type of analysis and minimum sample requirements. A description of marking for types of analysis is given under Analysis.

All 47 samples were assayed for Au by fire assay methods at Swastika Labs and analysed for 45 elements and fluorine, plus 5 samples for Au at Bureau Veritas Labs in Vancouver B.C. Samples were sent at various times for analysis by various methods as described under Analysis

Samples are listed showing sample method, location by UTM co ordinates as well as number of samples for individual claims.

Analysis

Sample pulps which had been stored after receipt from swastika Labs were placed in coin envelopes as indicated under Work Program and sent to Bureau Veritas Commodities Canada Laboratory in Vancouver B.C.

For analysed samples the letters preceding the number indicates the method of analysis. IMA is for ICP-MS/ES analysis of a 0.25 gram split of sample for 45 elements after a 4-acid dissolution. F designates analysis for a 0.20 gram split of sample for fluorine by specific ion electrode method. A is for an ICP-MS analysis of a 15 gram sample split for Au after aqua regia digestion.

Fire assay for Au involves melting a 30gram sample split along with other chemicals in an electric furnace to obtain a lead bead. The bead is then analysed by atomic adsorption or ICP-MS

Results

Analytical and assay results of samples are given in Appendix II. Assays for Au are at or below detection limits in most cases. Fluorine values appear to be elevated, however there is little or no other data in the area for comparative purposes. Some further work on fluorine and possibly barium may be indicated.

April 06, 2023

Robert MacGregor P.Eng



For Skead Holdings Ltd

Costs

Sample Prep		47 samples @ 14.00	658.00
Assay, Analysis	Au	47 samples @ 14.50	681.50
	IMA	47 samples @ 29.85	1402.95
	F	47 samples @ 29.86	1403.82
	A	5 samples @ 24.10	120.50
Shipping		Bus, Postage	78.42
		Nov. 01/22 to March 22/23 11 hrs @ 50/hr	575.00
Report		April 06/23	300.00
		Total	5221

Sample Location by Claim Number

Claim No.	Number of Samples	Assessment Credit
558372	2	222
558373	1	111
558374	4	445
558375	3	334
558376	2	222
558377	3	333
558378	3	333
558379	1	111
599053	2	222
599054	2	222
600277	3	333
600278	4	445
600279	6	667
600280	3	333
600285	1	111
600288	2	222
600290	3	333
612863	2	222
Total	47	5221

Appendix I

Sampling

MTW – 05 Grabs

Sample No.	IMA	Au	F	A	Location	UTM
1016	6145	sn	489		530815	5316683
1017	6146	sn	487		530753	5316675
1018	6147	sn	488		530755	5316683
1019	6148	sn	486		530711	5316682
1020	6149	sn	442		530589	5316668
1021	6150	sn	441		530521	5316713
1022	6151	sn	445	1202	530323	5316666
1023	6152	sn	443		530205	5316657
1024	6153	sn	444		530100	5316671
1025	6154	sn	500		529993	5316673
1026	6155	sn	501		529917	5316656
1027	6156	sn	502		529788	5316689
1028	6157	sn	503		529775	5316704
1029	6158	sn	504		529573	5316674
1030	6159	sn	505		529708	5315163
1031	6160	sn	506		529780	5315148
1032	6161	sn	507		529883	5315141
1033	6162	sn	437		529971	5315816
1034	6163	sn	438		530210	5315776
1035	6164	sn	439		530445	5315897
1036	6165	sn	440		529675	5313938
1037	6166	sn	436		529746	5313932
1038	6167	sn	508		529871	5313953
1039	6168	sn	509		529959	5313942

MTW – 05 Grabs

Sample No.	IMA	Au	F	A	Location	UTM
1040	6169	sn	510		530080	5313909
1041	6170	sn	511	1206	530463	5313938
1042	6171	sn	512		530468	5313955
1043	6172	sn	513		530545	5314000
1044	6173	sn	514	1205	530998	5314008
1045	6174	sn	515		530863	5314369
1046	6175	sn	516		530970	5314426
1047	6176	sn	517		530804	5314396
1048	6177	sn	518		530752	5314411
1049	6178	sn	519		530632	5314407
1050	6179	sn	520		530517	5314373
1051	6180	sn	521		530399	5314403
1052	6181	sn	522		529913	5314408
1053	6182	sn	499		529785	5314377
1054	6183	sn	498		529676	5314385
1055	6184	sn	497		530947	5316348
1056	6185	sn	496		531145	5316396
1057	6186	sn	495	1204	531190	5316408
1058	6187	sn	490		531245	5316408
1059	6188	sn	491		531335	5316424
1060	6189	sn	492		531136	5315863
1061	6190	sn	493	1203	530808	5315798
1062	6191	sn	494		530588	5315830

Appendix II

Certificate of Analysis



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

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

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: February 21, 2023
Analysis Start: February 22, 2023
Report Date: February 28, 2023
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN23000315.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 55

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	55	Sorting, labeling and boxing samples received as pulps			VAN
AQ115-IGN	55	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:

JEFFREY CANNON
www.bureauveritas.com

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.



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: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 28, 2023

Page: 3 of 3

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN23000315.1

	Method	AQ115
	Analyte	Au
	Unit	ppb
	MDL	0.5
A1182	Rock Pulp	1.3
A1183	Rock Pulp	1.8
A1184	Rock Pulp	<0.5
A1185	Rock Pulp	2.7
A1186	Rock Pulp	0.8
A1187	Rock Pulp	0.6
A1188	Rock Pulp	1.4
A1189	Rock Pulp	<0.5
A1190	Rock Pulp	<0.5
A1191	Rock Pulp	0.6
A1192	Rock Pulp	<0.5
A1193	Rock Pulp	<0.5
A1194	Rock Pulp	<0.5
A1195	Rock Pulp	6.7
A1196	Rock Pulp	1.7
A1197	Rock Pulp	4.0
A1198	Rock Pulp	10.7
A1199	Rock Pulp	9.7
A1200	Rock Pulp	1.3
A1201	Rock Pulp	2.3
A1202	Rock Pulp	2.2
A1203	Rock Pulp	12.2
A1204	Rock Pulp	1.0
A1205	Rock Pulp	15.2
A1206	Rock Pulp	<0.5



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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 28, 2023

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

VAN23000315.1

Method	AQ115
Analyte	Au
Unit	ppb
MDL	0.5
Pulp Duplicates	
A1162	Rock Pulp 0.6
REP A1162	QC 0.8
A1193	Rock Pulp <0.5
REP A1193	QC <0.5
Reference Materials	
STD OREAS806	Standard 312.5
STD OREAS806	Standard 304.2
STD OREAS905	Standard 374.7
STD OREAS905	Standard 366.0
STD OREAS905 Expected	395
STD OREAS806 Expected	315
BLK	Blank <0.5
BLK	Blank <0.5



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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: November 08, 2022
Analysis Start: November 09, 2022
Report Date: November 23, 2022
Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN22003322.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 101

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	101	Sorting, labeling and boxing samples received as pulps			VAN
MA200	101	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:



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.



Bureau Veritas Commodities Canada Ltd.

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

Project: None Given
Report Date: November 23, 2022

Page: 3 of 5

Part: 1 of 3

CERTIFICATE OF ANALYSIS

VAN22003322.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1	
IMA6145	Rock Pulp	0.5	1.1	6.6	61	<0.1	37.8	17.0	446	3.29	1	3.7	21.9	122	<0.1	0.2	<0.1	63	0.42	0.090	63.3
IMA6146	Rock Pulp	1.0	222.6	23.2	22	0.2	16.3	5.6	344	2.06	3	3.6	19.6	141	<0.1	0.2	0.4	52	1.17	0.062	48.4
IMA6147	Rock Pulp	0.5	163.6	7.1	160	<0.1	52.1	53.8	1435	10.34	2	0.7	2.0	57	<0.1	0.2	0.6	341	1.09	0.058	11.5
IMA6148	Rock Pulp	0.5	6.5	12.2	39	<0.1	27.1	6.2	316	2.62	2	3.6	17.0	84	<0.1	0.1	0.1	62	0.39	0.081	49.2
IMA6149	Rock Pulp	0.9	416.4	49.2	40	<0.1	16.9	4.6	354	2.16	<1	2.5	15.0	288	<0.1	0.2	0.2	53	0.93	0.071	53.6
IMA6150	Rock Pulp	0.9	25.6	21.3	49	<0.1	21.4	5.8	480	2.31	<1	2.3	16.2	380	<0.1	0.2	0.3	57	0.92	0.079	54.3
IMA6151	Rock Pulp	0.4	37.4	2.7	59	<0.1	146.3	32.6	839	4.72	<1	0.1	0.6	221	<0.1	<0.1	<0.1	119	6.35	0.018	4.3
IMA6152	Rock Pulp	1.1	21.6	37.2	73	<0.1	22.6	7.7	479	2.19	<1	3.1	16.2	441	<0.1	0.2	0.3	51	1.12	0.071	53.5
IMA6153	Rock Pulp	0.8	18.8	31.2	98	<0.1	21.5	7.7	550	2.14	1	3.2	23.2	485	<0.1	0.2	0.3	55	1.15	0.080	49.7
IMA6154	Rock Pulp	0.9	21.3	30.6	80	0.4	22.2	7.4	503	2.26	<1	2.6	18.9	490	<0.1	0.2	0.4	56	1.26	0.077	56.5
IMA6155	Rock Pulp	0.7	13.2	51.0	86	<0.1	21.4	7.4	475	2.23	<1	3.5	18.7	434	<0.1	0.2	0.5	53	0.89	0.062	40.7
IMA6156	Rock Pulp	0.5	2.6	20.0	39	<0.1	14.3	4.0	220	1.22	<1	0.6	2.4	1215	<0.1	<0.1	<0.1	23	1.28	0.030	9.3
IMA6157	Rock Pulp	0.6	18.6	43.1	53	<0.1	22.2	6.9	445	2.30	<1	5.5	17.7	731	<0.1	0.2	0.5	58	1.33	0.074	45.6
IMA6158	Rock Pulp	0.7	42.1	40.6	92	<0.1	25.6	8.8	504	2.60	<1	2.5	15.6	448	<0.1	0.2	0.6	61	0.87	0.090	45.1
IMA6159	Rock Pulp	0.4	148.3	3.9	116	<0.1	44.2	44.0	1718	10.02	<1	0.4	1.7	354	0.1	0.1	<0.1	332	5.58	0.061	10.6
IMA6160	Rock Pulp	0.5	150.6	3.9	115	<0.1	43.4	43.1	1749	10.24	<1	0.4	1.8	359	0.1	0.1	<0.1	342	5.30	0.063	11.5
IMA6161	Rock Pulp	0.5	132.7	5.9	106	<0.1	74.5	44.9	1537	9.24	1	0.5	2.0	402	0.1	0.1	<0.1	305	5.84	0.054	10.8
IMA6162	Rock Pulp	1.7	12.3	27.0	61	<0.1	29.0	8.9	504	2.59	<1	2.9	19.9	779	<0.1	0.3	0.4	66	1.11	0.085	59.2
IMA6163	Rock Pulp	0.7	18.4	26.9	107	<0.1	31.4	10.7	646	2.60	<1	3.5	17.0	267	<0.1	0.2	0.5	61	0.80	0.087	42.9
IMA6164	Rock Pulp	0.7	19.9	8.7	36	<0.1	18.8	3.0	302	2.65	<1	3.3	15.7	130	<0.1	0.2	0.2	54	0.73	0.080	45.0
IMA6165	Rock Pulp	0.7	2.6	24.4	59	<0.1	22.9	6.9	427	2.01	<1	5.4	23.2	393	<0.1	0.3	0.4	44	1.17	0.067	45.9
IMA6166	Rock Pulp	1.9	8.3	20.1	69	<0.1	25.4	6.7	267	1.90	<1	3.8	24.5	188	<0.1	0.3	0.2	47	0.38	0.059	41.1
IMA6167	Rock Pulp	0.5	149.1	5.8	123	<0.1	48.8	48.1	1853	10.91	<1	0.5	1.9	227	0.1	<0.1	<0.1	363	5.96	0.066	11.7
IMA6168	Rock Pulp	1.5	208.6	25.3	66	<0.1	22.8	6.3	506	2.03	<1	5.1	18.7	352	<0.1	0.3	1.5	45	0.69	0.065	48.5
IMA6169	Rock Pulp	13.4	27.3	53.6	23	<0.1	9.2	3.4	116	1.66	2	14.0	51.3	616	<0.1	0.6	0.6	33	0.24	0.017	29.1
IMA6170	Rock Pulp	1.1	9.0	8.1	17	<0.1	10.3	1.7	74	1.21	<1	3.9	21.1	134	<0.1	0.4	0.1	21	0.09	0.019	22.9
IMA6171	Rock Pulp	1.1	6.7	43.0	30	<0.1	12.4	2.4	104	1.72	<1	9.2	52.5	146	<0.1	0.5	0.2	32	0.12	0.037	33.7
IMA6172	Rock Pulp	0.6	186.9	5.0	109	<0.1	50.9	44.9	1710	9.81	<1	0.5	1.9	268	0.1	0.2	<0.1	321	5.79	0.054	10.4
IMA6173	Rock Pulp	324.9	9.0	16.0	52	0.2	31.4	8.7	401	3.52	1	3.9	5.1	76	<0.1	0.1	2.8	81	0.23	0.089	4.8
IMA6174	Rock Pulp	1.3	15.7	61.8	37	0.1	13.8	3.8	287	1.70	<1	9.7	42.0	155	<0.1	0.2	1.0	33	0.65	0.039	44.7



BUREAU VERITAS
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www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: November 23, 2022

Page: 3 of 5

Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN22003322.1

Method	Analyte	Unit	MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200			
				Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf
				ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm		
				1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	
IMA6145	Rock Pulp			81	2.38	817	0.241	7.84	3.821	4.27	1.1	242.5	138	1.4	13.4	12.4	0.6	3	5	30.3	<0.1	133.4	6.5
IMA6146	Rock Pulp			114	0.52	772	0.201	6.73	3.166	4.58	0.6	215.1	96	1.1	11.8	9.7	0.5	3	3	5.9	<0.1	136.1	5.7
IMA6147	Rock Pulp			124	5.48	423	0.842	7.27	1.186	2.18	4.6	115.2	25	1.0	28.0	5.9	0.4	5	41	51.7	<0.1	110.6	3.1
IMA6148	Rock Pulp			110	0.83	776	0.237	7.25	2.203	4.97	0.5	235.6	101	1.4	13.0	11.3	0.6	1	3	8.3	<0.1	149.6	6.1
IMA6149	Rock Pulp			86	0.49	1622	0.219	6.85	2.858	5.29	1.3	192.6	107	1.2	13.6	10.0	0.6	4	4	7.1	<0.1	176.7	5.2
IMA6150	Rock Pulp			95	0.63	1899	0.230	7.09	3.071	5.47	1.5	255.7	112	1.3	14.3	10.8	0.6	5	4	7.2	<0.1	191.5	6.6
IMA6151	Rock Pulp			146	3.85	146	0.195	8.30	1.544	0.46	0.1	17.8	9	0.4	5.7	1.5	0.2	<1	19	8.5	<0.1	5.6	0.7
IMA6152	Rock Pulp			103	0.86	3118	0.222	7.14	3.625	4.64	0.7	210.1	107	1.2	13.2	10.2	0.5	6	4	4.8	<0.1	156.1	5.6
IMA6153	Rock Pulp			83	0.91	1806	0.215	7.27	3.879	4.28	0.8	275.0	103	1.3	13.6	11.3	0.5	6	4	16.0	<0.1	169.2	6.7
IMA6154	Rock Pulp			89	0.84	3258	0.216	7.43	3.697	4.54	0.9	217.9	118	1.3	14.6	9.9	0.5	6	4	6.1	<0.1	158.8	5.5
IMA6155	Rock Pulp			88	0.85	1802	0.193	6.89	3.906	3.80	0.8	241.1	81	1.1	10.2	9.6	0.5	6	4	15.0	<0.1	144.7	6.0
IMA6156	Rock Pulp			124	0.48	1473	0.129	7.05	3.909	2.00	<0.1	52.6	24	0.6	3.7	2.7	0.2	1	3	18.8	<0.1	65.2	1.7
IMA6157	Rock Pulp			89	0.83	1731	0.230	7.41	4.085	4.21	0.8	289.5	96	1.3	12.7	14.0	0.7	6	4	8.7	<0.1	139.8	7.0
IMA6158	Rock Pulp			116	0.93	2186	0.212	7.32	4.078	4.28	1.2	231.3	96	1.1	12.1	8.8	0.5	5	5	25.0	<0.1	142.0	5.8
IMA6159	Rock Pulp			73	2.83	774	0.782	6.77	1.724	1.09	0.3	105.6	25	1.0	28.1	5.6	0.4	<1	38	21.3	0.1	88.2	2.8
IMA6160	Rock Pulp			72	2.81	811	0.814	6.95	1.784	1.11	0.2	105.8	26	1.0	28.1	5.6	0.4	<1	37	21.0	0.1	90.9	2.8
IMA6161	Rock Pulp			136	3.28	351	0.641	7.13	1.635	1.27	0.2	92.2	24	0.9	23.5	4.2	0.3	<1	36	23.5	<0.1	127.4	2.6
IMA6162	Rock Pulp			132	0.97	2219	0.249	7.62	4.065	4.17	1.1	314.7	119	1.3	15.9	11.2	0.6	8	5	11.9	<0.1	136.5	7.4
IMA6163	Rock Pulp			92	1.11	1228	0.192	7.34	3.698	3.59	1.3	296.7	91	1.1	12.4	8.3	0.4	3	5	16.4	<0.1	128.1	6.6
IMA6164	Rock Pulp			102	0.53	1023	0.210	7.74	4.001	4.07	0.6	212.6	94	1.1	12.2	9.0	0.5	3	4	6.7	<0.1	156.4	5.6
IMA6165	Rock Pulp			108	0.68	1980	0.180	7.40	3.563	4.54	1.1	244.3	89	1.2	13.4	10.5	0.6	23	4	20.8	<0.1	182.3	7.3
IMA6166	Rock Pulp			133	0.61	1214	0.119	6.82	3.380	4.61	1.7	213.8	82	0.8	9.4	5.7	0.3	5	3	24.6	<0.1	196.9	6.0
IMA6167	Rock Pulp			103	2.96	261	0.864	7.08	1.754	0.76	0.2	111.4	27	1.0	29.3	5.9	0.4	<1	40	20.8	0.1	69.1	3.0
IMA6168	Rock Pulp			143	0.61	1568	0.143	6.81	3.680	4.05	1.8	200.2	94	1.0	11.4	8.3	0.5	4	3	17.0	<0.1	149.0	5.8
IMA6169	Rock Pulp			155	0.18	617	0.144	6.90	3.786	4.56	3.4	668.9	49	1.9	11.4	23.3	1.1	8	1	6.8	0.3	187.4	16.9
IMA6170	Rock Pulp			158	0.18	1781	0.057	5.15	2.309	3.58	1.2	214.5	43	0.8	4.5	5.0	0.3	2	1	7.0	<0.1	182.0	6.7
IMA6171	Rock Pulp			114	0.36	1058	0.067	6.50	2.537	5.29	1.6	360.5	77	0.9	7.8	5.4	0.3	2	2	22.4	<0.1	286.7	10.1
IMA6172	Rock Pulp			176	3.06	241	0.770	6.73	1.642	0.85	0.5	97.3	25	0.9	25.7	5.2	0.4	<1	39	21.3	<0.1	98.2	2.7
IMA6173	Rock Pulp			104	1.19	652	0.160	6.75	5.716	1.33	2.4	233.1	9	1.0	2.7	8.6	0.5	2	4	12.9	<0.1	20.6	5.2
IMA6174	Rock Pulp			116	0.47	1206	0.158	6.76	2.741	5.47	0.7	310.5	88	1.5	11.0	19.2	1.0	8	2	4.8	<0.1	239.1	10.4

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Project:

None Given

Report Date:

November 23, 2022

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Part:

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CERTIFICATE OF ANALYSIS

VAN22003322.1

Method Analyte	Unit	MA200	MA200	MA200	MA200	MA200
		In	Re	Se	Te	Tl
MDL		ppm	ppm	ppm	ppm	ppm
		0.05	0.005	1	0.5	0.5
IMA6145	Rock Pulp	<0.05	<0.005	<1	<0.5	0.7
IMA6146	Rock Pulp	<0.05	<0.005	<1	<0.5	0.7
IMA6147	Rock Pulp	0.09	<0.005	<1	<0.5	0.7
IMA6148	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA6149	Rock Pulp	<0.05	<0.005	<1	<0.5	1.0
IMA6150	Rock Pulp	<0.05	<0.005	<1	<0.5	1.1
IMA6151	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6152	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6153	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA6154	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6155	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6156	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6157	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6158	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6159	Rock Pulp	0.08	<0.005	<1	<0.5	<0.5
IMA6160	Rock Pulp	0.08	<0.005	<1	<0.5	<0.5
IMA6161	Rock Pulp	0.07	<0.005	<1	<0.5	0.7
IMA6162	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6163	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6164	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA6165	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA6166	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA6167	Rock Pulp	0.09	<0.005	<1	<0.5	<0.5
IMA6168	Rock Pulp	<0.05	<0.005	<1	<0.5	1.1
IMA6169	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA6170	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA6171	Rock Pulp	<0.05	<0.005	<1	<0.5	2.1
IMA6172	Rock Pulp	0.08	<0.005	<1	<0.5	0.6
IMA6173	Rock Pulp	<0.05	0.551	<1	<0.5	<0.5
IMA6174	Rock Pulp	<0.05	<0.005	<1	<0.5	1.2



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Project: None Given
Report Date: November 23, 2022

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CERTIFICATE OF ANALYSIS

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Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1	
IMA6175	Rock Pulp	1.9	21.0	52.2	66	<0.1	24.3	7.9	465	2.47	1	6.1	23.9	642	<0.1	0.2	0.4	61	1.22	0.083	57.2
IMA6176	Rock Pulp	1.6	7.1	29.7	52	<0.1	20.4	5.4	424	2.10	<1	4.7	42.9	219	<0.1	0.3	0.5	45	0.89	0.070	57.2
IMA6177	Rock Pulp	0.5	146.7	4.9	118	<0.1	45.5	42.7	1634	9.40	2	0.3	1.1	294	0.2	0.1	<0.1	355	6.17	0.046	6.7
IMA6178	Rock Pulp	1.7	9.6	20.2	41	<0.1	17.6	4.7	286	1.49	1	2.4	20.0	130	<0.1	0.3	0.7	31	0.64	0.019	23.2
IMA6179	Rock Pulp	1.3	8.9	66.9	94	<0.1	25.6	8.0	735	2.39	<1	7.1	34.2	608	0.1	0.7	0.7	50	1.46	0.080	64.8
IMA6180	Rock Pulp	0.5	4.5	35.3	157	<0.1	15.8	8.1	495	1.39	<1	10.5	25.4	85	<0.1	0.3	1.8	42	0.24	0.052	51.5
IMA6181	Rock Pulp	2.0	25.5	58.1	76	<0.1	29.2	8.7	538	2.72	2	3.8	15.1	749	<0.1	0.6	0.4	64	1.08	0.104	58.0
IMA6182	Rock Pulp	0.5	165.8	4.4	135	<0.1	43.8	46.8	1836	11.33	<1	0.5	2.1	231	0.2	0.1	<0.1	404	6.10	0.070	12.9
IMA6183	Rock Pulp	3.1	24.1	47.9	78	<0.1	26.3	10.2	640	2.72	2	5.6	27.7	1170	<0.1	1.0	0.6	72	1.71	0.096	56.5
IMA6184	Rock Pulp	2.6	7.5	14.4	32	<0.1	23.1	6.7	300	2.32	<1	4.4	14.3	325	<0.1	0.3	0.4	61	0.67	0.068	32.5
IMA6185	Rock Pulp	0.8	8.4	33.4	23	<0.1	15.0	4.3	254	2.23	1	3.1	14.4	309	<0.1	0.2	0.2	53	0.78	0.060	49.6
IMA6186	Rock Pulp	0.6	163.7	4.6	118	<0.1	51.9	46.9	1781	10.29	2	0.5	1.9	515	0.1	0.1	<0.1	377	5.79	0.058	11.7
IMA6187	Rock Pulp	1.1	13.4	12.7	36	<0.1	29.9	8.1	373	2.76	<1	2.8	16.1	315	<0.1	0.5	0.1	63	1.09	0.103	62.7
IMA6188	Rock Pulp	1.9	18.4	52.1	64	<0.1	33.2	10.5	530	2.84	1	2.6	24.4	802	<0.1	0.2	0.2	65	1.26	0.075	52.3
IMA6189	Rock Pulp	6.0	3.3	5.1	45	<0.1	28.2	10.6	294	3.29	2	2.0	9.5	110	<0.1	0.1	0.3	67	0.32	0.101	30.0
IMA6190	Rock Pulp	1.1	4.7	9.2	15	<0.1	13.5	3.7	125	1.22	1	4.7	12.8	69	<0.1	0.1	0.1	39	0.26	0.053	11.5
IMA6191	Rock Pulp	0.4	136.1	5.1	101	<0.1	49.5	43.6	1622	8.91	2	0.5	2.0	441	<0.1	<0.1	<0.1	321	5.04	0.051	10.9
IMA6192	Rock Pulp	0.3	79.4	4.7	57	<0.1	101.2	39.6	1052	6.38	2	0.3	1.1	231	<0.1	0.1	<0.1	182	6.37	0.019	4.6
IMA6193	Rock Pulp	0.4	525.4	4.8	84	0.2	136.3	50.8	1480	8.29	2	0.6	2.0	165	0.1	0.2	0.1	270	6.52	0.031	7.9
IMA6194	Rock Pulp	2.8	11.4	38.1	5	<0.1	7.1	9.9	147	0.83	3	26.6	156.7	28	<0.1	0.1	0.7	10	0.09	0.023	272.9
IMA6195	Rock Pulp	5.4	13.5	57.8	7	<0.1	5.7	10.7	154	0.81	4	46.8	281.8	32	<0.1	0.2	1.0	9	0.25	0.038	503.2
IMA6196	Rock Pulp	1.6	682.1	52.5	10	0.3	8.2	4.4	108	0.87	3	8.9	42.6	14	<0.1	0.1	0.4	7	0.10	0.006	48.1
IMA6197	Rock Pulp	1.8	2.3	40.2	14	<0.1	17.7	4.7	129	1.65	2	109.5	695.4	9	<0.1	0.1	<0.1	25	0.11	0.060	271.2
IMA6198	Rock Pulp	3.1	40.4	339.9	483	0.2	11.0	11.6	103	0.80	6	60.8	410.0	21	2.4	<0.1	0.6	13	0.13	0.047	504.0
IMA6199	Rock Pulp	2.4	5.5	5.5	74	<0.1	4.0	2.9	151	0.76	34	1.4	3.6	241	0.1	0.3	<0.1	8	26.57	0.021	6.5
IMA6200	Rock Pulp	0.5	1.7	6.2	19	<0.1	1.1	1.1	317	0.31	2	0.8	3.6	233	0.1	<0.1	<0.1	4	30.51	0.003	3.2
IMA6201	Rock Pulp	8.4	18.7	61.2	14	<0.1	6.3	8.7	177	0.87	2	51.2	291.3	24	<0.1	<0.1	0.2	13	0.27	0.033	324.3
IMA6202	Rock Pulp	0.5	5.9	7.4	3	0.1	5.8	4.0	90	0.88	21	0.6	1.9	290	<0.1	1.2	<0.1	17	19.09	0.031	5.0
IMA6203	Rock Pulp	1.0	1.1	1.9	15	<0.1	0.5	0.5	463	0.67	1	0.2	0.9	121	<0.1	<0.1	<0.1	4	20.08	0.008	2.4
IMA6204	Rock Pulp	0.7	77.5	6.1	89	<0.1	35.4	31.5	1082	6.73	2	0.8	2.1	329	<0.1	1.5	<0.1	228	7.14	0.090	12.1

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Project: None Given
Report Date: November 23, 2022

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CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
				Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1
IMA6175	Rock Pulp	114	0.82	2186	0.173	7.27	3.762	4.10	1.6	506.1	117	1.0	14.5	7.5	0.4	6	5	25.5	<0.1	157.2	10.9
IMA6176	Rock Pulp	118	0.70	1427	0.203	6.68	3.946	3.78	1.2	339.1	111	1.6	14.1	16.6	0.8	10	3	12.0	<0.1	162.7	9.1
IMA6177	Rock Pulp	83	2.53	196	0.780	7.47	1.503	0.62	0.2	78.4	17	0.8	23.1	4.9	0.3	<1	36	17.5	<0.1	53.6	2.1
IMA6178	Rock Pulp	204	0.48	1058	0.120	4.33	2.308	2.50	1.1	128.2	50	1.0	7.4	9.2	0.5	6	3	5.7	<0.1	122.1	4.3
IMA6179	Rock Pulp	94	0.88	2271	0.154	7.41	3.505	4.48	2.2	219.2	126	1.3	14.7	9.0	0.5	8	5	14.8	<0.1	202.3	6.4
IMA6180	Rock Pulp	81	1.04	482	0.138	5.67	2.905	3.06	1.2	207.3	85	1.1	9.5	13.3	0.7	4	2	34.6	<0.1	175.8	6.4
IMA6181	Rock Pulp	156	1.05	2230	0.202	7.63	3.617	4.72	5.2	207.8	107	1.1	12.4	7.8	0.4	5	5	17.4	<0.1	164.2	5.4
IMA6182	Rock Pulp	83	2.66	161	0.965	6.82	1.602	0.68	0.3	113.8	29	1.2	31.1	6.5	0.4	<1	40	24.8	0.1	63.5	3.1
IMA6183	Rock Pulp	110	1.02	2111	0.219	7.50	3.550	4.95	1.6	331.3	114	1.2	15.0	11.9	0.5	8	5	18.6	0.1	163.2	7.9
IMA6184	Rock Pulp	157	0.67	1174	0.214	7.67	4.374	3.49	3.6	179.6	67	1.4	13.0	9.6	0.4	4	5	10.9	<0.1	98.7	4.8
IMA6185	Rock Pulp	153	0.40	1477	0.208	7.88	3.846	4.72	1.6	172.3	99	1.2	12.8	9.4	0.5	4	4	5.2	<0.1	127.5	4.9
IMA6186	Rock Pulp	149	3.08	397	0.953	7.41	1.934	1.30	0.2	117.4	26	1.1	31.2	6.1	0.4	<1	39	15.3	0.1	136.7	3.0
IMA6187	Rock Pulp	214	0.70	745	0.190	8.02	3.647	4.70	5.8	162.1	111	1.1	14.2	6.3	0.3	4	6	10.2	<0.1	123.8	4.5
IMA6188	Rock Pulp	161	1.18	2187	0.242	7.60	3.972	4.31	2.3	209.5	99	1.3	12.6	12.1	0.6	7	6	4.4	<0.1	158.8	5.9
IMA6189	Rock Pulp	134	1.59	83	0.219	7.48	6.525	0.04	1.6	234.1	62	1.5	7.3	8.7	0.4	3	4	15.5	<0.1	0.3	5.6
IMA6190	Rock Pulp	122	0.40	1318	0.172	5.49	1.416	4.99	1.6	175.4	24	0.9	6.3	8.9	0.4	3	3	6.5	<0.1	160.0	4.7
IMA6191	Rock Pulp	90	2.94	668	0.755	6.60	1.655	1.48	0.2	94.3	24	0.8	24.5	4.2	0.3	<1	36	15.4	<0.1	126.4	2.5
IMA6192	Rock Pulp	111	3.89	67	0.333	8.13	1.564	0.48	0.2	36.4	10	0.5	10.1	1.6	0.1	<1	27	30.1	<0.1	11.0	1.0
IMA6193	Rock Pulp	94	3.53	105	0.569	7.22	1.627	0.39	0.4	62.6	17	0.8	15.7	2.9	0.2	<1	35	8.1	<0.1	15.4	1.7
IMA6194	Rock Pulp	166	0.10	729	0.189	3.51	0.091	4.13	0.5	112.6	478	1.0	19.9	17.4	2.0	<1	2	3.9	0.1	172.1	3.2
IMA6195	Rock Pulp	75	0.11	727	0.192	3.53	0.104	4.21	0.7	132.3	895	1.0	28.0	17.7	1.9	<1	2	3.8	0.1	168.8	3.7
IMA6196	Rock Pulp	225	0.18	354	0.050	1.79	0.140	1.91	0.3	35.3	87	0.7	4.7	4.1	0.4	<1	<1	3.1	0.1	60.1	0.9
IMA6197	Rock Pulp	126	3.65	12	0.230	2.74	0.154	0.11	0.3	181.6	491	0.5	45.8	18.8	1.1	<1	4	21.4	<0.1	3.8	5.1
IMA6198	Rock Pulp	143	0.14	656	0.223	2.97	0.059	3.54	0.8	130.9	886	1.1	35.4	22.8	2.0	<1	2	5.3	0.1	138.4	3.7
IMA6199	Rock Pulp	19	0.49	7	0.028	2.75	1.576	0.18	0.2	34.6	14	<0.1	2.7	0.6	<0.1	<1	2	2.6	0.5	1.2	0.9
IMA6200	Rock Pulp	32	4.17	27	0.007	0.16	0.023	0.15	<0.1	2.5	6	0.1	1.6	0.2	<0.1	<1	<1	7.0	<0.1	3.7	<0.1
IMA6201	Rock Pulp	86	0.13	652	0.249	3.18	0.092	3.84	0.6	139.6	595	1.0	26.3	21.3	2.4	<1	2	3.1	0.1	165.8	3.8
IMA6202	Rock Pulp	21	0.36	148	0.065	4.09	0.214	5.40	0.1	23.3	11	0.3	3.2	1.1	<0.1	<1	3	3.2	0.4	34.0	0.7
IMA6203	Rock Pulp	5	11.28	10	0.010	0.12	0.018	0.07	<0.1	2.1	5	<0.1	1.9	0.1	<0.1	<1	<1	2.2	<0.1	5.0	<0.1
IMA6204	Rock Pulp	86	2.70	122	0.824	8.28	2.858	0.55	0.2	70.7	28	1.0	29.1	2.5	0.2	<1	28	12.3	<0.1	7.2	2.0

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.



BUREAU VERITAS
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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: November 23, 2022

Page: 4 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

VAN22003322.1

Method	MA200	MA200	MA200	MA200	MA200	
Analyte	In	Re	Se	Te	Tl	
Unit	ppm	ppm	ppm	ppm	ppm	
MDL	0.05	0.005	1	0.5	0.5	
IMA6175	Rock Pulp	<0.05	<0.005	<1	<0.5	1.2
IMA6176	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA6177	Rock Pulp	0.07	<0.005	<1	<0.5	<0.5
IMA6178	Rock Pulp	<0.05	<0.005	<1	<0.5	0.7
IMA6179	Rock Pulp	<0.05	<0.005	<1	<0.5	1.6
IMA6180	Rock Pulp	<0.05	<0.005	<1	<0.5	1.2
IMA6181	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA6182	Rock Pulp	0.09	<0.005	<1	<0.5	<0.5
IMA6183	Rock Pulp	<0.05	<0.005	<1	<0.5	1.0
IMA6184	Rock Pulp	<0.05	<0.005	<1	<0.5	0.5
IMA6185	Rock Pulp	<0.05	<0.005	<1	<0.5	0.6
IMA6186	Rock Pulp	0.09	<0.005	<1	<0.5	0.7
IMA6187	Rock Pulp	<0.05	<0.005	<1	<0.5	0.6
IMA6188	Rock Pulp	<0.05	<0.005	<1	<0.5	0.7
IMA6189	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6190	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6191	Rock Pulp	0.07	<0.005	<1	<0.5	0.6
IMA6192	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6193	Rock Pulp	0.06	<0.005	<1	<0.5	<0.5
IMA6194	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6195	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6196	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6197	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6198	Rock Pulp	<0.05	<0.005	<1	<0.5	0.6
IMA6199	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6200	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6201	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA6202	Rock Pulp	<0.05	<0.005	<1	<0.5	0.7
IMA6203	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA6204	Rock Pulp	0.06	<0.005	<1	<0.5	<0.5



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Client: MacGregor, R.A.
28 Ford St.
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Project: None Given
Report Date: November 23, 2022

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Page: 1 of 1

Part: 1 of 3

QUALITY CONTROL REPORT

VAN22003322.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1	
Pulp Duplicates																					
IMA6132	Rock Pulp	0.4	101.8	3.1	69	<0.1	121.6	47.7	1274	6.76	2	0.4	1.2	226	0.1	0.1	<0.1	206	7.29	0.021	5.3
REP IMA6132	QC	0.4	102.0	3.1	69	<0.1	119.8	46.7	1272	6.74	2	0.4	1.2	222	<0.1	0.1	<0.1	207	7.41	0.021	5.1
IMA6168	Rock Pulp	1.5	208.6	25.3	66	<0.1	22.8	6.3	506	2.03	<1	5.1	18.7	352	<0.1	0.3	1.5	45	0.69	0.065	48.5
REP IMA6168	QC	1.6	214.6	25.7	70	<0.1	23.8	6.9	538	2.18	<1	5.3	19.2	368	<0.1	0.4	1.5	48	0.78	0.069	53.6
IMA6203	Rock Pulp	1.0	1.1	1.9	15	<0.1	0.5	0.5	463	0.67	1	0.2	0.9	121	<0.1	<0.1	<0.1	4	20.08	0.008	2.4
REP IMA6203	QC	1.1	1.1	1.9	15	<0.1	0.4	0.5	459	0.67	<1	0.3	1.0	117	<0.1	<0.1	<0.1	4	19.74	0.007	2.3
Reference Materials																					
STD OREAS25A-4A	Standard	2.1	29.5	21.8	40	<0.1	43.1	7.4	470	6.24	9	2.4	13.9	44	<0.1	0.5	0.3	148	0.29	0.045	21.0
STD OREAS25A-4A	Standard	2.3	31.8	23.3	43	<0.1	46.0	7.9	485	6.53	10	2.5	14.5	48	<0.1	0.6	0.3	153	0.29	0.046	22.5
STD OREAS45H	Standard	1.4	764.1	11.7	39	0.1	443.2	88.5	398	19.84	15	1.6	7.3	28	<0.1	0.6	0.2	271	0.14	0.022	13.2
STD OREAS45H	Standard	1.4	789.5	11.7	38	0.1	438.5	93.3	404	20.09	16	1.5	7.0	28	<0.1	0.5	0.2	278	0.14	0.023	12.6
STD OREAS45H	Standard	1.4	736.2	11.4	38	0.1	440.1	87.2	388	19.33	15	1.5	6.6	28	<0.1	0.5	0.2	259	0.14	0.022	12.5
STD OREAS501D	Standard	87.5	2511.5	23.7	83	0.6	21.2	8.9	353	3.15	11	3.3	11.6	196	0.2	2.0	1.2	70	1.71	0.084	28.6
STD OREAS25A-4A Expected		2.41	33.9	25.2	44.4		45.8	7.7	480	6.6	9.94	2.94	15.8	48.5		0.65	0.37	157	0.301	0.048	21.8
STD OREAS45H Expected		1.55	767	12.2	39.7	0.147	451	92	405	20.4	16.9	1.68	7.6	28		0.63	0.17	275	0.135	0.023	13.3
STD OREAS501D Expected		95	2720	25.2	90	0.664	21	9.57	370	3.37	15.1	3.88	14	212	0.3	2.25	1.26	71	1.85	0.087	34.8
BLK	Blank	<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.2	1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1
BLK	Blank	<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1
BLK	Blank	<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.2	1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1



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Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: November 23, 2022

Page: 1 of 1

Part: 2 of 3

QUALITY CONTROL REPORT

VAN22003322.1

Method	Analyte	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
		Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf
Unit		ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	
Pulp Duplicates																					
IMA6132	Rock Pulp	167	4.42	86	0.400	8.37	1.530	0.48	0.2	46.9	11	0.6	12.0	2.0	<1	31	8.2	<0.1	13.8	1.2	
REP IMA6132	QC	166	4.43	86	0.401	8.41	1.534	0.49	0.2	43.7	11	0.6	12.0	2.0	0.1	<1	32	8.1	<0.1	13.7	1.2
IMA6168	Rock Pulp	143	0.61	1568	0.143	6.81	3.680	4.05	1.8	200.2	94	1.0	11.4	8.3	0.5	4	3	17.0	<0.1	149.0	5.8
REP IMA6168	QC	135	0.66	1641	0.157	7.20	3.650	4.11	1.9	216.4	102	1.0	12.0	8.6	0.5	4	4	18.0	<0.1	159.3	6.3
IMA6203	Rock Pulp	5	11.28	10	0.010	0.12	0.018	0.07	<0.1	2.1	5	<0.1	1.9	0.1	<0.1	<1	<1	2.2	<0.1	5.0	<0.1
REP IMA6203	QC	5	11.20	10	0.005	0.12	0.019	0.07	<0.1	1.9	4	<0.1	1.8	0.1	<0.1	<1	<1	2.3	<0.1	5.1	<0.1
Reference Materials																					
STD OREAS25A-4A	Standard	112	0.32	138	0.878	8.80	0.129	0.46	1.7	140.4	44	3.2	9.3	17.7	1.2	<1	13	34.5	<0.1	57.4	3.7
STD OREAS25A-4A	Standard	118	0.32	147	0.919	8.89	0.130	0.48	1.9	155.0	47	4.0	10.2	20.2	1.4	<1	13	33.3	<0.1	62.4	4.0
STD OREAS45H	Standard	672	0.25	336	0.903	8.10	0.093	0.21	0.8	123.6	24	1.8	9.5	13.1	0.9	1	58	12.9	<0.1	22.2	3.2
STD OREAS45H	Standard	665	0.25	334	0.932	8.13	0.095	0.21	0.8	124.6	23	1.8	9.5	13.0	0.9	1	59	12.6	<0.1	21.5	3.2
STD OREAS45H	Standard	654	0.25	327	0.847	8.05	0.103	0.21	0.8	117.2	24	1.8	9.2	13.0	0.9	1	56	13.2	<0.1	22.7	3.2
STD OREAS501D	Standard	40	0.76	935	0.350	7.07	2.017	2.88	9.3	62.6	63	4.1	14.4	10.6	0.9	2	8	49.9	0.4	148.3	1.9
STD OREAS25A-4A Expected		115	0.327	147	0.93	8.87	0.131	0.482	2	155	47.3	4.06	10.5	20.9	1.4	0.93	13.7	36.7	0.047	61	4.14
STD OREAS45H Expected		660	0.2575	342	0.878	8.2	0.09	0.215	0.9	126	24.3	1.93	10.4	13.8	1	1.09	59	13.9		22.5	3.42
STD OREAS501D Expected		45.4	0.827	993	0.359	7.69	2.07	3.01	8.56	62	73	4.86	15.7	12.2	1.09	2.65	9.47	51	0.38	164	2
BLK	Blank	<1	<0.01	<1	<0.001	<0.01	0.002	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<1	<0.01	<1	0.003	<0.01	0.003	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	0.4	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.1	<0.1	<0.1	<0.1



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Bureau Veritas Commodities Canada Ltd.

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Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: November 23, 2022

Page: 1 of 1 **Part:** 3 of 3

QUALITY CONTROL REPORT VAN22003322.1

Method	MA200	MA200	MA200	MA200	MA200	
Analyte	In	Re	Se	Te	TI	
Unit	ppm	ppm	ppm	ppm	ppm	
MDL	0.05	0.005	1	0.5	0.5	
Pulp Duplicates						
IMA6132	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
REP IMA6132	QC	<0.05	<0.005	<1	<0.5	<0.5
IMA6168	Rock Pulp	<0.05	<0.005	<1	<0.5	1.1
REP IMA6168	QC	<0.05	<0.005	<1	<0.5	1.1
IMA6203	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
REP IMA6203	QC	<0.05	<0.005	<1	<0.5	<0.5
Reference Materials						
STD OREAS25A-4A	Standard	0.08	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	0.09	<0.005	3	<0.5	<0.5
STD OREAS45H	Standard	0.10	<0.005	2	<0.5	<0.5
STD OREAS45H	Standard	0.09	<0.005	2	<0.5	<0.5
STD OREAS45H	Standard	0.10	<0.005	2	<0.5	<0.5
STD OREAS501D	Standard	0.08	0.045	2	<0.5	0.9
STD OREAS25A-4A Expected		0.09		2.4		0.35
STD OREAS45H Expected		0.1		2.02		
STD OREAS501D Expected		0.086	0.049			0.91
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5



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PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: February 17, 2023
Analysis Start: February 21, 2023
Report Date: February 24, 2023
Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN23000308.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 95

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	95	Sorting, labeling and boxing samples received as pulps			VAN
GC840	95	Trace level F by specific ion electrode	0.2	Completed	VAN

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:



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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Client: MacGregor, R.A.
28 Ford St.
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Project: None Given
Report Date: February 24, 2023

Bureau Veritas Commodities Canada Ltd.

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN23000308.1

Method	Analyte	Unit	MDL	GC840	F
					ppm
					10
F411	Rock Pulp			2759	
F412	Rock Pulp			641	
F413	Rock Pulp			755	
F414	Rock Pulp			63	
F415	Rock Pulp			79	
F416	Rock Pulp			1005	
F417	Rock Pulp			599	
F418	Rock Pulp			1271	
F419	Rock Pulp			1910	
F420	Rock Pulp			848	
F421	Rock Pulp			721	
F422	Rock Pulp			519	
F423	Rock Pulp			829	
F424	Rock Pulp			720	
F425	Rock Pulp			497	
F426	Rock Pulp			1475	
F427	Rock Pulp			643	
F428	Rock Pulp			959	
F429	Rock Pulp			774	
F430	Rock Pulp			1604	
F431	Rock Pulp			1119	
F432	Rock Pulp			663	
F433	Rock Pulp			1407	
F434	Rock Pulp			527	
F435	Rock Pulp			1379	
F436	Rock Pulp			971	
F437	Rock Pulp			880	
F438	Rock Pulp			595	
F439	Rock Pulp			304	
F440	Rock Pulp			716	

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Project: None Given
Report Date: February 24, 2023

Page: 5 of 5

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN23000308.1

	Method	GC840
	Analyte	F
	Unit	ppm
	MDL	10
F441	Rock Pulp	434
F442	Rock Pulp	296
F443	Rock Pulp	795
F444	Rock Pulp	795
F445	Rock Pulp	105



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Client: MacGregor, R.A.
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Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 24, 2023

Page: 1 of 1 Part: 1 of 1

QUALITY CONTROL REPORT

VAN23000308.1

	Method	GC840
	Analyte	F
	Unit	ppm
	MDL	10
Pulp Duplicates		
F372	Rock Pulp	34
REP F372	QC	31
F408	Rock Pulp	1097
REP F408	QC	1130
F436	Rock Pulp	971
REP F436	QC	1005
Reference Materials		
STD OREAS993	Standard	493
STD OREAS993	Standard	492
STD OREAS993	Standard	507
STD STSD-1	Standard	1000
STD STSD-1	Standard	1089
STD STSD-1	Standard	1095
STD STSD-1 Expected		950
STD OREAS993 Expected		511
BLK	Blank	<10
BLK	Blank	<10
BLK	Blank	<10



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

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

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: March 29, 2023
Analysis Start: March 30, 2023
Report Date: April 04, 2023
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN23000498.1

CLIENT JOB INFORMATION

Project: 20/11/13
Shipment ID:
P.O. Number
Number of Samples: 77

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	77	Sorting, labeling and boxing samples received as pulps			VAN
GC840	77	Trace level F by specific ion electrode	0.2	Completed	VAN

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:


ERIC LAU
Wet Assay Supervisor

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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Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: 20/11/13
Report Date: April 04, 2023

Page: 3 of 4 Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN23000498.1

Method	GC840	
Analyte	F	
Unit	ppm	
MDL	10	
F476	Rock Pulp	1044
F477	Rock Pulp	1111
F478	Rock Pulp	507
F479	Rock Pulp	432
F480	Rock Pulp	731
F481	Rock Pulp	799
F482	Rock Pulp	2830
F483	Rock Pulp	1224
F484	Rock Pulp	1900
F485	Rock Pulp	1970
F486	Rock Pulp	366
F487	Rock Pulp	231
F488	Rock Pulp	1940
F489	Rock Pulp	724
F490	Rock Pulp	399
F491	Rock Pulp	830
F492	Rock Pulp	551
F493	Rock Pulp	218
F494	Rock Pulp	203
F495	Rock Pulp	274
F496	Rock Pulp	217
F497	Rock Pulp	422
F498	Rock Pulp	779
F499	Rock Pulp	224
F500	Rock Pulp	651
F501	Rock Pulp	654
F502	Rock Pulp	297
F503	Rock Pulp	738
F504	Rock Pulp	719
F505	Rock Pulp	236

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.



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Client: MacGregor, R.A.
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Sault Ste. Marie Ontario P6A 4N4 Canada

Project: 20/11/13
Report Date: April 04, 2023

Bureau Veritas Commodities Canada Ltd.

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

Page: 4 of 4

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN23000498.1

	Method	GC840
	Analyte	F
	Unit	ppm
	MDL	10
F506	Rock Pulp	224
F507	Rock Pulp	205
F508	Rock Pulp	219
F509	Rock Pulp	543
F510	Rock Pulp	199
F511	Rock Pulp	336
F512	Rock Pulp	920
F513	Rock Pulp	166
F514	Rock Pulp	426
F515	Rock Pulp	481
F516	Rock Pulp	1050
F517	Rock Pulp	1000
F518	Rock Pulp	193
F519	Rock Pulp	479
F520	Rock Pulp	758
F521	Rock Pulp	1069
F522	Rock Pulp	708



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PHONE (604) 253-3158

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: 20/11/13
Report Date: April 04, 2023

Page: 1 of 1 **Part:** 1 of 1

QUALITY CONTROL REPORT

VAN23000498.1

	Method	GC840
	Analyte	F
	Unit	ppm
	MDL	10
Pulp Duplicates		
F457	Rock Pulp	2070
REP F457	QC	2149
F493	Rock Pulp	218
REP F493	QC	232
F518	Rock Pulp	193
REP F518	QC	192
Reference Materials		
STD OREAS993	Standard	486
STD OREAS993	Standard	507
STD OREAS993	Standard	503
STD STSD-1	Standard	1065
STD STSD-1	Standard	954
STD STSD-1	Standard	973
STD STSD-1 Expected		950
STD OREAS993 Expected		511
BLK	Blank	12
BLK	Blank	<10
BLK	Blank	16



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

Assay Certificate

Certificate Number: 22-3935

Company: **Robert MacGregor**

Project:

Report Date: 09-Aug-22

Attn: Robert MacGregor

We hereby certify the following Assay of 35 rock/grab samples submitted 19-Jul-22 by Robert MacGregor

Sample Number	Au	Au Chk	Sample Weight
	FA-AAS g/Mt	FA-AAS g/Mt	- Kg
Blank Value	< 0.01		
OREAS 234	1.20		
1003	< 0.01		2.1
1004	< 0.01		1.6
1005	< 0.01		1.9
1006	0.01		1.8
1007	< 0.01		2.3
1008	< 0.01		4.0
1009	< 0.01		0.8
1010	< 0.01		1.6
1011	< 0.01		1.6
1012	< 0.01	< 0.01	2.6
1013	< 0.01		3.0
1014	< 0.01		1.4
1015	< 0.01		2.5
1016	< 0.01		1.6
1017	< 0.01		2.3
1018	< 0.01		3.3
1019	< 0.01		1.6
1020	< 0.01		1.2
1021	< 0.01		3.0
1022	0.01	< 0.01	0.7
Blank Value	< 0.01		
OREAS 234	1.21		
1023	< 0.01		2.4

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Page 2 of 2

Assay Certificate

Certificate Number: 22-3935

Company: **Robert MacGregor**

Project:

Report Date: 09-Aug-22

Attn: **Robert MacGregor**

We hereby certify the following Assay of 35 rock/grab samples submitted 19-Jul-22 by Robert MacGregor

Sample Number	Au	Au Chk	Sample Weight
	FA-AAS g/Mt	FA-AAS g/Mt	- Kg
1024	< 0.01		2.2
1025	< 0.01		2.1
1026	< 0.01		0.8
1027	< 0.01		0.4
1028	< 0.01		0.5
1029	< 0.01		0.7
1030	< 0.01		1.7
1031	< 0.01		1.6
1032	< 0.01	< 0.01	1.3
1033	< 0.01		0.5
1034	< 0.01		1.1
1035	< 0.01		1.3
1036	< 0.01		1.1
1037	< 0.01		1.1

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Page 1 of 2

Assay Certificate

Certificate Number: 22-3936

Company: **Robert MacGregor**

Project:

Report Date: 09-Aug-22

Attn: Robert MacGregor

We hereby certify the following Assay of 25 rock/grab samples submitted 19-Jul-22 by Robert MacGregor

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Sample Weight Kg
Blank Value	< 0.01		
OREAS 234	1.17		
1038	< 0.01		1.3
1039	< 0.01		0.9
1040	< 0.01		0.4
1041	< 0.01		0.7
1042	0.05		1.4
1043	< 0.01		0.7
1044	0.02		0.9
1045	< 0.01		0.9
1046	< 0.01		1.1
1047	< 0.01	< 0.01	1.0
1048	< 0.01		1.9
1049	< 0.01		0.6
1050	< 0.01		1.6
1051	< 0.01		1.4
1052	< 0.01		0.5
1053	< 0.01		1.7
1054	< 0.01		0.8
1055	< 0.01		0.5
1056	< 0.01		0.1
1057	0.04	< 0.01	0.7
Blank Value	< 0.01		
OREAS 234	1.16		
1058	< 0.01		0.7

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Page 2 of 2

Assay Certificate

Certificate Number: 22-3936

Company: **Robert MacGregor**

Project:

Report Date: 09-Aug-22

Attn: Robert MacGregor

We hereby certify the following Assay of 25 rock/grab samples submitted 19-Jul-22 by Robert MacGregor

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Sample Weight Kg
1059	< 0.01		0.8
1060	< 0.01		0.5
1061	0.02		1.0
1062	< 0.01		1.6

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Appendix III

Cost Receipts

Appendix IV

Daily Log of Work Hours

Daily Log

Date	Activity	Hours
Nov. 1/22	Pick up sample pulps from bus station store at container	1
Nov 3/22	Retrieve samples from container, package samples and ship to Bureau Veritas for TMA analysis	5
Feb 10/23	Retrieve samples from container, package 10 samples and ship to Bureau Veritas for F analysis	1.5
Feb 14/23	Retrieve samples from container, package and ship to Bureau Veritas for A analysis	0.5
March 20/23	Retrieve samples from container, package and ship to Bureau Veritas for F analysis	3.5
	Total	11.5 hours.