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**2018**

**Sampling and manual trenching**

**Claims 109624, 337076, 140979**

**Quartz lake Fripp twp.**

**Report Done by**

**Mark Brazeau license number**

**220477**

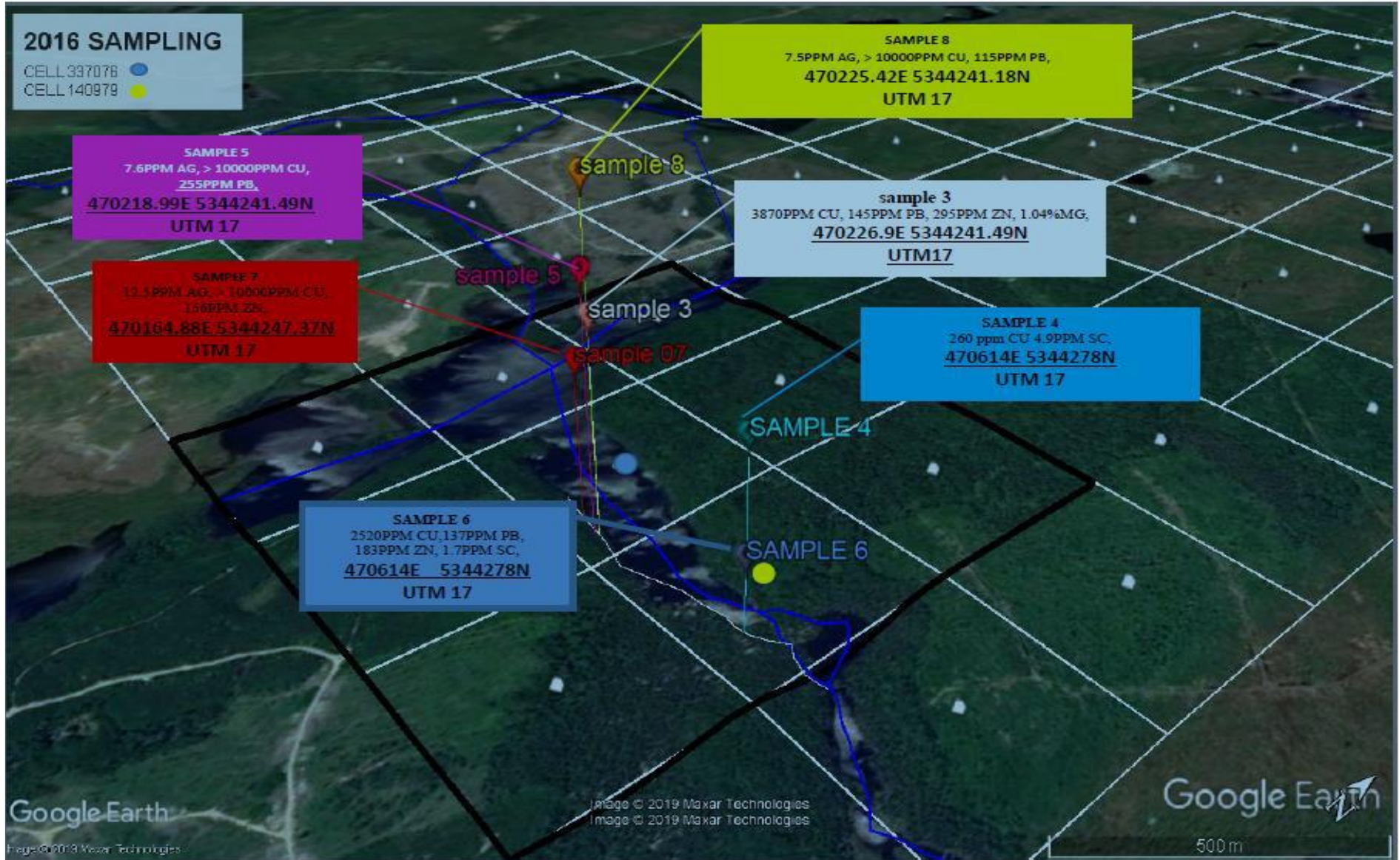
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- Certification Mark Brazeau
- Certification Victor Warford

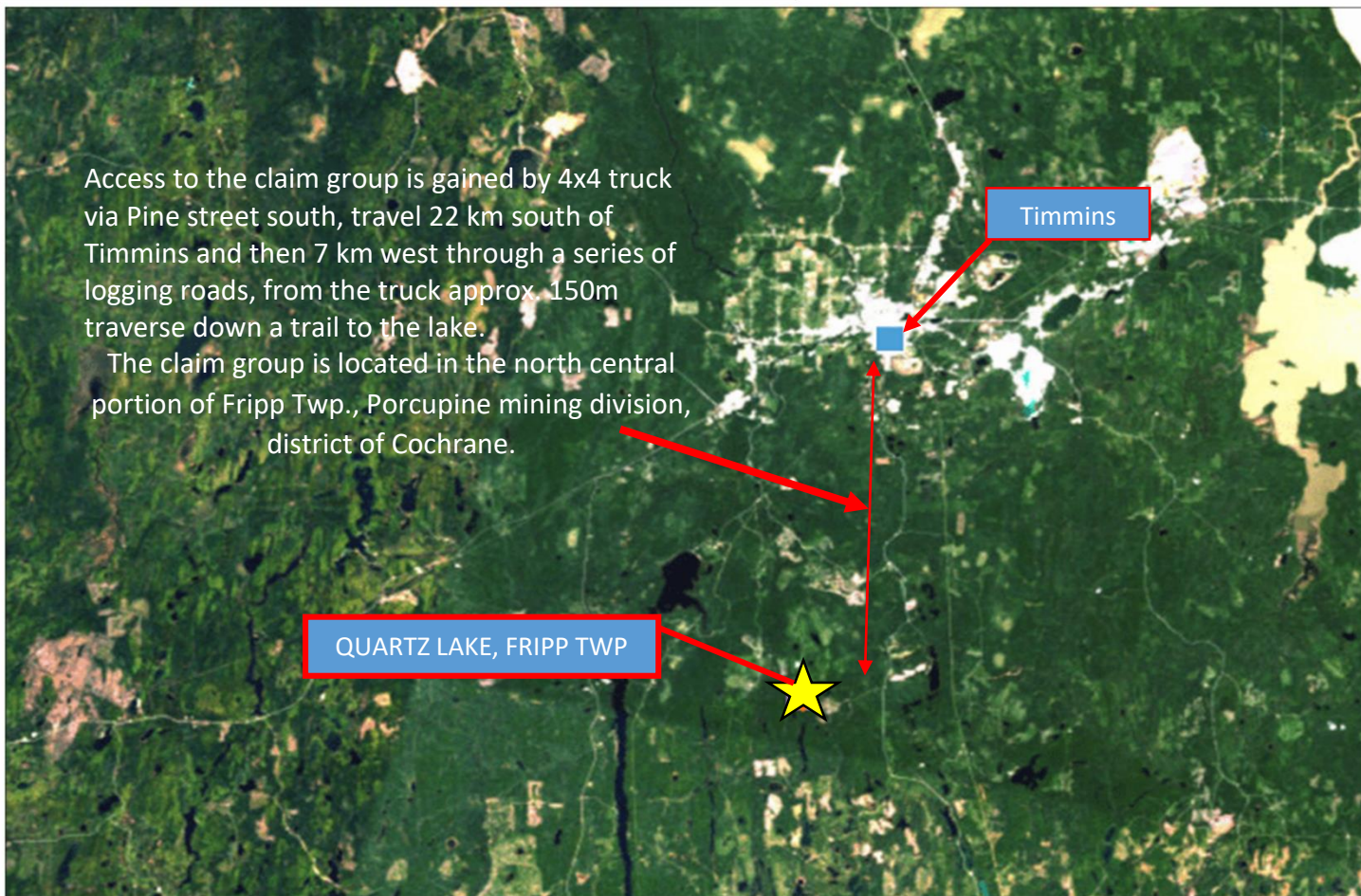
## INTRODUCTION

For a period of time equaling to 9 days from May 20 2018 to May 29 2018. The work program to manually clean old trenches and sample material from fresh bedrock, to obtain total percentages of the elevated base metal numbers found in the fall of 2016.



## Access and Location





### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council



Projection: Web Mercator



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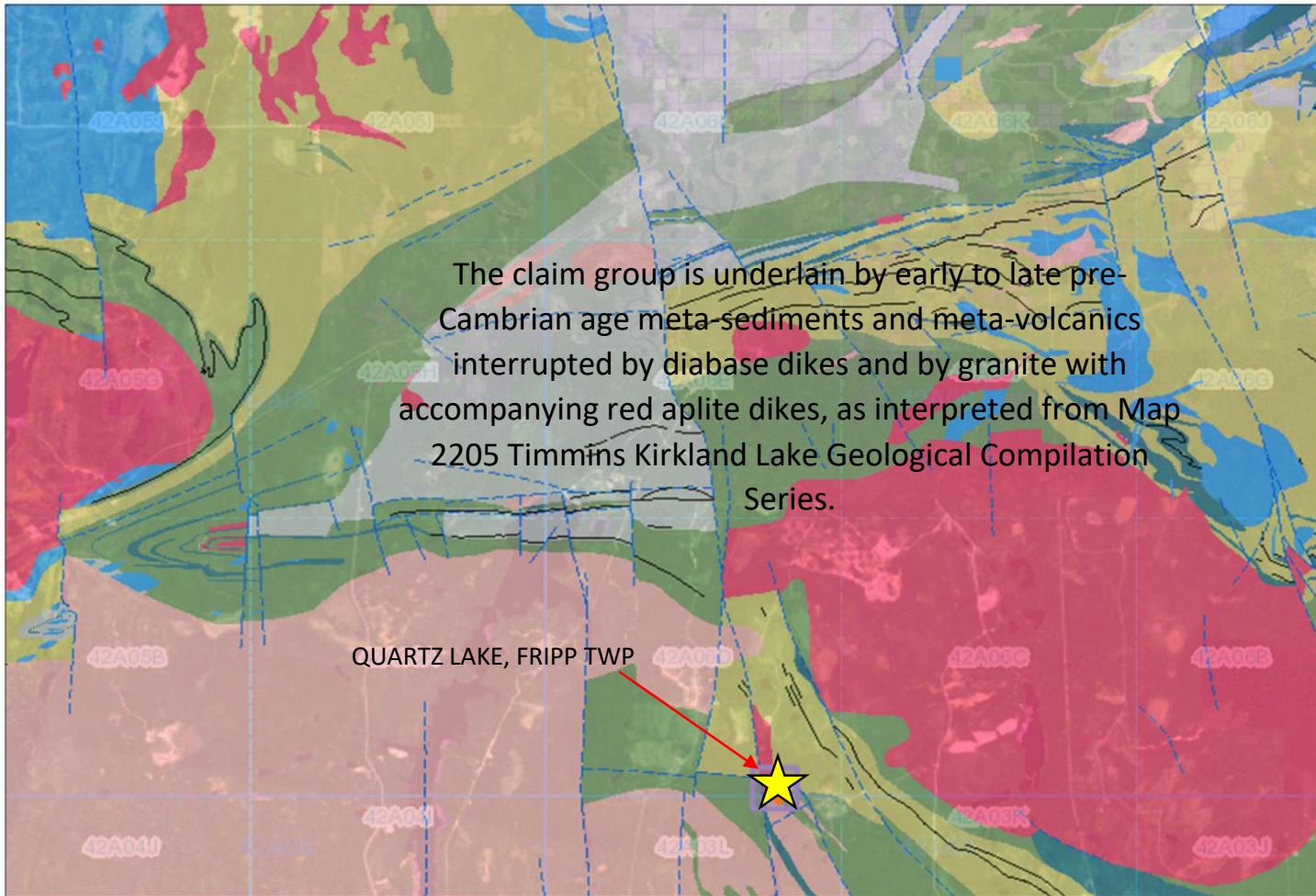
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## General Geology





The claim group is underlain by early to late pre-Cambrian age meta-sediments and meta-volcanics interrupted by diabase dikes and by granite with accompanying red aplite dikes, as interpreted from Map 2205 Timmins Kirkland Lake Geological Compilation Series.

QUARTZ LAKE, FRIPP TWP

### Legend

- Provincial Grid Cell**
  - Available
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  - Unavailable
- Mining Claim**
  - Mining Claim
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  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council



Projection: Web Mercator



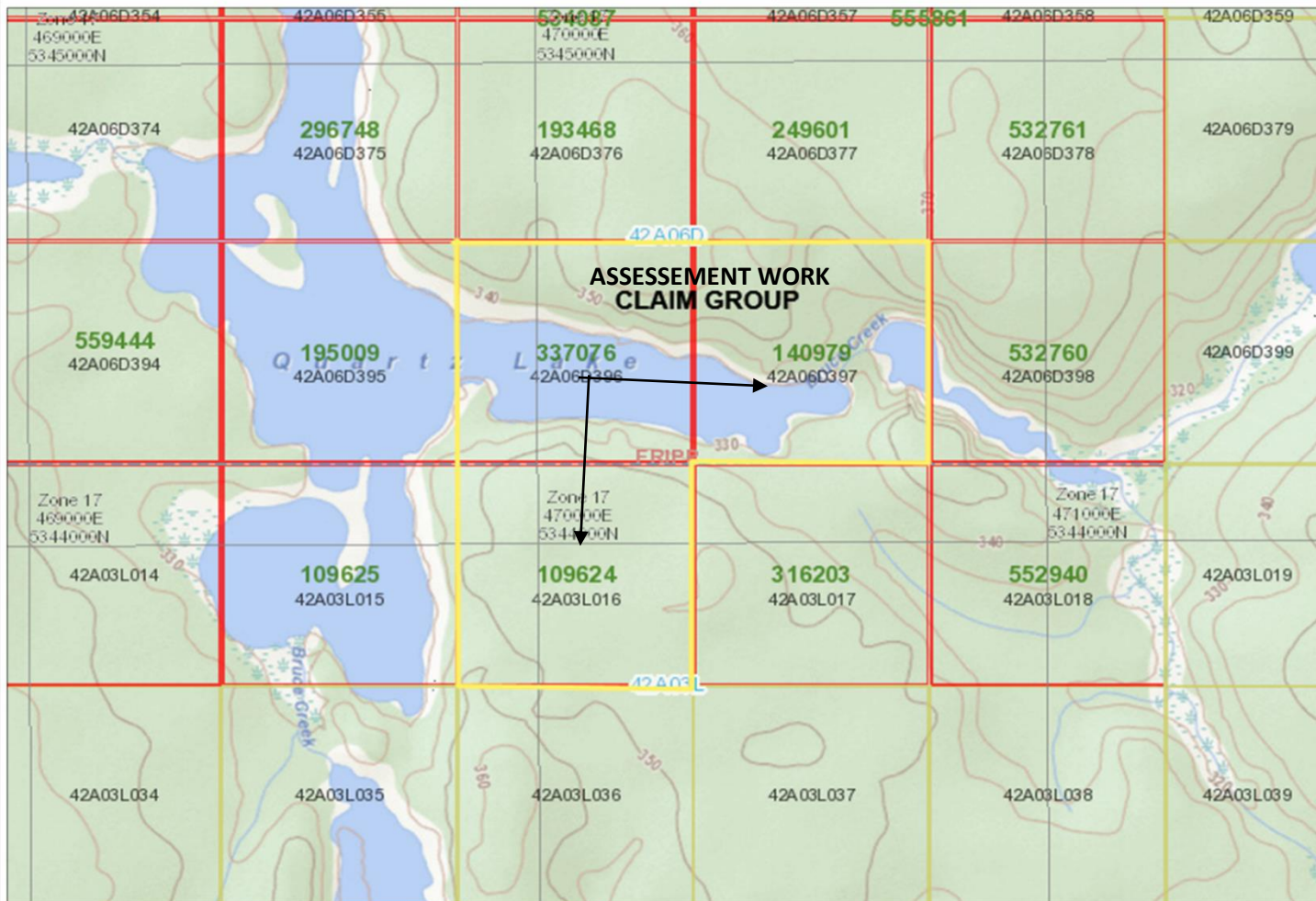
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## Claim Group



- ### Legend
- Provincial Grid Cell**
    - Available
    - Pending
    - Unavailable
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    - Mining Claim
    - Boundary Claim
  - Alienation**
    - Withdrawal
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    - UTM Grid 1K
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0 0.61 km

Projection: Web Mercator



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## Personnel

The people directly involved with the work described in this report are  
Mark Brazeau **License 220477** claim holder.  
Victor Warford of South Porcupine On, seasoned prospector.

### **Exploration and Mining History**

1920's: Quartz Lake Mines Limited - trenching, sampling. 1962: Hollinger Consolidated Gold Mines Ltd. - mapping, ground geophysics, sampling. 1964: O'Leary Malartic Mines Limited: drilling (1 hole, north side of East Arm, Quartz Lake). 1964: Nipiron Mines Limited - mapping, ground geophysics. 1988: R. Garneau: airborne geophysics. 1991, 1992, 1997: D. Tichinoff - ground geophysics; drilling (1 hole, north side of East Arm of lake, assays 2009-2010: D.M. Lefort - prospecting, sampling, assays.

### **WORK PROGRAM**

For a period of time equaling to 9 days from May 20 2018 to May 29 2018. The work program to manually clean old trenches and sample material from fresh bedrock, to obtain total percentages of the elevated base metal numbers found in the fall of 2016. Locates attached.



## 2016 SAMPLING

CELL 337078 ●  
CELL 140979 ●

**SAMPLE 5**  
7.6PPM AG, > 10000PPM CU,  
255PPM PB,  
470218.99E 5344241.49N  
UTM 17

**SAMPLE 7**  
12.5PPM AG, > 10000PPM CU,  
156PPM ZN,  
470164.88E 5344247.37N  
UTM 17

**SAMPLE 6**  
2520PPM CU, 137PPM PB,  
183PPM ZN, 1.7PPM SC,  
470614E 5344278N  
UTM 17

**SAMPLE 8**  
7.5PPM AG, > 10000PPM CU, 115PPM PB,  
470225.42E 5344241.18N  
UTM 17

**sample 3**  
3870PPM CU, 145PPM PB, 295PPM ZN, 1.04%MG,  
470226.9E 5344241.49N  
UTM17

**SAMPLE 4**  
260 ppm CU 4.9PPM SC,  
470614E 5344278N  
UTM 17

SAMPLE 4

SAMPLE 6

sample 8

sample 5

sample 3

sample 07



sampling and trenching 2018





# sampling and trenching 2018



vein  
17U 470484 5344233 334m (159°)

Report Number: A17-13867  
Report Date: 22/12/2017  
79PPB AU, 1.7PPM AG, 184PPM CU,  
159PPM NI, 187PPM CO,  
1.74% MG,  
sample002



shaft  
17U 470620 5344292 329m (166°)

Report Number: A18-06714  
Report Date: 12/6/2018  
s5  
2.32%CU



adit vein  
17U 470668 5344295 244m (290°)

Report Number: A18-08395  
Report Date: 12/7/2018  
S1  
49PPB AU, >1%CU, 1560PPM PB, 1.17%MG,



adit  
17U 470701 5344333 322m (211°)

Report Number: A18-06714  
Report Date: 1/6/2018  
s4  
2.95%CU

● Assay locates



300 m



# sampling and trenching 2018



Report Number: A18-06714  
Sample 04  
22.1 PPM AG, 2.95% CU, 375 NI, 2610 PPM PB, 132 PPM ZN, 120 PPM CO, 112 PPM CR



V2W  
17U 470218 5344233 349m (159°)



Report Number: A18-06714  
Report Date: 12/6/2018  
s2  
1.88%CU

17U 470226 5344241



Google Earth

Image © 2019 Maxar Technologies



300 m



sampling and trenching 2018



Sample 01  
225PPN CU,  
1.11%na

17U 470416.92 5342374.01



17 U 470115.00 m E 5344251.00 m N Sample 03  
Report Number: A18-06714  
7.6PPM AG, 3.94% CU, 112PPM ZN,











**Date Submitted:** 06-Dec-17  
**Invoice No.:** A17-13867  
**Invoice Date:** 22-Dec-17  
**Your Reference:** MT

**Mark Brazeau**  
**528 Mountjoy South**  
**Timmins Ontario**  
**Canada**

**ATTN: Mark Brazeau**

## CERTIFICATE OF ANALYSIS

1 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT      **A17-13867**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1  
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

**Results**

**Activation Laboratories Ltd.**

**Report: A17-13867**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
002	79	1.7	< 0.5	184	392	52	159	9	61	1.58	5	< 10	14	< 0.5	137	0.89	187	62	17.1	< 10	3	0.04	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	Th	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
002	1.74	0.029	0.041	16.1	7	7	17	0.02	43	< 2	< 20	< 10	60	< 10	4	10



Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		27.2	2.3	1090	794	13	27	599	638	0.51	369	12	385	0.9	1500	0.78	6	7	21.8	< 10	3	0.04	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-1 Meas		27.0	2.3	1050	790	13	34	594	635	0.47	361	11	341	0.8	1480	0.76	5	8	21.2	< 10	2	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.3	< 0.5	6590	140	302	38	42	68	2.66	104	< 10	66	1.4	10	0.81	12	56	3.00	10	< 1	1.69	51
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-4 Meas		3.2	< 0.5	6520	137	303	38	43	68	2.64	105	< 10	48	1.4	16	0.81	12	57	2.98	10	< 1	1.69	50
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		< 0.2	< 0.5	69	1060	1	21	92	119	7.19	263	< 10	818	1.0	< 2	0.14	12	83	5.64	20	< 1	1.14	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		< 0.2	< 0.5	68	1060	1	24	94	122	7.13	259	< 10	808	1.0	< 2	0.14	12	83	5.58	20	< 1	1.12	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 13b (4-Acid) Meas		0.7		2490		8	2420		53		57						45	393					
OREAS 13b (4-Acid) Cert		0.86		2327.0000		9.0	2247.0000		133		57						75	8650.0000					
OREAS 218 Meas	543																						
OREAS 218 Cert	531																						
OREAS 224 Meas	2220																						
OREAS 224 Cert	2150.0000																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	Th	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.16	0.066	0.037	0.18	79	1	172	< 0.01	9	< 2	< 20	28	75	142	23	17
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	2.44	34.9	80.0	164	32.0	38.0
GXR-1 Meas	0.15	0.060	0.035	0.18	75	1	165	< 0.01	15	< 2	< 20	25	73	144	23	16
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	2.44	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.65	0.119	0.120	1.70	2	7	78	0.13	4	< 2	< 20	< 10	81	14	12	9
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	22.5	6.20	87.0	30.8	14.0	186
GXR-4 Meas	1.65	0.119	0.120	1.70	4	7	77	0.13	3	3	< 20	< 10	81	13	12	9
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	22.5	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.41	0.080	0.034	0.01	5	23	35		5	< 2	< 20	< 10	178	< 10	6	14
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	5.30	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.080	0.033	0.01	5	23	35		< 1	< 2	< 20	< 10	179	< 10	6	15
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	5.30	1.54	186	1.90	14.0	110
OREAS 13b (4-Acid) Meas				1.15												
OREAS 13b (4-Acid) Cert				1.2												
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 224 Meas																
OREAS 224 Cert																
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 20	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	2	< 2	< 20	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 20	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	1	< 2	< 20	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																



**Date Submitted:** 22-May-18  
**Invoice No.:** A18-06714  
**Invoice Date:** 01-Jun-18  
**Your Reference:**

**Mark Brazeau**  
**528 Mountjoy South**  
**Timmins Ontario**  
**Canada**

**ATTN: Mark Brazeau**

## CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT      **A18-06714**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1  
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Activation Laboratories Ltd.

Report: A18-06714

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Sample 01	7	0.4	< 0.5	225	2270	< 1	17	< 2	62	2.64	< 2	< 10	53	< 0.5	< 2	1.99	72	33	9.45	< 10	< 1	0.21	< 10
Sample 02	5	3.8	< 0.5	> 10000	465	15	9	64	36	0.96	< 2	< 10	13	< 0.5	46	2.42	5	23	2.83	< 10	< 1	< 0.01	< 10
Sample 03	24	7.6	< 0.5	> 10000	109	1	8	51	112	0.42	< 2	< 10	< 10	< 0.5	< 2	0.07	8	43	5.08	< 10	< 1	0.05	< 10
Sample 04	70	22.1	< 0.5	> 10000	260	2	375	2610	132	0.88	2	< 10	< 10	< 0.5	35	0.52	120	112	5.61	< 10	< 1	0.02	< 10
Sample 05	13	3.8	0.6	> 10000	570	< 1	23	64	154	0.82	< 2	< 10	13	< 0.5	< 2	4.04	11	36	5.65	< 10	< 1	0.06	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Sample 01	1.11	0.412	0.065	2.07	3	13	35	0.14	< 20	2	< 2	< 10	82	< 10	5	5
Sample 02	0.19	0.020	0.012	1.45	< 2	1	15	< 0.01	< 20	5	< 2	< 10	13	< 10	2	2
Sample 03	0.16	0.024	0.023	3.75	3	1	7	< 0.01	< 20	1	< 2	< 10	12	< 10	< 1	4
Sample 04	0.38	0.030	0.018	3.87	3	2	16	0.03	< 20	< 1	< 2	< 10	21	< 10	1	4
Sample 05	0.77	0.020	0.019	2.15	< 2	3	29	< 0.01	< 20	1	< 2	< 10	22	< 10	6	4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		30.4	2.5	1190	937	15	28	730	671	0.31	398	11	301	0.9	1530	0.76	4	8	21.2	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-1 Meas		29.5	2.6	1130	913	14	29	695	644	0.29	378	10	251	0.8	1470	0.72	5	7	19.8	< 10	5	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-6 Meas		< 0.2	< 0.5	76	1100	1	16	95	108	6.02	236	< 10	1100	0.9	< 2	0.14	11	82	4.70	20	< 1	1.01	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		< 0.2	< 0.5	67	1120	1	17	98	110	6.05	240	< 10	1080	0.9	< 2	0.15	11	83	4.72	20	< 1	1.04	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	486	1290				> 5000	> 10000		221						87		10.2				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		95.4	289	314				> 5000	> 10000		135		13				18		6.80				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600. 00	106000 .00		140		59				23		7.92				
OREAS 203 Meas	856																						
OREAS 203 Cert	871																						
OREAS 224 Meas	2140																						
OREAS 224 Cert	2150.0 00																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.052	0.039	0.21	81	1	174	< 0.01	< 20	12	< 2	32	69	136	25	15
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-1 Meas	0.13	0.048	0.035	0.20	77	1	160	< 0.01	< 20	15	< 2	29	68	138	24	14
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-6 Meas	0.38	0.083	0.030	0.01	5	22	33		< 20	< 1	< 2	< 10	148	< 10	6	14
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.38	0.086	0.031	0.02	3	23	34		< 20	< 1	< 2	< 10	144	< 10	6	14
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				15.0												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.3	126											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 203 Meas																
OREAS 203 Cert																
OREAS 224 Meas																
OREAS 224 Cert																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1





**Date Submitted:** 22-May-18  
**Invoice No.:** A18-06714-Cu  
**Invoice Date:** 12-Jun-18  
**Your Reference:**

**Mark Brazeau**  
**528 Mountjoy South**  
**Timmins Ontario**  
**Canada**

**ATTN: Mark Brazeau**

## CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A18-06714-Cu**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1  
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.001
Method Code	ICP- OES
Sample 02	1.88
Sample 03	3.94
Sample 04	2.95
Sample 05	2.32

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.001
Method Code	ICP- OES
MP-1b Meas	3.02
MP-1b Cert	3.07
CZN-4 Meas	0.404
CZN-4 Cert	0.403
OREAS 95 (AR Assay) Meas	2.52
OREAS 95 (AR Assay) Cert	2.55
CCU-1e Meas	22.7
CCU-1e Cert	22.9
Sample 04 Orig	2.94
Sample 04 Dup	2.96
Method Blank	< 0.001



**Date Submitted:** 29-Jun-18  
**Invoice No.:** A18-08395  
**Invoice Date:** 12-Jul-18  
**Your Reference:** Fault Line Minerals

**Mark Brazeau**  
**528 Mountjoy South**  
**Timmins Ontario**  
**Canada**

**ATTN: Mark Brazeau**

## CERTIFICATE OF ANALYSIS

1 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A18-08395**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized and somewhat cursive.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1  
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

**Results**

**Activation Laboratories Ltd.**

**Report: A18-08395**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Sample #1	49	17.0	< 0.5	> 10000	283	1	12	1560	57	0.81	< 2	< 10	18	< 0.5	39	0.14	4	41	2.86	< 10	< 1	0.07	< 10



Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Sample #1	1.17	0.031	0.020	1.90	< 2	2	12	0.04	< 20	7	< 2	< 10	26	< 10	2	5

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		30.5	3.1	1200	944	15	26	670	647	0.33	413	< 10	219	0.6	1320	0.75	5	5	20.7	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-6 Meas		< 0.2	< 0.5	72	1150	1	16	95	118	6.36	264	< 10	721	0.7	< 2	0.13	10	65	4.84	20	< 1	0.92	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	497	1360				> 5000	> 10000		230						80		9.99				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		95.9	254	322				> 5000	> 10000		141		< 10				16		6.68				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 218 Meas	504																						
OREAS 218 Cert	531																						
OREAS 224 Meas	2060																						
OREAS 224 Cert	2150																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.053	0.043	0.19	73	< 1	180	< 0.01	< 20	12	< 2	28	64	142	20	15
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-6 Meas	0.40	0.084	0.035	0.02	3	17	33	< 20	< 1	< 2	< 10	138	< 10	4	16	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				11.9												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				8.12	119											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 224 Meas																
OREAS 224 Cert																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

## Recommendations/Conclusions

Sampling and prospecting of area continues to try and find extensions of system,  
To date promising assays across approximately 2000 feet of vein has returned promising assays.

## QUALAFICATIONS AND DECLARATION OF COSTS

### QUALIFICATIONS

I MARK BRAZEAU BEING A SEASONED PROSPECTOR FO THIRTY YEARS HAVING WORKED IN VARIOUS FIELDS OF THE MINING INDUSTRY FROM GEOPHYSICS TO MILLWRIGHT, UDERGROUND AND SURFACE DIAMOND DRILLER EQUIPMENT OPERATOR TRUCK DRIVER AND WORKED IN MINE REHABILITATION ALSO WORKED IN FORESTRY.

VICTOR WARFORD OF SOUTH PORCUPINE ALSO SEASONED PROSPECTOR OF TWENTY YEARS PLUS ALSO WORKS IN MINING INDUSTRY IN VARIOUS DEPARTMENTS.

### DECLARATION OF COST

**9 days**

May 20 2018 to May 29 2018

Mark Brazeau 9 x \$350.00 =	<b>\$3150.00</b>
Victor Warford 9 x \$300.00=	<b>\$2700.00</b>
Gas 486km x0.50=	<b>\$243.00</b>
<b>Assays</b> INVOICE NUMBER A17-13867	<b>\$ 113.00</b>
A18-06714	<b>\$ 271.48</b>
A18-08395	<b>\$ 113.00</b>
<b>Total assays</b>	<b>\$497.00</b>
REPORT 2 DAYS X \$350.00	<b>\$ 700.00</b>

**TOTAL, \$7290.00**