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# Melema Prospect



2018 Prospecting Season

#### Introduction

Traxxin Resources Inc. focused its 2018 prospecting season on the continuation of the Melema Prospect which was commenced during 2017. The Melema Prospect began as a broad exploration program covering a magnetic structure interpreted from large scale surveys completed on the area. A quartz vein and subsequent mineralization zone were discovered and became the main areas of focus.

In 2018, Traxxin carried out 4 trips to the Melema Prospect claim group; a short week in early April, an extended week in May, an extended week in late July into August, and a short week in September. During the trips, a small scale manual stripping program was completed to expose the main mineralization zone. The area was thoroughly assayed and a map of the exposure composed. Traxxin also continued to prospect northward along the main north-east trending magnetic structure and continued to find mineralization approximately 2km further along strike. This is reflected in the extension of the claim group.

As of February 24<sup>th</sup>, 2019 the Melema Prospect claim group consists of a total of 156 claim units.

#### **Location and Access**

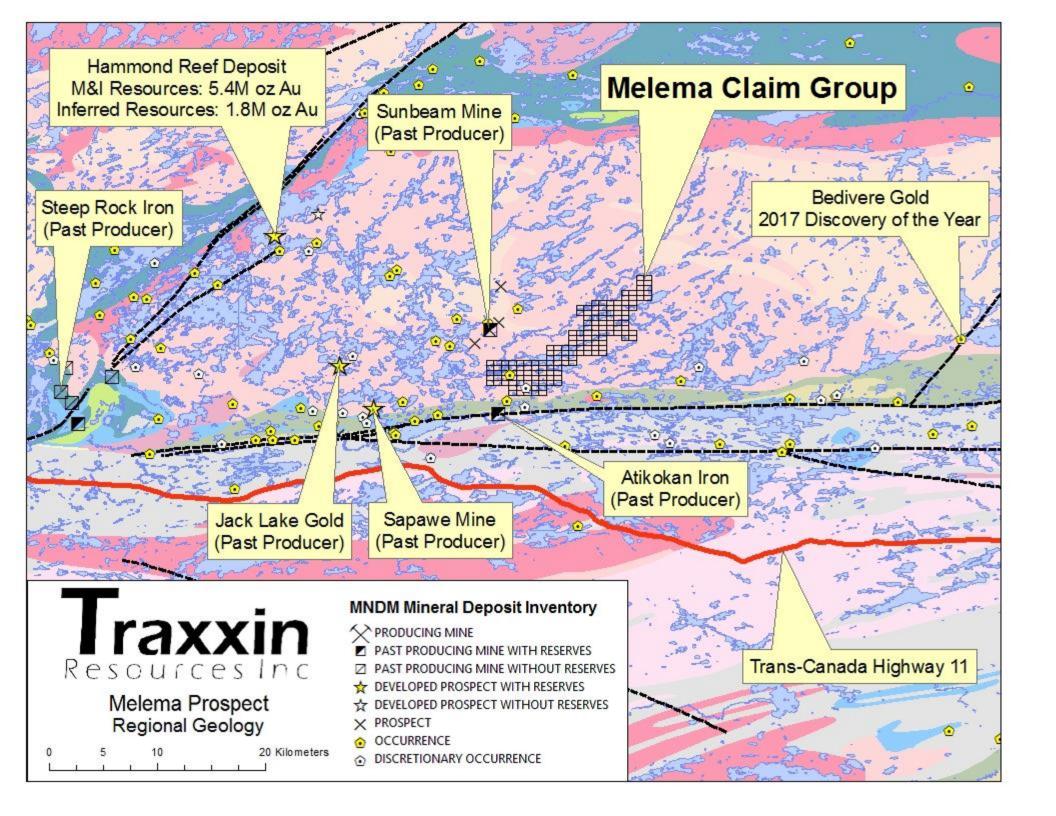
The Melema Prospect area is located in the Townships of Hutchinson, Trottier, and Bellmore Lake Area. It is approximately 5km North of Sapawe, 30km East of Atikokan and 160km West of Thunder Bay in North-Western Ontario.

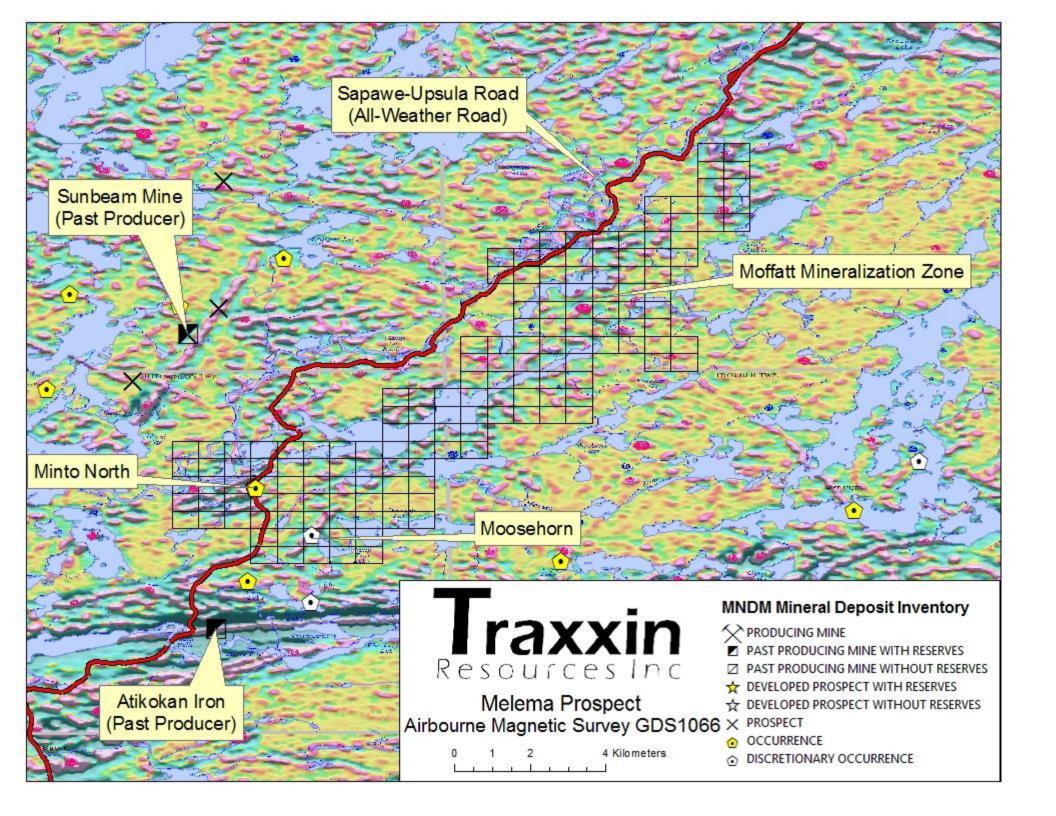
The Melema Project is accessed by Trans-Canada Highway 11 and heading North at the Sapawe Junction. The Sapawe-Upsula Road is a well maintained all-weather gravel road and runs along Melema Lake. The main mineralization zone is located at the center of the claim group and is accessed by vehicle using the Sapawe-Upsula Road then by abandoned but drivable logging road. The showing is a 150m hike along a flagged foot trail littered with quartz boulders. The northern extension begins at the abandoned logging road.

The Minto north showing is visible from the Sapawe-Upsula Road approximately at the 9km marker and is a short hike to the exposed vein. The Moose Horn showing is located at the southern portion of the claim group. It is accessed by driving along the Sapawe-Upsula Road to the White Lily Road then by bush trail approximately 600m.

#### **Melema Prospect Claim Group**

The Melema Claim Group consists of 156 claims units covering over 3000 hectares. All claims are recorded in the Thunder Bay Mining Division. The project area is located in Hutchinson and Trottier Townships, and Bellmore Lake Area. The claims are currently held in good standing by Michael Frymire and Adam Schneider of Traxxin Resources Inc. located in Stratford, Ontario. A list of all claims included in the group is attached.





#### **Regional Geology**

The Atikokan Area consists of Early Precambrian Rocks of the **Superior Structural Province** and includes portions of the Wabigoon and Quetico Subprovinces. The East-West trending Quetico Fault is the most prominent regional structure and divides the two Subprovinces.

The Quetico Subprovince, to the south of the Quetico Fault, is dominated by a continuous belt of metasediments consisting of metamorphosed wackes, argillites, and carbonaceous sediments (Pirie 1978; Fumerton 1979).

North of the Quetico Fault is the **Wabigoon Subprovince** which consists of narrow metavolcanic belts and two major granitic batholiths.

The Dashwa Lake Batholith in the western half of the area is composed of mainly biotite and hornblende granite, quartz monzonite, quartz diorite, and granite gneiss (Fenwick 1976; Fumerton 1979). The **Marmion Lake Batholith** consists of a complex of foliated granitic rocks including tonalite, trondjhemite, granodiorite, quartz monzonite, quartz diorite and amphibolite. It has a gneissic core which contains numerous massive intrusions (Schnieders, Dutka 1985).

The Quetico Fault is most significant regional structure and extends for over 300km from Fort Frances to Lac Des Mille Lac. It is interpreted as a right-lateral (dextral) fault (Wilkinson 1982). **Secondary lineaments and faults trending north-northeast** splay off the Quetico Fault and can be traced for up to 80km.

The Melema Prospect lies within the central portion of the Marmion Lake Batholith, north of the metavolcanics, along a north-northeast trending structure.

#### Gold Mineralization in the Atikokan Area

Gold occurrences are common in the Atikokan area and can be classified into three general types of mineralization.

- Marmion Lake Batholith Type. These occurrences are located within the gneissic core of the batholith and are associated with north-northeast trending lineaments which represent faults or shear zones. Gold mineralization is concentrated in quartz/quartz carbonate veins hosted by altered, massive and medium grained tonalite. East-southeast lineaments commonly intersect the north-northeast lineaments near gold occurrences.
- II) **Contact Zone Type**. These quartz-carbonate veins occur within shear zones located at or near the contacts of batholiths and metavolcanic belts.
- III) **Metavolcanic-Hosted, Stratabound Type**. This gold mineralization is found in quartz-carbonate veins which are hosted by shear zones/fracture zones in chemical sedimentary, and altered metavolcanic and mafic rock types.

In all three types of mineralization, gold is concentrated in quartz and quartz carbonate veins and is commonly associated with silver and copper mineralization. Gold enrichment is interpreted to be multistage and is a combination of some or all of:

- I) Deposition or emplacement of the host granitic rock into the country rock
- II) Alteration of the host granitic rock by hydrothermal solutions and formation of the veins
- III) Hydrothermal mobilization of gold and its ultimate deposition in the veins

(Wilkinson 1982).

#### **Previous Work**

Aside from large-scale airborne magnetic, gradiometer and VLF-EM surveys of the claim group, minimal exploration work has been completed.

Reports show a brief exploration program was completed by Fern Elizabeth Gold Mining Company Limited in 1981 which included stripping and trenching of a target area including a quartz-carbonate vein. Assay results returned 0.01oz/ton Au and 0.13oz/ton Ag (Schnieders, Dutka 1985) from the Moose Horn Discretionary Occurrence which is located in the southernmost claim block of the group.

The area was visited again in the fall of 1998 by E. Mosey and M. Wicheruk, who were prospecting the area around the historic Minto Mine. They discovered another shear zone 150m west of Moosehorn including a NE striking quartz vein approximately 12" wide. Grab samples assayed from this area returned 980ppb Au and 1082ppb Au (1489ppb Au check).

During the 2017 prospecting season, Traxxin completed a broad exploration program along the magnetic trend line passing through Melema Lake. This included revisiting the Moosehorn Discretionary Occurrence, and the shear zone to the west as well as revisiting the North Minto Showing.

A quartz vein and mineralization zone were discovered in the northern portion of the claim group and became the focal point for the remainder of the season. The quartz vein assays returned anomalous Ag and Cu values (MF3041 [12.5ppm Ag, 2230ppm Cu], MF30411 [13.4ppm Ag, 3250ppm Cu]), there was a small deep red quartz portion of the vein which yielded significant Ag and Cu values and substantial Au values, 3400ppb (MF2055B). Toward the end of the season after guidance from Thunder Bay North District Geologist Dorothy Campbell, a ridge of granite alteration was sampled and yielded the highest gold assay results (up to 5.84g/t Au).

#### **Current Work**

Traxxin began its prospecting season in early April of 2018 with its first trip centralized on locating the bedrock from which the 5.8g/ton Au float sample was taken. A winter ice storm had done considerable damage to the abandoned logging road and made driving impossible. As so Traxxin snowshoed in to the new granite ridge showing, which was south facing, and were able by chance to locate and expose a small portion of the bedrock which was interpreted as the source of the sample from September. Multiple grab samples were taken from this location.

In May of 2018, Traxxin returned to the property and began working to clear the logging road of the downed trees and limbs caused by the ice storm. Once the road was again drivable, a small scale manual/hand stripping program was completed to expose the area of alteration found in April. The property was revisited by District Geologist Dorothy Campbell. The new outcrop was documented, sampled and mapped by hand in the field.

Returning to the property in July of 2018, Traxxin continued to expand the outcrop by hand. More encouraging assay results more being found and are summarized and an updated outcrop map are shown in the following sections. Also a small prospecting program was completed along the main north-eastern overall trend and another ridge of granite alteration was discovered. This new area was sampled.

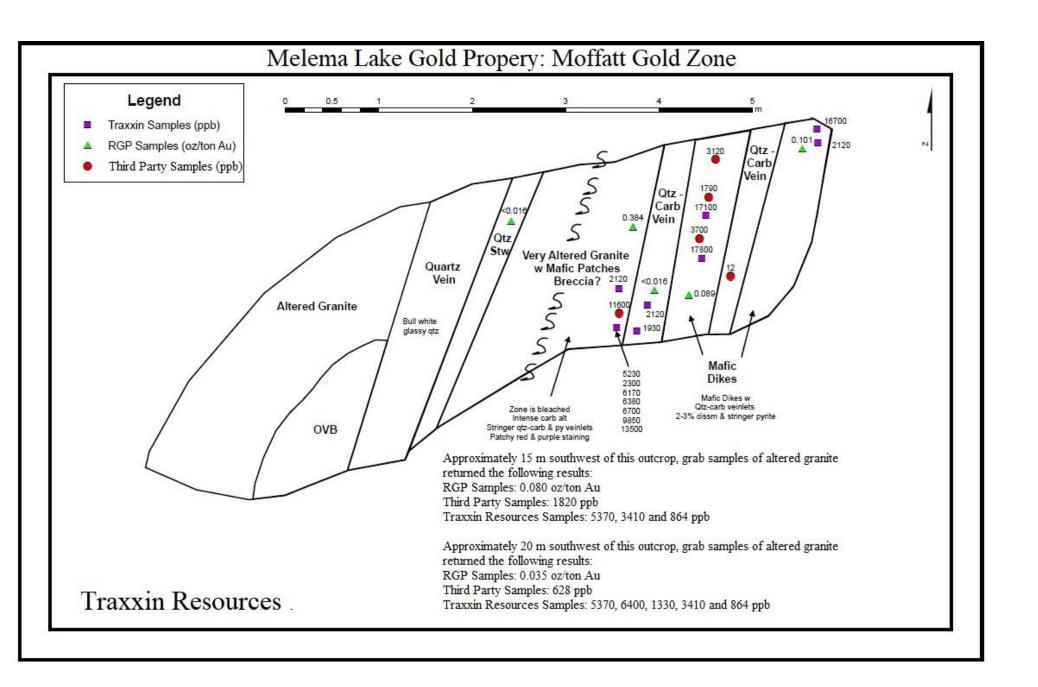
Traxxin closed out the 2018 prospecting season in September of 2018 and welcomed outside parties to visit the property. Traxxin was also joined again by District Geologist Dorothy Campbell. The Minto North Showing, Moffatt Gold Showing and Melema North Zone were all revisited repeatedly during this trip.

## Assay Results from 2018:

Sample	Au_ppb	Au_gpt
MEL 2066A	991	
MEL 2066B	22	
MEL 2068	572	
MEL 2071A	< 5	
MEL 2071B	178	
MEL 2072A	< 5	
MEL 2072B	303	
MEL 2073	8	
MEL2067 A	2850	
MEL2067 B	> 5000	6.7
MEL2067 C	> 5000	6.38
MEL2069 A	1430	
MEL2069 B	> 5000	6.4
MEL2061Z2	1930	
MEL2061Z3B	> 5000	13.5
MEL2061Z3A	334	
MEL2061Z3C	2300	
MEL2061Z3D	> 5000	5.23
MEL2061Z3E	1080	
MEL2061Z4A	2120	
MEL2061Z5A	> 5000	17.8
MEL2061Z5B	> 5000	17.1
MEL2061Z6	71	
MEL2061Z7A	2120	
MEL2061Z7B	> 5000	16.7

Sample	Au_ppb	Au_gpt
MEL3041P	110	
MEL2065CA	> 5000	5.37
MEL2065CB	864	
MEL2065CC	3410	
MEL2076	28	
MEL2078	14	
MEL2079	19	
MELM 301	3090	
MELM 302	26	
MELM 303	1650	
MELM 304	142	
MELM 305	> 5000	12.2
MELNS 301	437	
MELNS 302	718	
MELNS 303	28	
MELNS 304A	22	
MELNS 304B	20	
MELNS 305A	135	
MELNS 305B	< 5	
MELNS 305C	80	
MELNS 306	< 5	
MELNS 307	< 5	
MELNS 308A	26	
MELNS 308B	58	

<sup>\*</sup>Note: samples were only fire assayed



#### **Conclusions and Recommendations**

"

Further exploration is warranted along the Minto structural trend given the fact that there is gold in the quartz vein(s) - shear system, pervasive alteration and it has significant size, representing a major regional structure that is parallel to subparallel to the Melema Lake structure. Historical and recent sampling indicate a wide range of gold values at Minto North ranging from anomalous up to 1298.2 ppb Au (samples collected by RGP staff in 2018); 3650 ppb Au, 6330 ppb Au (Wicheruk/Freewest 1997); 0.05 to 0.10 oz/t Au (Oja 1990). Although gold production was limited at the Minto Mine (Minto South), there is 500 m between the Minto South and Minto North occurrences that is virtually unexplored. The best assay collected by RGP staff was from a sample of quartz vein with stringer pyrite and Oja (1990) also noted the best assay values were from samples that had sulphide mineralization, thereby making an induced polarization (IP) survey an excellent exploration tool.

The new Melema Lake gold discoveries are worthy of further exploration. A program consisting of mechanical trenching and stripping, washing and channel sampling is recommended. This gold occurrence is associated with quartz veining within altered and sheared tonalite to granodiorite within a regional northeast-trending structure. Alteration consists of albitization, chloritizaton, silicification and carbonate alteration with accessory disseminated and stringer pyrite, chalcopyrite and fuchsite. Similar to the Minto North occurrence, better gold values appear to be obtained from samples with sulphide mineralization.

The Melema Lake gold occurrences are excellent targets as they are located on a structural splay off the main Quetico fault zone that has garnered virtually no previous exploration. Grab samples from a 3.5 m wide section at the Main Melema occurrence returned gold values ranging from anomalous up to 17.8 g/t Au, with 16 of 30 samples returning values >3 g/t Au. Follow up stripping and sampling is recommended on the North Melema extension in the area where samples 18DCNM005 and 18DCNM006 were collected and returned 0.248 ppm Au and 0.963 ppm Au respectively. Due to the length of the Melema structure (up to 16 km), soil sampling and IP is recommended to find areas with potential ore shoots.

" (D. Campbell 2019)

Category	Date	Payee	Description	Amount
Prospecting	1-Apr-18	4 Prospectors	300/day/prospector	1200
	2-Apr-18	4 Prospectors	300/day/prospector	1200
	3-Apr-18	4 Prospectors	300/day/prospector	1200
	12-May-18	4 Prospectors	300/day/prospector	1200
	13-May-18	4 Prospectors	300/day/prospector	1200
	14-May-18	4 Prospectors	300/day/prospector	1200
	15-May-18	4 Prospectors	300/day/prospector	1200
	16-May-18	4 Prospectors	300/day/prospector	1200
	17-May-18	4 Prospectors	300/day/prospector	1200
	18-May-18	4 Prospectors	300/day/prospector	1200
	24-Jul-18	2 Prospectors	300/day/prospector	600
	25-Jul-18	2 Prospectors	300/day/prospector	600
	26-Jul-18	4 Prospectors	300/day/prospector	1200
	27-Jul-18	4 Prospectors	300/day/prospector	1200
	28-Jul-18	4 Prospectors	300/day/prospector	1200
	29-Jul-18	4 Prospectors	300/day/prospector	1200
	30-Jul-18	4 Prospectors	300/day/prospector	1200
	31-Jul-18	4 Prospectors	300/day/prospector	1200
	1-Aug-18	4 Prospectors	300/day/prospector	1200
	2-Aug-18	4 Prospectors	300/day/prospector	1200
	3-Aug-18	4 Prospectors	300/day/prospector	1200
	4-Aug-18	4 Prospectors	300/day/prospector	1200
	10-Sep-18	4 Prospectors	300/day/prospector	1200
	11-Sep-18	4 Prospectors	300/day/prospector	1200
	12-Sep-18	4 Prospectors	300/day/prospector	1200
			Subtotal	28800

Report			
Creation	25-Feb-19	300/day/7days	2100

Category	Date	Payee	Description	Amount
		Michael Frymire, Adam		
Transportation	31-Mar-18	Schneider	1800 km/ \$0.50/km	900
		Michael Frymire, Adam		
	4-Apr-18	Schneider	Flights	291.96
		Michael Frymire, Adam		
	1-May-18	Schneider	Flights (2 way)	817
		Michael Frymire, Adam		
	11-May-18	Schneider	1800 km/ \$0.50/km	900
		Michael Frymire, Adam		
	20-May-18	Schneider	1800 km/ \$0.50/km	900
		Michael Frymire, Adam		
	23-Jul-18	Schneider	1800 km/ \$0.50/km	900
		Michael Frymire, Adam		
	25-Jul-18	Schneider	1800 km/ \$0.50/km	900
		Michael Frymire, Adam		
	5-Aug-18	Schneider	3600 km/ \$0.50/km	1800
		Michael Frymire, Adam		
	9-Sep-18	Schneider	Flights	587.88
		Michael Frymire, Adam		
	10-Sep-18	Schneider	100 km/\$0.50/km	50
		Michael Frymire, Adam		
	11-Sep-18	Schneider	100 km/\$0.50/km	50
		Michael Frymire, Adam		
	12-Sep-18	Schneider	100 km/\$0.50/km	50
		Michael Frymire, Adam		
	9-Sep-18	Schneider	Cab	49.25
		Michael Frymire, Adam		
	12-Sep-18	Schneider	Parking	120
			Subtotal	8316.09

Category	Date	Payee	Description	Amount
		Michael Frymire, Adam		
Food	24-Mar-18	Schneider	Zehrs	120.26
		Michael Frymire, Adam		
	31-Mar-18	Schneider	Tim Hortons	20.99
		Michael Frymire, Adam		
	2-Apr-18	Schneider	Pizza	61.14
		Michael Frymire, Adam		
	4-Apr-18	Schneider	Burger King	41.54
		Michael Frymire, Adam		
	11-May-18	Schneider	Groceries	250.5
		Michael Frymire, Adam		
	11-May-18	Schneider	Subs	28.44
		Michael Frymire, Adam		
	18-May-18	Schneider	White Otter Inn	42.48
		Michael Frymire, Adam		
	19-May-18	Schneider	Little Caesars	21.76
		Michael Frymire, Adam		
	15-Jul-18	Schneider	Costco Groceries	265.62
		Michael Frymire, Adam		
	18-Jul-18	Schneider	Groceries	46.92
		Michael Frymire, Adam		
	22-Jul-18	Schneider	Groceries	151.1
		Michael Frymire, Adam		
	31-Jul-18	Schneider	68.10 + tip	82.1
		Michael Frymire, Adam		
	4-Aug-18	Schneider	Little Caesars	39.12
		Michael Frymire, Adam		
	9-Sep-18	Schneider	Groceries	74.77
		Michael Frymire, Adam		
	9-Sep-18	Schneider	Little Caesars	23.35
		Michael Frymire, Adam		
	12-Sep-18	Schneider	Airport meal	28.25
			Subtotal	1298.34

Category	Date	Payee	Description	Amount
		Michael Frymire, Adam		
Assays	10-Apr-18	Schneider	Purolator	28.92
		Michael Frymire, Adam		
	13-Apr-18	Schneider	Purolator	46.99
		Michael Frymire, Adam		
	24-Apr-18	Schneider	ActLabs	261.71
		Michael Frymire, Adam		
	10-May-18	Schneider	ActLabs	240.69
		Michael Frymire, Adam		
	31-May-18	Schneider	Purolator	30.01
		Michael Frymire, Adam		
	26-Jun-18	Schneider	ActLabs	775.8
		Michael Frymire, Adam		
	15-Aug-18	Schneider	Purolator	41.73
		Michael Frymire, Adam		
	18-Sep-18	Schneider	ActLabs	581.84
			Subtotal	2007.69
		Michael Frymire, Adam		
Supplies	13-Mar-18	Schneider	Dollarama	14.11
		Michael Frymire, Adam		
	8-May-18	Schneider	KW Surplus	20.34
		Michael Frymire, Adam		
	11-May-18	Schneider	Tarps, Rope	79.39
		Michael Frymire, Adam		
	14-Jul-18	Schneider	Matches, Tarp	12.42
		Michael Frymire, Adam		
	15-Jul-18	Schneider	Dollarama	57.27
		Michael Frymire, Adam		
	22-Jul-18	Schneider	Batts, Chainsaw oil	24.84
		Michael Frymire, Adam		
	22-Jul-18	Schneider	KW Surplus	16.32
		Michael Frymire, Adam		
	8-Sep-18	Schneider	Maps	33.22
			Subtotal	257.91
			<b>GRAND TOTAL</b>	42780

**Prospectors Double Assessment Credit: X 2** 

**Grand Total: \$85,560** 

#### **Works Referenced**

Fenwick, K.G. 1976. **Geology of the Finlayson Lake Area**, District of Rainy River; Ontario Division of Mines, Geoscience Report 145, 86p.

Fumerton, S.L. 1979. **The Righteye Lake Area**, District of Rainy River; Ontario Geological Survey, Miscellaneous Paper 90, 245p.

Pirie, J 1978. **Geology of the Crooked Pine Lake Area**, District of Rainy River; Ontario Geological Survey, Report 179, 73p.

Schnieders, B.R., and Dutka, R.J. 1985. **Property Visits and Reports of the Atikokan Economic Geologists, 1979-1983**, Atikokan Geological Survey; Ontario Geological Survey, Open File Report 5539, 512p.

Wilkinson, S.J., 1982. **Gold Deposits of the Atikokan Area**; Ontario Geological Survey, Mineral Deposits Circular 24, 54p.

Campbell, D., 2019. **Melema Lake Gold Property**, Ontario Geological Survey; Resident Geologist Program, 25p.



## Innovative Technologies

**Date Submitted:** 10-Apr-18 **Invoice No.:** A18-04590

Invoice Date: 23-Apr-18

Your Reference:

**Traxxin Resources** 

ATTN: Mike Frymire

## **CERTIFICATE OF ANALYSIS**

8 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-04590** 

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Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

#### ACTIVATION LABORATORIES LTD.

1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
MEL 2066A	991
MEL 2066B	22
MEL 2068	572
MEL 2071A	< 5
MEL 2071B	178
MEL 2072A	< 5
MEL 2072B	303
MEL 2073	8

Report: A18-04590



## Innovative Technologies

Date Submitted: 11-Apr-18

Invoice No.: A18-04610
Invoice Date: 08-May-18

Your Reference:

**Traxxin Resources** 

ATTN: Mike Frymire

## **CERTIFICATE OF ANALYSIS**

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2 Au - Fire Assay AA

REPORT A18-04610

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Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

#### ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results Activation Laboratories Ltd. Report: A18-04610

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
MEL2067 A	2850	
MEL2067 B	> 5000	6.70
MEL2067 C	> 5000	6.38
MEL2069 A	1430	
MEL2069 B	> 5000	6.40

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-
		GRA
OREAS 214 Meas	2980	
OREAS 214 Cert	3030	
OREAS 214 Meas	2970	
OREAS 214 Cert	3030	
OREAS 214 Meas	2930	
OREAS 214 Cert	3030	
OREAS 216 (Fire		6.76
Assay) Meas		
OREAS 216 (Fire		6.66
Assay) Cert		
OREAS 218 Meas	515	
OREAS 218 Cert	531	
OREAS 218 Meas	516	
OREAS 218 Cert	531	
OREAS 218 Meas	541	
OREAS 218 Cert	531	
OREAS 229 (Fire		12.2
Assay) Meas		
OREAS 229 (Fire		12.1
Assay) Cert	5000	
MEL2067 C Orig	> 5000	
MEL2067 C Dup	> 5000	
Method Blank	5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03
Method Blank		< 0.03



## Innovative Technologies

Date Submitted: 18-May-18
Invoice No.: A18-06545
Invoice Date: 14-Jun-18
Your Reference: Sapawe

Benton Resources Inc. 684 Squier Street Thunder Bay ON P7B 4A8 Canada

ATTN: Nathan Sims (Inv)

## **CERTIFICATE OF ANALYSIS**

9 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A18-06545** 

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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:

Emmanuel Eseme , Ph.D. Quality Control

#### ACTIVATION LABORATORIES LTD.

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Results	Activation Laboratories Ltd.	Report: A18-06545
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	Al	As	В	Ва	Ве	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	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																					
390301	3120	5.6	0.9	1930	725	< 1	19	9	71	1.01	158	< 10	21	< 0.5	< 2	2.51	30	3	9.03	< 10	< 1	0.35	< 10
390302	1790	4.4	0.6	2120	772	< 1	32	12	107	1.80	135	< 10	27	< 0.5	< 2	1.86	30	3	10.5	< 10	3	0.18	< 10
390303	12	0.3	< 0.5	140	99	< 1	2	< 2	6	0.05	6	< 10	10	< 0.5	< 2	0.02	2	5	0.76	< 10	< 1	0.02	< 10
390304	> 5000	7.0	< 0.5	128	41	< 1	4	13	6	0.40	312	< 10	20	< 0.5	5	0.01	4	1	6.30	< 10	< 1	0.34	< 10
390305	42	< 0.2	< 0.5	9	514	< 1	33	< 2	10	0.25	65	< 10	25	< 0.5	< 2	2.97	8	9	1.77	< 10	< 1	0.07	< 10
390306	3700	2.2	0.7	578	717	< 1	11	22	77	1.53	99	< 10	20	< 0.5	< 2	2.17	22	< 1	14.3	< 10	2	0.35	< 10
390307	1820	0.8	< 0.5	835	936	< 1	33	3	53	1.29	13	< 10	45	< 0.5	< 2	3.58	40	3	7.86	< 10	2	0.24	< 10
390308	628	< 0.2	< 0.5	75	99	< 1	2	2	7	0.33	15	< 10	50	< 0.5	< 2	0.08	2	3	1.39	< 10	< 1	0.16	17
390309	42	4.1	< 0.5	775	97	< 1	5	6	41	0.17	8	< 10	37	< 0.5	< 2	0.07	2	5	0.84	< 10	< 1	0.09	< 10

## Results Activation Laboratories Ltd. Report: A18-06545

Analyte Symbol	Mg	Na	Р	S	Sb	Sc	Sr	Ti	Th	Te	TI	U	V	W	Υ	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	g/tonne							
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	FA- GRA															
390301	0.85	0.054	0.386	5.78	2	9	60	< 0.01	< 20	< 1	< 2	< 10	55	< 10	7	7	
390302	1.25	0.059	0.443	4.32	4	14	45	0.02	< 20	< 1	< 2	< 10	117	< 10	8	7	
390303	0.01	0.026	0.004	0.03	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	< 1	
390304	0.03	0.112	0.164	2.58	2	2	23	< 0.01	< 20	1	< 2	< 10	26	< 10	< 1	4	11.6
390305	1.09	0.141	0.021	0.06	< 2	4	77	< 0.01	< 20	< 1	< 2	< 10	5	< 10	2	6	
390306	0.61	0.048	0.430	4.13	5	7	57	0.04	< 20	< 1	< 2	< 10	129	< 10	5	5	
390307	0.99	0.061	0.258	2.02	4	12	44	0.05	< 20	< 1	< 2	< 10	26	< 10	10	5	
390308	0.02	0.102	0.034	0.31	< 2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	3	< 10	3	9	
390309	0.02	0.043	0.017	0.11	< 2	< 1	4	< 0.01	< 20	3	< 2	< 10	3	< 10	< 1	2	

Report: A18-06545

A alista Ossaala al	۸	۱۸	0-1	0	N 4	I.a.	N.I:	DI-	l	A.1	١, -	l <sub>D</sub>	In-	D-	ln:	0-	lo-	lo	I	0-	11	17	
<del> </del>	Au	Ŭ		_					Zn	Al		В		Be		Ca					Hg	K	La
	ppb		ppm	<u> </u>	ppm	ppm	ppm	• •	ppm	%	-	ppm		ppm	ppm	%	ppm	ppm	%		ppm	%	ppm
Lower Limit	5		0.5	•	5	1	1			0.01	2	10	10	0.5		0.01	1	1	0.01	10		0.01	10
Method Code	FA-AA					AR-ICP			AR-ICP	AR-ICP	AR-ICP	<b>-</b>	_									AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	72	1040	2	26	101	126	7.29	239	< 10		0.9	< 2	0.14	12	81	5.84	20	< 1	1.08	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80		1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6360	438	2	36	8	24	1.93	92		72	7.5	3	0.05	83	25	6.31	< 10		0.87	43
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2310	744	< 1	34	58	259	2.98	4		76	0.8	6	0.44	17	46	5.24	< 10		0.47	40
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4500	845	< 1	33	80	339	3.00	5		63	0.7	8	0.44	19	42	6.10	< 10		0.41	37
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 214 Meas	2970																						
OREAS 214 Cert	3030																						
OREAS 216 (Fire Assay) Meas	3030																						
OREAS 216 (Fire Assay) Cert																							
OREAS 218 Meas	528																						
OREAS 218 Cert	531																						
OREAS 215 (Fire Assay) Meas																							
OREAS 215 (Fire Assay) Cert																							
390303 Orig	12																						
390303 Dup	12																						
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																							

Analyte Symbol	Mg	Na	Р	S	Sb	Sc	Sr	Ti	Th	Те	TI	U	V	W	Υ	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	g/tonne							
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.03
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	FA- GRA
GXR-6 Meas	0.43	0.081	0.035	0.02	5	21	28		< 20	< 1	2	< 10	163	< 10	5	9	
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 904 (Aqua Regia) Meas	0.22		0.097	0.04	4	5	19		< 20		< 2	< 10	31		20		
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2		
OREAS 922 (AQUA REGIA) Meas	1.40	0.031	0.063	0.38	2	4	16		< 20		< 2	< 10	35	< 10	22	30	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	1.52		0.060	0.70	< 2	4	14		< 20		< 2	< 10	34	< 10	20	35	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 214 Meas																	
OREAS 214 Cert																	
OREAS 216 (Fire Assay) Meas																	6.55
OREAS 216 (Fire Assay) Cert																	6.66
OREAS 218 Meas																	
OREAS 218 Cert																	
OREAS 215 (Fire Assay) Meas																	3.35
OREAS 215 (Fire Assay) Cert																	3.54
390303 Orig																	
390303 Dup																	
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																	< 0.03



## Innovative Technologies

**Date Submitted:** 01-Jun-18 **Invoice No.:** A18-07186

Invoice Date: 25-Jun-18

Your Reference:

**Traxxin Resources** 

ATTN: Mike Frymire

## **CERTIFICATE OF ANALYSIS**

19 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Timmins Au - Fire Assay AA

REPORT **A18-07186** 

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.

CERTIFIED BY:

Emmanuel Eseme , 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	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
MEL2061Z2	1930	
MEL2061Z3B	> 5000	13.5
MEL2061Z3A	334	
MEL2061Z3C	2300	
MEL2061Z3D	> 5000	5.23
MEL2061Z3E	1080	
MEL2061Z4A	2120	
MEL2061Z5A	> 5000	17.8
MEL2061Z5B	> 5000	17.1
MEL2061Z6	71	
MEL2061Z7A	2120	
MEL2061Z7B	> 5000	16.7
MEL3041P	110	
MEL2065CA	> 5000	5.37
MEL2065CB	864	
MEL2065CC	3410	
MEL2076	28	
MEL2078	14	
MEL2079	19	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OXN117 Meas		7.84
OXN117 Cert		7.679
SN75 Meas		8.74
SN75 Cert		8.67
OREAS 218 Meas	516	
OREAS 218 Cert	531	
OREAS 224 Meas	2160	
OREAS 224 Cert	2150.0 00	
MEL2061Z6 Orig	68	
MEL2061Z6 Dup	74	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03
Method Blank		< 0.03



## Innovative Technologies

Date Submitted:

16-Aug-18

Invoice No.:

A18-11007

Invoice Date:

11-Sep-18

Your Reference:

**Traxxin Resources** 

ATTN: Mike Frymire

## **CERTIFICATE OF ANALYSIS**

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2 Au - Fire Assay AA

REPORT **A18-11007** 

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Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

#### ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Au	Au
ppb	g/tonne
5	0.03
FA-AA	FA- GRA
3090	
26	
1650	
142	
> 5000	12.2
437	
718	
28	
22	
20	
135	
< 5	
80	
< 5	
< 5	
26	
58	
	ppb 5 5 FA-AA 3090 26 1650 142 > 5000 437 718 28 22 20 135 < 5 80 < 5 26

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-
		GRA
SQ48 Meas		30.2
SQ48 Cert		30
OREAS 214 Meas	2950	
OREAS 214 Cert	3030	
OREAS 218 Meas	531	
OREAS 218 Cert	531	
OREAS 229 (Fire		12.0
Assay) Meas		
OREAS 229 (Fire		12.1
Assay) Cert		
MELM 305 Orig		12.0
MELM 305 Dup		12.5
MELNS 304A Orig	22	
MELNS 304A Dup	21	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03
Method Blank		< 0.03

# Melema Lake Gold Property



## Overview

Traxxin Resources

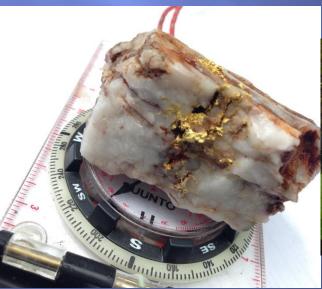
- Melema Lake Gold Project
  - Moffatt Gold Zone, North Melema Gold Occurrence, Minto Mine, Minto North Gold Occurrence, Moosehorn Occurrence
- Assays and Maps
- Next Steps for Property

#### Traxxin Resources

Prospecting throughout Ontario since 2007.

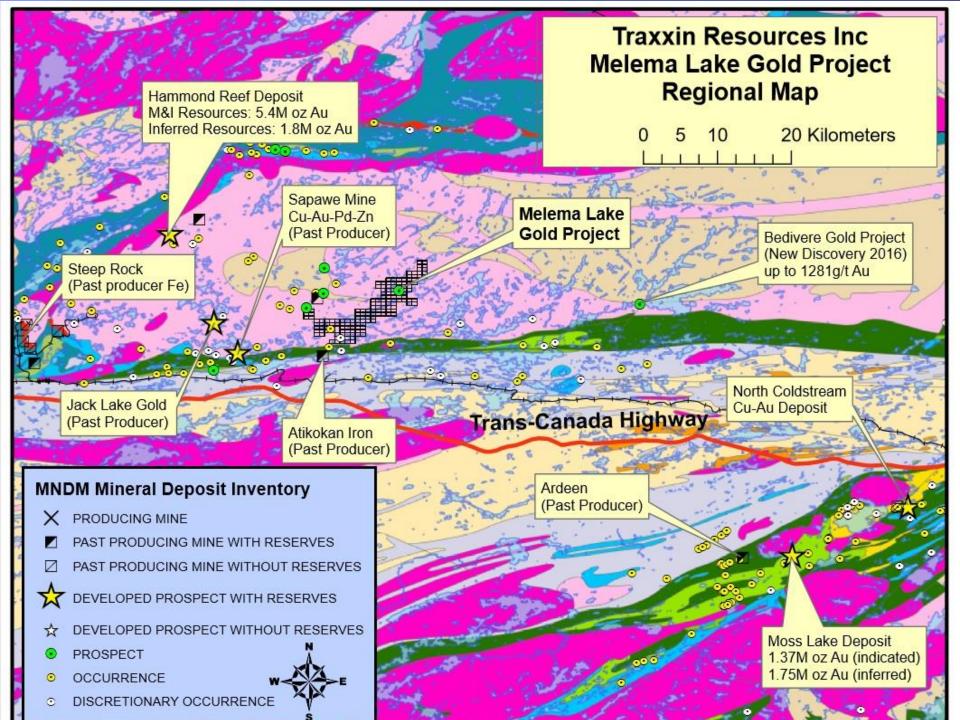
Awarded the 2017 Bernie Schnieders Discovery

of the Year for our Bedivere Lake Gold Project (currently under option to Benton Resources).









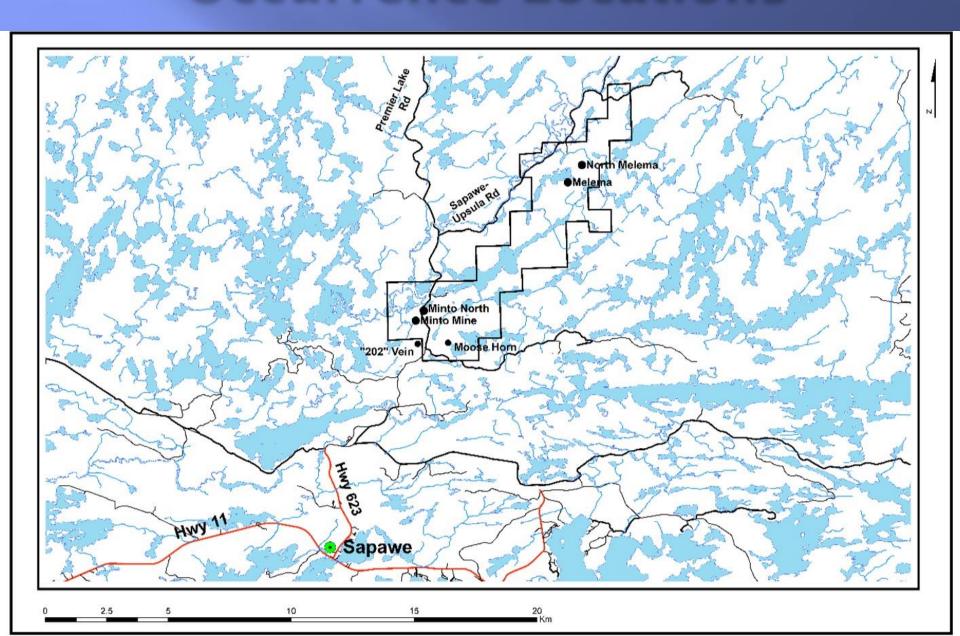
# Melema Lake Gold Project

Located approximately 30km east of Atikokan and is 20km southeast of the Hammond Reef.

- 156 claim blocks: 3200ha
  - Currently no other registered claims along whole structure.

- All claims in good standing until ~March 2021
  - Assessment work to date is \$90,000

### Occurrence Locations

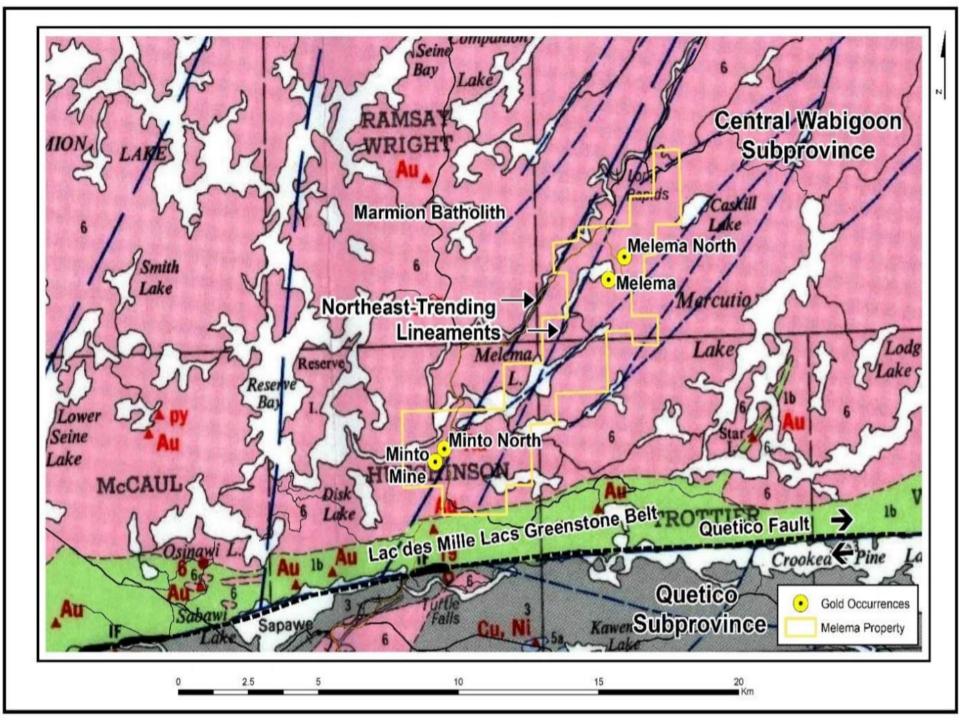


# Melema Lake Gold Project

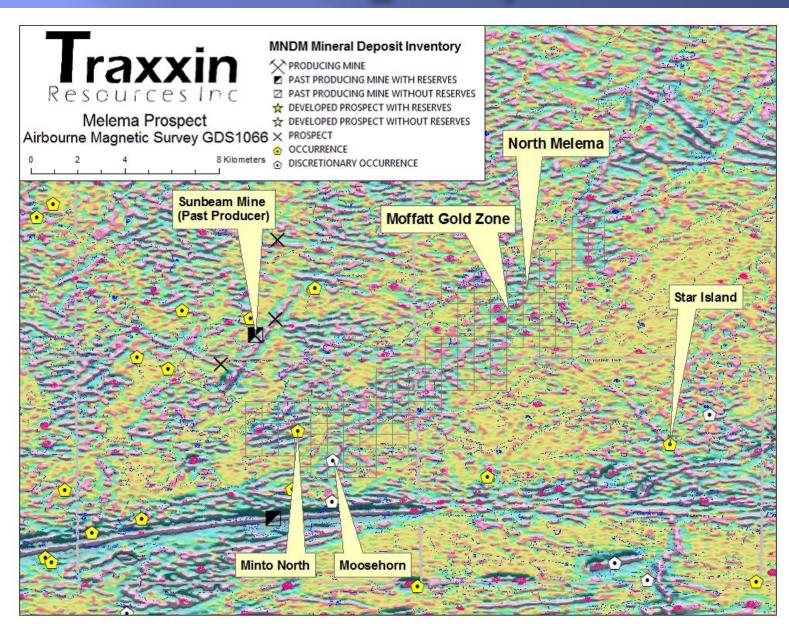
- 2 gold occurrences were discovered in 2017 and 2018 by Traxxin Resources.
  - Moffatt Gold Zone, North Melema Gold
- 16 of 30 samples from a 3.5m wide section of altered granite at the Moffatt Gold Zone were >3g au.
- No exploration work has been reported near the showings or on the Melema Lake Gold structure except for two gold occurrences to the south (Minto and Moosehorn).

# Gold Mineralization within the Marmion Batholith:

- Gold distribution is structurally related to north-northeast trending lineaments which are traceable for up to 80km
- These lineaments, which are expressed by shorelines, valleys, cliffs and drainage systems, represent faults or shear zones.
- A second set of east-southeast-trending lineaments, attributed to jointing, commonly intersect the north-northeast lineaments near gold occurrences.



# OGS Mag Map 2008



### Minto and Moosehorn





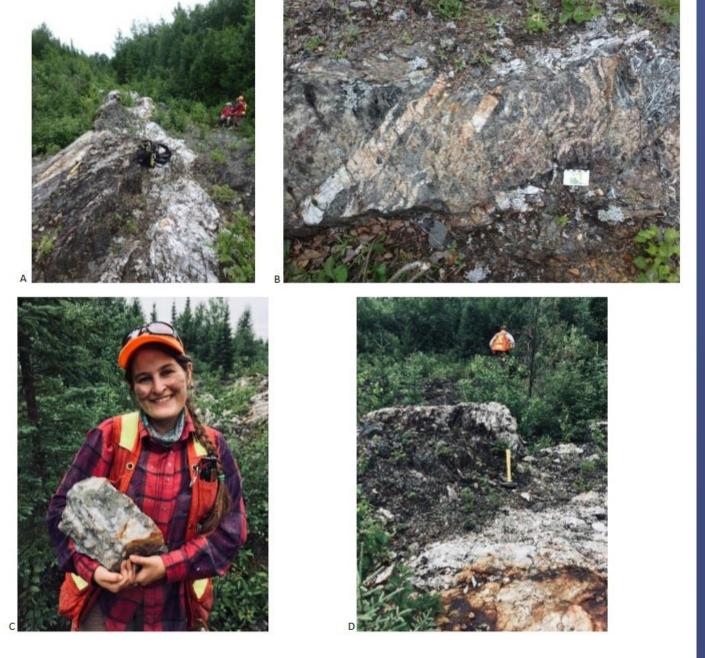
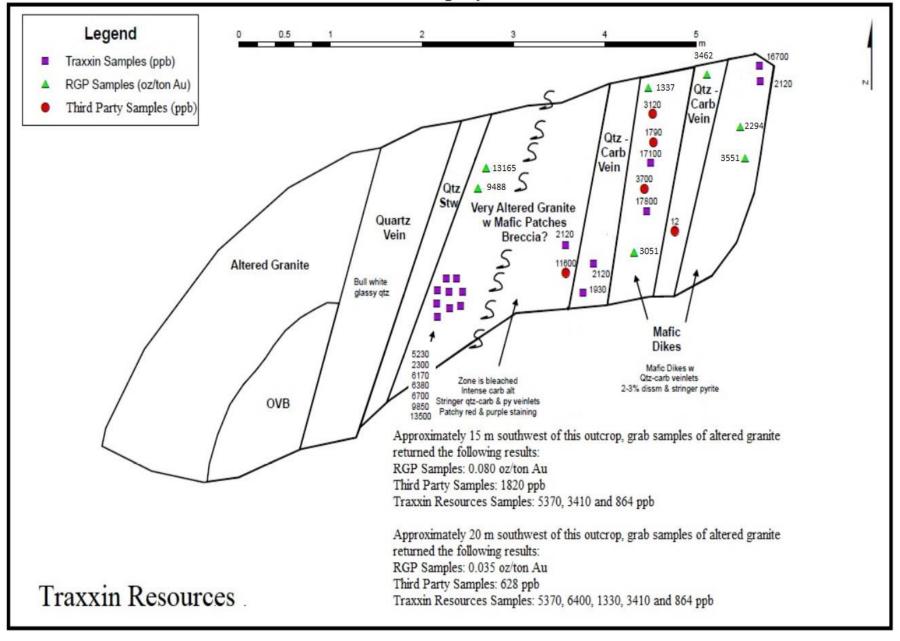


Figure 1. a) Contact between chlorite schist and highly fractured quartz vein at the Minto North occurrence (looking northeast). b) Tension veins indicating sinistral movement. c) RGP District Geological Assistant S. Hinz holding sample with pyrite stringers hosted by quartz. Grab sample from this location returned 1.3g/t Au. d) Sulphide patches and burns in the highly fractured quartz vein.

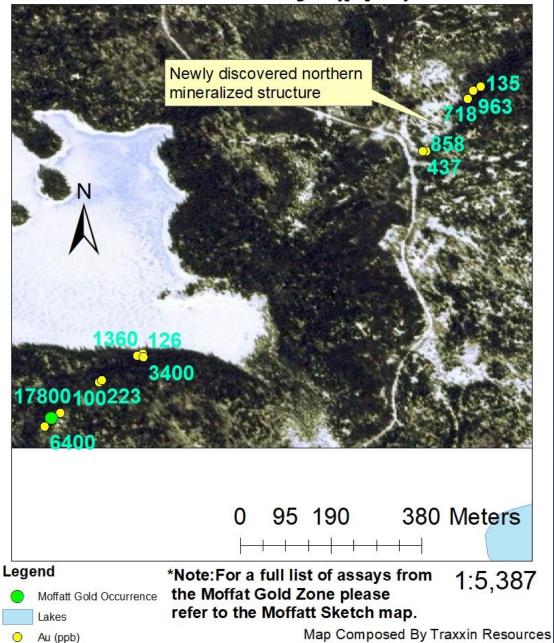
# Assays: Moffatt Gold Zone

June 2018		
Sample Number	Au(ppb)	Comments
MEL2061Z2	1930	granite altered mineralized
MEL2067Z3B	13,500	granite altered mineralized
MEL2067Z3A	334	qtz vein
MEL2067Z3C	2300	granite altered mineralized
MEL2067Z3D	5230	granite altered mineralized
MEL2067Z4A	1080	granite altered mineralized
MEL2067Z5A	2120	qtz vein with granite mineralized
MEL2067Z5B	17,800	granite altered mineralized
MEL2067Z6	17,100	granite altered mineralized
MEL2067Z7A	71	qtz vein
MEL2067Z7B	2120	granite altered mineralized
MEL3041P	16,700	granite altered mineralized
MEL2065CA	110	qtz vein
MEL2065CB	5,370	granite altered mineralized
MEL2065CC	3,410	granite altered mineralized

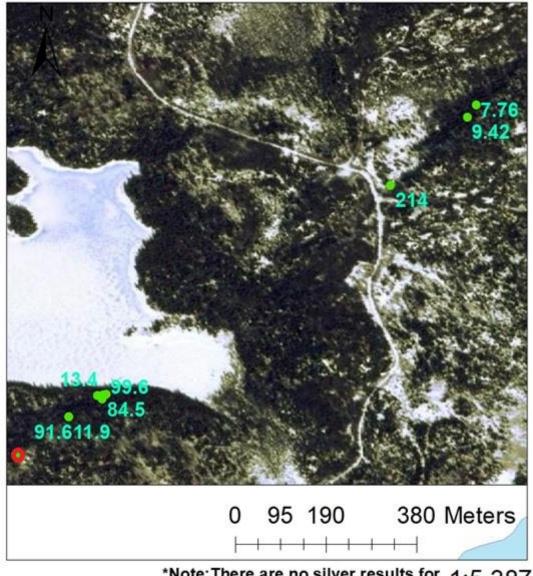
#### Melema Lake Gold Propery: Moffatt Gold Zone



#### Melema Lake Gold Property: Gold Assays(ppb)



#### Melema Lake Gold Property: Silver Assays(ppm)



Legend



\*Note: There are no silver results for 1:5,387 the Moffatt Gold Zone as all assays were fire assayed.

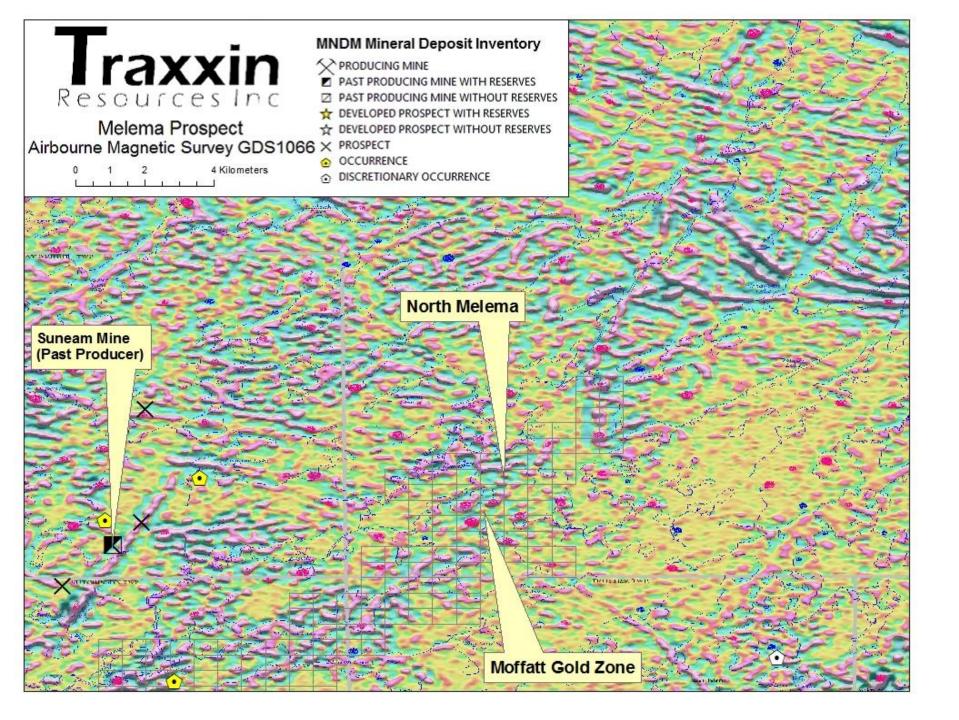












### **Next Steps**

- Mechanically strip, wash and channel sample the Moffatt Gold Zone and North Melema Zone
- Soil sampling and IP survey of the Melema Structure (16km)
- Prospecting program focused on area between Minto and Moffatt occurrences (8.3km) + North Melema
- Locate and test drill targets

#### Thank You!

• Questions and Comments?

- Traxxin Resources Personnel:
  - Mike Frymire
  - Adam Schneider
  - Katie Misener
  - Ian Kerslake