

Number/Numero:

PR-23-000215

This permit is issued under the authority of section 78.3 of the *Mining Act* and the Exploration Plans and Exploration Permits Regulation (O. Reg. 308/12). It is subject to the provisions of the Act and regulation as well as the terms and conditions included in this permit.

Ce permis est émis conformément aux dispositions de section 78.3 de la *Loi sur les mines* et des règlements et est sujet aux restrictions et dispositions de ce lois et règlements ainsi qu'aux conditions ci-énoncées.

**Note: The issuance of this permit does not relieve the applicant from the responsibility of acquiring any other agency, board, government, etc. approval as may be required nor does it relieve the permittee from the requirements of any other legislation or guarantee access to the land.**

**Remarque : La délivrance de ce permis n'exempte pas le demandeur de l'obligation d'obtenir l'autorisation de tout autre organisme, commission, gouvernement, etc. qui pourrait être exigée, n'exempte pas le titulaire des dispositions de toute autre loi et ne garantit pas l'accès à la terre.**

## Project Details/ Détails sur le projet

Project Name/ Titre du projet

Dotted Lake

Qualified Supervisor/Superviseur qualifié

Nicholas O'Reilly

## This Permit is issued to: Ce Permis est délivré a:

Name of Permittee:/Nom du détenteur:

Panther Metals (Canada) Ltd.

Mailing Address:/Adresse postale:

Suite 530, 355 Burrard Street, Vancouver, BC V6C 2G8

To conduct early exploration activities from/ Pour effectuer des activités d'exploration du (yyyy/mm/dd):

2024/07/18

to: 2027/07/17

On claim/lease/licence of occupation number(s):/Sur le numéro(s) du claim/bail/permis d'occupation:

541544, 541545, 541546, 541547, 541548, 541549, 541550, 541551, 548348, 548349, 548350, 548351, 548352, 548353, 548354, 548355, 548356, 548357, 548358, 548359, 548362, 548363, 548364, 548365, 548366, 550121, 550122, 550124, 550125, 550126, 550127, 550128, 550129, 550130, 600373, 600379, 600380, 600384, 600386, 600387, 600388, 600390, 600391, 600392, 600394, 600395, 600396, 600397, 600399, 600404, 600409, 600410, 600413, 600415, 600418, 600419, 600421

As per the project map(s) and Activity Details Report, all of which are attached hereto and which form part of this permit/  
Selon la/les carte(s) du projet et le Rapport Détaillé des Activités, tous qui sont attachés ici et qui forment partie du permis

for the purpose of Permit activities:

- Mechanized Drilling (assembled weight >150kg)/ Forage mécanisé (poids assemblé >150 kg)
- Mechanized Stripping (>100m<sup>2</sup> in 200m radius)/ Décapage mécanisé (>100 m<sup>2</sup> dans un rayon de 200 m)
- Pitting and Trenching (>3m<sup>3</sup> in 200m radius)/ Creusement de fosses et de tranchées (>3 m<sup>3</sup> dans un rayon de 200 m)
- Line Cutting (>1.5m width)/ Découpage des quadrillages (>1,5 m de largeur)
- Other (Early exploration activities for which Director has required a permit)/Autre (Activités d'exploration préliminaires pour laquelle le Directeur a demandé un permis):

for the purpose of Plan activities:

- Ground geophysical survey requiring a generator (Les levés géophysiques au sol qui nécessitent l'utilisation d'une génératrice)
- Mechanized Drilling (assembled weight <150kg)/ Forage mécanisé (poids assemblé <150 kg)
- Mechanized Stripping (<100m<sup>2</sup> in 200m radius)/ Décapage mécanisé (<100 m<sup>2</sup> dans un rayon de 200 m)
- Pitting and Trenching (1-3m<sup>3</sup> in 200m radius)/ Creusement de fosses et de tranchées (1-3 m<sup>3</sup> dans un rayon de 200 m)
- Line Cutting (<1.5m width)/ Découpage des quadrillages (<1,5 m de largeur)

Subject to the following conditions:/Et sous les conditions suivantes:

1. The Permittee shall keep this permit or a true copy thereof on the permit area./Le détenteur conserver ce permis ou une copie conforme sur les lieux des travaux.
2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the exploration permit area to any inspector whenever requested by the officer./Le responsable des travaux couverts par ce permis doit produire le permis ou sa copie conforme si un inspecteur lui demande.
3. The requirements outlined in Schedule 1 of Ontario Regulation 308/12 and applicable Provincial Standards for Early Exploration/ Les exigences générales identifier à l'annexe 1 du Règlement de l'Ontario 308/12 et les normes provinciales relatives à l'exploration préliminaire.
4. Other terms and conditions as listed on this permit./Autres termes et conditions énoncées sur ce permis.

Place of Issue/Emis a:

Thunder Bay

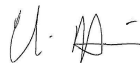
Issued by/Emis par:

Colin Hovi

Date of Issue/Date émis (yyyy/mm/dd, aaaa/mm/jj):

2024/07/18

Signature of Director/Signature du directeur:



Additional Terms and Conditions:

Seasonal

No early exploration activities authorized by this Permit shall be carried out on or between the last 2 weeks of September through the first two weeks of October, for a total of 4 weeks.

Setback

No early exploration activities authorized by this permit shall be carried out within 60 meters of any water body, as defined by the Provincial Standards.

Mobilization/Demobilization

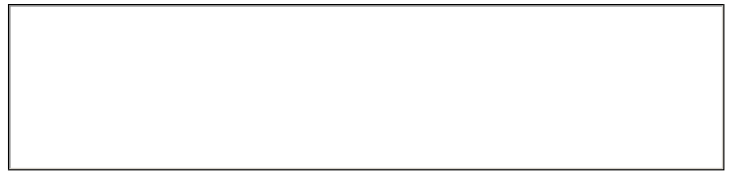
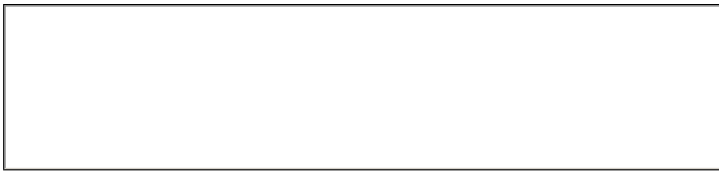
a) not less than two (2) weeks prior to commencing the early exploration activities authorized by this Permit which, for greater certainty, shall include the mobilization of personnel and

Autre termes et conditions:

equipment to the site required for carrying out those activities;  
b) after a period of temporary suspension of activities of greater than four (4) weeks, not less than one (1) week prior to recommencing the early exploration activities authorized by this permit;  
c) not less than two (2) weeks prior to the anticipated final demobilization of personnel and equipment required for carrying out the early exploration activities authorized by this Permit; and  
d) delivered by email to TBay-MDLB@ontario.ca

Community Specific

Shapefiles will be provided to NN at the completion of the work of all development that took place, including trails, roads, drill pads, fuel storage locations, stripping, etc. within 30 days of demobilization.



Collection of personal information, if any, on this form is authorized by sections 7, 78.2, 78.3, and subsection 178.2(1) of the *Mining Act* for the purpose of creating a public record as described in section 37 of the *Freedom of Information and Protection of Privacy Act*. This information may also be posted in a modified form on the Ministry of Northern Development and Mines website and on the Environmental Registry for public comment. Questions about this collection should be directed to the Mineral Exploration and Development Section, Ministry of Northern Development and Mines, 933 Ramsey Lake Road, Sudbury ON P3E 6B5. Telephone 705-670-5815.

Preferred language of  
correspondence

English

French

Fields marked with an asterisk (\*) are mandatory.

## 1. Project Details

Project Name \*

[Dotted Lake Project](#)

Name of Early Exploration Proponent \*

[Panther Metals \(Canada\) Limited](#)

Is the proposed early exploration area within the project area for an existing filed closure plan? \*

Yes  No

Are there any mine hazards identified in the [Abandoned Mines Information System \(AMIS sites\)](#) in your project area? \*

Yes  No

Enter the Universal Transverse Mercator Coordinates (UTM) in North American Datum 83 (NAD 83) Grid for the centre of your project area

Zone (N) \*

16

Easting (m) \*

590724.8

Northing (m) \*

5416151.9

## 2. Exploration Logistics and Detailed Information

Will explosives be used for any activity/activities? If yes describe in detail which activities require the explosives, where they will be stored, and any other relevant information.

[No](#)

What commodity or commodities are being sought in the work program?

[Precious and base metals.](#)

How will you be transporting personnel to the exploration site for all activities? Describe in detail.

[The site will be accessed via existing logging roads and trails which connect to Highway 614 to the west and south from Manitouwadge. Use of quad bikes on existing trails and permitted trails. During winter geophysics work snowmachines will be used to cross the frozen lakes.](#)

How will you be mobilizing/demobilizing equipment to and from the exploration site for all activities? Describe in detail.

[As above, the site will be accessed via existing logging roads and trails which connect to Highway 614 to the west and south from Manitouwadge. Use of quad bikes, bulldozer or excavator on existing trails and permitted trails. During winter geophysics work snowmachines and sleds will be used to cross the frozen lakes.](#)

What type of equipment will you be using for all of the early exploration activities?

[Quad bikes, side by side, snowmachine, backhoe/excavator, generators and diamond drill rig.](#)

What type of drilling will take place? (e.g. core drilling, reverse circulation)

Diamond core drilling. Holes will be prioritized for drilling based on the findings of the trenching/pitting or stripping, and geophysics work and based on the findings of previous drill holes. A minimum buffer of 60m distance from any water course or lake will be implemented.

Do you anticipate the removal of the drill casing?

Yes  No

If yes, when will you be removing it?

Immediately  3 to 6 months  6 to 12 months  1 to 2 years

For the exploration activities you have selected in your early exploration submission please fill in the associated details (required for all activities proposed). \*

Geophysical surveys requiring a generator	▶ Type of Survey	<u>IP, EM, or propitiatory methods</u>
Line cutting	▶ Estimated total line length	<u>25000</u> metres
Mechanized Stripping	▶ Planned Number of stripped locations	<u>10</u>
	Estimated total area of stripping	<u>250</u> square metres
Pitting and Trenching of Bedrock	▶ Planned Number of Pits/Trenches	<u>36</u>
Mechanized Drilling	▶ Planned drill hole diameter	<u>6</u> centimetres
	<input type="checkbox"/> 1 - 5 pads	
	<input type="checkbox"/> 6 - 10 pads	
	<input checked="" type="checkbox"/> 11 - 15 pads	
	<input type="checkbox"/> 16 - 20 pads	
	<input type="checkbox"/> > 20 pads	

Please identify any non-prescribed activity/activities you will be undertaking to support the prescribed early exploration activity/activities

- Creating trails for the purposes of early exploration
- Creating roads for the purposes of early exploration
- Creating/setting up camp(s) to house personnel to perform your prescribed early exploration activities
- Number of people in camp 15 Number of camps 2
- Ground geophysical surveys without a generator
- Airborne geophysical surveys

Are you planning to store fuel or other hazardous materials on the property? \*

Yes  No

Please provide any other information relevant to this project.

Drill holes will only proceed where the results of pitting, trenching and or geophysics warrant them. The geophysics lines over the lakes will be conducted when they are frozen. Drilling, pitting or trenching activities will employ a 60m buffer from any water body. Fuel will be stored in accordance with best practice to ensure minimal risk to the environment. Gasoline drums for backhoe, generators and diamond drill with all drums to be removed upon completion of project.

### 3. Signature

Name (Last Name, First Name)

O'Reilly, Nicholas

Email Address

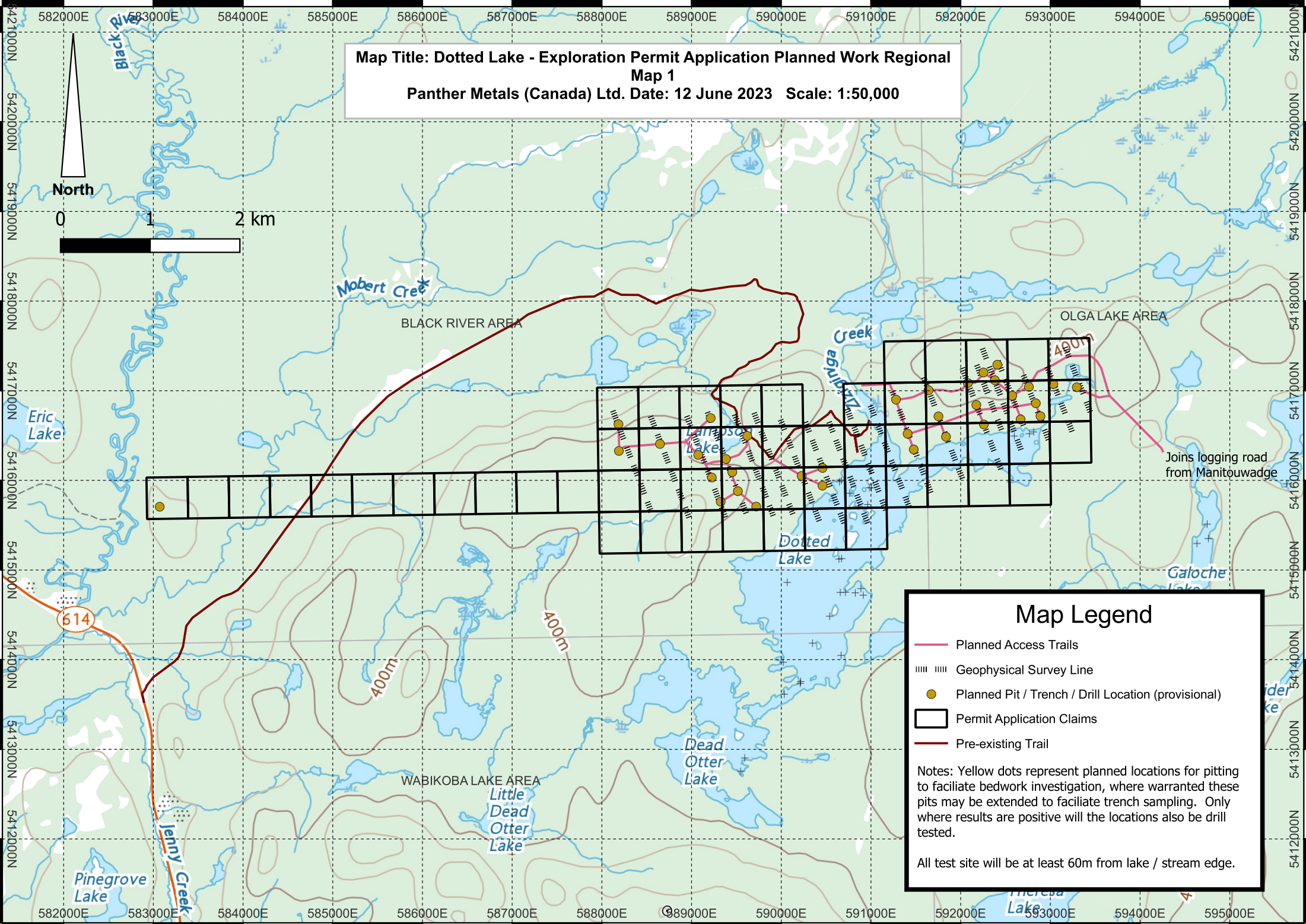
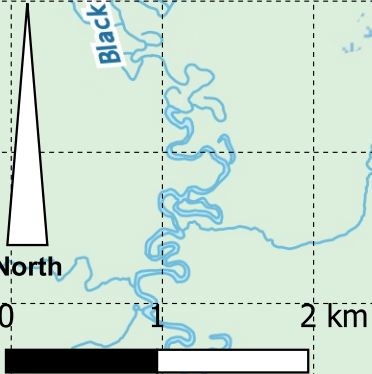
noreilly@mining-analyst.com

Signature

Date (yyyy/mm/dd)

2023/06/23

**Map Title: Dotted Lake - Exploration Permit Application Planned Work Regional**  
**Map 1**  
**Panther Metals (Canada) Ltd. Date: 12 June 2023 Scale: 1:50,000**



### Map Legend

- Planned Access Trails
- Geophysical Survey Line
- Planned Pit / Trench / Drill Location (provisional)
- Permit Application Claims
- Pre-existing Trail

Notes: Yellow dots represent planned locations for pitting to facilitate bedwork investigation, where warranted these pits may be extended to facilitate trench sampling. Only where results are positive will the locations also be drill tested.

All test site will be at least 60m from lake / stream edge.

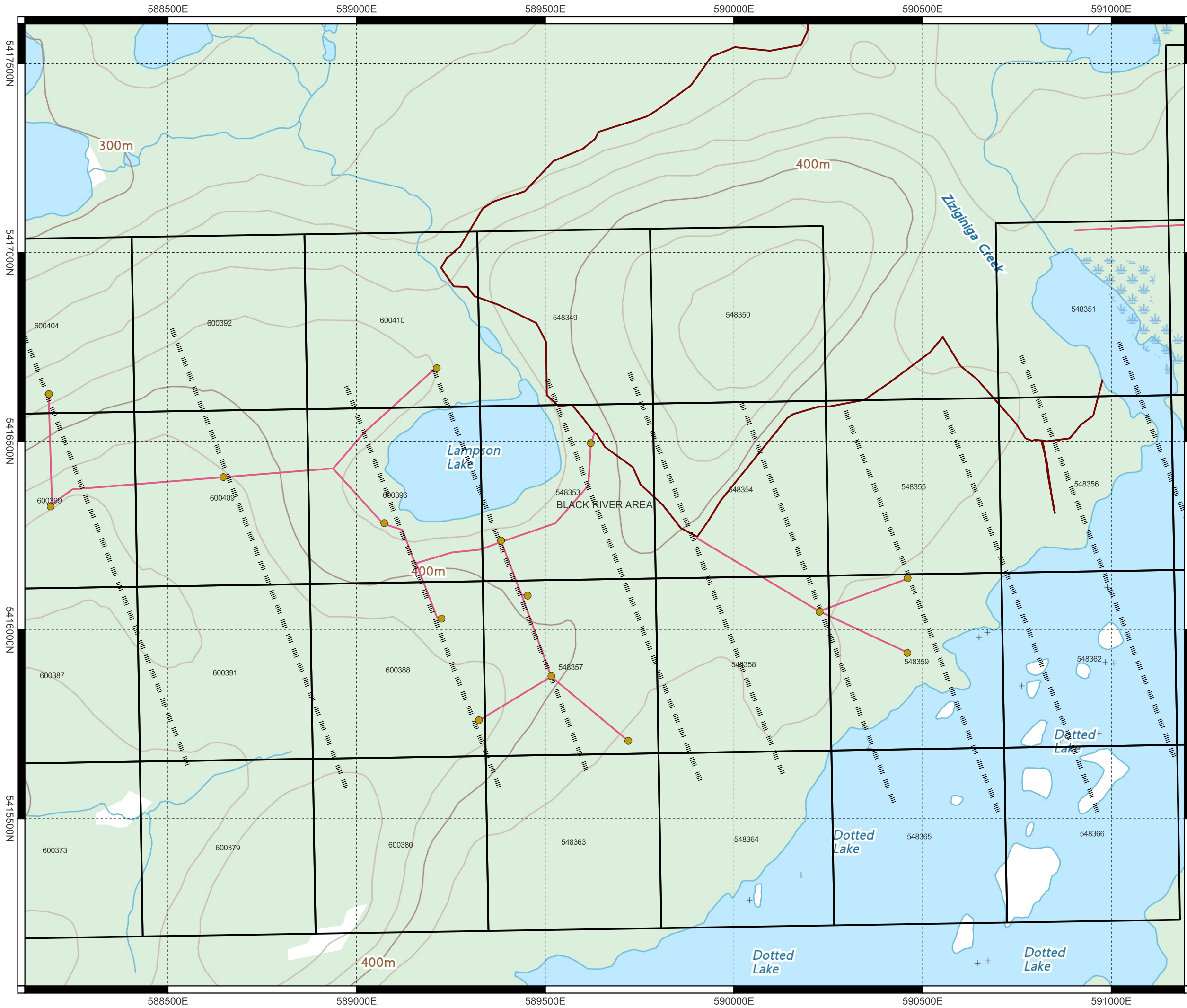
Joins logging road from Manitouwadge

614

400m

400m

Map Title: Dotted Lake - Exploration Permit Application Planned Work Details (Centre)



### Map Legend

- Planned Access Trails
- Geophysical Survey Line
- Planned Pit / Trench / Drill Location (provisional)
- Permit Application Claims
- Pre-existing Trail

**Notes:**  
 Yellow dots represent planned locations for pitting to facilitate bedwork investigation, where warranted these pits may be extended to facilitate trench sampling. Only where results are positive will the locations also be drill tested.

**All pits, trenches and drill collars will be positioned a minimum of 50m from any lake shore or water course.**



North

0 100 200 300 400 500 m

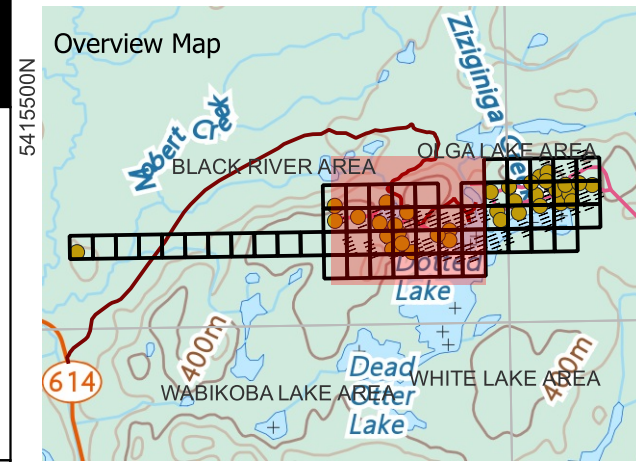


Projection: UTM Zone 16N Datum: NAD83

Scale: 1:10,000

Date: 7 June 2023

For: Panther Metals (Canada) Ltd



Overview Map



Map Title: Dotted Lake - Exploration Permit Application Planned Work Details (East)

### Map Legend

- Planned Access Trails
- Geophysical Survey Line
- Planned Pit / Trench / Drill Location (provisional)
- Permit Application Claims
- Pre-existing Trail

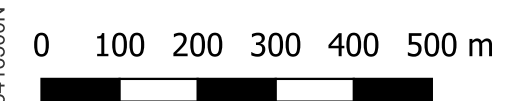
**Notes:**

Yellow dots represent planned locations for pitting to facilitate bedwork investigation, where warranted these pits may be extended to facilitate trench sampling. Only where results are positive will the locations also be drill tested.

**All pits, trenches and drill collars will be positioned a minimum of 50m from any lake shore or water course.**



North

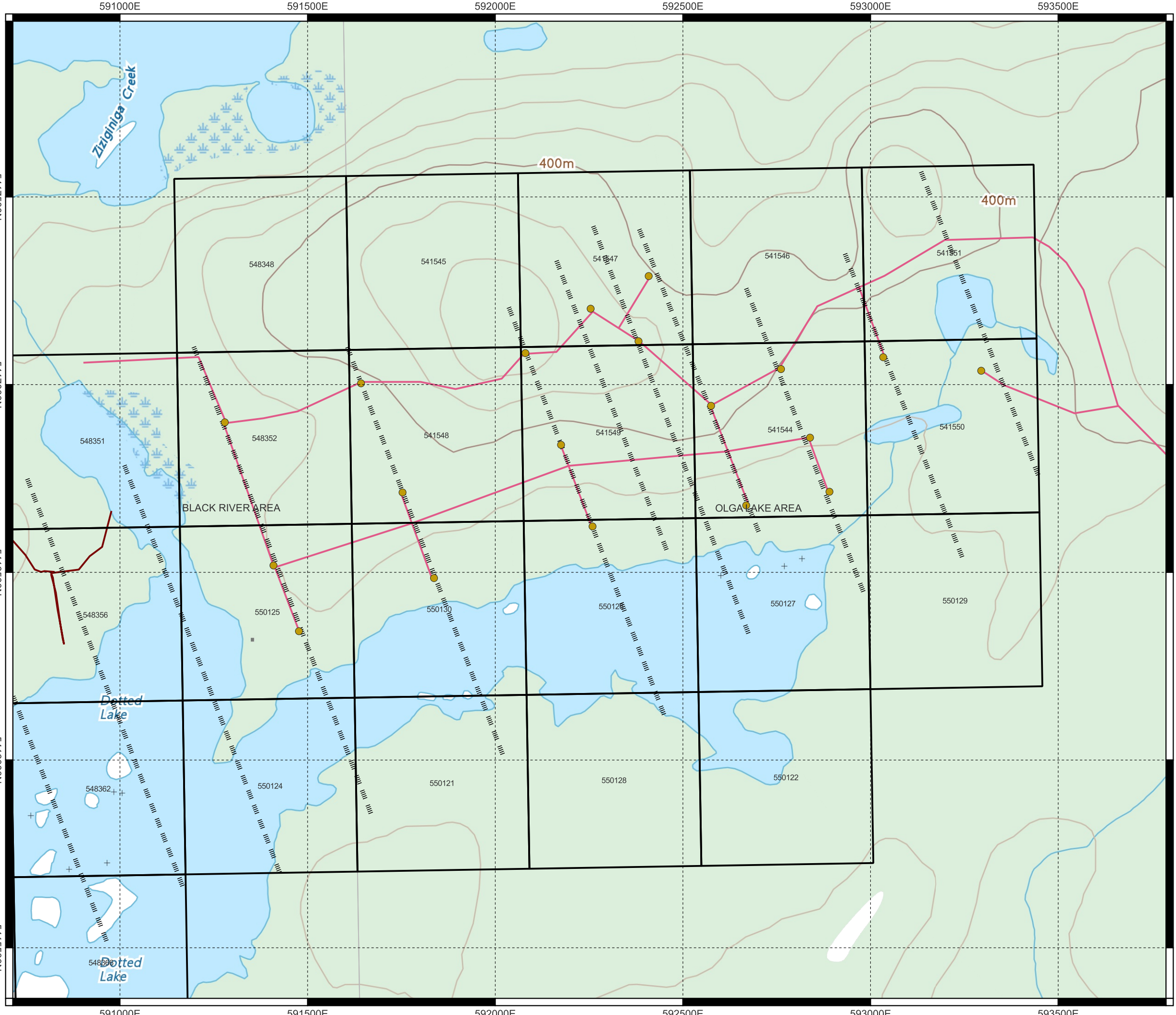
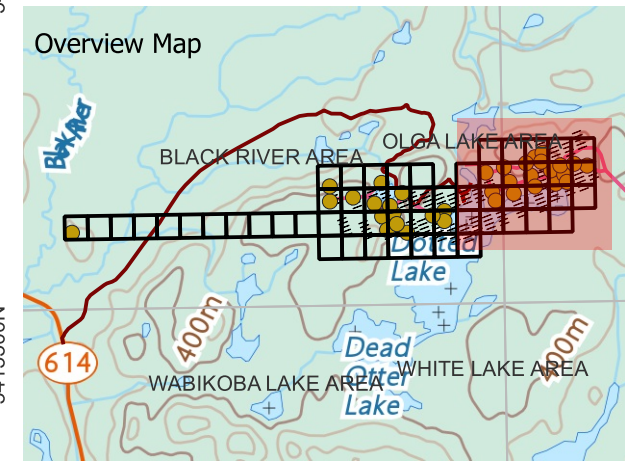


Projection: UTM Zone 16N Datum: NAD83

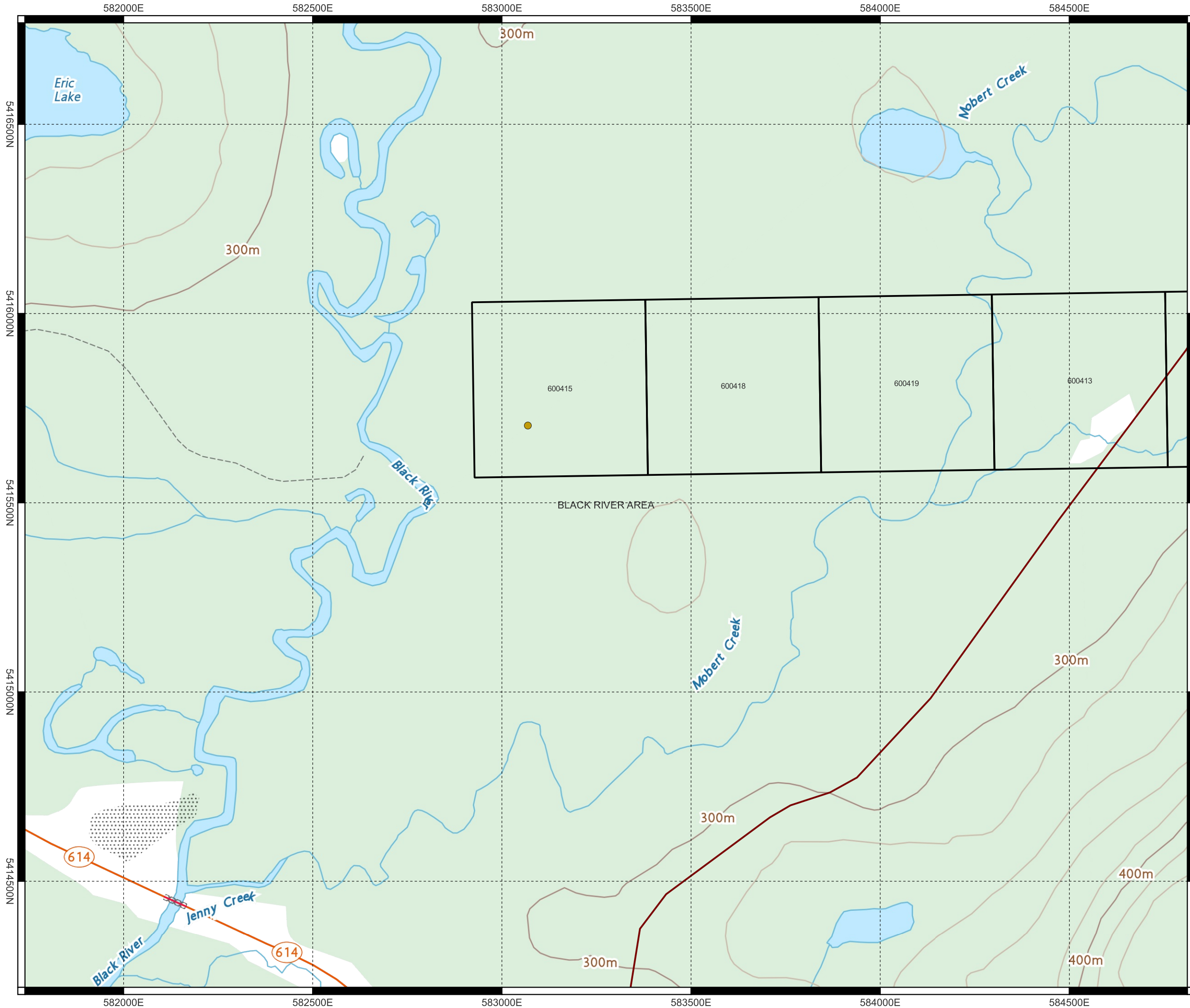
Scale: 1:10,000

Date: 7 June 2023

For: Panther Metals (Canada) Ltd



Map Title: Dotted Lake - Exploration Permit Application Planned Work Details (West)



### Map Legend

- Planned Pit / Trench / Drill Location (provisional)
- Permit Application Claims
- Pre-existing Trail

**Notes:**  
 Yellow dots represent planned locations for pitting to facilitate bedwork investigation, where warranted these pits may be extended to facilitate trench sampling. Only where results are positive will the locations also be drill tested.

**All pits, trenches and drill collars will be positioned a minimum of 50m from any lake shore or water course.**



North

0 100 200 300 400 500 m

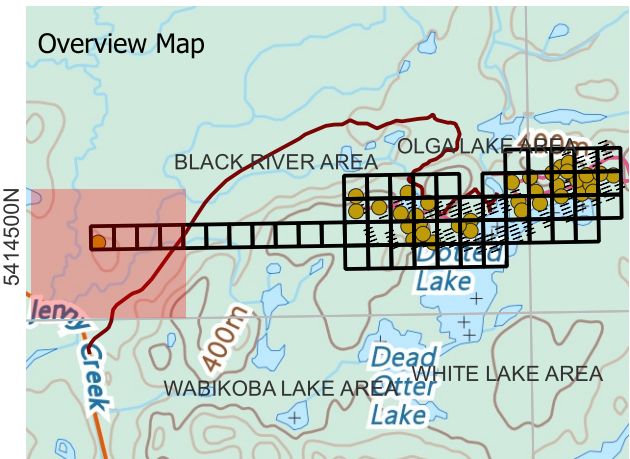


Projection: UTM Zone 16N Datum: NAD83

Scale: 1:10,000

Date: 7 June 2023

For: Panther Metals (Canada) Ltd



Map Title: Dotted Lake - Exploration Permit Application Claims - Showing First Nation Reserves.  
Panther Metals (Canada) Ltd. Date: 7 June 2023 Scale: 1:200,000

### Map Legend

-  First Nation Reserve
-  Permit Application Claims

Map background: GOV Canada - Topo

#### Overview Map



0 5 10 km

Projection: UTM Zone 16N Datum: NAD83

