

Number/Numero:

PR-23-000018

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

Alcona

Qualified Supervisor/Superviseur qualifié

Peter Schloo

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

Name of Permittee:/Nom du détenteur:

Patrick Riives

Mailing Address:/Adresse postale:

696 McGoay Rd RR#3, Dryden, ON, P8N 3G2

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

2023/03/23

to: 2026/03/22

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

110326, 123001, 124217, 139249, 150935, 179472, 186913, 199071, 199072, 207753, 207754, 223468, 223479, 245657, 253724, 273156, 277897, 277898, 313971, 319707, 319708, 326732, 326733, 331771, 341074

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 (>100m² in 200m radius)/ Décapage mécanisé (>100 m² dans un rayon de 200 m)
- Pitting and Trenching (>3m³ in 200m radius)/ Creusement de fosses et de tranchées (>3 m³ 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 (<100m² in 200m radius)/ Décapage mécanisé (<100 m² dans un rayon de 200 m)
- Pitting and Trenching (1-3m³ in 200m radius)/ Creusement de fosses et de tranchées (1-3 m³ 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:

Neal Bennett

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

2023/03/23

Signature of Director/Signature du directeur:



Additional Terms and Conditions:

Mobilization/Demobilization

Written notice shall be provided to the Ministry of Northern Development and Mines as follows:

- 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 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 MNDM.PlansAndPermits@ontario.ca

Autre termes et conditions:

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 *

[Drayton-Black Lake - Alcona; Riives](#)

Name of Early Exploration Proponent *

[Paul Riives](#)

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) *

15

Easting (m) *

596292

Northing (m) *

5547978

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?

[Au-Ag-Cu](#)

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

[The property has excellent road access and can driven to by truck/suv](#)

[Some sites \(stripping\) can be directly driven to \(e.g., near lay-down\)](#)

[Some sites \(stripping\) and drilling \(all\) can be accessed from the lay-down area by ATV](#)

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

[The property has excellent road access and can driven to by truck/suv](#)

[Equipment will be trucked \(float\) to the lay-down areas \(one for Alcona Main \(East\) and one for Alcona - NM \(West\) Alcona Main Prospect \(East\) has road access and skidder trails will be constructed from existing roads within and between drill site.](#)

[Alcona NM Prospect \(West\) has road access to within 1000 m \(lay down\) a skidder trail we be established to prospect and then within and between drill pads stripping sites](#)

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

[We will be using a mini-excavator and power pump for clearing and washing outcrop for mapping and sampling;](#)

sampling will be using channel saw to cut and chip samples (e.g., 3-5 cm wide and 3-5 cm deep). Channel length will vary from 3 to 10 m depending on outcrop and target; potentially 3-5 channels (cleared areas) within proposed "stripping" area

We will be using an excavator / skidder to bring a drill (plus supplies e.g., rods and consumables) to the pads;
We will be using a small gen-set for electrical power the the borehole geophysical system

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

Diamond (core) drilling is proposed; plan on drilling short (100-200 m) inclined HQ hole and may drill 2-3 holes from single set-up to reduce actual number of pads from current proposal (attached map).

Casing is to be removed shortly after completion; some borehole orientation surveys are proposed that may require a slight delay in removing case (e.g., < 1 week but within the duration of the program)

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>borehole (televiewer)</u>
Line cutting	▶ Estimated total line length	_____ metres
Mechanized Stripping	▶ Planned Number of stripped locations	<u>12</u>
	Estimated total area of stripping	<u>2000</u> square metres
Pitting and Trenching of Bedrock	▶ Planned Number of Pits/Trenches	_____
Mechanized Drilling	▶ Planned drill hole diameter	<u>9.6</u> centimetres
	<input type="checkbox"/> 1 - 5 pads	
	<input type="checkbox"/> 6 - 10 pads	
	<input type="checkbox"/> 11 - 15 pads	
	<input type="checkbox"/> 16 - 20 pads	
	<input checked="" 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 _____ Number of camps _____
 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.

Fuel for drilling and support consumables and equipment to be stored at secured lay-down areas adjacent to existing road network

Heritage Mining Ltd. will be the operator on the project and they are willing to hire and work with the FN communities and businesses.

3. Signature

Name (Last Name, First Name)
Schloo, Peter

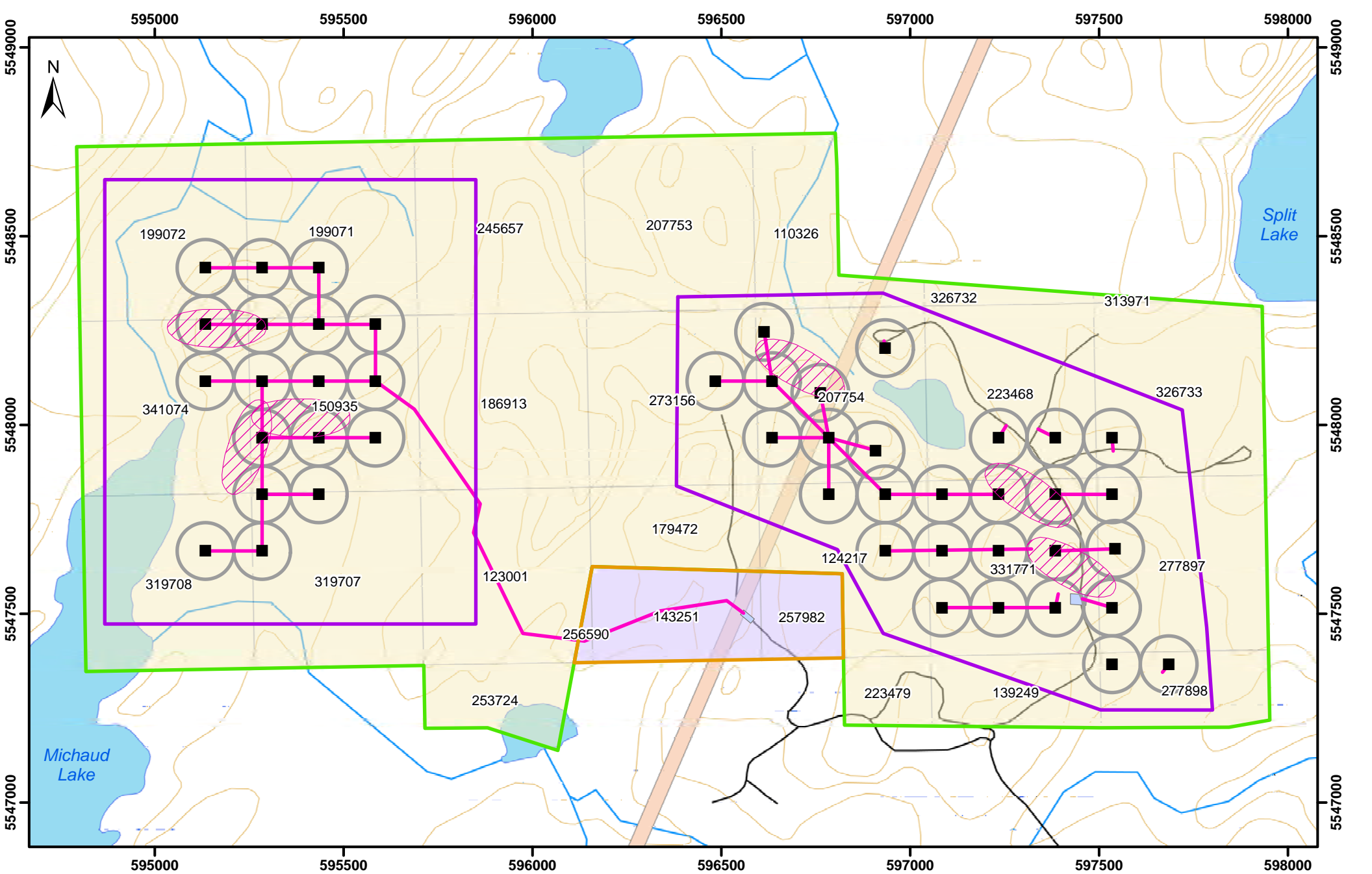

Email Address
peter@heritagemining.ca

Signature

A handwritten signature in black ink, consisting of several overlapping loops and strokes, positioned above a horizontal line.















Date (yyyy/mm/dd)

2023/01/18

Heritage Mining Ltd.
Drayton-Black Lake Project
 Alcona - Project Scale Map
 Zarn Lake Area

0 250 500 1:13,000
 Meters NAD83 15N

- | | | |
|--|---|---|
|  Paul Riives - Permit Area |  Proposed Laydown Area |  New Transmission Line |
|  Alcona - Riives Claims |  Proposed Skidder Trail |  Contour |
|  Group Ten Metals - Permit Area |  Proposed area of Mechanical Stripping |  Existing Road |
|  Alcona - Group Ten Metals Claims |  Proposed Area for Ground Geophysics Requiring a Generator |  Waterbody |
|  Mechanized Drilling - Proposed Drill Pad | |  Watercourse |

Geophysics: Borehole Televiwer, Drill Pads: 75m Radius