

Number/Numero:

PR-23-000074

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

Sanderson South

Qualified Supervisor/Superviseur qualifié

Matt Downey

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

Name of Permittee:/Nom du détenteur:

Ring of Fire Metals

Mailing Address:/Adresse postale:

212 King Street West, Toronto, ON M5H 1K5, Canada

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

2023/06/30

to:

2026/06/29

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

112598, 136651, 143994, 161734, 161735, 169160, 182622, 187265, 225938, 238059, 276683, 282552, 284443, 326041, 331562, 331563, 344104, 344125, 732493, 732494, 732495, 732496, 732497, 732499, 732500, 732501, 732502, 732503, 732504, 732505, 732506, 732507, 732508, 750274

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)/ Découpage 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

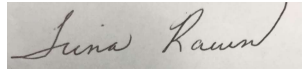
Issued by/Emis par:

Trina Rawn

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

2023/06/30

Signature of Director/Signature du directeur:



Additional Terms and Conditions:

1. Mobilization/Demobilization

Written notice shall be provided to the Ministry of Mines, (MINES) as follows:

- a) not less than four (4) 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 Tbay-mdlb@ontario.ca

Autre termes et conditions:

## 2. Archeological Checklist

Prior to undertaking any exploratory drilling authorized by this Permit on or within 50 metres of eskers or other glacial ridges, and/or within 300 metres of the Attawapiskat River, the Muketei River (aka Little Attawapiskat River) or McFaulds Lake, the permit holder shall provide to MINES (by email to Tbay-mdlb@ontario.ca):

- a) a completed copy of the attached Criteria for Evaluating Archaeological Potential; and
- b) a copy of any required archaeological assessment(s) as reported to and reviewed by the Ministry of Heritage, Sport, Tourism and Culture Industries.

## 3. Water Quality Sampling

Within 14 days prior to undertaking any exploratory drilling authorized by this Permit, the permit holder shall complete the following tests of water sources utilized in connection with that drilling activity:

- a) general chemistry; and
- b) total and dissolved solids.

Results of any such tests shall be provided to MINES (by email to Tbay-mdlb@ontario.ca) within 14 days of the permit holder receiving the test results from a licensed testing laboratory.

## 4. Site Inspections

For each site where exploratory drilling is undertaken pursuant to this permit, within 14 days after such exploratory drilling is completed and the drill rig is removed from the site, the permit holder shall provide to MINES (by email to Tbay-mdlb@ontario.ca) written confirmation that the permit holder has complied with Schedule 1 to O. Reg. 308/12 and, for greater certainty, has removed all refuse, fuel drums, equipment and any other material or thing brought onto the site, together with photographs that depict the entire site and identify the date on which the photographs were recorded.

## 5. Limiting Noise & Activities under Multiple Permits

The permit holder (and, where appropriate, their contractors) shall utilize sound limiting and muffling methods such as enclosures and/or silencers for diamond drill rigs while conducting any exploration drilling authorized under this Permit for the purposes of obtaining drill core. Furthermore, the permit holder shall not simultaneously undertake drilling activity on more than two (2) of the following Permits at any given time:

- PR-20-000306
- PR-20-000307
- PR-20-000308
- PR-20-000309
- PR-20-000310
- PR-20-000311
- PR-20-000312
- PR-20-000313
- PR-22-000101
- PR-22-000102
- PR-22-000103
- PR-22-000104

- PR-22-000105
- PR-22-000121
- PR-23-000064
- PR-23-000065
- PR-23-000066
- PR-23-000067
- PR-23-000068
- PR-23-000069
- PR-23-000070
- PR-23-000071
- PR-23-000072
- PR-23-000073
- PR-23-000074

#### 6. Wildlife Documentation

The permit holder is required to set up a trail camera at each site where exploratory drilling is being undertaken pursuant to this permit, so that they are aware of any potential interactions with species living in the area. Any interactions with terrestrial wildlife will be shared via written confirmation in email (Tbay-mdlb@ontario.ca) with the Director of Exploration (MINES) within 14 days of the completion and removal of the drill rig.

#### 7. Revegetation

The permit holder shall replant seedlings of native species in areas that are forested where they have cut trees for the purposes of their exploration activities under the permit.

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 \*

Sanderson South

Name of Early Exploration Proponent \*

Ring of Fire Metals

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) \*

556500

Northing (m) \*

5879900

## 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?

Ni, Cu, PGE

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

Helicopter

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

Helicopter

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

For drilling, a heli-supported reverse circulation drill will be used.

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

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 \_\_\_\_\_

Line cutting ▶ Estimated total line length \_\_\_\_\_ metres

Mechanized Stripping ▶ Planned Number of stripped locations \_\_\_\_\_  
Estimated total area of stripping \_\_\_\_\_ square metres

Pitting and Trenching of Bedrock ▶ Planned Number of Pits/Trenches \_\_\_\_\_

Mechanized Drilling ▶ Planned drill hole diameter \_\_\_\_\_ centimetres  
 1 - 5 pads  
 6 - 10 pads  
 11 - 15 pads  
 16 - 20 pads  
 > 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.

Program will consist of RC drilling only

### 3. Signature

Name (Last Name, First Name)

Downey, Matt

Email Address

mdowney@rofmets.com




Signature

Date (yyyy/mm/dd)

2023/03/03

# RING OF FIRE METALS

## Project Map Sanderson South

-  Planned drill hole collars (within 400m diameter)
-  Project boundary
-  RoF Metals mineral claims

