

Number/Numero:

PR-24-000076

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

Awkward, Obonga Project

Qualified Supervisor/Superviseur qualifié

Nicholas O'Reilly

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

Name of Permittee:/Nom du détenteur:

BROKEN ROCK RESOURCES LTD. (all claims) and Karen Siltamaki (claim 672121 only)

Mailing Address:/Adresse postale:

Broken Rock Resources Limited

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:

503963, 503964, 503965, 503966, 503967, 503968, 503969, 503970, 503971, 503972, 503973, 503974, 564422, 564425, 564429, 564432, 672121, 845433, 845450, 845451, 845452

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:

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:

1. Seasonal Restrictions:

No early exploration activities authorized by this Permit shall be carried out on or between April 1 and May 15 of each year.

No early exploration activities authorized by this Permit shall be carried out on or between September 1 and November 30 of each year.

2. Setback of Activities

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.

Autre termes et conditions:

3. Mobilization/Demobilization:

Written notice shall be provided to the Ministry of 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

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 *

Awkward, Obonga Project

Name of Early Exploration Proponent *

Panther Metals (Canada) Ltd, Broken Rock Resources Ltd and Karen Siltamaki

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) *

UTM 16N NAD83

Easting (m) *

318364

Northing (m) *

5534755

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?

Base metals (Zinc, Copper, Lead, Iron, Nickel), Precious Metals (Gold, Silver, PGM), Graphite

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

Via the proposed trails as set out in the accompanying maps. The new trails link to existing logging trails located to the north of the project area. Initial access for planning may also utilize helicopter transport. The trails will be for access to and in support of the planned exploration activities only. Use will be to bring in the exploration equipment and associates supplies only. The construction of the trails will be required to minimize the impact on the environment. This might include being routed to avoid sensitive ground conditions and old growth trees. The trail construction will use tracked machinery such as an excavator or backhoe. We welcome Community input regarding detailed trail routing.

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

Via the proposed trails as set out in the accompanying maps. The new trails link to existing logging trails located to the north of the project area. Our contractors will be required to install trail signage during the works.

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

Diamond drilling rigs and associated support equipment such as bulldozer/backhoe/excavator and all terrain

vehicles (including quads and/or side-by-side vehicles). Helicopter, Water Pump, Generator

What type of drilling will take place? (e.g. core drilling, reverse circulation)
Core drilling. Depending on the findings of the initial holes we will then select further holes for drilling. We currently envisage a maximum of 31 planned drill pads across the work areas as shown on the 1:40,000 scale map. If the initial drilling results do not support further work not all drill pads and not all trails will be constructed.

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>Ground electromagnetic / induced polarization / magnetic</u>
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	<u>12</u>
Mechanized Drilling	▶ Planned drill hole diameter	<u>6.4</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 15 Number of camps 1
- 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.

The planned early exploration activities will be managed by Panther Metals (Canada) Ltd under agreements held with Broken Rock Resources Ltd (on claims 564429, 564432, 564422, 564425, 845451, 845452, 845433, 845450, 503963, 503964, 503965, 503966, 503967, 503968, 503969, 503970, 503971, 503972, 503973 & 503974) and with Karen Siltamaki (on claim 672121).

The planned drill pads will only be drilled where the results of preceding holes dictate, at this stage the exact order of hole drilling has not been set as this will depend on ground logistics and access, but it is anticipated drilling may start at pad 24_AW_P20 or 24_AW_P11. Any decision to pit or trench will be based on prospecting and/or drilling results.

Fuel will be stored in accordance with best practice to ensure minimal risk to the environment. Our contractors will be required to take extra safeguards to protect against fuel spills and to ensure safe fuel transport and fuel storage

including the use of double wall fuel containers and spill trays.

Work will endeavor to follow protocols set out by the PDAC E3 Framework for Responsible Exploration (Excellence In Environmental Stewardship Toolkit (EES)).

We have submitted a request for the Caribou habitat data to assist with the preparation of a SAR Mitigation Plan which will be prepared by NorthWinds Environmental Services (Northwind) in Thunder Bay. NorthWinds have also undertaken an initial field assessment programme over the Obonga project area.

We are anticipating the exploration activities will fall within the scope of a Conditional Exemption for Prescribed Early Exploration Mining Activities, we plan to undertake the following:

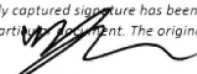
- register the activities and the affected species with MECP (before work begins);
- take steps to minimize the adverse effects of the activity to the species and habitat;
- create and implement a Species at Risk Mitigation Plan, this study work has been started in advance;
- report sightings of the affected species (and update registration documents, if needed);
- take reasonable steps to restore any habitat of the species that was damaged or destroyed by the activity, or create or enhance habitat; and
- monitor and report on species and activities.

Planned Camp

Where a camp is required in the permit area (accommodation may be provided elsewhere), the camp will be and least 120m from the lake shoreline and in compliance with regulations including the Health Protection and Promotion Act, 1990 act, and the Key Operational Requirements Camps Unorganized Territory guidance of the Thunder Bay District Health Unit. A notice of activity will be filed at least 10 days prior to the placement of the camp. We intend to follow the Thunder Bay Health Unit camp guidance and practical guides for sewage/grey water treatment/permitting.

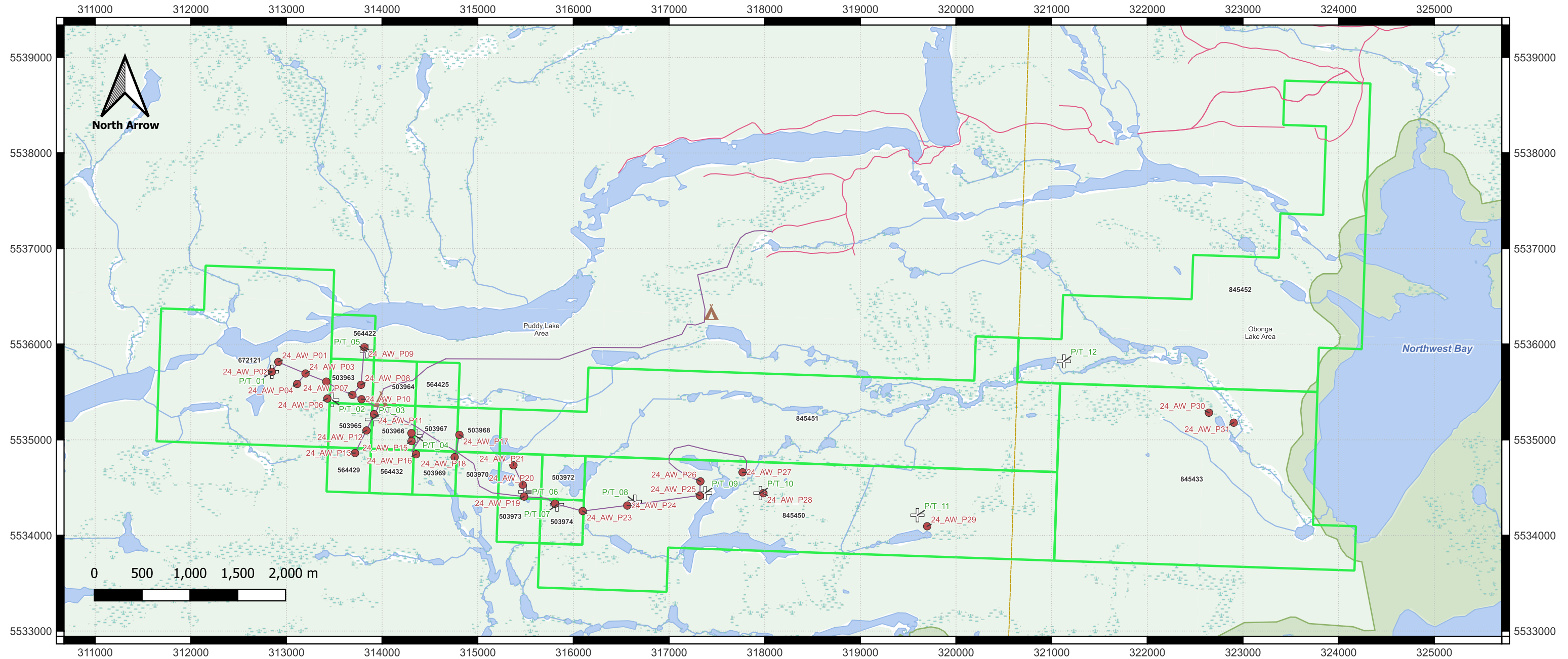
Planned Trails

Trail building will be in line with best practice for early stage exploration activities, it will be routed to minimize any environmental impact and will be kept to the minimum required for the holes actually drilled.

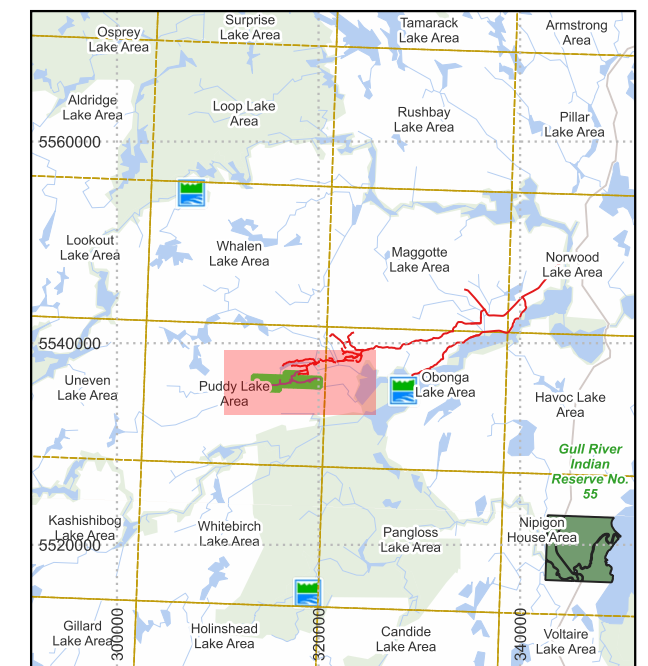
3. Signature		
Name (Last Name, First Name) O'Reilly, Nicholas		Email Address noreilly@mining-analyst.com
Signature	<i>This digitally captured signature has been authorised for use in this particular document. The original is held on file.</i>  Nicholas J. O'Reilly MSc DIC BSc (Hons) FGS MAusIMM	Date (yyyy/mm/dd) 2024/04/12

Awkward, Obonga Project Exploration Permit Application Planned Drill Pad, Pit or Trench and Camp Locations

Proponents: Broken Rock Resources Ltd, Karen Siltamaki and Panther Metals (Canada) Ltd



Overview Map (area of main map shown in pink)



Map Legend

- First Nation Communities
- MENDM Administrative Boundaries
- Existing Logging Trails
- Permit Application Claims (with Tenure ID number)
- Planned Drill Pad (>60m from shoreline)
- Planned Pit or Trench (>60m from shoreline)
- Planned New Trail (includes access to drill pads)
- Provisional Camp Locations (To be located >120m from water)

Notes:

The four eastern drill pads and three eastern pit/trench localities (24_AW_P28, 24_AW_P29, 24_AW_P30 & 24_AW_P31 and P/T_10, P/T_11 & P/T_12) have no planned access trails in order to avoid water crossings, these will either be accessed by helicopter or accessed during the winter when water is frozen.

The planned drill pads will only be drilled where the results of preceding holes dictate. Any decision to pit or trench will be based on prospecting and/or drilling results.

The planned camp area is provisional, it will be either near to 24_AW_P10 (314000E 5535500N), or outside of this permit application area (at approx. 317400E 556300N). Only a single camp is planned for this part of Obonga.

The planned early exploration activities will be managed by Panther Metals (Canada) Ltd under agreements held with Broken Rock Resources Ltd (on claims 564429, 564432, 564422, 564425, 845451, 845452, 845433, 845450, 503963, 503964, 503965, 503966, 503967, 503968, 503969, 503970, 503971, 503972, 503973 & 503974) and with Karen Siltamaki (on claim 672121).