

Number/Numero:

PR-24-000100

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

Qualified Supervisor/Superviseur qualifié

Slate Bay Drilling

Seija Saarinen

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

Name of Permittee:/Nom du détenteur:

Evolution Mining Gold Operations Ltd.

Mailing Address:/Adresse postale:

15 Eric Radford Way, Bag 2000

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

2024/11/04

to: 2027/11/03

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

101470, 102560, 104668, 104768, 116796, 117281, 117877, 118214, 118216, 124287, 126512, 129863, 135685, 135686, 139361, 141764, 141765, 143093, 152928, 153724, 164384, 168881, 168882, 171602, 171603, 180847, 181703, 189876, 191369, 206352, 207100, 207828, 209197, 217731, 230204, 231131, 232949, 236967, 236968, 238330, 238331, 261624, 261625, 262127, 262128, 264299, 264954, 266272, 268267, 269591, 271446, 273727, 274242, 275081, 279154, 280320, 281689, 282332, 292303, 292326, 292327, 297783, 297784, 298987, 298988, 312393, 312394, 321036, 322376, 323590, 325104, 326397, 326398, 327433, 328758, 328759, 330952, 342480, 887271, 887272, 887273, 887274, 887275, 887276, 887277, 887278, 887279, 887280, 887281, 887282, 887283, 887284

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 ace 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 provinciale relatives a 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):

2024/11/04

Signature of Director/Signature du directeur:



Additional Terms and Conditions:

Set-backs

No early exploration activities authorized by this Permit shall be carried out within 50 metres of any water body, as defined by the Provincial Standards.

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 *

Slate Bay Drilling

Name of Early Exploration Proponent *

Evolution Mining Gold Operations Ltd.

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) *

436863

Northing (m) *

5661457

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 explosives will be used for this project.

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

Gold.

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

Barge Drilling: Boat to barge set up (in Slate Bay) from docks in Red Lake community.

Land Drilling: Light vehicle (pickup truck) via Nungessor Rd, Pine Ridge Rd, Mount Jamie Rd, then to existing forestry trails. Use of side x side (UTV) may be used on trails.

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

Barge Drilling: Equipment loaded at Red Lake docks onto the barge via crane, barge tugged to Slate Bay to specific water based drill pads. Service boats to transport supplies once at drill pad location.

Land Drilling: Flatbed transport trailer to mob/demob drilling equipment via Nungessor Rd, Pine Ridge Rd and Mount Jamie Rd. Heavy equipment will be used to move drill equipment on forestry trails and to specific pads.

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

Barge drilling: Light vehicles, small motorized watercraft, mechanized drilling, barge, centrifuge (cutting collector)

Land drilling: Light vehicles, UTV, mechanized drilling, heavy equipment, flatbed transport trailer

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

Diamond 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	7.57 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 to be stored in double walled tanks, with secondary containment and spill kits readily available.

3. Signature

Name (Last Name, First Name)

Seija Saarinen

Email Address

seija.saarinen@evolutionmining.com

Signature

Date (yyyy/mm/dd)

2024/04/24

400000

450000

500000

550000

600000







Evolution Mining Slate Bay Drilling Regional Map

5650000

5650000

Red Lake

Legend

-  Slate Bay Drilling Permit Area
-  First Nations
-  Towns
-  Townships

5600000

5600000

Ear Falls

HWY 105

Wabauskang First Nation

5550000

5550000

Grassy Narrows First Nation

Lac Seul First Nation

0 10 20 km



UTM NAD 83 Z15

400000

450000

500000

550000

600000

435000

437500

440000

Evolution Mining Slate Bay Drilling Project Map

GRAVES

Slate Bay of Red Lake

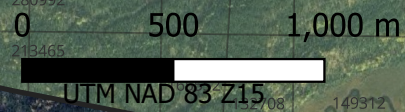
FAIRLIE

DOME

Red Lake

Legend

- Mechanized Drilling Land Pads
- Mechanized Drilling Barge Pads (water access)
- Mechanized Drilling Land or Barge Pads
- 200m buffer
- Existing Trails
- Create Trails
- Slate Bay Drilling Permit Area
- Townships



UTM NAD 83 Z15

5662500

5662500

5660000

5660000

435000

437500

440000