



Exploration Permit/Permis d'exploration

Number/Numero:

PR-21-000034

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

Blackfly

Qualified Supervisor/Superviseur qualifié

Katarina Bjorkman

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

Name of Permittee:/Nom du détenteur:

Kenneth Fenwick

Mailing Address:/Adresse postale:

Kenneth Fenwick, 410-405 Waverly St, Thunder Bay, Ontario, P7B 1B8

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

2021/04/20

to:

2024/04/19

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

105118, 105119, 105693, 105765, 111148, 124276, 124531, 126599, 132511, 135667, 138665, 169047, 171208, 171209, 173254, 173385, 180826, 180827, 180828, 188016, 188017, 188290, 190590, 190592, 197257, 219899, 219922, 219990, 227877, 236956, 237415, 237416, 237417, 239995, 244422, 254674, 254675, 255096, 256713, 256733, 271202, 292294, 301103, 306626, 323133, 323150, 323151, 323152, 323251, 323252, 331157, 332657, 332658, 332659, 343449, 343450

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:

Scott Burgess Director of Exploration

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

2021/04/20

Signature of Director/Signature du directeur:



Additional Terms and Conditions:

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 *

Blackfly

Name of Early Exploration Proponent *

Katarina Bjorkman

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) *

15N

Easting (m) *

599100

Northing (m) *

5411000

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.

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

Gold is being sought.

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

Personnel will be transported using vehicles fit to travel on gravel roads such as pickup trucks and SUV's, and where applicable, by all-terrain vehicles such as UTV and ATV. The property and showing area have excellent road and trail access, with Highway 622 passing through the north-eastern corner, whereas roads for the past Steep Rock mine provide access in the south. A gravel road runs north-south through the length of the property. A trail runs to the Blackfly shaft area.

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

Planned drilling and trenching is near roads and trails. Drills and heavy equipment (e.g., excavator) will be mobilized to the property using a float truck via Highway 622 and the gravel road system. The drill will be mobilized by track vehicle (self-propelled or pulled by heavy machinery) from the road/trail once near the proposed drill site.

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

Equipment required for early exploration includes: excavator (trenching, trail and road building), diamond drill >50kg, possibly a dozer, rock saw for cutting channel samples, water pump for washing trenches, UTVs for access, pick-up

trucks for access and moving core.

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

Core drilling will be undertaken.

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	IP survey	
Line cutting	▶ Estimated total line length	14600	metres
Mechanized Stripping	▶ Planned Number of stripped locations	10	
	Estimated total area of stripping	26000	square metres
Pitting and Trenching of Bedrock	▶ Planned Number of Pits/Trenches	0	
Mechanized Drilling	▶ Planned drill hole diameter	4.8	centimetres
	<input type="checkbox"/> 1 - 5 pads		
	<input type="checkbox"/> 6 - 10 pads		
	<input type="checkbox"/> 11 - 15 pads		
	<input checked="" 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 2 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 fuel that will be stored on the property will only be there during exploration activities and includes deisel fuel for heavy machinery and gasoline for running small equipment like rock saws, chain saws, ATV's and water pumps. Propane may be stored on site if either the drill crew (2 men) or line cutting crew decide to stay on the property.

3. Signature

Name (Last Name, First Name)

Bjorkman, Katarina

Email Address

kat_bjork@hotmail.com

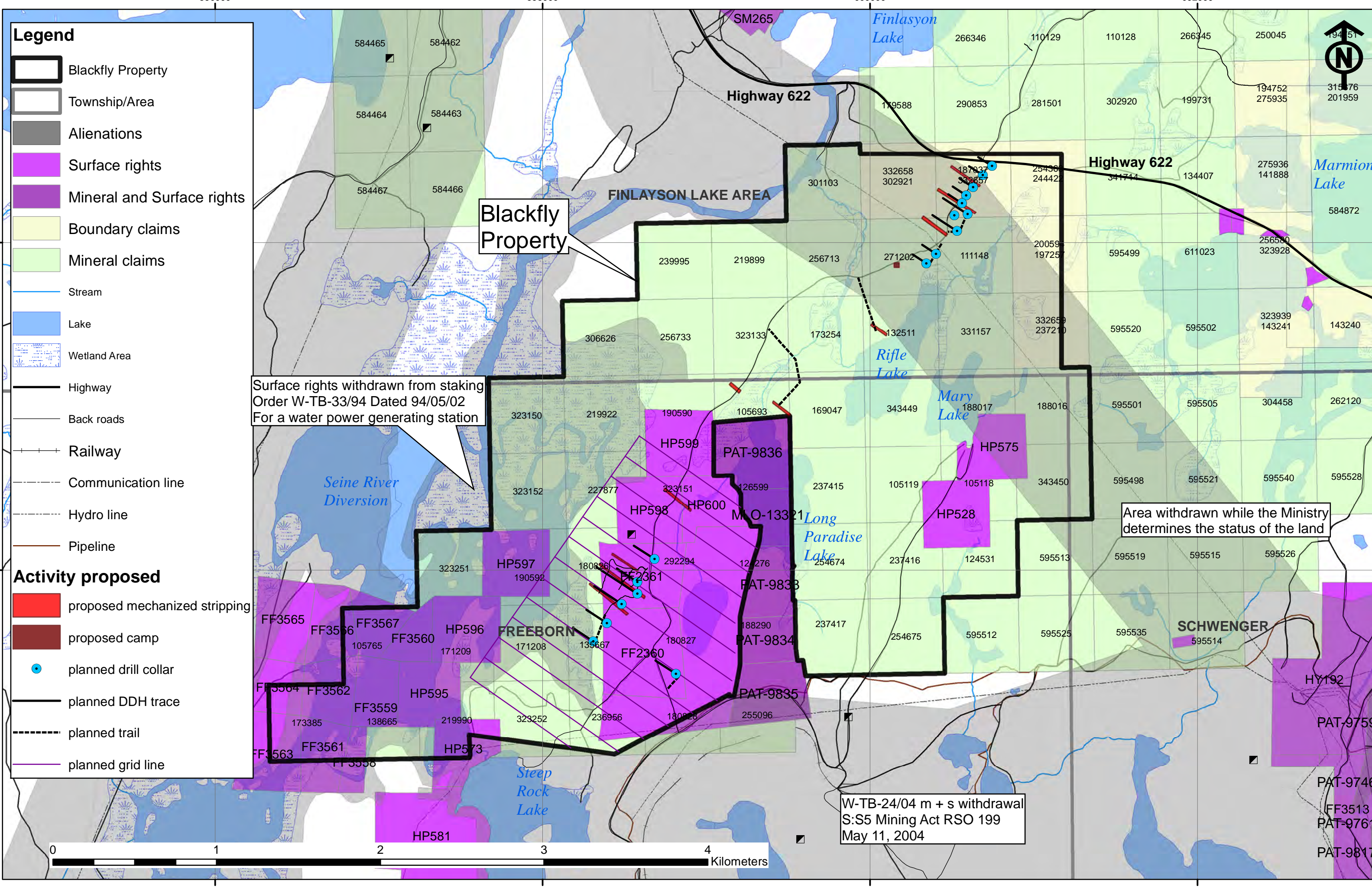
Signature

Date
(yyyy/mm/dd)

Save Form

Print Form

Clear Form



Legend

- Blackfly Property
- Township/Area
- Alienations
- Surface rights
- Mineral and Surface rights
- Boundary claims
- Mineral claims
- Stream
- Lake
- Wetland Area
- Highway
- Back roads
- Railway
- Communication line
- Hydro line
- Pipeline

Activity proposed

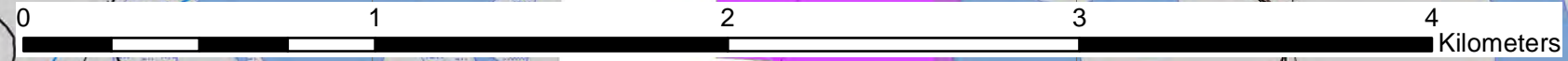
- proposed mechanized stripping
- proposed camp
- planned drill collar
- planned DDH trace
- planned trail
- planned grid line

Blackfly Property

Surface rights withdrawn from staking Order W-TB-33/94 Dated 94/05/02 For a water power generating station

Area withdrawn while the Ministry determines the status of the land

W-TB-24/04 m + s withdrawal S:S5 Mining Act RSO 199 May 11, 2004



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5412000

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SM265
 584465 584462 266346 110129 110128 266345 250045
 584464 584463 179588 290853 281501 302920 199731 194752 31576 201959
 584467 584466 301103 332658 302921 187837 25436 24442
 239995 219899 256713 271202 111148 20059 19725 595499 611023 275936 141888
 306626 256733 323133 173254 132511 331157 332659 237210 595520 595502 134407 256580 323928
 323150 219922 190590 105693 169047 343449 188017 188016 595501 595505 304458 262120
 323152 227877 323151 126599 237415 105119 105118 343450 595498 595521 595540 595528
 323251 190592 180836 180837 292294 122276 237416 124531 595513 595519 595515 595526
 FF3565 FF3566 FF3567 FF3560 HP596 FREEBORN HP599 PAT-9836 HP575
 105765 FF3560 171209 171208 135667 FF2361 180827 188290 237417 254675 595512 595525 595535 595514
 FF3564 FF3562 HP595 PAT-9833 M.O-13321 Long Paradise Lake HP528
 173385 FF3559 219990 323252 236956 180828 255096 595513 595525 595535 595514
 FF3563 FF3561 HP573 PAT-9834
 HP581 Steep Rock Lake
 SCHWENGER
 HY192
 PAT-9759
 PAT-9746
 FF3513
 PAT-9761
 PAT-9817

