



## Exploration Permit/Permis d'exploration

Number/Numero:

PR-21-000181

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

Crooked Pine

BRUCE MACLACHLAN

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

Name of Permittee:/Nom du détenteur:

FRONTLINE GOLD CORPORATION

Mailing Address:/Adresse postale:

1 TORONTO STREET, SUITE 201 PO Box 10, Toronto ON M5C 2V6

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

2021/07/29

to:

2024/07/28

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

544922 545926 579416 579417 579420 580359 580360 580361 580362 580364 580365 580366 580367

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)/ Décapage 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/Émis à:

Thunder Bay

Issued by/Émis par:

Scott Burgess, Director of Exploration

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

2021/07/29

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 \*

Crooked Pine

Name of Early Exploration Proponent \*

Bruce MacLachlan

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) \*

645000

Northing (m) \*

5409000

**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?

Gold & silver

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

Personnel will travel by pick up truck to and from the site along a series of logging roads from Highway 11. ATV's, side by side's and or ski-doo's maybe used on the property to access drill sites and areas of mechanical stripping.

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

Back-hoe/excavator will be transported/floated to the site for the mechanical stripping. Drill rigs, bull dozer and or skidder used to prepare the drill trails and pull the drill to collar locations will also be transported/floated to the site as well.

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

Back-hoe/excavator, diamond drill, ski-doo's, ATV's and or side by sides.



What type of drilling will take place? (e.g. core drilling, reverse circulation)  
Core 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	<u>na</u>	
Line cutting	▶ Estimated total line length	<u>0</u>	metres
Mechanized Stripping	▶ Planned Number of stripped locations	<u>17</u>	
	Estimated total area of stripping	<u>3400</u>	square metres
Pitting and Trenching of Bedrock	▶ Planned Number of Pits/Trenches	<u>0</u>	
Mechanized Drilling	▶ Planned drill hole diameter	<u>7.7</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 12 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.

Fuel storage will consist of regular gas for ski-doo's, ATV's, side by side's, camp generator and pick up trucks. Diesel will be on site for the drill rig, fuel pump, water heater for the drill, skidder and or bull dozer as well as camp generator and tent heaters. Diesel may also be on site for the back-hoe or excavator.

### 3. Signature

Name (Last Name, First Name)

MacLachlan, Bruce

Email Address

bruce@emeraldgeologicalservices.com

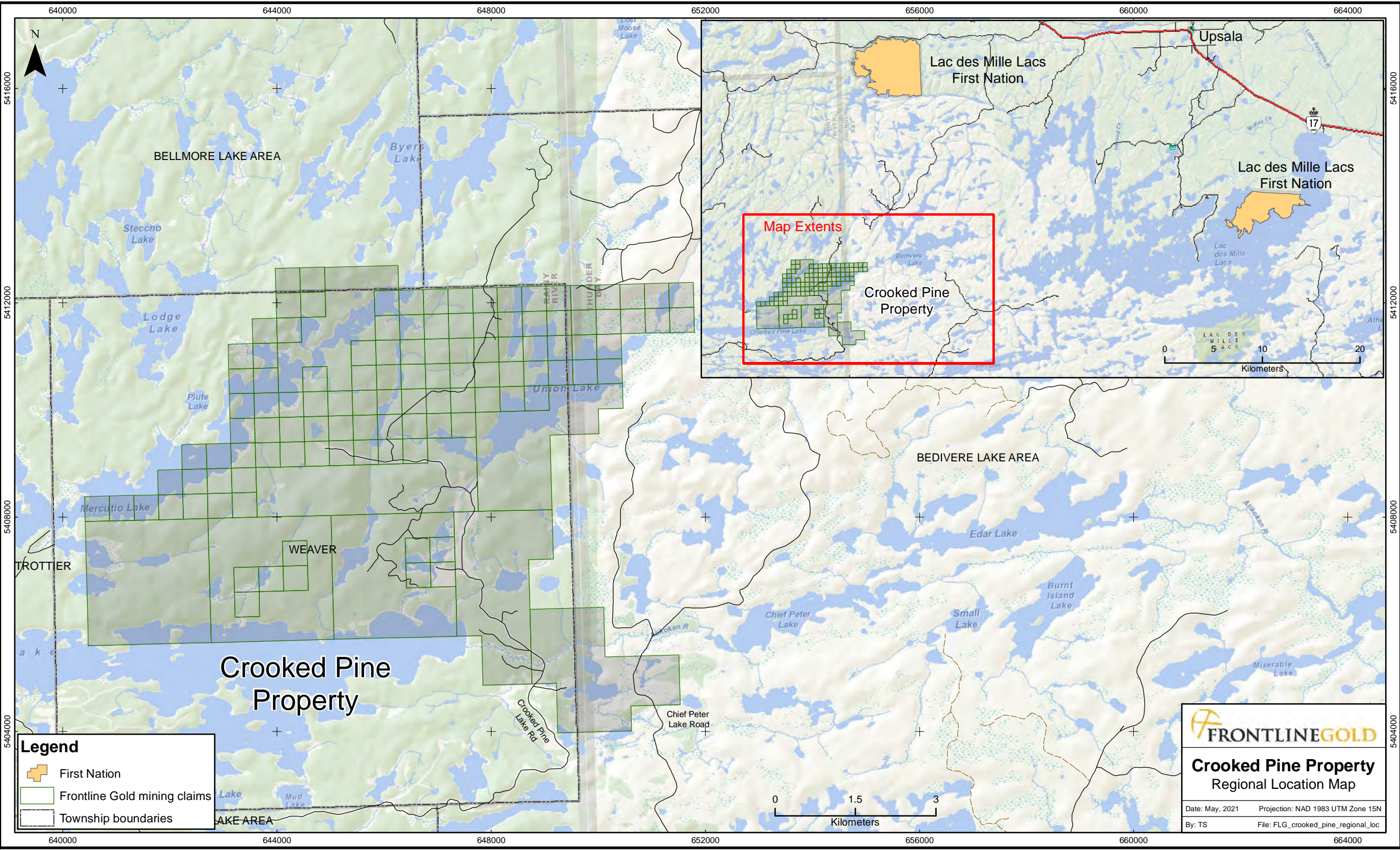
Signature






Date (yyyy/mm/dd)


2021/05/17



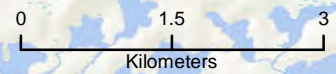


**Legend**

-  First Nation
-  Frontline Gold mining claims
-  Township boundaries

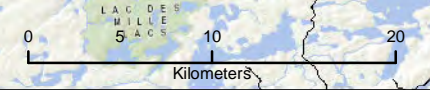
  
**Crooked Pine Property**  
 Regional Location Map

Date: May, 2021      Projection: NAD 1983 UTM Zone 15N  
 By: TS      File: FLG\_crooked\_pine\_regional\_loc

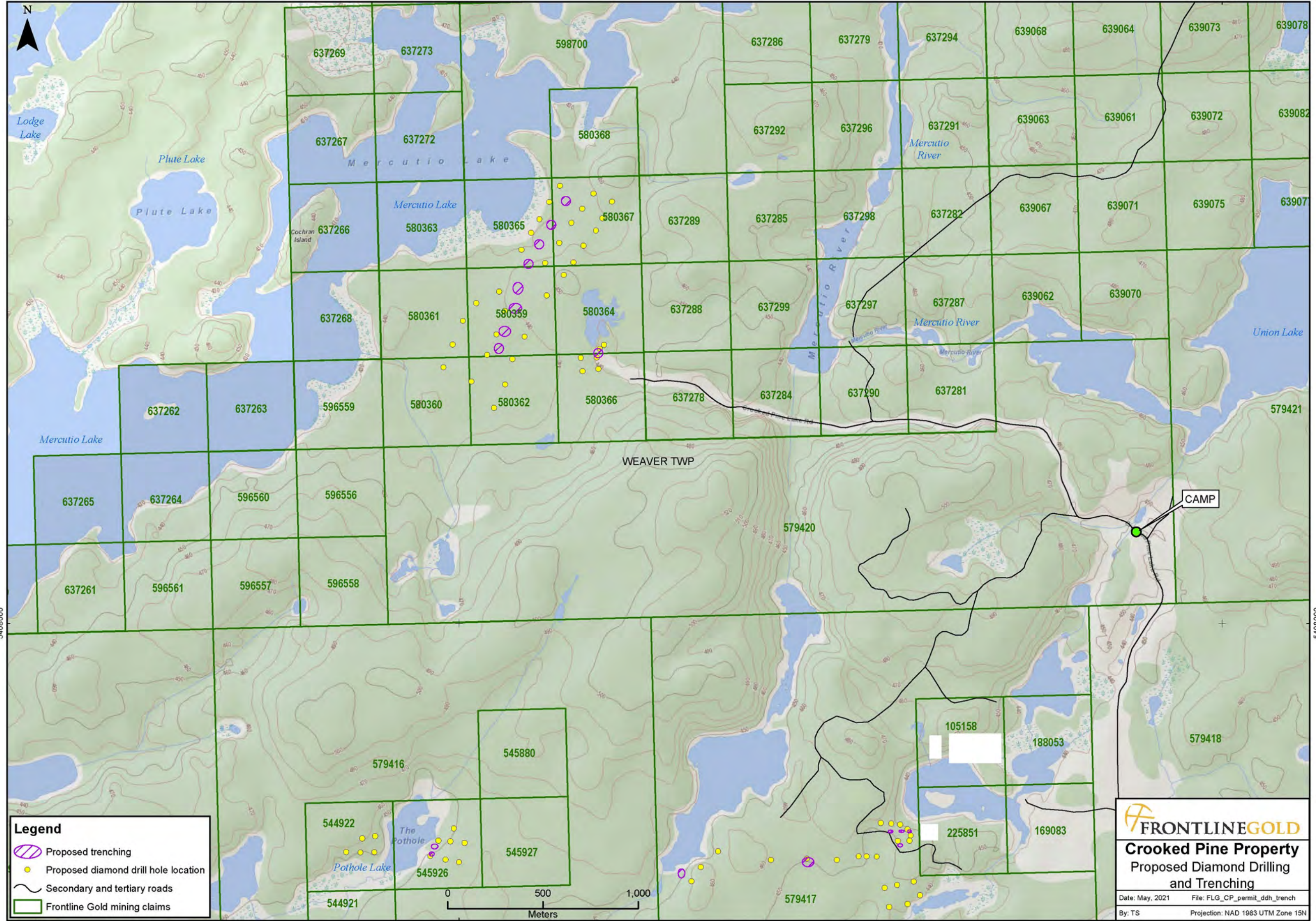


**Map Extents**

**Crooked Pine Property**





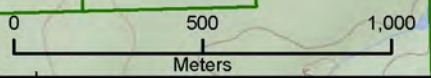



WEAVER TWP

CAMP

**Legend**

-  Proposed trenching
-  Proposed diamond drill hole location
-  Secondary and tertiary roads
-  Frontline Gold mining claims



 **FRONTLINEGOLD**

**Crooked Pine Property**  
Proposed Diamond Drilling  
and Trenching

Date: May, 2021      File: FLG\_CP\_permit\_ddh\_trench  
By: TS                      Projection: NAD 1983 UTM Zone 15N