



Exploration Permit/Permis d'exploration

Number/Numero:

PR-21-000327

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

Geordie Project

Qualified Supervisor/Superviseur qualifié

John McBride

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

Name of Permittee:/Nom du détenteur:

Generation PGM Inc.

Mailing Address:/Adresse postale:

First Canadian Place, 100 King St. West, Suite 7010, Toronto, ON M5X 1B1

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

2022/03/03

to:

2025/03/02

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

100400, 100401, 100402, 100427, 102120, 115085, 116474, 116475, 117047, 117130, 126273, 127580, 128217, 128218, 128219, 128221, 128315, 128993, 142801, 142802, 143481, 143482, 143483, 144771, 145506, 155573, 155574, 156876, 157515, 157537, 157538, 157576, 163522, 163523, 163524, 163605, 163606, 164286, 164287, 164907, 172157, 172158, 172159, 172160, 177739, 177740, 177741, 194148, 201400, 202814, 210762, 211415, 211416, 212177, 212816, 221529, 221530, 222317, 224325, 229575, 230234, 230236, 230249, 230250, 230316, 231612, 231613, 257483, 258266, 258877, 268281, 275490, 275491, 277413, 277414, 277415, 277416, 277445, 277498, 278949, 278950, 278951, 279024, 280334, 287595, 294340, 295623, 296256, 296257, 296258, 296259, 296265, 296266, 296267, 296268, 296295, 296296, 296297, 311420, 311421, 314009, 314010, 314014, 314738, 314739, 325426, 325427, 325554, 325557, 325558, 325559, 325573, 326121, 555293, 555294, 555295, 555296, 555297, 555298, 555299, 555300, 555301, 555302, 555303, 555304, 555305, 555306, 555307, 555320, 555321, 555322, 555323, 555324, 555325, 555326, 555327, 555328, 555329, 555330, 555331, 555332, 555333, 555336, 555337, 555338, 555339, 555340, 555341, 555344, 555345, 555346, 555349, 555350, 555353, 555354, 555355, 555356, 555357, 555358, 555359, 555360, 555361, 555362, 555363, 555364, 555365, 555366, 555369, 555370, 555371, 555372, 555373, 555374, 555375, 555376, 555377, 555378, 555381, 555382, 555383, 555384, 555385, 555386, 555387, 555388, 555389, 555390, 555393, 555394, 555395, 555396, 555397, 555398, 555399, 555400,

555401, 555402, 555405, 555406, 555407, 555408, 555409, 555410, 555411, 555412, 555413, 555415, 555425, 555435, 555440, 555441

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:

Scott Burgess, Director of Exploration

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

2022/03/03

Signature of Director/Signature du directeur:



Additional Terms and Conditions:

Autre termes et conditions:

1) The Permittee shall provide advance written notice of its intent to mobilize or de-mobilize personnel and equipment on the Project Site, with such notice to be provided in the

following manner:

- a) By electronic mail sent to ENDM to the following address: TBAY-MDLB@ontario.ca;
- b) Upon mobilization: Four (4) weeks prior to initial commencement of the permitted early exploration activities and upon recommencement of any such activities following a suspension or period of inactivity of more than four (4) weeks; and
- c) Upon de-mobilization: Not less than one (1) week prior to a planned suspension or period of inactivity of more than four (4) weeks or the completion of the permitted activities.

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 *

Geordie

Name of Early Exploration Proponent *

Generation PGM Inc.

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) *

537616

Northing (m) *

5408129

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.

Explosives would potentially be used for bulk sample collection and trail development, however they would not be stored on site and would be controlled by a certified third party.

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

Pd, Pt, Au, Cu, Ni

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

The work site is accessible by four wheel drive small light vehicles, along the Mink trail starting from the Trans Canada highway 17, 20km west of the town of Marathon. four wheel drive vehicles travel for 7km to laydown area at which point all terrain vehicles are used to travel the remaining 1 km.

Helicopters may be used as well to access areas in the project site that do not have a trail network.

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

Heavy equipment will be floated to the Mink trail head 20km west of the town of marathon. Equipment will be walked along the 11 km trail to the exploration site. For remote locations where there is no trail access the equipment will be flown into site.

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

Diamond drills, RC drills, excavators, dozer, helicopters, generators, geophysical equipment, geotechnical equipment.

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

Majority of drilling will be diamond core drilling, NQ, with potential for reverse circulation to confirm reserve modeling.

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, EM, Gravity, Seismic, Magnetics

Line cutting ▶ Estimated total line length 20000 metres

Mechanized Stripping ▶ Planned Number of stripped locations 10
Estimated total area of stripping 1000 square metres

Pitting and Trenching of Bedrock ▶ Planned Number of Pits/Trenches 3

Mechanized Drilling ▶ Planned drill hole diameter 4.76 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.

3. Signature

Name (Last Name, First Name)

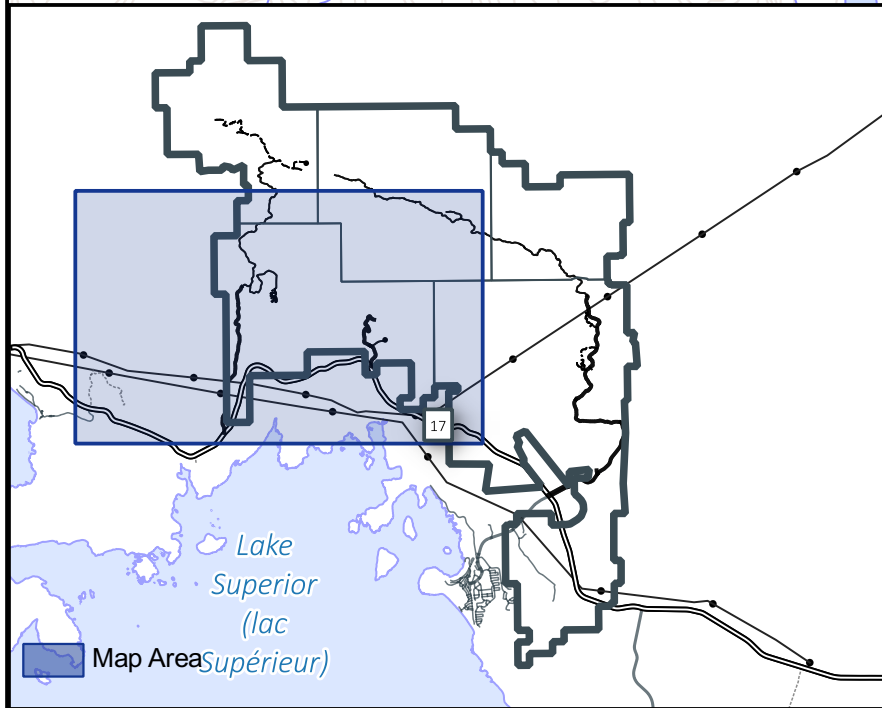
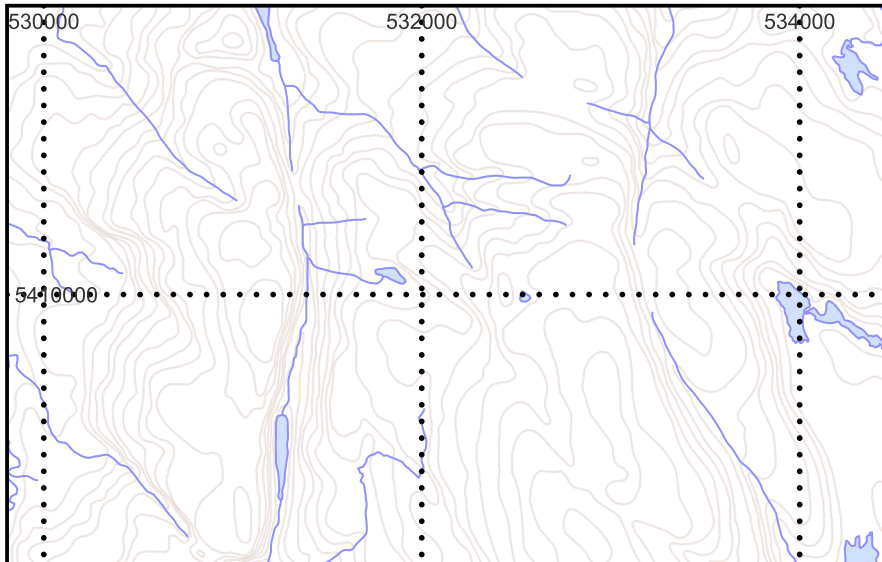
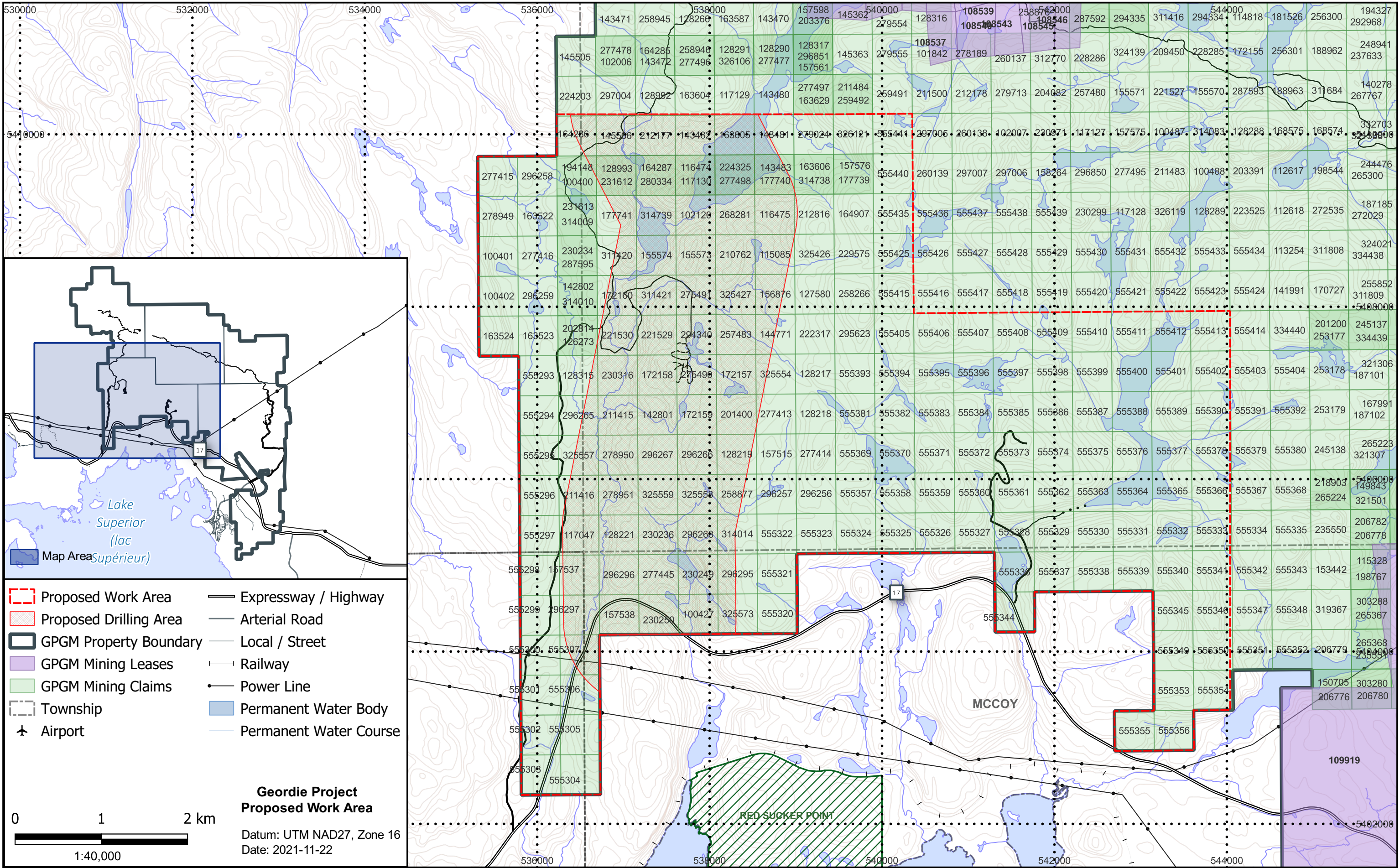
McBride, John

Email Address

jmcbride@genpgm.com

Signature

Date (yyyy/mm/dd)



Geordie Project Proposed Work Area

Datum: UTM NAD27, Zone 16
Date: 2021-11-22

0 1 2 km
1:40,000

- Proposed Work Area
- Proposed Drilling Area
- GPGM Property Boundary
- GPGM Mining Leases
- GPGM Mining Claims
- Township
- ✈ Airport
- Expressway / Highway
- Arterial Road
- Local / Street
- Railway
- Power Line
- Permanent Water Body
- Permanent Water Course

