

Billy-Diamond Road rehabilitation and maintenance work 2023/2024

Application for exemption from liability for the
establishment and operation of a quarry

Report prepared for:



July 20, 2023

Project 23-0215

Production team

Synergis Group

Charles D. Delisle, P.Eng. f.

Project Director

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Junior Project Manager

Prepared by:

Charles D. Delisle ing.f.

Charles D. Delisle
Forest Engineer

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FORM

Preliminary information

PREAMBLE

Chapters 22 and 23 of the James Bay and Northern Quebec Agreement (JBNQA) establish a regime for the protection of the environment and the social environment in the James Bay and Northern Quebec territory. Depending on the type of project, several aspects of these chapters are the responsibility of the Government of Quebec, the Government of Canada or both levels of government. Some projects may also fall under the jurisdiction of the Cree Nation Government when they are carried out on Category IA lands in James Bay. Title II of the [Environment Quality Act \(EQA\)](#) sets out the environmental and social impact assessment and review procedures that apply in the James Bay region (section 133 of the EQA) and Northern Quebec (section 168 of the EQA).

Projects listed in Schedule A of the EQA are subject to one or other of the procedures applicable in northern environments, unlike those listed in Schedule B, which are exempt. Projects that are not listed in these annexes are considered "grey area" projects. Anyone intending to undertake a project in a northern environment listed in Schedule A of the EQA must apply for a certificate of authorization. For "grey zone" projects, a proponent must apply for a certificate of non-coverage, and the Provincial Administrator will confirm, after analysis of the project by the relevant northern committee, whether the project is not subject to or subject to the [environmental and social impact assessment and review procedure](#). In the first case, a certificate of non-coverage will be issued to the proponent for the project and, in the second, a directive will be developed and sent to him, which will indicate the nature, scope and extent of the impact statement that he must prepare. Thus, except for projects listed in Appendix B, a proponent must send a preliminary information form to the JBNQA Provincial Administrator.

If necessary, it is possible to confirm whether your project corresponds to an activity listed in Schedules A and B of the EQA or to a "grey zone" project by sending a request for verification of coverage, including a short description of your project, its location and its anticipated impacts to the following email address: dgees-assujettissement@environnement.gouv.qc.ca.

The preliminary information form is used to describe the general characteristics of the project. It must be completed in a clear and concise manner and the information provided must be limited to the elements relevant to the proper understanding of the project, its impacts and the issues apprehended.

In accordance with the EQA, the preliminary information form is sent to the Evaluation Committee (COMEV), if the project concerns the region south of the 55th parallel (James Bay), or to the Kativik Commission de la qualité de l'environnement (CQEK), if the project concerns the territory north of the 55th parallel (Northern Quebec/Nunavik). These two committees review the preliminary information and, for projects listed in Schedule A of the EQA, produce a recommendation on the directive indicating the nature, scope and extent of the Impact Statement to be prepared by the proponent. For "grey area" projects, these committees produce either a recommendation (COMEV) or a decision (KEQC) as to whether the project should be subject to the procedure. These recommendations and decisions are then forwarded to the Provincial Administrator, who communicates his decision to the proponent. This may take the form of the issuance of a certificate of non-liability in the case of projects not subject to the procedure or the issuance of a directive for those subject to it.

The Evaluation Committee is a tripartite committee composed of representatives appointed by the Cree Nation Government and representatives of the Government of Canada and the Government of Quebec. The Kativik Environmental Quality Commission is a bipartite committee composed of Inuit or Naskapi representatives appointed by the Kativik Regional Government and representatives of the Government of Quebec. In carrying out their functions, these two committees pay particular attention to the following principles, which are set out in sections 152 and 186 of the EQA:

- a) protection of Aboriginal hunting, fishing and trapping rights;
- b) protection of the environment and the social environment;
- c) the protection of Indigenous peoples, their societies, communities and economies;
- d) the protection of wildlife, physical and biological environments and ecosystems of the territory;
- e) Aboriginal Rights and Guarantees on Category LandsII;
- f) Cree, Inuit participations and Naskapi to the application of the environmental and social protection regime;
- g) the rights and interests, whatever they may be, of non-Aboriginal; and
- h) the right to carry out projects, which is possessed by persons acting lawfully in the territory.

It should also be noted that the preliminary information form will be published on [the Environmental Assessment Registry](#) under section 118.5 of the EQA, and only for projects for which a directive will be issued. [COMEV](#) and [KEQC](#) also publish preliminary information forms on their websites.

Since May 2022, the applicant for any authorization must file, as a condition of issuing an authorization, the statement of background. This declaration replaces the applicant's declaration. You will find the form to be completed at the following email address: <https://www.environnement.gouv.qc.ca/evaluations/declaration-antecedents.pdf>.

The preliminary information form must be accompanied by the payment under the Environmental Authorization Application Fee System. This payment can be made by cheque payable to the Minister of Finance or by bank transfer. Details of applicable tariffs are available in the [Pricing section](#) of the environmental assessment website. It should be noted that the Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs (MELCCFP) will not process the application until payment has been received.

Once the preliminary information form has been completed, the proponent must send it, along with the letter of transmittal, to the JBNQA Provincial Administrator:

- Send an electronic version of the documents (form and letter of transmittal) to reception.30e@environnement.gouv.qc.ca with a copy of the Deputy Minister (marie-josee.lizotte@environnement.gouv.qc.ca) and Vanessa Chalifour, Northern Projects Team Coordinator/Team Leader (vanessa.chalifour@environnement.gouv.qc.ca). The letter of transmittal must confirm that the paper versions are consistent with the electronic versions. If the electronic documents are very large, see the last point.
- Send a hard copy of the documents (French) to the Deputy Minister's office at the following address:

Provincial Administrator of the James Bay and Northern Quebec Agreement
Deputy Minister of the Environment, the Fight Against Climate Change, Wildlife and Parks
Marie-Guyart Building, 30th floor
675 René-Lévesque Blvd. East, Box 02
Quebec (Quebec) G1R 5V7

- Send other hard copies and USB keys (including English and French) to the Environmental Assessment of Industrial, Mining, Energy and Northern Projects Directorate at the following address:

Ms. Mélissa Gagnon, Director
Environmental Assessment Directorate
industrial, mining, energy and northern projects
Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs
Marie-Guyart Building, 6th floor, box 83
675 René-Lévesque Blvd. East
Quebec (Quebec) G1R 5V7

Projects south of the 55th parallel (James Bay)
Nine (9) hard copies, six (6) in French and three (3) in English
Three (3) copies in PDF format on computer media
Additional copies may be requested depending on the size of the project.

Projects north of the 55th parallel (Northern Quebec/Nunavik)
Fourteen (14) hard copies, seven (7) in French and seven (7) in English
Three (3) copies in PDF format on computer media
Additional copies may be requested depending on the size of the project.

- In the event that electronic documents are very large:

Inform the Environmental Assessment of Industrial, Mining, Energy and Northern Projects Directorate (vanessa.chalifour@environnement.gouv.qc.ca), and a secure link allowing you to submit your documents on the ShareFile platform will be shared with you. This link will be valid for seven days. Attach the letter of transmittal to the sending email, indicating that the electronic version will be sent via the Environmental and Strategic Assessment Branch (ESAB) ShareFile platform.

1. IDENTIFICATION AND CONTACT INFORMATION OF THE SPONSOR

1.1 Identification of the sponsor	
Name: Blais & Langlois inc.	
Street Address: 3100, Boulevard industriel, Matagami (Québec) J0Y 2A0	
Mailing address (if different from street address):	
Name and position of signing authority(s) to submit the application: Guillaume Marchand, Director	
Phone Number: 418-338-9555 #145	Phone number (other): 819-350-5476
Email: g.marchand@emfvicto.com	
1.2 Company number	
Québec enterprise number (NEQ): 1142754960	
1.3 Resolution of the municipal council, band council, northern village or responsible agency	
If the proponent is a municipality, the preliminary information form contains the resolution of the municipal council, band council, northern village or responsible body duly certified authorizing the signatory(s) of the application to submit it. Add a copy of the resolution to Appendix I.	
1.4 Identification of consultant mandated by the proponent (if applicable)	
Name: Charles D. Delisle	
Street Address: 300-1689 du Marais Street, Quebec City, Quebec G1M 0A2	
Mailing address (if different from street address):	
Phone Number: 1(866) 380-0513 ext.206	Telephone number (other): 581 888-9126
E-mail: cdelisle@synergis.ca	
Description of the mandate: The mandate consists in assisting the client in the various requests necessary to allow the establishment and operation of a quarry in accordance with the laws and regulations in force as well as representing the client before the various organizations consulted.	

2. OVERVIEW OF THE PROJECT

2.1 Project Title
2023/2024 rehabilitation and maintenance work on Billy-Diamond Road, in the municipality of Eeyou Istchee James Bay, involving the establishment and operation of a quarry and incidentally the use of a mobile asphalt concrete plant.
2.2 Item of coverage
The purpose of this application is to verify that Schedule A of the <i>Environment Quality Act</i> is exempt from being subject to the opening of a new quarry with an extraction area of 2.99 ha, located at km 440 along BillyDiamond Road. The use of a mobile asphalt concrete plant is incidental to the quarry site.
2.3 Project Objectives and Rationale
The project is part of "Phase II" of the rehabilitation of Billy Diamond Road-, authorized by the Société de développement de la Baie-James. The objective of this infrastructure project is to improve the safety of users and ensure the sustainability of the road. The elements targeted by this project include pavement repairs and the replacement of deficient culverts.

2.4 Summary description of the project and variants of implementation

The supply of granular materials will be required to complete the planned work. These include the replacement of culverts; pavement structure and restraint systems, pavement markings, etc.

Currently, Blais & Langlois Inc. does not hold any quarry operating lease in the locality of the planned work. A quarry with an extraction area of 2.99 ha is requested to allow the various works to be carried out. This requested area also includes 1.97 ha of topsoil storage and 2.87 ha of storage and crushing. In addition, a 261 m access road linking Billy Diamond Road to the site will be built. This development will require deforestation and backfilling.

The operating life of this quarry is estimated at 2 years. An estimate of 150,000 tonnes of aggregates is required to carry out the mandated work.

The first phase of quarry mining consists of stripping topsoil and open soil (overburden) on the mining area. The topsoil will be kept in piles in the dedicated area, while the open soil will be used to develop the work areas. Surplus open soil will be kept in piles in the designated storage area (see quarry location map).

Once the rock is bare, a drilling and blasting campaign will take place. The raw rock will then be conditioned by crushing and sieving according to particle size requirements.

At the end of the activities, the redevelopment and restoration of the quarry will be carried out. The stored soils will be backfilled on a reverse slope to create an environment conducive to the formation of wetlands in the depression created. The revegetation work will make it possible to reconstitute a soil and a permanent natural vegetation cover adapted to the environment.

The operation will be carried out in compliance with the standards and obligations described in the *Regulation respecting quarries and sand pits* (RCS; Q-2, r.7.1), *in the Environment Quality Act* (EQA; c Q-2) and *in the Regulation respecting the regulation of activities based on their impact on the environment* (REAFIE; c Q-2, r. 17.1).

The general location plan and the quarry location plan shall be attached to this application.

2.5 Related Activities

A mobile asphalt concrete plant will be located incidentally near the quarry in demand to meet needs. This will limit the transport of raw material, aggregates.

3. LOCATION AND TIMELINE OF THE PROJECT

3.1 Identification and location of the project and its activities

Name of the municipality, village or community where the project is to be carried out (indicate if more than one municipality, village or community is affected by the project):

The project will be located on the territory of the Eeyou Istchee James Bay Regional Government, near km 440 of Billy-Diamond Road (see general location map).

Land categories (I, II or III): III

Geographic coordinates in decimal degrees of the project center point (for linear projects, provide the coordinates of the project start point and end point):

Project Center or Start Point: Latitude: 52.573415 Longitude: -77.348909

Project end point (if applicable): Latitude: Longitude:

3.2 Project Site Description

Physical environment

The area of the study site is within the Great River Low-Hills Natural- Province, which is included in the Superior Geological Province. The base of the sector is of Archean age. It is dominated by tonalite, with gneissic rocks (paragneiss) and some bands of volcanic rocks (basalt). At the study site, the geological zone is defined as hematitized white pegmatite (I1G). A relief of undulating plains is present, with abundant bare rocky surfaces. A rocky outcrop is present on the site under study. The study site is a

rocky mound oriented northwest/southeast. Its height is estimated at 16 m, i.e. having a maximum elevation of 232 m.

Hydrographically, several lakes and streams are present in the area, including Kachistasakaw Lake and Maschakw Lake and Creek located near the site. A distance of 30 m has been defined with its environments, in accordance with the regulations in force.

Biological environment

The area is located in the open boreal forest sub-area, present between latitudes 52°N and 55°N. More specifically, the sector is present in the bioclimatic domain of lichen spruce. This area is distinguished by a low density of forest cover. Black spruce, whose vegetative reproduction is favoured by the harsh climate and low rainfall, punctuates the carpet with lichens. Balsam fir and jack pine reach the northern limit of their range. Forest fires are the main natural disturbances of this ecosystem. According to the Northern Ecoforest Inventory, the study area was completely burned in 2002.

Protected areas are present in the area. A proposed biodiversity reserve as well as land reserves for protected area purposes are identified by the ministry. The nearest protected area is more than 12 km away.

No occurrence of species with precarious status is present in the locality of the requested site, according to the Centre de données sur le patrimoine naturel du Québec (CDPNQ). However, in the region, some species of small mammals, birds of prey and herbaceous plants are recorded.

Human environment

Located in the administrative region of Nord-du-Québec, the proposed area is located near Billy-Diamond Road, a road linking Matagami and Radisson. This road is important because it provides access to the various Cree and Jamesian communities.

No building is present within 2.4 km of the study site.

Economically, this road provides access to the hydroelectric network as well as various mining and forestry projects. Other users engaged in various activities such as hunting, fishing, ATV and snowmobiling also circulate there.

In case of discovery of archaeological artifacts, a complete halt of the work will be carried out and the competent authorities will be contacted. A procedure will be put in place to conserve the archaeological remains with the help of the competent authorities. Work will resume on the advice of the competent authorities.

3.3 Timeline

The work will be carried out from fall 2023 to the end of summer 2025. The restoration and redevelopment period will be carried out following the closure of the site.

3.4 Location map

The general location plan and the quarry location plan are presented in Appendix 2.

4. INFORMATION AND CONSULTATION ACTIVITIES FOR THE PUBLIC, ABORIGINAL COMMUNITIES AND LAND USERS

4.1 Information and consultation activities carried out

If applicable, mention the terms and conditions for the public information and consultation activities carried out as part of the project design (methods used, number of participants and communities represented), including those carried out with local populations, including Cree, Inuit and Naskapi, as well as land users. Identify the concerns raised and explain how they were considered in the project design.

A letter of intent for the implementation project was sent to adjacent communities to obtain their opinion on the project and the selected site. We are waiting for an answer.

4.2 Information and consultation activities envisaged during the preparation of the environmental and social impact assessment

Where applicable, mention the procedures relating to public information and consultation activities during the conduct of the environmental and social impact assessment, including those envisaged with indigenous communities and users of the territory concerned.

No public information activities are planned at this time. This will be assessed based on the responses received from the targeted consultations.

5. DESCRIPTION OF THE MAIN ISSUES¹ AND ANTICIPATED IMPACTS OF THE PROJECT ON THE RECEIVING ENVIRONMENT

5.1 Description of Key Project Issues

For the development, construction and operation phases and, if applicable, closure and restoration, briefly describe the main issues of the project.

The environmental issues involved in the establishment and operation of a quarry are low since the chosen site is far from any dwelling and the scope of the project is limited (area and time). The site was chosen in order to respect the standards of distance from the sensitive environments of the sector. In addition, measures will be put in place to protect groundwater and respect the emission thresholds for dust, noise, vibration and accidental oil spills.

The issues that attracted the human environment were those concerning the occupation of the territory and the use of the territory by adjacent communities.

The transportation of aggregates on the Billy-Diamond Road is also an issue of safety, infrastructure sustainability and the environment. The nearest available quarries are located approximately 10 km north or south of the requested site. The establishment of a new quarry at this location allows a drastic reduction in transportation on the Billy-Diamond Road

5.2 Description of the main anticipated impacts of the project on the receiving environment

The anticipated impacts for the quarry establishment and operation project are as follows.

Hydrographic system and wetlands

A distance of 30 m will be maintained between the quarry and permanent watercourses and lakes, in accordance with the SCR. According to the MELCCFP, no riparian shrub swamp, marshes or open bog are found near the study site. The site will be located outside of any identified wetlands.

The path is existing. The latter, with a length of 261 m, will avoid any sensitive area.

Surface and groundwater management

A stormwater catchment pond will be constructed on the quarry site, as required.

The water will be infiltrated directly into the soil at the low point of the site, there will be no release of suspended matter into the environment. The nature of the rock in place is not likely to change the pH of the water. The concentration of suspended solids will be less than 50 mg/L and petroleum

¹ Issue: A major concern for the government, scientific community or the public, including affected Indigenous communities, whose analysis could influence the recommendations or decisions of northern committees regarding whether or not to authorize a project.

hydrocarbons (C10-C50) will be less than 2 mg/L. These mergers will comply with Article 26 of the RCS.

In order to prevent the accidental release of contaminated products (e.g. oil leaks) into the environment, the contractor responsible for operating the site must have a petroleum product recovery kit on hand at all times and its personnel must have the necessary training to respond quickly and effectively.

Water from the catchment area will also be used as a dust suppressant to control air emissions. The maximum flow rate required to carry out the activities is estimated at less than 50 m³/d. The geometry of the basin will be adapted to the needs of water withdrawal and the infiltration capacity of the soil. This water withdrawal activity, "use of a dust suppressant-", is not subject to section 22 of the EQA under section 31.75 para. 1 of the EQA.

Air emissions

The following activities may cause dust emissions to the atmosphere if left unchecked:

- Drilling
- Crushing
- Sieving
- Storage
- Transportation of materials

Control measures will be put in place to prevent the emission of atmospheric particles. In this sense, particulate emissions from the drill and material transfer will not be visible more than 2 m from the emission source. The raw equipment can be watered with water from the water basin, when it is too dry.

In order to control the dust that could be emitted on the access road, a dust suppressant such as water from the stormwater catchment pond or calcium chloride meeting the BNQ 2410-300 standard may be used. The control measures carried out will comply with Section III of Chapter VI of the RCS.

Noise

In accordance with Article 24 of the RCS, the noise emitted in a quarry, represented by the sound level of assessment obtained at the dwelling or public institution, will not exceed, for any interval of 1 hour, the highest of the following sound levels:

1. Residual noise;
2. 40 dBA between 7 p.m. and 7 a.m. and 45 dBA between 7 a.m. and 7 p.m.

It is important to note that no dwellings are present within a radius of 2.4 km from the site.

Vibration

In order to comply with the obligations relating to vibrations related to blasting activities, a procedure of good blasting practices, certified by an engineer or geologist, will be implemented and maintained. This procedure will include:

1. A communication program with citizens living within a radius of 1 km, as well as with the municipalities concerned, if applicable;
2. A vibration monitoring program, i.e. air overpressure and particulate velocity.

The quarry operator will record the data collected as part of the vibration monitoring program and the following information:

1. The name, contact details and occupation of the person who carried out the measurements;
2. The geographical coordinates of the measuring points;
3. A description of the measuring apparatus used, its accuracy and the date of its last calibration;
4. Weather conditions and any other data or observations that may influence the measurement or propagation of vibrations;
5. The start and end date and times of the measurement period;
6. A statement by the person who made the measurements attesting that the measurements were made in accordance with the program and generally recognized practices and good practice.

The operator will keep the good practice procedure and the data recorded in the register for a period of 5 years from the date of their registration. The procedure and data will be provided to the Minister upon request.

Potential habitat and status species

No species with status or potential habitat are present in the locality of the study area based on available data.

Mitigation measures may be required by the Ministère des ressources naturelles, de la Faune et des Parcs (MRNF) or the ministerial authorization requested from the Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs (MELCCFP).

In the case of a "grey zone" project, provide sufficient information to assess the environmental and social impacts to determine whether it should be subject to the environmental and social impact assessment and review procedure. Outline planned mitigation or remediation, if applicable.

6. GREENHOUSE GAS EMISSIONS

6.1 Greenhouse gas emissions

Greenhouse gases will be produced by different emission sources for this project to establish and operate a quarry. The equipment necessary for the activities is operated on fossil fuels (diesel, gasoline), which inevitably leads to the production of greenhouse gases. The small surface area in operation and the reduced distance from the work will minimize the greenhouse gases produced.

The equipment used using fossil fuels is as follows:

- Brushcutter;
- Mechanical shovel;
- Drill;
- Dynamiting;
- Crusher;
- Siever;
- Off-road truck;
- Transport of another type.

7. OTHER RELEVANT INFORMATION

7.1 Other relevant information

Not applicable.

8. DECLARATION AND SIGNATURE

8.1 Declaration and signature
<p>I declare that:</p> <p>(1) <i>the documents and information provided in the preliminary information form are accurate to the best of my knowledge.</i></p> <p><i>Any false declaration may result in penalties under the EQA. All information provided will form an integral part of the application and will be published on the websites of the Evaluation Committee (COMEV) or the Kativik Environmental Quality Commission (KEQC) as well as on the Environmental Assessment Registry.</i></p>
First and last name
Charles D. Delisle
Signature
<i>Charles D. Delisle ing.f.</i>
Date
July 20, 2023

Annexe 1

Mandate resolution of Blais & Langlois Inc.

**Résolution du conseil d'administration de Blais & Langlois inc.
dont le siège social est situé au 3100, Boulevard industriel,
Matagami (Québec) J0Y 2A0 en date du 13 juillet 2023**

Attendu que Blais & Langlois inc. désire procéder aux différentes étapes d'une étude d'évaluation des impacts sur l'environnement et le milieu social (EIEMS) et d'une demande de bail exclusif d'exploitation (BEX) concernant l'implantation et l'exploitation d'une carrière et d'une usine de béton bitumineux mobile près du kilomètre 440 de la route Billy-Diamond dans la municipalité d'Eeyou Istchee Baie-James.

Attendu que les différentes étapes en lien avec l'EIEMS et le BEX nécessiteront diverses demandes concernant l'exploitation de substances minérales et d'une usine de béton bitumineux mobile seront effectuées auprès du ministère des Ressources naturelles et des Forêts (MRNF), du ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs (MELCCFP), du Gouvernement régional d'Eeyou Istchee Baie-James et du comité d'évaluation COMEV.

Il est proposé

d'autoriser Charles D. Delisle, ing. f. et Audrey Vallée, M. Sc. à signer les documents requis et les soumettre aux autorités compétentes au nom de Blais & Langlois inc.

d'attester que tous les renseignements et documents transmis dans le cadre de la demande sont complets et exacts.

Copie certifiée conforme le 13 juillet 2023

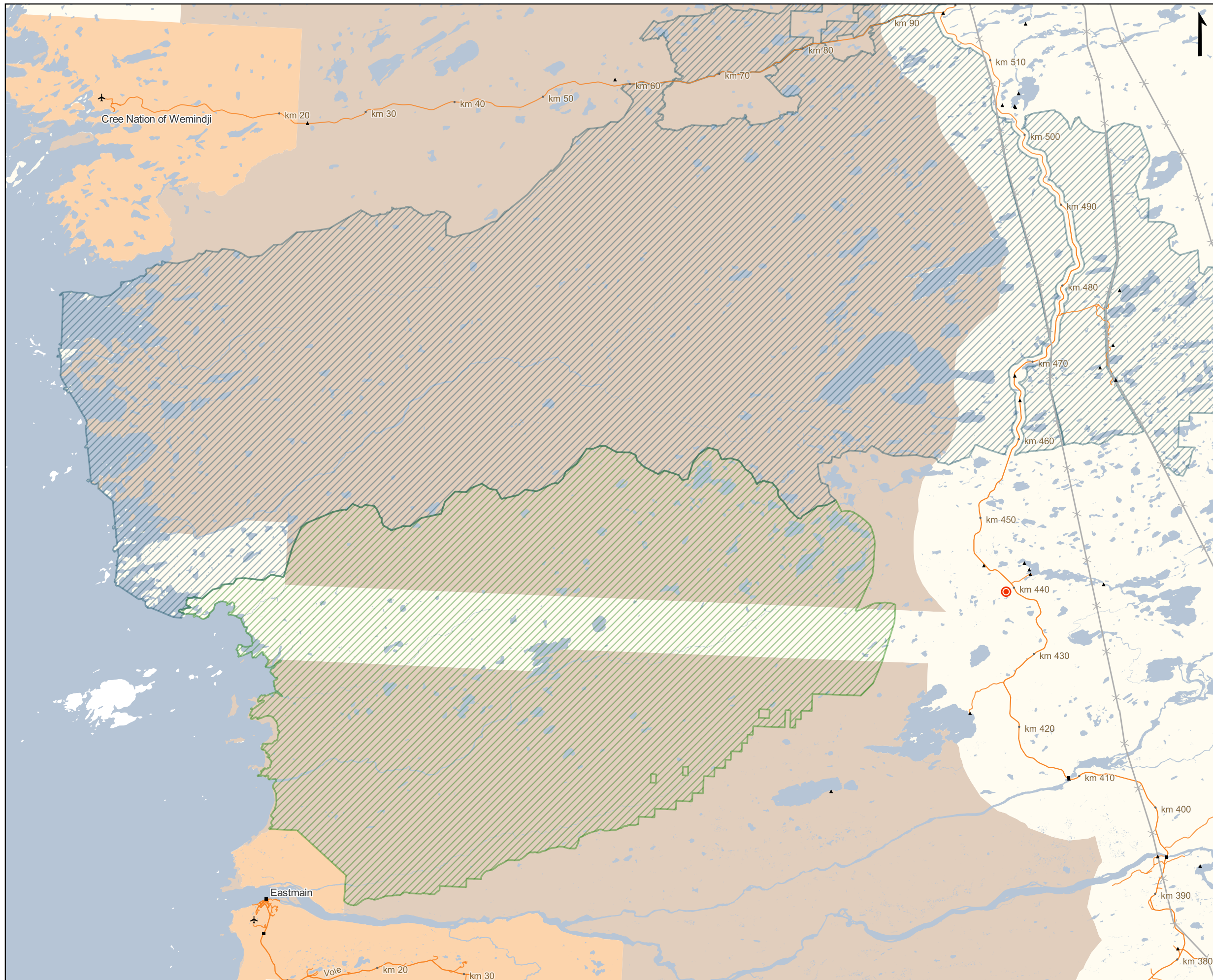


Dûment autorisé par le conseil d'administration

Annexe 3

Site location maps

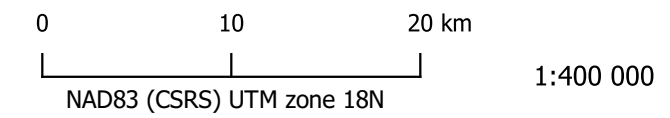
- Map 1: general site location plan;
- Map 2: quarry location map;



Carte 1 Localisation générale

- Composante**
- Sites en demande
- Composante routière**
- Repère kilométrique
 - ▲ Bail de villégiature
 - Pont
 - ✈ Aéroport
 - Route locale
 - × Réseau hydroélectrique
- Limite**
- Aire protégée**
- ▨ Refuge d'oiseaux migrateurs
 - ▨ Réserve de biodiversité projetée
 - ▨ Réserve de territoire aux fins d'aire protégée
- Classification des terres**
- Terre de catégorie I
 - Terre de catégorie II
 - Terre de catégorie III
- Réseau hydrographique**
- Surfacique

Source de données:
Composantes routières, Adresse Québec 2021; Réseau surfacique et linéaire hydrographique, GRHQ 2019; Registre des aires protégées, MELCCFP 2023; Entente - GESTIM, MRNF 2023; Repère kilométrique, MTMD 2023; Cadastre fédérale, Gouvernement du Canada 2023; Composantes, Groupe Synergis 2023.



Demande de non-assujettissement pour l'ouverture d'une carrière, d'une sablière et l'utilisation d'une usine mobiles de béton bitumineux

Renseignements préliminaires

Blais & Langlois inc.
Projet: 23-0251

2023-07-12
Approuvé par:

Charles D. Delisle ing.f.



Note: Cette carte n'a aucune valeur légale, seul un arpenteur-géomètre peut se prononcer sur l'exactitude des informations géographiques.

Coordonnées des sommets
de l'aire d'exploitation

X	Y
1: 340160, 5827546	
2: 340304, 5827405	
3: 340317, 5827199	
4: 340397, 5827127	
5: 340283, 5827001	
6: 340104, 5827161	
7: 340170, 5827234	
8: 340160, 5827315	
9: 340049, 5827436	

NAD83 (CSRS) UTM zone 18N

Carte 2 Exploitation d'une carrière

Composante

- Sommet de l'aire d'exploitation
- Chemin d'accès existant (964 m)
- ▭ Aire d'exploitation (8,68 ha)
- ▭ Aire d'extraction
- ▭ Aire d'entreposage et de concassage
- ▭ Aire d'entreposage des terres végétales

Équipement

- ◆ Concasseur et tamiseur mobile
- Pile d'entreposage
- ▲ Usine mobile de béton bitumineux
- ◆ Chargement et déchargement

Contrainte

- ▭ Claim
- ▭ Zone de restriction

Milieu humide potentiel

- ▭ Marécage arbustif
- ▭ Milieu humide
- ▭ Tourbière boisée ombrotrophe
- ▭ Tourbière ouverte ombrotrophe
- ▭ Tourbière ouverte indifférenciée
- ▭ Eau peu profonde
- ▭ Marécage arbustif (photo-interprété)

Réseau hydrographique

- ▭ Surfacique

Linéaire

- Permanent
- Permanent (photo-interprété)

Réseau routier

- Route locale
- Borne kilométrique

Courbe topographique

- Élévation (5 m)

Source de données:
Composantes routières, Adresse Québec 2021; Réseau surfacique et linéaire hydrographique, GRHQ 2019; Milieux humides potentiels, MELCCFP 2019; Élévation, Canvec 2023; Orthophoto, Apolo mapping, 2023; Composantes et zone de contrainte, Groupe Synergis 2023; Google satellite, Google 2014; Claim, GESTIM 2023.

0 100 200 m

NAD83 (CSRS) UTM zone 18N

1:7 500



Demande de non-assujettissement pour l'ouverture
d'une carrière, d'une sablière et l'utilisation d'une
usine mobiles de béton bitumineux

Renseignements préliminaires

Blais & Langlois inc.
Projet: 23-0251

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**BLAIS &
LANGLOIS**

GRUPE
SYNERGIS

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Shawinigan (Québec) G9N 4W1

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Mashteuiatsh (Québec) G0W 2H0

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