

Environmental Assessment
Registration Document
Airport Road Access
Bishops Falls, NL

Environment Assessment File #:

Quarry Application #: 7111 3245

Attention: Minister of Environment and Climate
Change

Table Of Contents

Name of Undertaking	3
Proponent	3
The Undertaking	3
Description of Undertaking	3
Approval of Undertaking	7
Schedule	7
Funding	7
Proposed Quarry and Access Road	8
Larger Scale Map	9
Land Use Map	10
Location of Quarry in Province	11
Topographical Map	12
Proposed Quarry Co-ordinates	13

Registration of Undertaking, NFLD Inc.

NAME OF UNDERTAKING:

Acquisition of Quarry, Bishops Falls, NL

PROPOSER:

- (i) 10947 NFLD Inc.
- (ii) Chief Executive Officer/Director: **Allister Snow, Owner Operator,**
44 Burnt Arm Road Laurencton, NL A0G 2Z0
- (iii) Principal Contact Person: **Allister Snow, Owner Operator/Director,**
- (iv) 44 Burnt Arm Road Laurencton, NL A0G 2Z0

THE UNDERTAKING:

(i) Name of Undertaking:

Allister Snow Quarry – **7111 3245**, Bishops Falls, NL existing access road off of Airport Road on Botwood Highway Route 350. Development of a 1 Hectare sand and gravel Quarry. The location of this quarry is in Central Newfoundland, Bishops Falls, NL and sits adjacent to existing quarries.

(ii) Purpose/Need of Undertaking:

Quarry contents of sand and gravel will be required for purpose of developing and maintaining construction business within the Bishops Falls and surrounding areas. Providing sand and gravel to customers as needed in the area for various construction projects and development as they arise.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographical Location: 1 hectare site located off airport road on Botwood Highway adjacent to existing quarries near Bishops Falls, NL. see attached Topographical Map. Connecting to Route 350 along the Botwood highway.

(ii) Physical Features:

This project will require no buildings or other large structures to be constructed within the site. Primary feature will be the extraction of the quarry contents for use off of quarry site.

Size: 1 Hectare: See attached Map Page 13 for proposed quarry co-ordinates

(Artist drawing/visual rendering/aerial imagery attached)

This quarry will connect along Route 350, along the Botwood Highway. A land cover of mainly trees, alders and shrubs.

Land use map attached to demonstrate land use surrounding proposed quarry on a larger scale. (page 10)

No physical and or biological environments within the area that would potentially be affected by this project. No bodies of water, no protected areas.

Wildlife in the immediate area are Moose, Coyotes, Rabbits, and bears. Project is outside of residential/public/commercial/industrial and recreational infrastructure. No potential adverse environmental affects with this project.

No pipelines and No transmission lines currently exist on this quarry.

No marine impact as the quarry is not in close proximity of marine life.

(iii) Construction:

No physical construction of buildings or other construction related activities planned at this point. Main point of quarry is to remove contents as needed by potential customers. Quarry will need some clearing and grubbing as well as some development and organization in preparation for removal of contents.

There are no expected run offs or erosion episodes during grubbing of the quarry during the land clearing phase. Drainage ditches can be constructed along the barriers of the construction area to mitigate this risk. If the unexpected should occur measures such as sand barriers, drainage ditches, etc can be readily available to prevent drainage into vegetated areas.

Site Access: The access will be via route 350 onto Airport road which leads to an access road that currently exists and will lead to the proposed quarry site.

Construction equipment needed to complete road access and the grubbing of some areas are front end loaders, excavators and dump trucks. These will have potential for diesel emissions while in operation and potential for liquid effluents leakage and air emissions, noise, and hydrocarbon release from heavy equipment which will be constantly monitored.

The existence of these potential pollutions will be continuously monitored and measures will exist to limit the impact to the area.

Such measures will include the following:

- Ensuring proper maintenance of equipment (mufflers, filters, etc)
- Emission control mechanisms as required.
- Quarry exists outside of residential areas reducing the risk of noise emission.
- Operations will not continue into the night hours to reduce the noise risk to area and wildlife existence.
- During summer months or any other dry season, the use of water may be required to reduce dust emissions in the quarry and roads.
- No sewage facilities located in this site
- No storage of hazardous materials onsite

The operation of heavy equipment within the quarry has an increased risk of diesel fuel, oils and fluids. This risk will be mitigated by ensuring no storage of these fluids on site, emergency spill kits on site at all times as well as familiarization in using these kits in response to a spill. Any repairs, service requirements etc will be done at an appropriate business offsite.

Equipment that will be onsite within quarry during operation are as follows:

- Front-end loader
- Excavator
- Dump truck
- Gravel/sand screening equipment

(iv) Operation:

Project will commence upon approval of process and release of Quarry to proponent. Potential first period of operation to begin in Summer 2024 or upon approval. Construction season demand will determine usage and potential impacts on area. Some grubbing of trees, alders and shrubs will be required upon use of quarry which will be removed or repurposed as necessary. Any waste that cannot be repurposed will be removed from the site and placed at local Waste Management Facilities for disposal. (Norris Arm Waste Management site is nearest to proposed quarry). All materials gathered while grubbing the area (soil, organics, trees, shrubs etc) will also be repurposed within the quarry and/or disposed of at the local Waste Management Site.

Regular quarry operation will commence upon approval. The forecasted operation includes excavation and removal of sand and gravel from quarry using excavation and removal of materials from quarry via dump truck.

Construction equipment such as loaders, excavators and dump trucks will have diesel emissions while in operation and potential for liquid effluents and air emissions, noise, and hydrocarbon release from heavy equipment which will be constantly monitored.

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(v) Potential Resource Conflicts during Operation:

This quarry exists outside residential area. Often times recreational activities may exist in the area, dirt bike riding, hiking and hunting. The access to the area can be controlled by use of gate, signs and barriers to mitigate potential access by public.

(vi) Occupations:

Owner operator/Director , Allister Snow, sole employee. Sole employee to be working on site during construction and operation phase of this project. Owner

operator is qualified to operate machinery as a heavy equipment operator (NOC 7521).

Construction Phase: 1 month, to begin upon approval or as construction season begins (Summer 2024, (June)

Operation: Will continue annually from spring to fall of each year upon demands of construction industry

(vii) Project Related Documents:

Awaiting Approval by NAV Canada

No other related documents required for this project

APPROVAL OF UNDERTAKING:

Quarry permit required from Department of Minerals and Lands

SCHEDULE:

Summer 2024-construction project will commence or earlier if approval and permits are in place.

CAPITAL COST AND FUNDING:

No capital cost and funding required. Funding will be solely provided by owner/operator and will be estimated at less than \$10,000 to develop quarry and improve access road to quarry.

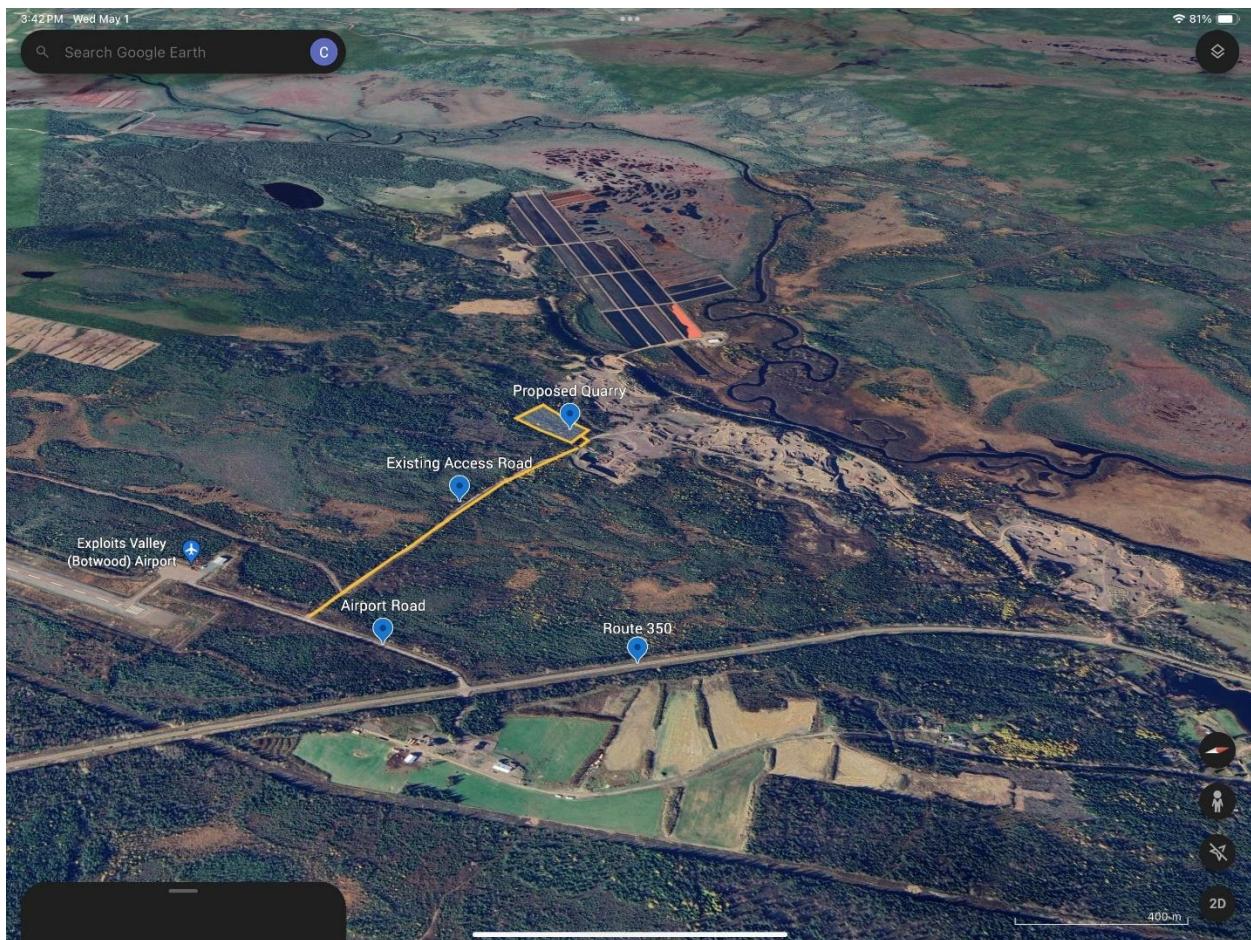
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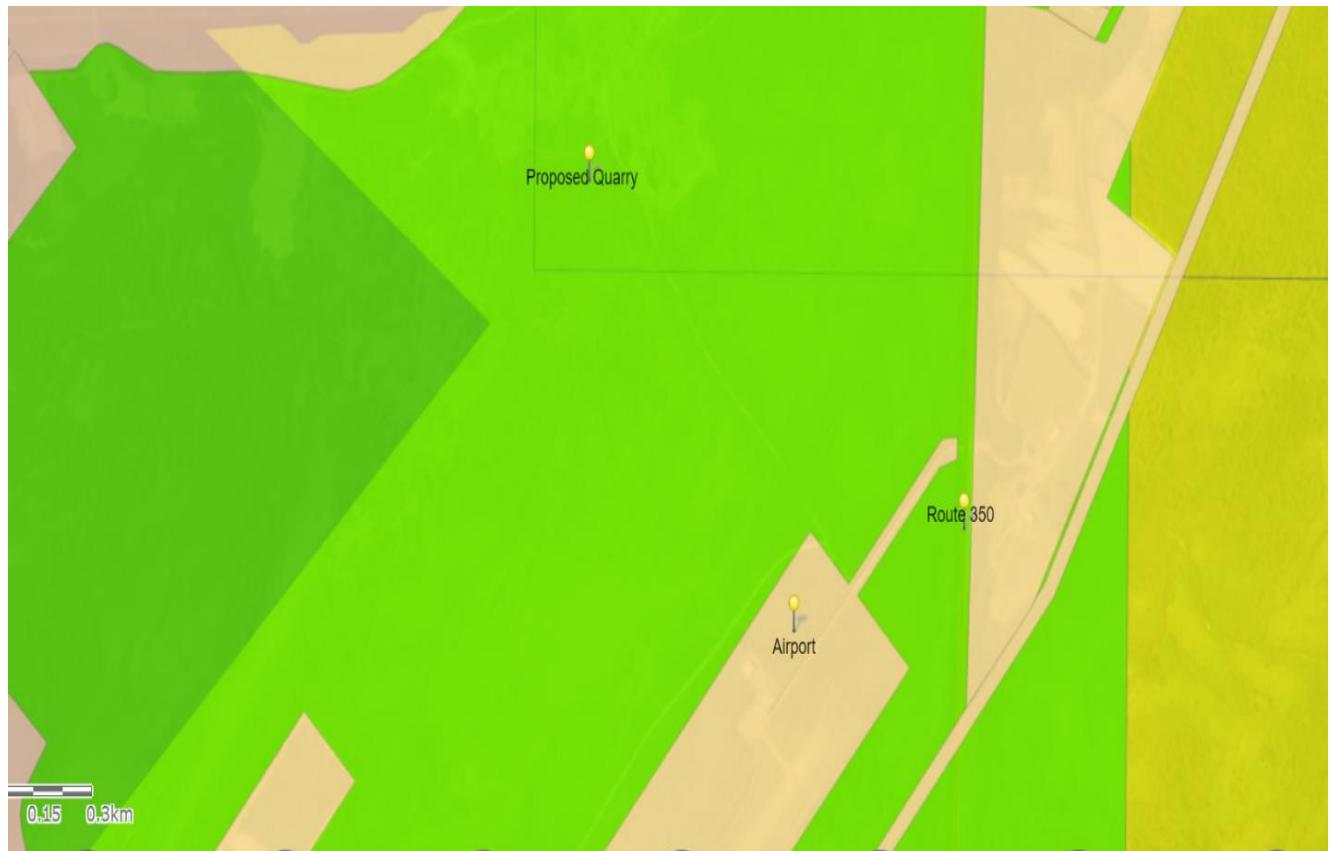
Proposed Quarry and Access Road



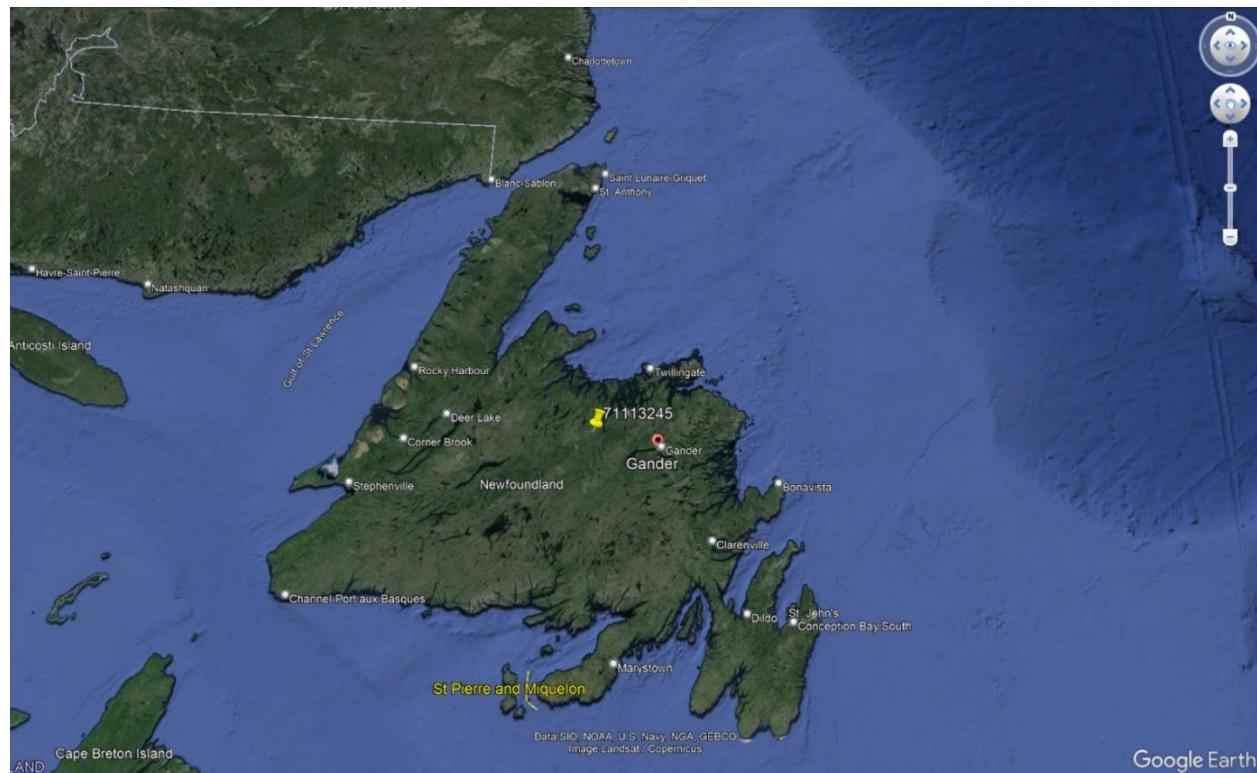
Larger Scale Map



Land Use Map

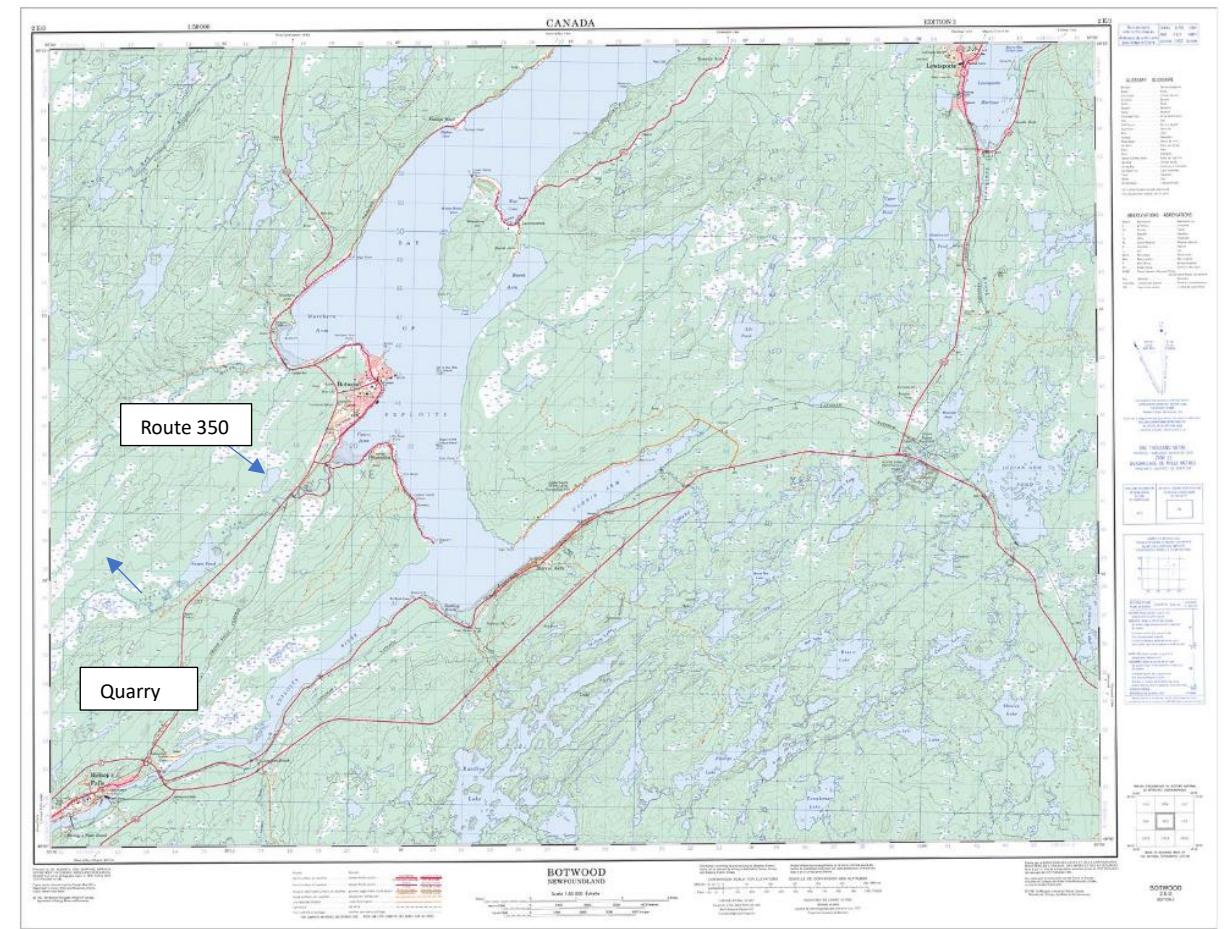


Location of Quarry in Province



Topographical Map

Quarry



Proposed Quarry Co-ordinates

