

Environmental Assessment Registration Document

J&J Paving Limited

Proposed Quarry Extension Project

Located 8.6 km West of Springdale Junction

Submitted to:

Department of Environment, Conservation and Climate Change

Environmental Assessment Division

Submitted by:

J&J Paving Limited

78 Tipping Place

Corner Brook, NL

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Contents

1.0 Name of Undertaking.....	4
2.0 Proponent.....	4
2.1 Name of Corporate Body	4
2.1.1 Chief Executive Officer.....	4
2.2 Mailing Address.....	4
2.3 Principal Contact Persons.....	4
3.0 The Undertaking.....	4
3.1 Nature of the Undertaking.....	4
3.2 Purpose/Rationale/Need for the Undertaking.....	4
4.0 Description of the Undertaking.....	5
4.1 Geographic Location	5
4.2 Physical Features.....	5
4.2.1 Project Description.....	5
4.2.2 Existing Environmental Conditions.....	5
4.3 Construction and Operation Activities	5
4.3.1 Road Access.....	6
4.3.2 Clearing and Grubbing	6
4.3.3 Quarry Development.....	6
4.4 Quarry Operations	6
4.5 Potential Environmental Effects and Mitigation Measures	6
4.6 Wildlife Protection Measures.....	7
4.7 Potential Resource Conflicts.....	8
4.8 Occupations (Construction and Operations)	8
4.9 Remediation	8
5.0 Project Related Documents.....	8
6.0 Approval of Undertaking.....	8
Appendix A – Site Location and Mapping.....	9
.....	10
	11

1.0 Name of Undertaking

J&J Paving Quarry Extension – Springdale Junction Area

2.0 Proponent

2.1 Name of Corporate Body

J&J Paving Limited

2.1.1 Chief Executive Officer

Name: Jamie England

Official Title: President

2.2 Mailing Address

7B Tipping Place, Corner Brook, NL, A2H 6E3

2.3 Principal Contact Persons

Jamie England | 709-638-2980 | jamieengland@jppaving.com

OR

Glenn Fisher | 709-632-1880 | glennfisher@westcoastexcavating.com

3.0 The Undertaking

3.1 Nature of the Undertaking

J&J Paving Limited is proposing the extension of an existing quarry located approximately 8.6 kilometres west of Springdale Junction along the Trans-Canada Highway (TCH), Newfoundland and Labrador. The existing quarry has been in operation by J&J Paving for the past 15 years. The proposed extension will increase the available extraction area to support ongoing and future construction projects.

The quarry will be used for the extraction and processing of aggregate materials, including sand, gravel, and rock. Activities will include excavation, crushing, screening, and stockpiling.

3.2 Purpose/Rationale/Need for the Undertaking

The purpose of the quarry extension is to secure a reliable source of high-quality aggregate materials for road construction, asphalt production, and municipal infrastructure projects in the region. Extending the quarry will reduce hauling distances from alternative sources, thereby lowering fuel consumption and associated emissions.

4.0 Description of the Undertaking

4.1 Geographic Location

The proposed quarry extension is located approximately 8.6 kilometers west of Springdale Junction along the Trans-Canada Highway. The site is accessible via an existing and proposed access road identified in supporting KMZ mapping files.

The site is situated in a rural area with no immediate residential development. The surrounding land consists primarily of forested terrain typical of central Newfoundland.

4.2 Physical Features

4.2.1 Project Description

The project will see the extension of the quarry to the west and north of the existing operations. The proposed extension area consists of gently sloping terrain with mixed forest vegetation including balsam fir, spruce, and birch species. Ground conditions are typical of glacial till and rock formations suitable for aggregate extraction. The proposed new access road that has been approved as part of the existing operation will be the access extension area.

4.2.2 Existing Environmental Conditions

The existing quarry, along with the proposed extension area, consists of gently sloping terrain. The extension area is currently wooded and will be cleared and grubbed for development. There are no water bodies located within the proposed extension area.

Wildlife in the area may include moose, black bear, fox, and small mammals, as well as various bird species common to the region such as robins, blue jays, and crows.

The proposed extension will not result in the direct alteration of any watercourses. A minimum buffer distance of 200 metres from nearby water bodies, including the Indian River, will be maintained. Sediment and erosion control measures will be implemented to ensure no runoff impacts to surrounding water resources.

4.3 Construction and Operation Activities

Construction of the quarry extension will include surveying and site preparation; clearing and grubbing of vegetation; stripping and stockpiling of topsoil and overburden; development or improvement of access roads; and establishment of stockpile areas.

The proposed extension measures approximately 7.3 hectares in size and will extend the life of the operation by approximately 5 to 7 years.

4.3.1 Road Access

The quarry will be accessed by the new roadway that has been approved by department of Transportation in February of 2026.

This will allow for safe access of the TCH.

4.3.2 Clearing and Grubbing

The quarry site will be cleared of all salvageable firewood in accordance with applicable permits. Clearing will be completed using chainsaws rather than mechanical harvesters.

Following clearing, stumps and organic material will be grubbed to the required depth along with topsoil removal. The stripped material will be stockpiled on-site for future site remediation.

4.3.3 Quarry Development

The quarry will be cleared of all vegetation within the approved boundaries of the proposed extension. Berms will be constructed to reduce visibility from the Trans-Canada Highway.

Following clearing, the site will be excavated, and materials will be crushed, screened, and stockpiled as required for aggregate supply and asphalt production. All materials will be contained within the boundaries of the existing quarry and the proposed extension, with measures in place to protect surrounding forested and vegetated areas

4.4 Quarry Operations

Operational activities will include excavation and loading of materials; crushing, screening, and processing; hauling of materials to project sites; and asphalt production. Equipment expected on site includes excavators, loaders, dump trucks, crushers, asphalt plants and support vehicles.

4.5 Potential Environmental Effects and Mitigation Measures

Noise will be generated from heavy equipment operations and crushing activities. As there are no nearby residences, intermittent noise during working hours is not expected to result in significant impacts. Operations will comply with regulated noise limits and permitted working hours.

Dust may be generated from crushing activities and vehicle movement on unpaved surfaces. Dry conditions may increase dust levels; therefore, dust suppression measures such as regular watering of access roads, stockpiles, and work areas will be implemented.

Surface runoff may carry sediment, particularly during rainfall events. Disturbed soils and stockpiles may contribute to sediment transport if not properly controlled. Sediment and erosion control measures, including silt fencing and settling areas, will be implemented to prevent impacts to nearby water bodies.

Fuel and oil used by heavy equipment present a potential risk of contamination in the event of spills or leaks. Proper fuel handling procedures will be followed, including designated fueling areas, regular inspection of equipment, and the use of on-site spill kits. Spill response training will be provided to all personnel.

The quarry extension may be visible from certain viewpoints along the Trans-Canada Highway. Visual impacts will be minimized through the use of berms, tree screens, and vegetative buffers.

Regular environmental monitoring of dust, noise, and runoff will be conducted to ensure mitigation measures remain effective and compliant with regulatory requirements

Spill response training for all personnel to ensure prompt and effective action in case of fuel or oil leaks.

Use of natural berms, tree screens, or vegetative buffers along the quarry perimeter to reduce visibility from the highway and surrounding areas.

Regular environmental monitoring of dust, noise, and runoff to ensure mitigation measures remain effective and compliant with regulations.

4.6 Wildlife Protection Measures

Development of the quarry will follow applicable regulations and guidelines to minimize impacts on wildlife and their habitats.

To reduce potential impacts, the following measures will be implemented:

- Vegetation stripping will be scheduled outside of nesting, breeding, and rearing periods where possible.
- If clearing must occur during these periods, pre-construction surveys will be conducted to confirm the absence of active nesting or breeding.
- A minimum 30-metre buffer will be maintained around identified nesting or breeding areas during sensitive periods.
- Equipment and vehicles will not be used in a manner that harasses or disturbs wildlife.
- Nest searches will be completed prior to clearing activities. If active nests are identified, those areas will be avoided until nesting is complete.

4.7 Potential Resource Conflicts

“The proposed extension is not located within any known mineral claims, active mines, or licensed forestry areas. No conflicts with hunting, fishing, or traditional land use are anticipated.

4.8 Occupations (Construction and Operations)

During peak operations, the project is expected to employ approximately 7 to 8 workers, including:

- 1 Foreperson (72021)
- 2–3 Operators (73400)
- 3–4 Trucking personnel (73300)

J&J Paving Limited is an equal opportunity employer and encourages all qualified individuals to apply.

4.9 Remediation

Upon completion of quarry operations, the site will be rehabilitated through grading and contouring of slopes, replacement of stockpiled topsoil, and seeding and revegetation. The objective is to return the site to a stable and natural condition.

5.0 Project Related Documents

An application for the quarry extension has been submitted to Minerals and Lands Division of the Department of Energy and Mines.

6.0 Approval of Undertaking

The proponent will obtain all required approvals prior to construction, including a Release from Environmental Assessment, Quarry Permit from the Department of Industry, Energy and Technology, and applicable vegetation clearing permits.

Appendix A – Site Location and Mapping

The proposed quarry extension is located west of Springdale Junction along the Trans-Canada Highway. Mapping provided in supporting figures illustrates the quarry footprint, surrounding features, and proximity to infrastructure.



Figure 1 Quarry Location Island Map



Figure 2 Shows Quarry location in relation to TCH and Springdale Junction

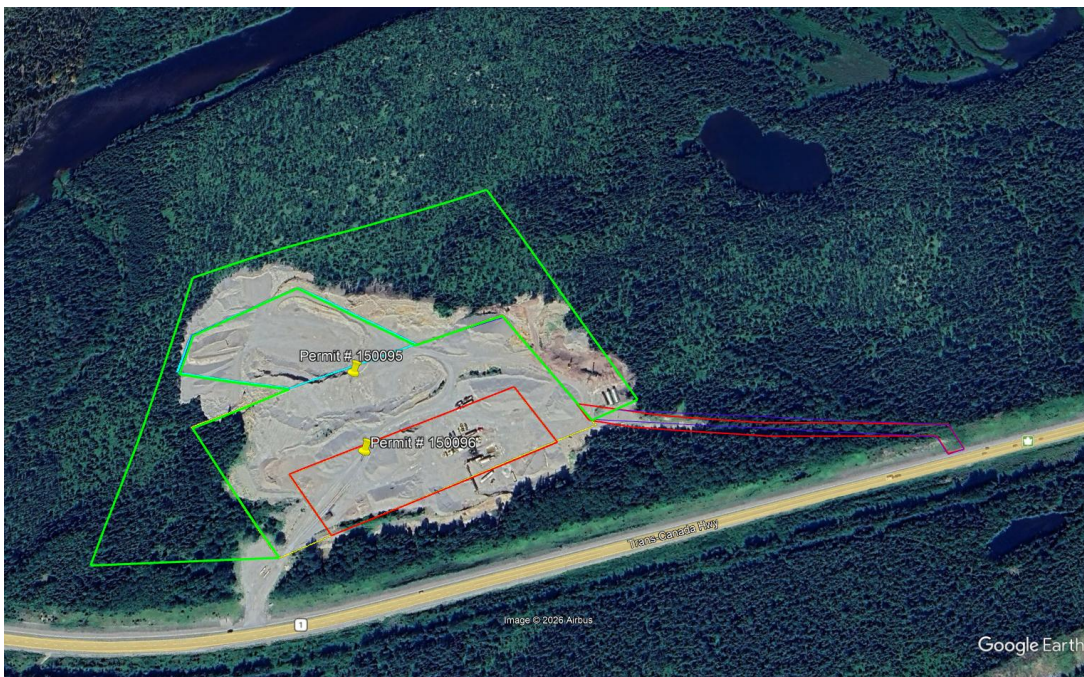


Figure 3 Shows existing Quarry operations along with proposed extension.



Figure 4 Proposed quarry extension highlighted in green and existing quarry.

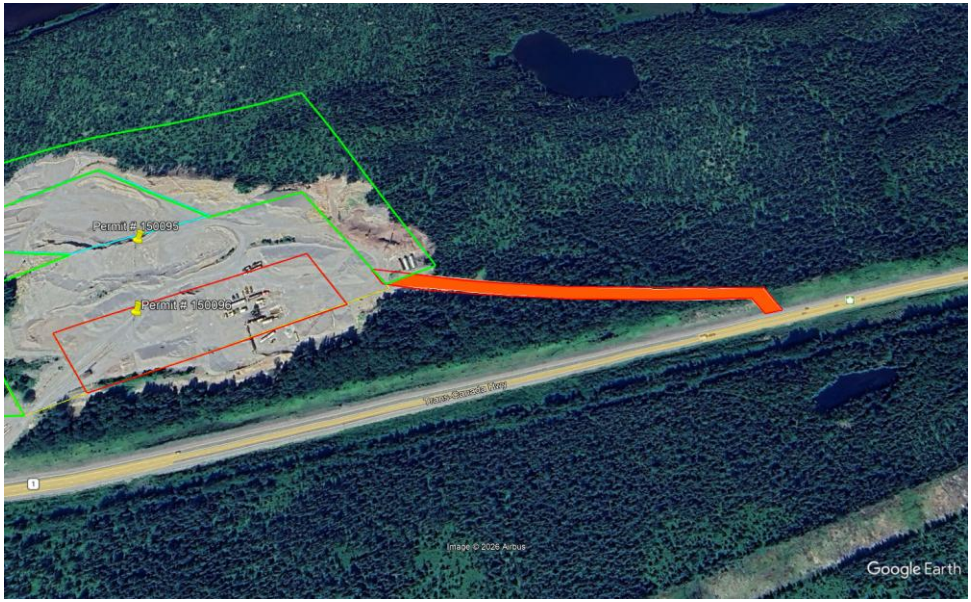


Figure 5 New access road approved by Department of TI February 2026.