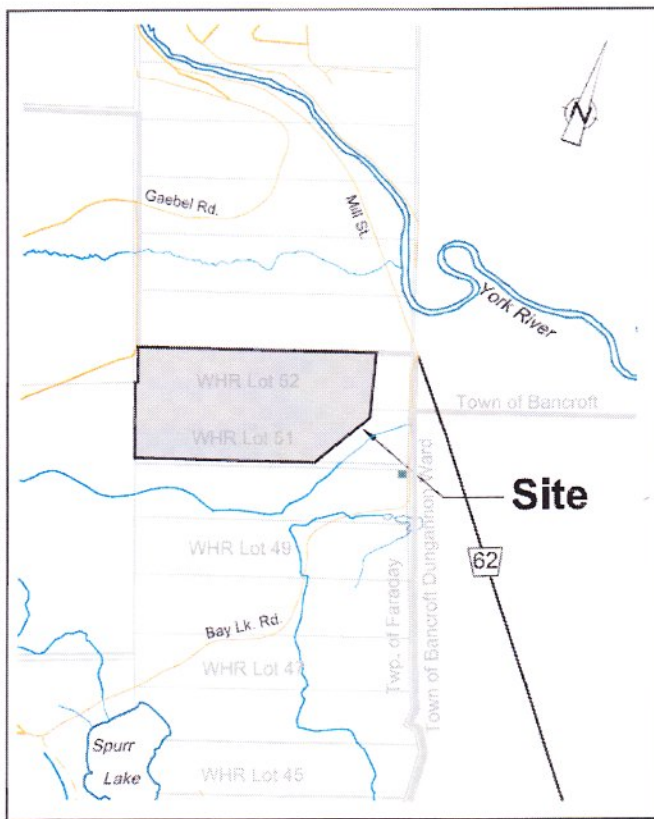


What is being extracted from the quarry?

Crystalline Precambrian bedrock will be extracted and crushed for the purposes of building and construction projects. Data obtained through boreholes revealed that the site contains an abundance of high quality bedrock that can be used for construction purposes.

Where exactly is the quarry located?

It is located on the Freymond Lumber property (2287 Bay Lake Road).



Where on the property is the

quarry located?

The quarry is located on Freymond Lumber's 142 hectare (350 acre) property. The license boundary will occupy 35 hectares (86 acres) of the 142 hectare property. Approximately 29 hectares (72 acres) within the licensed area will be extracted over the life of the project. The licensed area is located in the northern portion of the Freymond Lumber property.

How close is the quarry to Spurr Lake and Bay Lake?

The licensed area of the quarry (the maximum extent to which extraction can take place) is approximately 840 metres from the shoreline of Spurr Lake and approximately 1.5 kilometres from the shoreline of Bay Lake.

The quarry will be a Class “A” – Category 2 quarry under the Aggregate Resources Act (ARA). What does this mean?

The “Class” of quarry refers to the permitted amount of tonnage to be extracted from the quarry per year. Class A means that more 20,000 tonnes of material can be extracted from the quarry per year. The “Category” refers to whether extraction will be above or below the water table. In this case, Category 2 means that extraction is licensed to take place below the water table.

At this time Freymond Lumber is applying for unlimited tonnage. However, the operator is not expecting to exceed 100,000 tonnes a year, even in times of high demand.

This quarry will be extracting below the water table. What does extraction below the water table mean for adjacent wells?

As extraction progresses, the water table will gradually be lowered within the licensed area from 376 metres above sea level to 332 metres above sea level. The area where the ground water is most impacted (“zone of influence”) is not expected to extend out into any adjacent wells. Fourteen of fifteen private wells identified in the immediate area all extend below the floor of the proposed quarry and the depth where water is found in these wells is also below the quarry floor. As such, proposed quarry operations do not have the ability to interfere with these well zones. However, the operator will maintain monitoring wells in the vicinity of the licensed area and will continue to monitor water levels for an indefinite period of time after operations commence.

What if the operator decides to extract farther down?

In order to obtain an ARA License, the applicant must submit comprehensive site plans that show existing features, operations and rehabilitation. The operator of the quarry must follow these site plans. If there are any changes to operations or rehabilitation, the site plans must be amended. In the case of the Freymond Quarry, the site plans describe extraction to 332 metres above sea level. The

operator cannot deviate from this plan unless they apply for an amendment, which is a process that includes public consultation.

Hours of Operation

7:00 a.m. to 5:30 p.m. Monday to Friday are Freymond Lumber's normal hours of operation. There will be no operations on weekends and statutory holidays.

What will be the impact of blasting?

Blasting will normally occur 3 to 5 times per year but frequency will be in response to market demand. Blasting will only take place during day light hours during regular weekday operations. All blasts will be monitored for compliance with applicable Ministry of Environment and Climate Change (MOECC) guideline limits for ground vibration and overpressure. At the MOECC limits, vibrations and overpressure from blasting will not adversely impact surrounding structures.

Furthermore, the operator will notify interested parties when a blast will take place.

What will be the impact of noise?

Noise impacts from operations at the Freymond Quarry were assessed by Hugh Williamson Associates Inc. at nearby noise sensitive receptors (residences) for compliance with Ministry of Environment and Climate Change (MOECC) sound level limits. Where appropriate, mitigation measures were recommended such that compliance with MOECC sound level limits is achieved at all receptors. The MOECC criteria sets exclusion sound level limits. Noise in compliance with these criteria is not expected to negatively impact adjacent noise sensitive land uses.

The Freymond Lumber Quarry will implement the mitigation measures as recommended in the Acoustic Assessment Report prepared by Hugh Williamson Associates Inc. Providing these mitigation measures will ensure noise levels from quarry operations will comply with MOECC criteria. Measures include (but are not limited to) the use of noise barriers and limitations on operation of certain equipment.

How will traffic impact the surrounding road network?

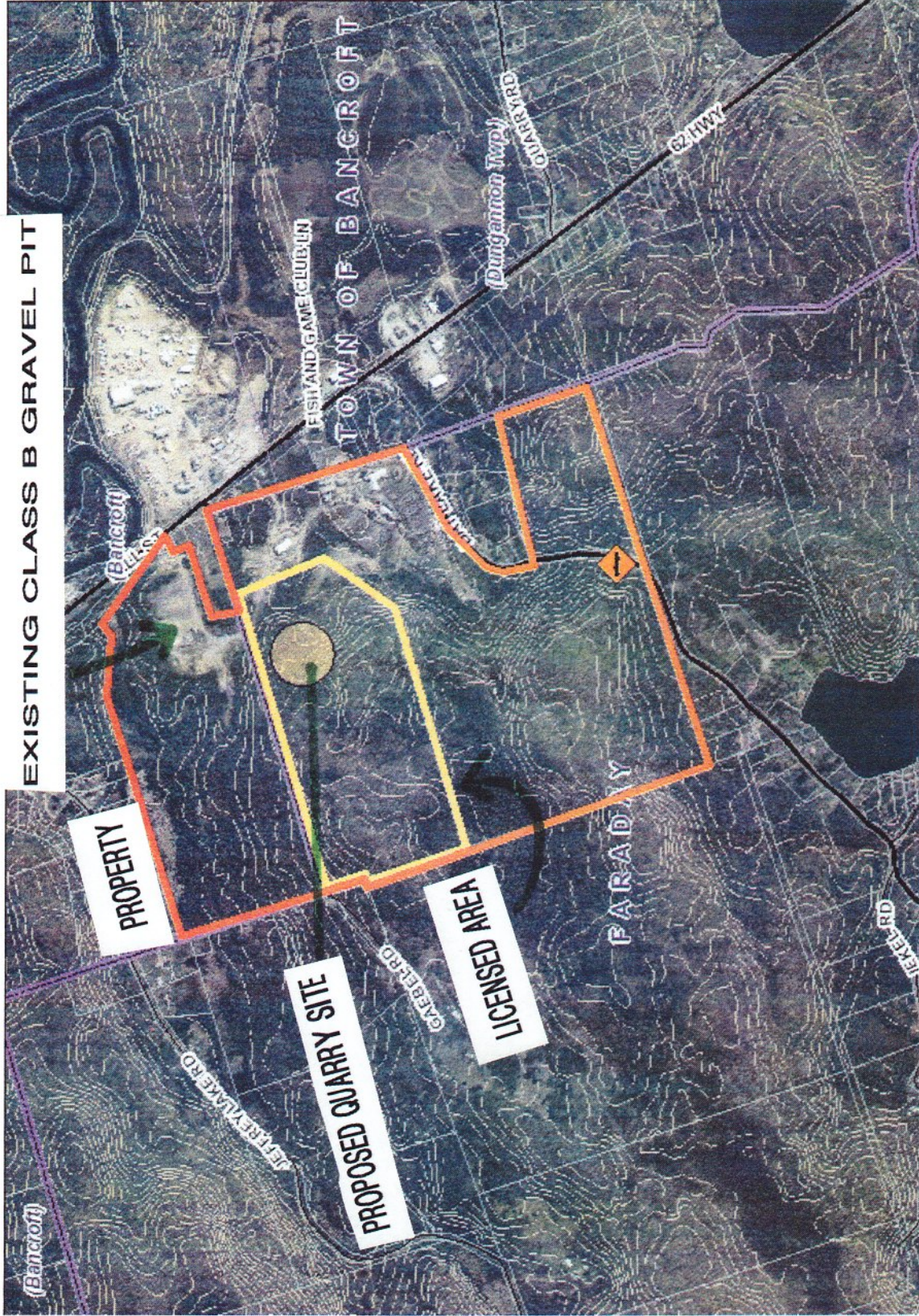
Trucks hauling aggregate material will exit the site at the existing Freymond Lumber Yard entrance on Bay Lake Road. The trucks will drive north on Bay Lake Road approximately 350 metres to the intersection with Highway 62 and will drive north or south (depending on delivery destination). At no point will trucks travel south on Bay Lake Road.









A traffic study has been carried out to assess the impact future site traffic on adjacent roads and intersections.

For a quarry operation producing 400,000 tonnes or less there will be forecast up to 27 new vehicle trips during the peak hours. This additional new traffic can be accommodated on existing roads and intersections. The only recommended improvement is a southbound right turn taper on Highway 62 at the Bay Lake Road intersection.

What studies have been completed in support of the applications?

- Level 1 and 2 Hydrogeological Investigation by MTE Engineering
- Stage 1 Archaeological Study by Kinickinick Heritage Consulting
- Environmental Impact Study by Robin Craig, Certified Biologist
- Planning Justification Report by EcoVue Consulting Services
- Traffic Impact Study by Tranplan Associates
- Acoustic Assessment Report by Hugh Williamson and Associates
- Blast Impact Analysis by Explotech



Legend	
	Hospital
	Ambulance Base
	Fire Station
	Police Station
	Major Road
	Minor Road
	Water Access Only
	Parcel Information



Map Scale: 1:15,546

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