

**AGGREGATE LICENCE APPLICATION FOR A
LICENCE FOR A QUARRY ABOVE THE
GROUNDWATER TABLE IN THE GEOGRAPHIC
TOWNSHIP OF FERRIS, WITHIN THE
MUNICIPALITY OF EAST FERRIS, TERRITORIAL
DISTRICT OF NIPISSING**

Prepared for

1851477 ONTARIO INC

Prepared by: Timbercraft Consultation Inc.

And

Pebble Beach Aggregate

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INTRODUCTION

1851477 ONTARIO INC is making application for a Licence for a quarry above the ground water table under the *Aggregate Resources Act*. The quarry is permitted to extract to within 2 metres of the upper limit of the water table.

APPLICATION INFORMATION

Site Location:

The area subject to this application is located at:

Municipality of East Ferris, District of Nipissing
UTM Co-ordinates NAD 83

Easting	Northing
637302	5123714

The proposed aggregate licence is located within the geographic township of Ferris. The property is located north of Lavigne Road. The town of Cobell is located approximately 1.8 km. to the northwest.

Type of Operation: There is an existing grandfathered Class "B" licence that operates a below water pit and above water quarry overlapping the proposed Licence area. The new application is for a class "A" licence to operate a quarry above the groundwater level.

Applicant: 1851477 ONTARIO INC

SITE LOCATION MAP:

See Page 1 of site plan

APPLICATION PACKAGE

In accordance with the Provincial Standards for this Licence, this application package contains the following:

- An overview providing information on the applicant, the site location, a description of the proposed operation and your opportunity to provide comments (please take note of the deadline by which comments, if any, must be received)
- Application Form
- Technical Reports
- Summary Statement
- Site Plan

These documents provide information as to the groundwater table, archaeological assessment and natural environmental features on and around the site.

The site plan provides an outline of existing features, the proposed operational conditions and the rehabilitation procedures, both progressive and final.

This application is being circulated to you as per the Aggregate Resources Act Provincial Standards. Any comments in respect of this application must be made in writing within 60 calendar days of receipt of this application and by June 20, 2022 (at the latest). Comments are to be sent to:

David Villard
Pebble Beach Aggregate
76 Pebble Beach Drive
Callander, ON
POH 1H0

pebblebeachaggregate@sympatico.ca

with a copy to: : ARAapprovals@ontario.ca or if email is not available, Integrated Aggregate Operations Section, Ministry of Northern Development, Mines, Natural Resources and Forestry, 300 Water Street, Peterborough ON K9J 3C7

1.0 SUMMARY STATEMENT

1.1 Agricultural Classification

The soils classification for the site is a Class 7 – the soils in this class have no capacity for arable culture or permanent pasture. There is no agricultural use presently and the site will not be returned to agricultural land.

1.2 Applicable planning and land use considerations

The site and the area immediately to the south is zoned Heavy Industrial(M3). The remainder is zoned Rural. M3 allows for pit and quarry operations.

1.3 Source Protection Area under the Clean Water Act

There are no Policies that apply as per discussion with Municipal Planning department

1.4 The quality and quantity of aggregate

The bedrock is high quality quartz-feldspar-biotite gneiss suitable for good quality aggregate and possible dimension stone. Possible tonnages of the rock within the site are likely in excess of 10,000,000 tonnes.

1.5 The main haulage routes and proposed truck traffic and necessary entrance permits

The haul route will be the same as for the existing Licence. Access will be on the haul road that runs south through the 'B' Licence and then exits on to Lavigne Rd, which is under the control of the Municipality of east Ferris. An entrance Permit is not required for the access on to the Municipal road

1.6 Progressive and final rehabilitation and suitability of the proposed rehabilitation having regards to adjacent lands.

The rehabilitation is specified on the site plan and is as follows:

- 1 PROPOSED FINAL REHABILITATION OF THE SITE
AS THE LIMIT OF EXTRACTION IS APPROACHED, THE LICENSEE WILL EITHER EXTRACT TO THE LIMIT OF EXTRACTION AND BACKFILL TO PRODUCE A 2:1 SLOPE FOR THE QUARRY WITH NATIVE AGGREGATE MATERIAL ON SITE OR EXTRACT LESS MATERIAL AND USE IN SITU MATERIAL TO PRODUCE THE REQUIRED SLOPES. ALL SLOPES SHALL BE CREATED USING CUT/FILL OR BACKFILL METHODS, USING MATERIAL FROM THE SITE. WATER WILL BE ALLOWED TO COLLECT IN THE REHABILITATED QUARRY TO CREATE A SCENIC POND FOR RECREATIONAL USE IF ALL OF THE WATER DOES NOT PERMEATE INTO THE ROCK OR DRAINS FROM THE QUARRY, AS THE 'B' QUARRY COULD CUT INTO THE 'A' QUARRY AS THE 'B' QUARRY FLOOR CAN BE LOWER THAN THE 'A'. THE ANTICIPATED FINAL USE OF THE SITE IS A RURAL NATURALIZED AREA AND POSSIBLY A POND. THIS MAY HAVE TO BE MODIFIED DEPENDING ON THE PIT AND QUARRY EXTRACTION FROM THE 'B' LICENCE IF THE 'B' QUARRY CUTS INTO THE PROPOSED QUARRY. IN THIS CASE THERE MAY NOT BE A POND IF THE SOUTH WALL IS EXTRACTED AS PART OF THE B LICENCE
- 2 DETAILS ON HOW PROGRESSIVE REHABILITATION WILL BE CONDUCTED IN RELATION TO THE OPERATIONAL SEQUENCES
PROGRESSIVE REHABILITATION SHALL OCCUR AS EXTRACTION CONTINUES NORTH AND EAST AS LONG AS IT DOES NOT NEGATIVELY IMPACT THE EFFICIENT AND EFFECTIVE OPERATION OF BOTH LICENCES
- 3 DETAILS ON HOW OVERBURDEN AND TOPSOIL WILL BE USED TO FACILITATE PROGRESSIVE REHABILITATION
THE STOCKPILED TOPSOIL/OVERBURDEN/ORGANIC MATTER SHALL BE USED TO REHABILITATE THE SITE. THE SLOPES AND FLOORS, ABOVE WATER, SHALL BE COVERED WITH TOPSOIL/OVERBURDEN. ANY AVAILABLE STUMPS AND OTHER WOODY MATERIAL SHALL BE SPREAD OVER THE REHABILITATED SLOPES AND FLOORS TO DETER UNAUTHORISED RECREATIONAL VEHICLES FROM DISTURBING THE SITE AND TO CREATE COVER FOR WILDLIFE. TOPSOIL THAT HAS BEEN COMMITTED TO THE 'B' WILL BE USED FOR THE REHABILITATION OF THAT LICENCE
- 4 A STATEMENT INDICATING WHETHER ANY SOIL, TOPSOIL OR FILL MATERIAL WILL BE IMPORTED TO THE SITE FOR REHABILITATION PURPOSES. WHERE REHABILITATION MATERIALS ARE TO BE IMPORTED, DETAILS ON THE TYPE, USE, VOLUME AND QUALITY OF THOSE MATERIALS, AS WELL AS DETAILS ON ANY RELATED TESTING, TRACKING AND RECORD KEEPING THAT WILL BE CARRIED OUT

THERE WILL BE NONE IMPORTED, UNLESS IT IS THE TOPSOIL/OVERBURDEN STORED ON THE B LICENCE

5 LOCATION, LAYOUT AND TYPE OF VEGETATION THAT WILL BE ESTABLISHED ON SITE DURING PROGRESSIVE AND FINAL REHABILITATION

THE ENTIRE SITE OTHER THAN THE ACCESS ROADS, WILL BE ALLOWED TO REVEGETATE NATURALLY. ANY BARREN AREAS WHERE VEGETATION HAS NOT ESTABLISHED WITHIN TWO YEARS WILL BE ARTIFICIALLY REVEGETATED WITH GRASS.

6 DETAILS ABOUT HOW SLOPES WILL BE ESTABLISHED ON THE EXCAVATION FACES AND THE QUARRY FLOOR

AS THE LIMIT OF EXTRACTION IS APPROACHED, THE LICENSEE WILL EITHER EXTRACT TO THE LIMIT OF EXTRACTION AND BACKFILL TO PRODUCE A 2:1 SLOPE FOR THE QUARRY OR EXTRACT LESS MATERIAL AND USE IN SITU MATERIAL TO PRODUCE THE REQUIRED SLOPES.

7 DETAILS ABOUT ANY BUILDING(S) OR STRUCTURE(S), INCLUDING ANY INTERNAL HAUL ROADS, THAT WILL REMAIN ON THE SITE AS PART OF THE FINAL REHABILITATION

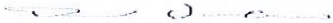
NONE

8 DETAILS ABOUT THE FINAL SURFACE WATER DRAINAGE AND WHETHER DRAINAGE FACILITIES WILL REMAIN ON SITE

DRAINAGE OF EXTRACTED AREAS WILL BE CONTAINED ON-SITE OR ALLOWED TO DRAIN ONTO THE B LICENCE WHERE IT WILL INFILTRATE INTO THE SURFICIAL MATERIAL AND/OR EVAPORATE. IN THE AREA OF THE QUARRY, WATER WILL EITHER DRAIN FROM OR COLLECT IN THE QUARRY OR DRAINAGE WILL FOLLOW THE EXCAVATED SLOPES AND PERCOLATE INTO THE GROUND. THERE WILL BE NO CHANNELIZED DRAINAGE OF SURFACE WATER TO WATER BODIES LOCATED OFF OF THE SITE. THIS MAY HAVE TO BE MODIFIED DEPENDING ON THE PIT AND QUARRY EXTRACTION FROM THE 'B' LICENCE.

When final rehabilitation is complete, the area should blend in with the local landscape, as well as the existing aggregate operation. Trees will be cleared to the north but this clearing is approved under the B Licence and the result will be a cleared area. Under the B Licence, 69.5 Ha. can be cleared and rehabilitation allows for a rural naturalized area and a pond. i.e. the rehabilitation will be similar and suitable to what is currently approved. There are no rehabilitation requirements set out in the Official Plan. The rehabilitated quarry will only have a depth of 228 masl, 23 m. less than what is approved under the current Licence. The current 'B' Licence will allow for a pit in the surficial material to a depth of 215 masl. and a quarry with a floor level of 205 masl.

Summary Statement has been prepared by:



David Villard, President, Pebble Beach Aggregate

AGENCY CIRCULATION CONTACTS

NDMNRF
SARS
Municipality of East Ferris
North Bay-Mattawa Conservation Authority

NOTIFICATION CONTACTS:

Landowners within 120 m. of proposed Licence boundary

1. Applicant

Company/Individual Name
1851477 Ontario Limited

Contact Name
Marcel Degagne

Current Mailing Address

Unit Number	Street Number 452	Street Name Quae Quae Rd.	PO Box
City/Town Corbeil		Province Ontario	Postal Code P0H 1K0
Telephone Number 705-752-4177 ext.		Mobile Number 705-499-7009	Email Address marcel@degagnecarpentry.com

2. Type of Application

- ☒ "Class A" Aggregate Licence (greater than 20,000 tonnes per year)
☐ "Class B" Aggregate Licence (20,000 tonnes or less per year)
☐ Aggregate Permit (greater than 20,000 tonnes per year)
☐ Aggregate Permit (20,000 tonnes or less per year)
☐ Aggregate Permit to Extract from Under the Bed of a Lake or River
☐ Wayside Permit for Public Authority Contracts

HST Registration Number _____ Public Authority Contract Number _____

Type of Operation (select all that apply)

- ☐ Pit ☒ Quarry

Is this aggregate application proposing extraction below the maximum predicted water table?

- ☐ Yes ☒ No

Type of material to be removed (select all that apply)

- ☐ Sand and Gravel
☒ Crushed Stone
☒ Dimensional Stone
☐ Clay
☐ Other _____

Total Area of Licence / Permit proposed is _____ 26.13 hectares

Total Extraction Area proposed is _____ 24.1 hectares

Proposed quantity of aggregate to be removed is _____ 450,000 tonnes per year

Will the proposed maximum annual tonnage limit stated above be combined with the tonnage of one or more existing, approved sites?

- ☐ Yes ☒ No

Enter the existing licence/permit number(s) that will require amendments.

Licence/Permit Number	Licence/Permit Number	Licence/Permit Number

3. Location of Application Site

Lot Part Lot 10 & 11	Concession 9	Geographic Township Ferris
Local Municipality East Ferris		County/Region
Territorial District Nipissing	Street Address 389 Lavigne Rd	

Universal Transverse Mercator (UTM)

Location coordinates for the main corners of the application site

Datum NAD 83	Northing 5124142	Easting 634000	UTM Zone 17
Datum NAD 83	Northing 5124048	Easting 633165	UTM Zone 17

4. Signature

Name and Title of Signing Officer

Marcel Degagne President

Signature of Applicant



Date (yyyy/mm/dd)

Jun 27 / 2022