

Environmental Assessment
Registration Document

C & T Enterprises Limited
Proposed Quarry, Pit Development
Site 3
Pinware River Valley, NL

Submitted by:
C & T Enterprises Ltd
P. O. Box 02, 41 Main Street
Forteau, NL
A0K 2P0

November 14, 2012

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1.0 NAME OF UNDERTAKING: Quarry Construction Pinware River Valley Site 3

2.0 PROPONENT

Name of Corporate Body: C & T Enterprises Ltd

Address: P. O. Box 2, 41 Main Street
Forteau, NI
A0K 2P0

Chief Executive Officer: Mr. Gavis Trimm
Name: C &T Enterprises Ltd
Official Title: Owner and CEO
Address: P. O. Box 2, 41 Main Street
Forteau, NI
A0K 2P0

Telephone Number: 709 931 2191
Fax Number: 709 931 2193
Email: ctenterprisesltd@yahoo.ca

Principal Contact Person for
Purposes of EA: Mr. Gavis Trimm - CEO
Name: C &T Enterprises Ltd
Official Title: Owner and CEO
Address: P. O. Box 2, 41 Main Street
Forteau, NI
A0K 2P0

Telephone Number: 709 931 2191
Fax Number: 709 931 2193
Email: ctenterprisesltd@yahoo.ca

3.0 THE UNDERTAKING

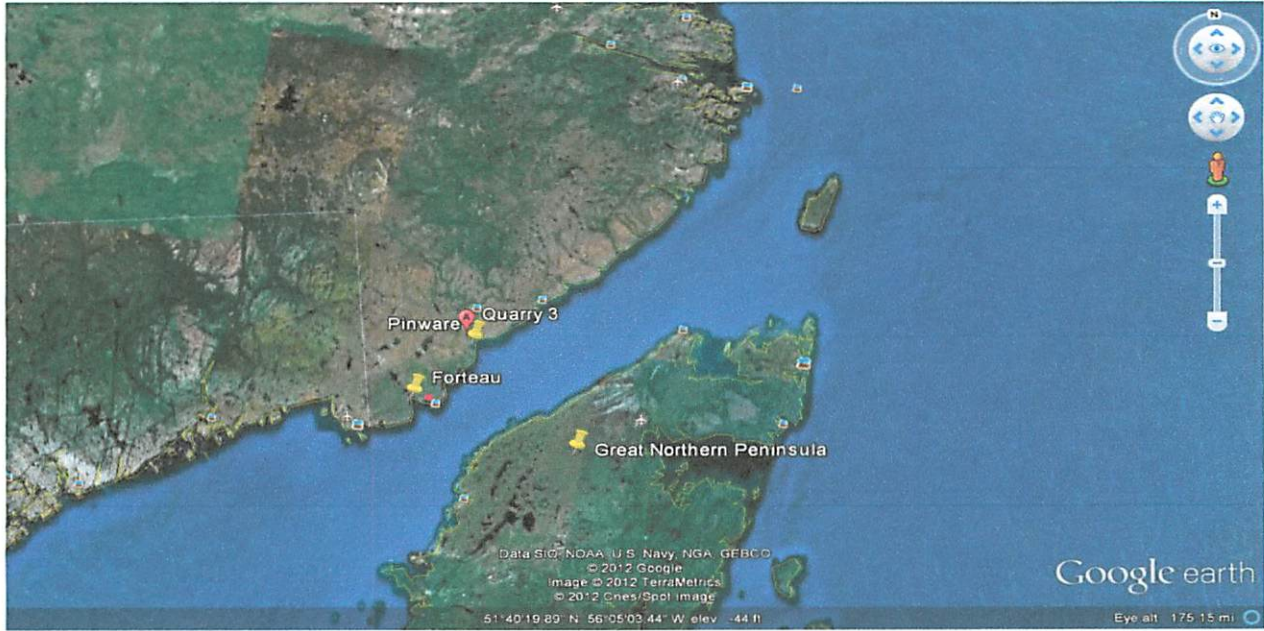
Name of Undertaking: Quarry Construction Pinware River Valley Site 3

3.1 Purpose/Rationale/Need for the Undertaking:

Mr. Trimm owns and operates a ready mix cement batch plant in the Forteau area. He currently utilizes existing pits in the Pinware River Valley to supply his cement plant with sand, and aggregate for the ready mix facility. The current pits owned by C & T Enterprises are becoming depleted off appropriate material for his ready mix operation and a new supply has to be identified and developed. Site 3 the quarry operation will include screening and sand removal to supply winter sand and cement sand to the concrete batch plant located in the Forteau area.

4.0 Quarry/Pit Location:

4.1 Map 1- General Location



The Quarry/Pits are located north of the community of Pinware in the Electoral District of Cartwright L'Anse au Claire. Pinware River Provincial Park is located within the community boundaries of the community of Pinware. Map 1 gives you the location of the community of Pinware and potential Quarry/Pit locations.

5.0 DESCRIPTION OF THE UNDERTAKING:

5.1 Geographical Location: Map 2 Site 3



Site three, exact GPS coordinates East 513923.4, North 564243.5 is located 7.9 kilometers south of the Pinware River Bridge and approximately 3 kilometers from the community of Pinware, refer to Topographic map, appendix 1 for site location. The pit is located 90 meters from Route 510 and the Pinware River. Site is covered with spruce, Balsam Fir and Birch. This site will not negatively impact the community of Pinware in any way.

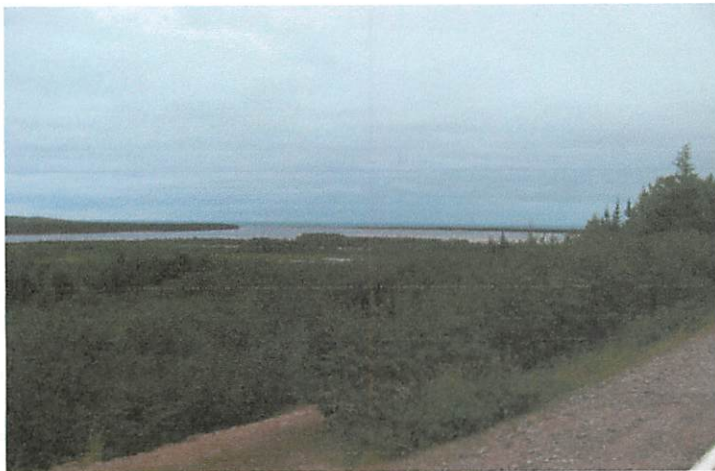
5.2 Physical Features:



Site 3 will consist of 1 hectare and will be used primarily for sand removal (winter sand and cement sand) and potential crushing operation for concrete batch plant located in the Forteau region. No building infrastructure will be required for this site. The site is located to the left of Route 510 in the picture provided. A 90 meter access road will be constructed to the site and a 90 meter tree line barrier will be keep in place so site will be

obstructed from view of passing traffic. There are no tributaries that will be harmfully impacted in the site area.

Mammals occurring in the forest habitat of the eco-region include moose, American red squirrels, snowshoe hare, porcupine, American martin, Weasels, American red fox, voles, shrews, little brown bats, American black bear, and woodland jumping mice. Forest nesting birds include fox sparrow, American robin, grey jay, pine grosbeaks, wood peckers, Spruce ptarmington, ring neck ducks and common golden eyes.



Site 3 is located directly inland from Piware River Provincial Park. The distance is approximately 2.8 kilometers and will be very difficult to see with the naked eye. In this picture using normal camera lens the point of land on the right, in the distance is the Pinware River Provincial Park. With establishment of the 90 meter buffer zone from the road and the distance from proposed site to the identified Park negative impacts will be mitigated as a result. This site will be

developed taking into consideration the Pinware River Provincial Park and its proximity to the proposed

location and the proponent will work to mitigate any issues that will negatively impact the scenic view in this area.

5.3 Construction:

Site 3, construction work will commence early May 2013 and will be completed by mid June. The work entailed during this time period will be access road construction, clearing and grubbing of site areas. Potential sources of pollutants will include: exhaust from heavy equipment, diesel oil spillage from refilling, hydraulic oil (line breakage) and motor oil spillage. All equipment working at the site is and will be equipped with oil spillage kits and operators have been trained on how to deploy and use. Harmful affects to the environment will be minimal due to the amount of potential contaminants on site at any given time. They are as follows: 300 liters of diesel fuel, 40 liters of motor oil and 20 liters of hydraulic fluid. All environmental regulations will be followed and the appropriate people contacted incase spills do occur.

5.4 Operation:

Site 3 operation will consist of grubbing, clearing, screening and potential some crushing. At this time the permits requested are for a period of 12 months. When the activity associated with screening and crushing is complete the required materials will be transported to cement batch plant located in the Forteau area. There is no potential resource conflicts in the areas associated with the above site. The potential sources of pollutants may include: exhaust systems, fuel spillage when refueling equipment, hydraulic fluid spillage in case hose breakage and motor oil spillage if equipment breaks or is damaged. The above can be mitigated with proper equipment maintenance, spill kits on site and operators trained to clean up waste based on environmental regulations. The owner of C & T Enterprises will comply with the Quarry Materials Act, SNL 1998 to mitigate any harmful effects to the environment and when the quarries have been depleted of useful materials pit stabilization and redevelopment activities in accordance with the Act will be completed.

5.5 Occupations:

The development of site 3 will not create any new jobs. However, C & T Enterprises has 4 full time employees and 15 permanent seasonal employees. The development of the pits or quarries identified will help sustain current employee levels and potential enhance the number of weeks employees receive on an annual basis. This site construction and operations will likely include the following occupations, classified as per National Occupational Classification, 2006, and equipment. All listed personnel are anticipated to be working at the proposed sites and will include:

- Site Foreman/Supervisor (7217)
- Heavy Equipment Operator (7421)
- Truck Drivers (7411)
- Heavy Equipment mechanics (7312)
- Laborers (7611)
- Health, Safety and Environmental Advisory (2263)

Mr. Trimm will be hiring outside his current employees if deemed necessary.

5.6 Project Related Documents:

Applications are currently on file with the Department of Mines and Energy for the proposed quarry sites located in the Pinware River Valley. There are currently a number of existing pits that have been approved by the Department of Natural Resources, Mines Branch, and Mineral Land Division in this area in the past from Trout River to the Pinware River Bridge.

6.0 APPROVAL OF THE UNDERTAKING

A yearly quarry permit will be required by C & T Enterprises to utilize quarries or pits in the Pinware River Valley. Permits usually expire on December 31, of each year and can only be renewed for a 1 year period.

7.0 SCHEDULE:

The earliest start date, depending on approval from the Department of Natural Resources will be early May 2013. This start date will give C & T Enterprise's ample time to commence with grubbing activity and quarry/pit development and to restore sand supply at the cement batch plant in the Forteau area. Potentially, current pits can probably generate enough aggregate and sand supply to last until this time period.

Nov 16, 2012
Date


Signature of Chief Executive Officer

APPLICATION FOR A QUARRY PERMIT

We C&T Enterprises Ltd.

Address P.O. Box 2 41 Main St. Forteau, NL Postal Code A0K 2P0

HEREBY APPLY FOR A QUARRY PERMIT for 1 hectares for 12 months under the terms and conditions of the *Quarry Materials Act, 1998, SNL1998.*

Have you had permits for this site before? No If yes, list permit numbers _____

If you are applying for a permit to the same area you held under permit last year complete this section only .

File # _____ Previous Permit # _____

I certify that there are no changes or modifications to the size, boundary or location of the existing quarry permit area, or to the method of removal or processing planned at the location.

Note: If there are any changes to the size of the quarry, the method of removal or processing, a new application must be completed for the site.

Date: _____ Name: _____
Signature: _____
Position: _____

Complete this section if the material is needed for a specific contract.

Agency awarding contract _____
Address _____ Phone No. _____
Contract No. _____ Tender closing date _____
Anticipated starting date _____ Anticipated completion date _____
Amount of material req'd: Class "A" _____ Class "B" _____
Asphalt aggregate _____ Other (specify) _____

Proposed end use of material Winter SAND. / Concrete SAND.
Location of end use material Lab Streets.

FOR THE PURPOSE OF REMOVING:	THE QUARRY OPERATION WILL INVOLVE:
<input checked="" type="checkbox"/> Sand	<input type="checkbox"/> Drilling and Blasting
<input type="checkbox"/> Gravel	<input type="checkbox"/> Ripping
<input type="checkbox"/> Rock	<input checked="" type="checkbox"/> Crushing
<input type="checkbox"/> Borrow Material	<input type="checkbox"/> Screening
<input type="checkbox"/> Fuel Peat	<input type="checkbox"/> Washing
<input type="checkbox"/> Horticulture Peat	<input type="checkbox"/> Use of Settling Ponds
<input type="checkbox"/> Stockpiled Material	<input type="checkbox"/> Pit run removal
<input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Asphalt Batch Plant
	<input type="checkbox"/> Concrete Batch Plant
	<input type="checkbox"/> Other (Specify) _____

Ownership of land to the best of your knowledge Crown Private

If Private, complete the following and attach a letter from the owner authorizing you to occupy the property for the purpose of removing quarry material; confirmation of title and ownership must be included.

Name of Owner _____
Address _____
Phone No. _____

Form of Title

Crown Grant _____, Date Issued _____, Volume _____, Folio _____
Crown Lease _____, Date Issued _____, Number _____
Other (Specify) _____

At the time of application, the site being applied for must be clearly marked on the ground using 2 x 4 posts, with a company sign and flagging to mark the corners, and to outline the area.

Is the site visible from nearby highways or main roads? No
Is there an existing access to the quarry site? YES
Describe the type of vegetation cover over the area to be quarried (forest, scrub, barren, etc.) _____
Describe marking if any in addition to the above required markings _____

Is the site being applied for an existing quarry? No If yes, what are the dimensions of the quarry?
Width 50 m Length 120 m Average height of quarry faces _____
Are there any structures (house, fence, pole line, etc.) within the boundaries of the quarry site? No
If yes, describe the structures and give their distance from the site. _____

Are there any brooks, rivers, ponds or streams within the boundaries of the quarry site? No
If yes, specify type of water body _____

Are there any brooks, rivers, ponds or streams within a 200 metre radius of the boundaries of the quarry site? No
If yes, specify type of water body and give its distance from the site _____

Is any of the land within a 300 metre radius of the boundaries of the quarry site being used? No
If yes, describe the land use and give the distance from the site _____

Describe the location of the proposed Quarry with reference to the UTM grid (NAD 1927) on the 1:50,000 Topographic Map. Description must include NTS Map Sheet, zone and the co-ordinates. The UTM co-ordinate should be taken at the entrance to the quarry.
51.3923.4 E 56.4243.5 N Zone _____ Map Sheet _____

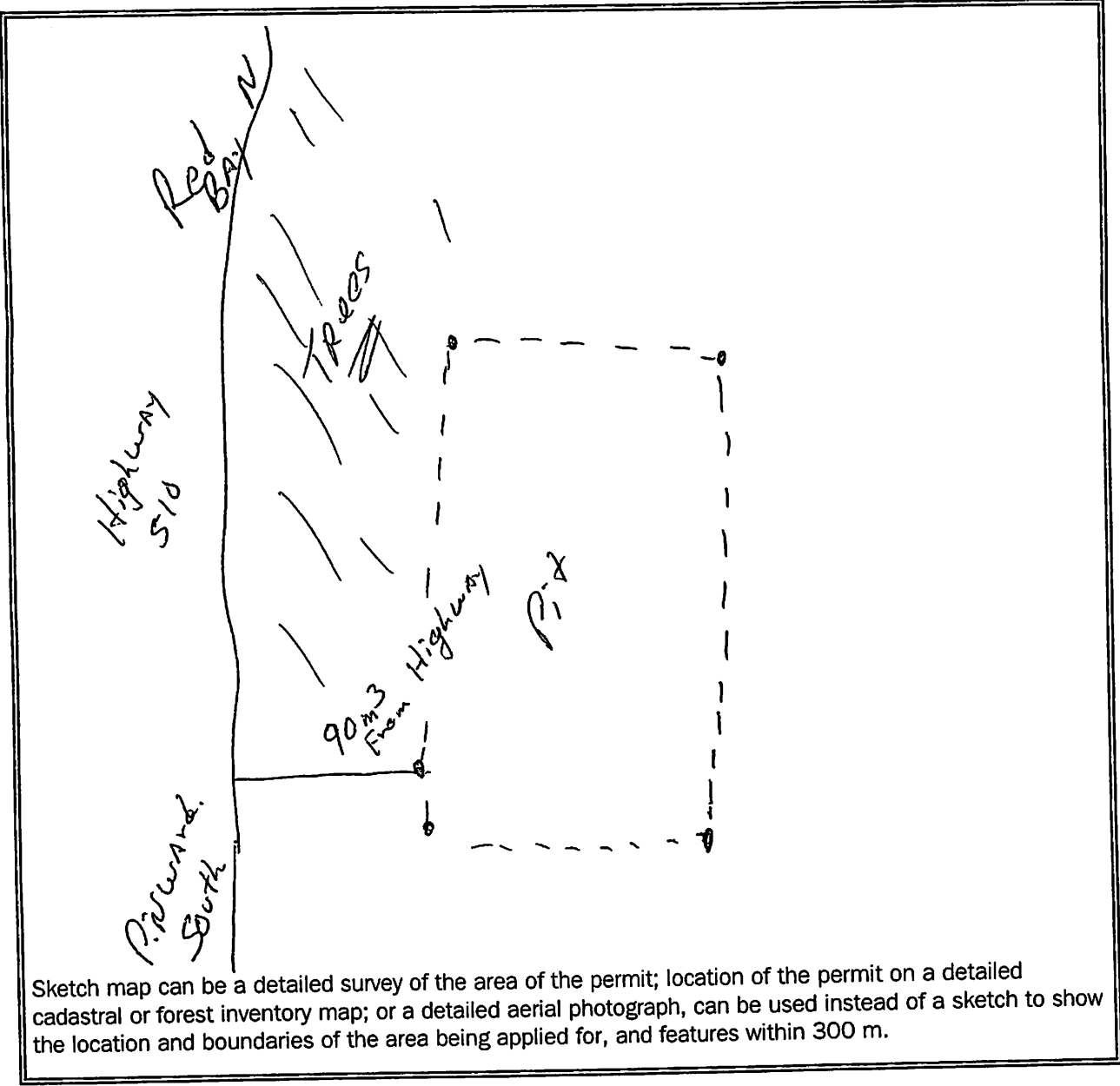
Describe the location of the proposed Quarry with reference to nearby prominent landmarks (road intersections, bridges, etc.) to nearest tenth of a kilometre 7.9 km from Pinward Bridge

The information in this section can be completed by using a Global Positioning System. Inaccurate information will cause delays.

Quarry Pit 3

SKETCH OF QUARRY SITE

In the space below, draw a sketch showing the boundaries and distance between corners of the site being applied for, outline of existing quarry if one exists, distances of all features within the quarry site and all features within a 300 metre radius of the boundaries of the quarry site. That is, the location of the features listed in Section 7 of this application. Also, show the proposed access to the site, the distance the quarry site is setback from the highways or main roads. The location where the UTM co-ordinates was taken should be shown.



I certify that the information contained in this application is correct.

Name: Gaius Trimm

Phone No. Business: (709) 931-2191

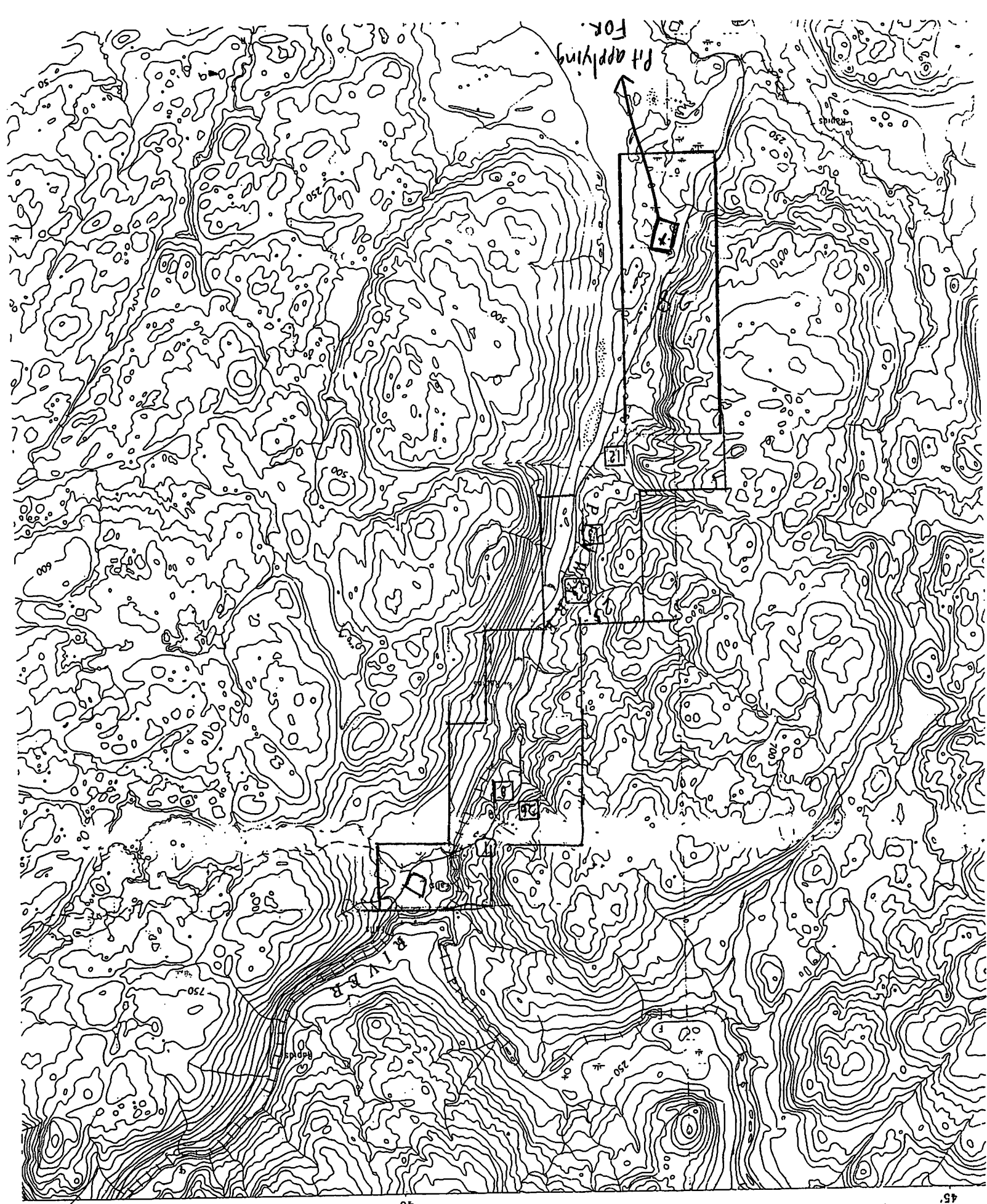
Signature: _____

Fax No.: (709) 931-2193

Position: Owner

E-mail Address: ctenterprises1td@yahoo.ca

Date: April 26, 2012



Pt applying FOR

Quarry Pit 3

NADA

Johns 12 P/15

45

40



Pit/Quarry 3

East Saint Modeste

© 2012 Cnes/Spot Image

© 2012 Google

51°39'48.56" N 56°42'34.72" W elev 174 ft

2002

G

Appendix 1

Topographic Map Pinware River Valley



2163

