

Environmental Assessment
Registration Document

C & T Enterprises Limited
Proposed Quarry, Pit Development
Site 1
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 1

2.0 PROPONENT

Name of Corporate Body: C & T Enterprises Ltd

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

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

3.0 THE UNDERTAKING

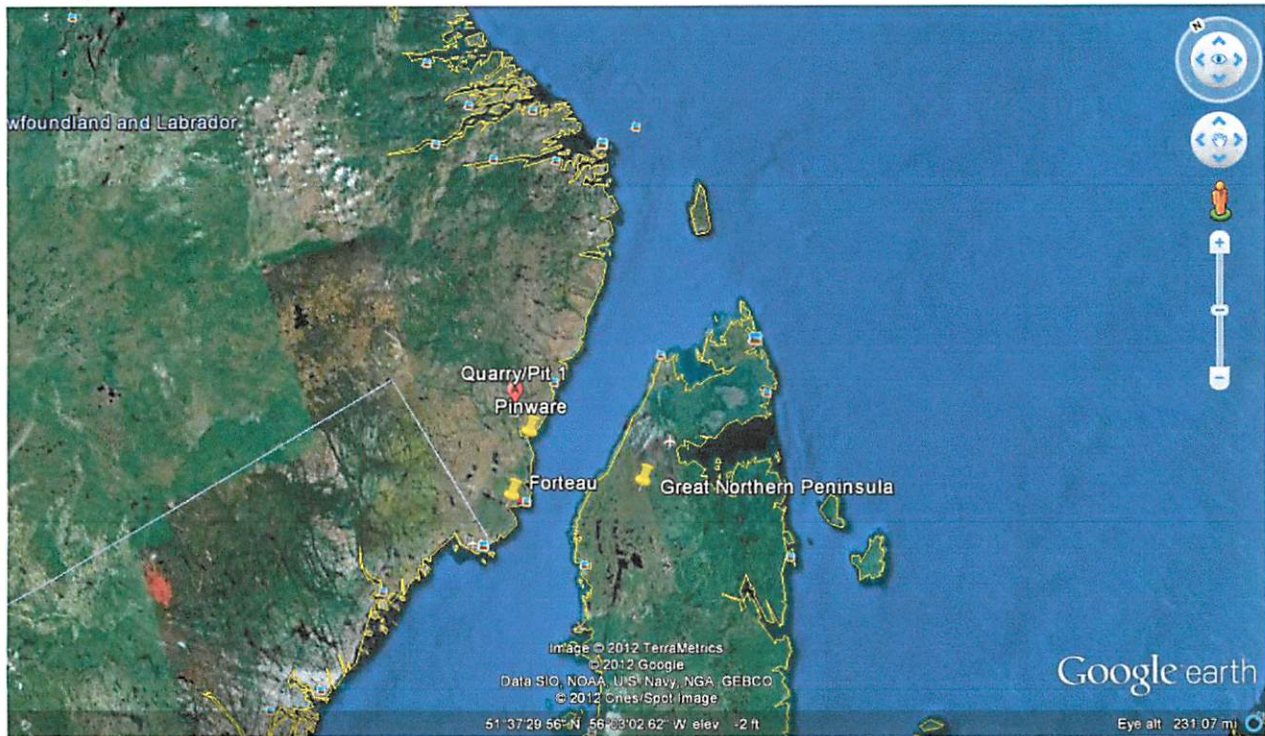
Name of Undertaking: Quarry Construction Pinware River Valley Site 1

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 1 will be used for blending operation and a potential asphalt batch plant location.

4.0 Quarry/Pit Location:

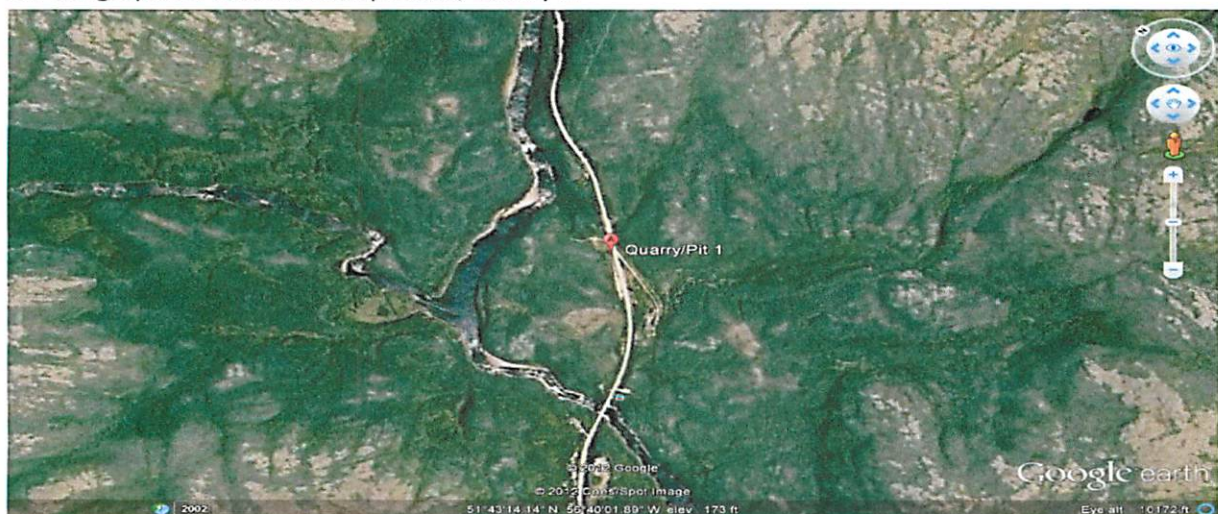
4.1 Map 1- General Location



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/Quarry 1



Site one, exact GPS coordinates East 514313.1, North 564603.7 is located 0.6 kilometers North of Pinware River Bridge, refer to attached topographic map, appendix 1 for site location. Site consists of

low scrub conifers with grassy areas. Route 510 travels through the proposed site, however this section of Route 510 has been re-routed. The nearest community is approximately 9 kilometers to the south and this project will not negatively impact the community of Pinware in anyway.

5.2 Physical Features:



Site 1 will consist of 1 hectare and will be used primarily for blending and possible asphalt batch plant operation. No building infrastructure will be required; a road will have to be constructed from Route 510 new section that opened mid September 2012. This proposed site has a boundary of bog land between the site and the Pinware River. There are no tributaries that will be harmfully

affected in the site area. The proposed site will not conflict with access by recreational fishermen to pools on the Pinware River that are used by lodge owners and local recreational fishers. If they are negatively impacted Mr. Trimm has agreed to mitigate and provide access to Pinware River for local and nonresident anglers in the proposed site area.

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

5.3 Construction:

Site 1, construction work will commence early spring 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 1, 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 1 will not create any new jobs. However, C & T Enterprises has 4 full time employees and 15 permanent seasonal employees. The development of the pit or quarry 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 site 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:

Application is currently on file with the Department of Mines and Energy for the proposed quarry site 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 provide C & T Enterprise's with 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 supply to last until the next construction season.

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 TW
 Address St Johns 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 _____
 Location of end use material _____

<p>FOR THE PURPOSE OF REMOVING:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sand <input type="checkbox"/> Gravel <input type="checkbox"/> Rock <input type="checkbox"/> Borrow Material <input type="checkbox"/> Fuel Peat <input type="checkbox"/> Horticulture Peat <input type="checkbox"/> Stockpiled Material <input type="checkbox"/> Other (Specify) <u>Blending.</u> 	<p>THE QUARRY OPERATION WILL INVOLVE:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Drilling and Blasting <input type="checkbox"/> Ripping <input type="checkbox"/> Crushing <input type="checkbox"/> Screening <input type="checkbox"/> Washing <input type="checkbox"/> Use of Settling Ponds <input type="checkbox"/> Pit run removal <input checked="" type="checkbox"/> Asphalt Batch Plant <input type="checkbox"/> Concrete Batch Plant <input type="checkbox"/> Other (Specify) _____
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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? YES

Is there an existing access to the quarry site? _____

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 _____ Length _____ 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? yes

If yes, describe the land use and give the distance from the site highway 510 is next to the area applied for. Highway 510 is going to be closing this year.

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.

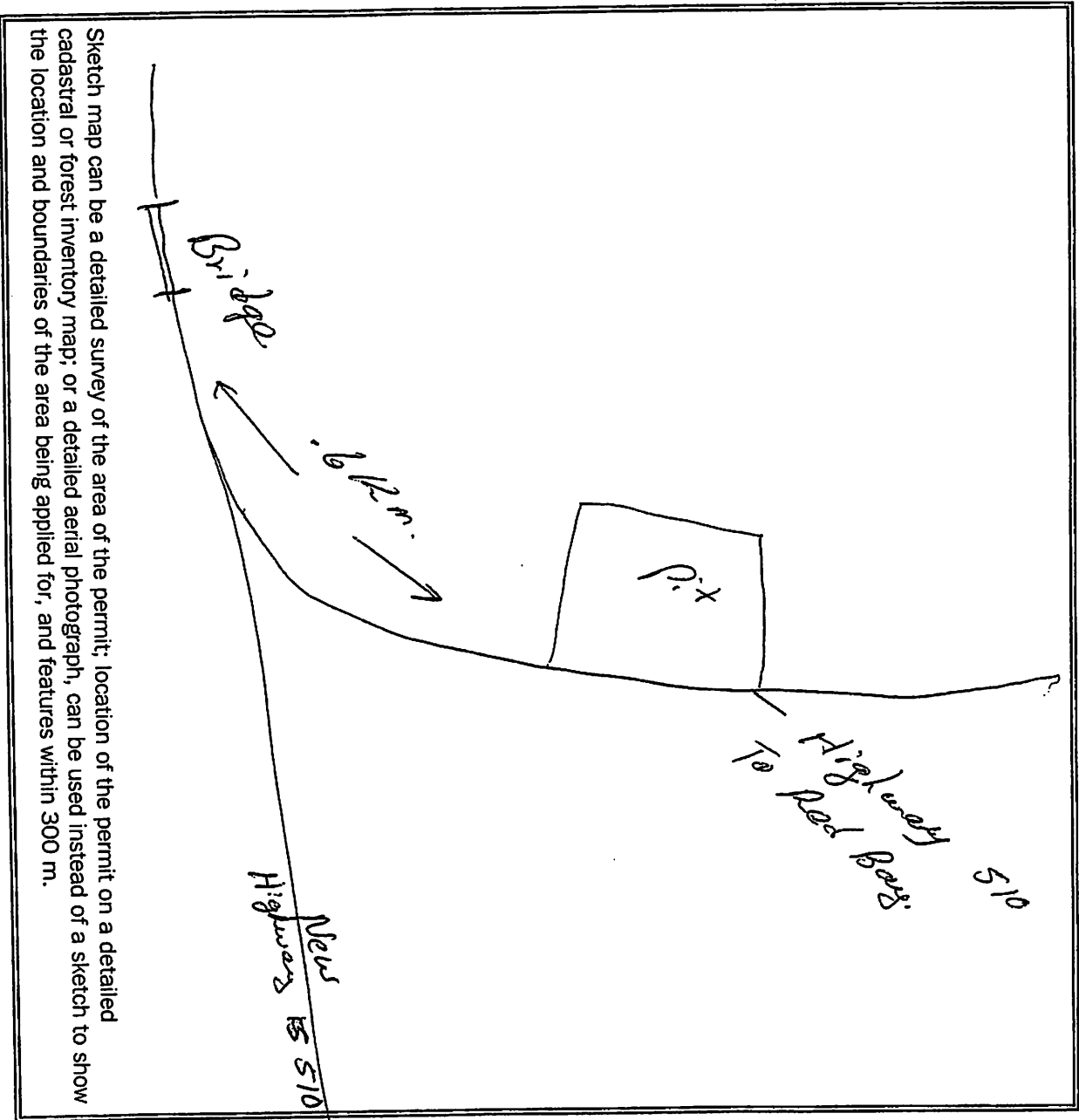
514313.1 E 5640.03.7 N Zone _____ Map Sheet _____

Describe the location of the proposed Quarry with reference to nearby prominent landmarks (road intersections, bridges, etc.) to nearest tenth of a kilometre - 6 Km from North

Pineval River Bridge.

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

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.



Sketch map can be a detailed survey of the area of the permit; location of the permit on a detailed cadastral or forest inventory map; or a detailed aerial photograph, can be used instead of a sketch to show the location and boundaries of the area being applied for, and features within 300 m.

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

Name: Gaius Timm

Phone No. Business: (709) 931-2191

Signature: _____

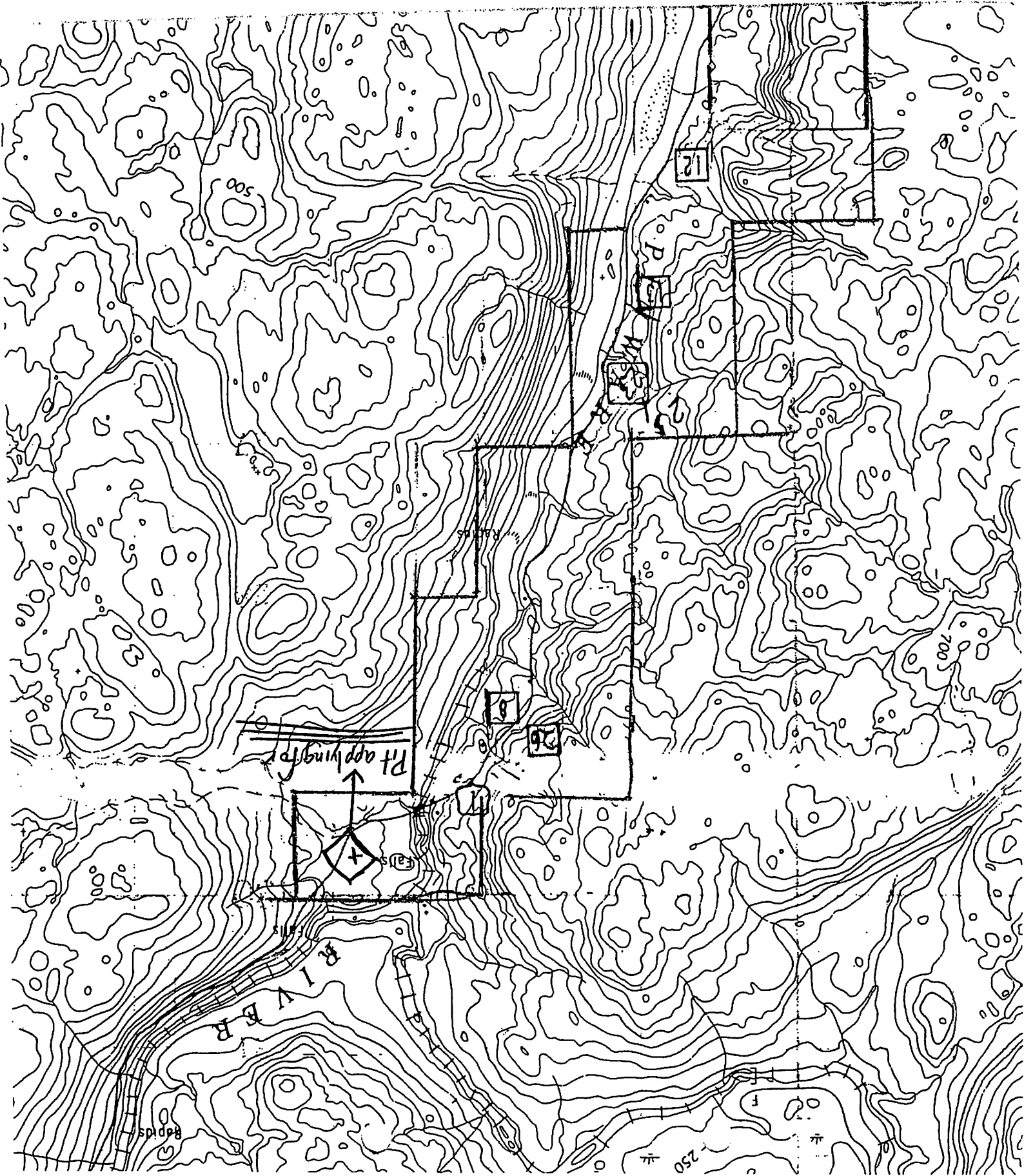
Fax No.: (709) 931-2193

Position: Owner

E-mail Address: ctenterprises114@yahoo.ca

Date: May 07, 2012

Quarry Pit 1



Quarry/Pit 1



© 2012 Cnes/Spot Image
© 2012 Google

51°42'48.21" N 56°41'31.91" W elev 640 ft

2002



Appendix 1

Topographic Map Pinware River Valley



2453

