

## ENVIRONMENT ASSESSMENT REGISTRATION FORM

### NAME OF UNDERTAKING:

To develop the Fortune (Cashmere Brook) ATV Trail from the A & J Enterprise Ltd. quarry pit to connect unto the Lamaline Highway, for highway crossing to the Horn House Road trail.

### PROPONENT:

(i) Name of Corporate Body: Fortune ATV Trail Association Inc.

(ii) Address: c/o Jacob P. Thornhill  
P.O. Box 124  
17 Forest Road  
Fortune, NL A0E 1P0

(iii) Chief Executive Officer:

Name: Jacob P. Thornhill  
Official Title: President  
Address: P.O. Box 124  
17 Forest Road  
Fortune, NL A0E 1P0  
Telephone No.: 709-832-2040/2061/2109  
Fax No.: 709-832-2109  
Cell No.: 709-832-7953

(iv) Principal contact person for purposes of environmental assessment:

Name: Jacob P. Thornhill  
Official Title: President  
Address: P.O. Box 124  
17 Forest Road  
Fortune, NL A0E 1P0  
Telephone No.: 709-832-2040/2061/2109  
Fax No.: 709-832-2109  
Cell No.: 709-832-7953

## **THE UNDERTAKING:**

(i) Nature of the Undertaking:

To develop the Fortune (Cashmere Brook) ATV Trail from the A & J Enterprises Ltd. quarry pit to connect unto the Lamaline Highway for highway crossing to the Horn House Road Trail.

(ii) Purpose/Rationale/Need for the Undertaking:

Presently ATV riders use the A & J Enterprises Ltd. entrance to the quarry pit off the Lamaline Road to connect to the Horn House Road Trail by driving their machines on the shoulder of the highway. Recent meeting with the RCMP revealed that the travel distance on the shoulder of the highway is too great and very unsafe. The proposed trail development would provide safe highway crossing and would be in compliance with the RCMP recommendations.

## **DESCRIPTION OF THE UNDERTAKING:**

(i) Geographical Location:

Geographic maps attached. 1Scalebar unit = 1 miScale is 1:28,483; 1 inch = 0.45mi  
Grand Bank 01-M-04, 12/17/09, 9:55:10 PM, Team Lucid.

The area adjacent to this undertaking is classified as Crown Land under the Town of Fortune municipal plan, and this undertaking have received approval from the Fortune Town Council.

This development will not interfere with adjacent land or properties of cabin owners.

(ii) Physical Features:

The trail will be approximately 1.5 KM with a maximum of five (5) meters wide. The topography of the land is low brush with a small buffer area of fir trees. The only water body in the area is the Cashmere Brook, a small stream that discharges into Horse Brook. Minimum wildlife has been seen in the area over the years. The Cashmere Brook is not licenced and brook trout over the years has been minimum.

(iii) Construction:

The trail will be developed/constructed in compliance with all regulatory agencies, to ensure the safe protection of the wetland, streams and wildlife and to provide maximum safety for all trail users. The small stream (Cashmere Brook) within the trail area will be

bridged using untreated timber. Due to the existing land surface there are no wet lands, swamps or muddy land that would have to be corduroyed.

The development/construction of this trail will require the use of a small track excavator for approximately four (4) days, the remaining development/construction will be performed by manual labour. To ensure the safety of the environment, excavation will be performed in compliance with the terms and conditions of Environment Permit for trail development (copy attached). Physical construction - related activity on the site will commence in early May 2010 and should be completed within a period of one (1) month.

From our previous experience with the development of the Licenced North West Pond Trail, File No. 550-01-01-018, Permit No. PRO 4894, we cannot foresee any potential sources of pollutants, including airborne emissions, liquid effluents and/or solid waste materials during the development/construction period. There are not potential causes of resource conflicts.

(iv) Operation:

The trail will provide safe crossing of the Lamaline Highway to connect unto the Horn House Road Trail. Appropriate signage will be erected for safety measures. The trail will be used year around by the members of the Fortune ATV Trail Association Inc., and the general public (ie) walking trail, bicycling, snowmobiles, and ATV machine use.

(v) Occupations:

In addition to the hire of a small excavator, four (4) employees male and female will be hired to complete the construction of the bridge, removal of brush and other related debris from excavation. One individual (employee) will be required to possess the OHS training certificate and will act as the safety representative during the duration of the development/construction period. Workers will be required to wear appropriate safety clothing (ie) safety boots, gloves, goggles, hard hat and safety vest. Portable pottie will be provided for the workers. No form of hazard liquids or materials will be used during the development/construction period of this undertaking.

(vi) Project-Related Documents:

Application No. 135270, Government of Newfoundland and Labrador, Department of Environment and Conservation, Land Branch, Eastern Region. Base maps showing proposed site, boundaries and adjacent land use.

We are not aware of any environmental study or related work performed in respect to the undertaking. During the early 60's, according to the Town records, the area adjacent to the proposed trail was used by the Department of Transportation housing a large garage and storage pit.



**APPROVAL OF THE UNDERTAKING:**

The proponent will require the approval, permits and licences, etc. from all of the following provincial government agencies:

Dept. of Environment & Conservation  
Rob May, Lands Branch

Dept. of Government Services  
Government Service Centre (Mews Pl.)

Dept. of Natural Resources  
Edward Stewart, Forestry Branch  
Dept. of Municipal & Provincial Affairs  
Urban & Rural Planning Division

Dept. of Natural Resources  
Heather Hickman, Mineral Lands Division

Dept. of Environment & Conservation  
Environment Assessment Division

Dept. of Environment & Conservation  
Water Resources Division

Historic Resources  
Martha Drake Historic Resources Div.

**SCHEDULE:**

All related work activities will commence in early May 2010, subject to the approval of all regulatory departments.

**FUNDING:**

The entire cost of development/construction will be paid for by the Fortune ATV Trail Association Inc.

Cost Recovery Policy:

Estimated capital cost for the foregoing undertaking:

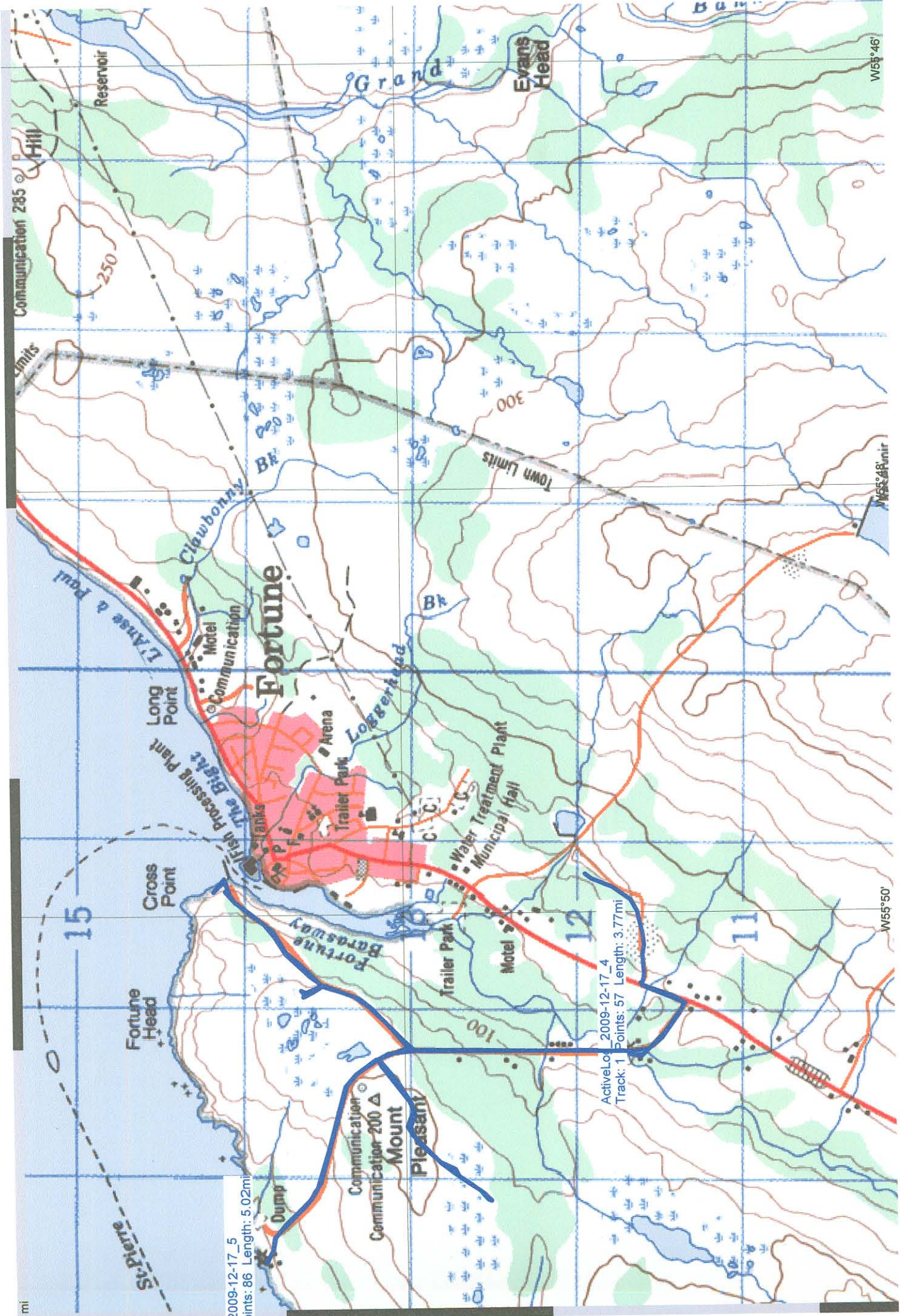
Hire of excavator	\$	4,000
-------------------	----	-------

Material - bridge construction	1,200
Labour & merc	6,870
Total estimated capital cost	<u>\$ 12,070</u>

Dec. 21, 2009  
Date

  
Signature of Chief Executive Officer





Hope this is suitable Lake in order to show trail through Quarry i also Added on trail of Horn House Rd. i show AS if we are hugging highway on small scale map.



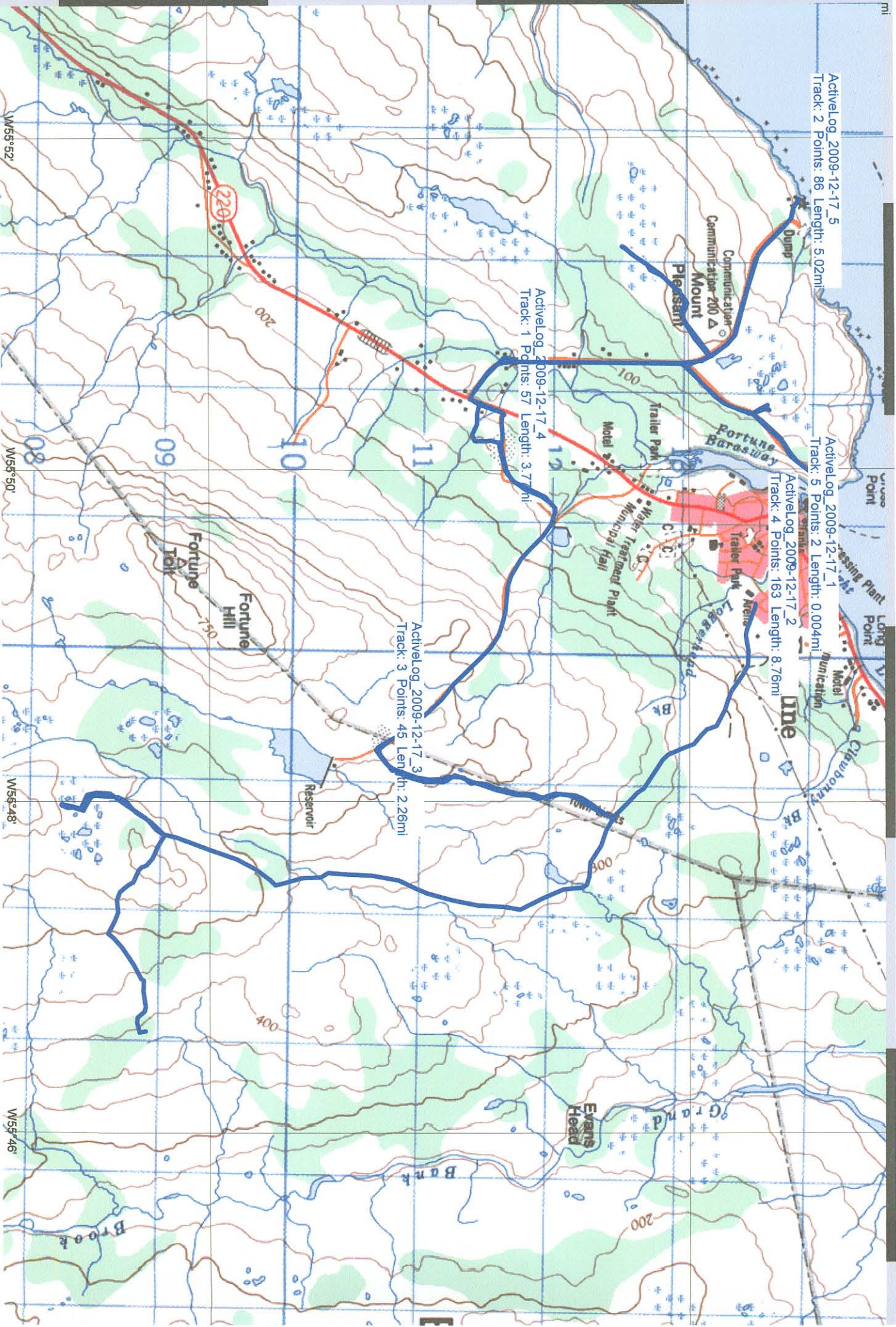
Activelog\_2009-12-17\_5  
Track: 2 Points: 86 Length: 5.02mi

Activelog\_2009-12-17\_1  
Track: 5 Points: 2 Length: 0.004mi

Activelog\_2009-12-17\_2  
Track: 4 Points: 163 Length: 8.76mi

Activelog\_2009-12-17\_4  
Track: 1 Points: 57 Length: 3.7mi

Activelog\_2009-12-17\_3  
Track: 3 Points: 45 Length: 2.26mi



1 Scalebar unit = 1 mile  
Scale is 1:37,007  
1 inch = 0.58 mi  
Grand Bank 01-M-04, 12/17/2009, 10:04:21 PM, Team Lucid

Full Trail Note Quarry Square

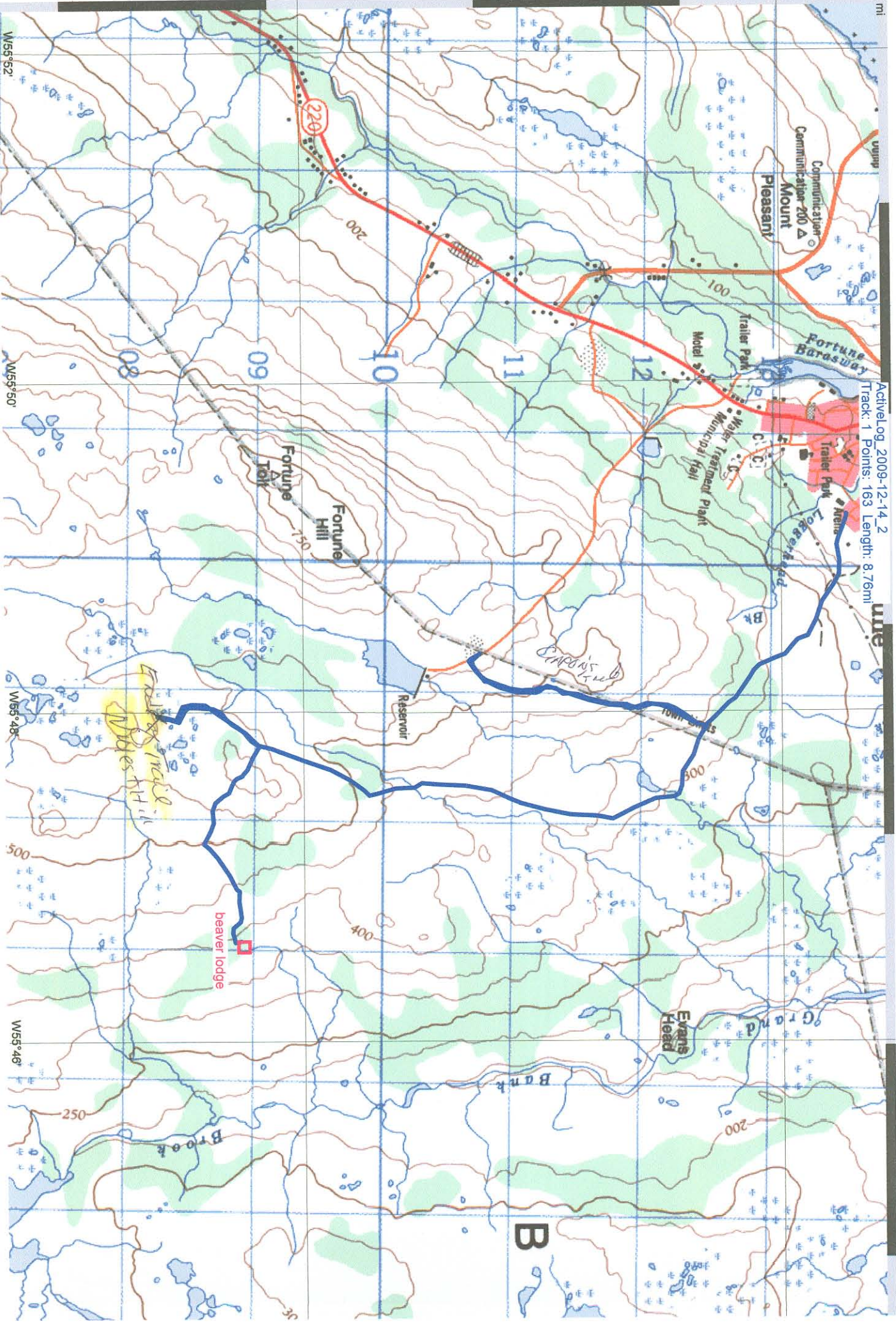


1 mi

ActiveLog\_2009-12-14\_2

Track: 1 Points: 163 Length: 8.76mi

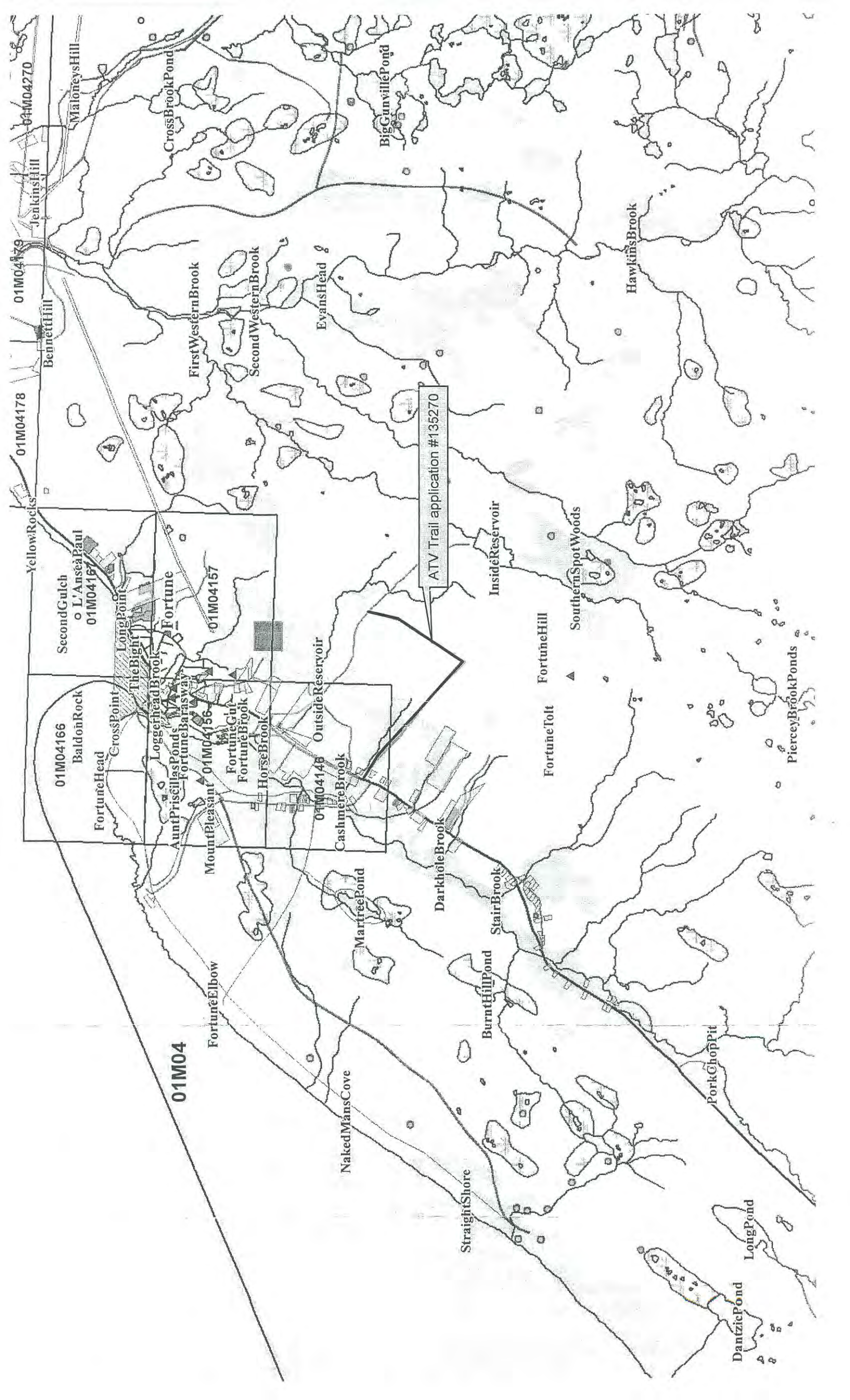
B



1 Scalebar unit = 1 mi  
 Scale is 1:37,007 1 inch = 0.58 mi  
 Grand Bank 01-M-04, 12/14/2009, 5:43:45 PM, Team Lucid

*Map by Bill Buttrick  
 Fortnum, Dec. 14th.*





01M04270  
Maloneys Hill

01M04179  
Jenkins Hill

01M04178  
Bennett Hill

01M04166  
Baldon Rock

01M04167  
L'Ansea Paul

01M04156  
Mount Pleasant

01M04157  
Fortune

01M04148  
Outside Reservoir

01M04  
Fortune Elbow

Cross Brook Pond

First Western Brook

Second Western Brook

Evans Head

Big Gunville Pond

Inside Reservoir

Fortune Hill

Southern Spot Woods

Hawkins Brook

Yellow Rocks

Second Gulch

Fortune Tolt

Fortune Hill

Fortune Tolt

Fortune Hill

Fortune Tolt

Fortune Hill

Fortune Tolt

Fortune Head

Cross Point

Loggerhead Brook

Aunt Priscilla Ponds

Fortune Cup

Fortune Brook

Horse Brook

Cashmere Brook

Darkhole Brook

Fortune Head

Marriage Pond

Darkhole Brook

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Fortune Head

Naked Mans Cove

Straight Shore

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Fortune Head

Pork Chop Pit

Darkhole Brook

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Fortune Head

Long Pond

Darkhole Brook

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Fortune Head

Dantzic Pond

Darkhole Brook

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Fortune Head

Long Pond

Darkhole Brook

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

Stair Brook

Burnt Hill Pond

ATV Trail application #135270



**APPENDIX A**  
**Terms and Conditions for Environmental Permit**

---

ATV Trail- Grand Bank PWSA

**PWSA General**

1. All operations must be carried out in a manner that prevents damage to land, vegetation, and watercourses, and which prevents pollution of bodies of water.
2. All vehicles and equipment must be clean and in good repair, free of mud and oil, or other harmful substances that could impair water quality.
3. Any areas adversely affected by this project must be restored to a state that resembles local natural conditions. Further remedial measures to mitigate environmental impacts on water resources can and will be specified, if considered necessary in the opinion of the Department.
4. All persons working on this project must be informed that they are within a Protected Public Water Supply Area, and must be made aware of all conditions of this Permit. A copy of this Permit must be on site during operations.
5. The attached Completion Report (Appendix B) for Permit No. 4894 must be completed and returned to this Department upon completion of the approved works.
6. An undisturbed (no cutting or ground disturbance) buffer zone of at least 50 metres shall be maintained around all water bodies. Activity or development within these buffer zones is prohibited. All buffer zones must be marked with signs or flagging tape to avoid encroachment into the buffer zones.
7. All waste material is to be collected in refuse containers, and disposed of at an approved waste disposal site outside the Protected Public Water Supply Area in accordance with the *Environmental Protection Act, SNL 2002 cE-14.2*.
8. The permit holder shall not cross, operate in, nor disturb any body of water, either directly by any means of installing a bridge or culvert, without first obtaining a permit under Section 48 of the *Water Resources Act SNL 2002 cW-4.01*. *The 3 unnamed streams will require a stream crossing (bridge or culvert)*
9. The Department reserves the right to require that the proponent follow, and cover all costs incurred by the proponent or this department, associated with any water quality monitoring program that may be ordered by the Minister for the purpose of ensuring that the water quality is maintained within acceptable guidelines.
10. Officials of the Department and the appropriate Municipal Authority, Operator, or Watershed Management Committee may visit the site to ensure compliance with this Permit.
11. Liaison is to be maintained with the appropriate Municipal Authority and Environmental Scientist ( Watershed Specialist ). If there are any specific problems (ie sedimentation, fuel spill, other potential water quality impairment), the appropriate Town Manager/Clerk, Mayor, Chair of the Local Service District Committee, or Chair of the Water Supply Committee must be notified immediately at (709)832-1600. The Environmental Scientist ( Watershed Specialist ) must also be notified immediately at 729-4817 .
12. The felling or disposing of trees, parts of trees, sawdust, bark , logging debris or slash into a water body or upon the frozen surface of a water body is strictly prohibited.
13. Treated wood shall not be used in a water body or within 150 metres of the high water mark of any water body. The use of creosote treated wood anywhere within the Protected Public Water Supply Area is strictly prohibited.
14. The location of the work is highlighted on the Location Map for this Permit attached as Appendix C.
15. This Permit is valid for one year from the date of issue.



- 16 . Any changes in water quality resulting directly from this project, rendering the water unsuitable as a public water supply, are the responsibility of the proponent. The Minister may order the proponent to provide an alternate source of potable water to the affected community until water quality returns to an accepted level.
- 17 . The section of trail from the upper Fortune reservoir to this trail is NOT approved.
- 18 . All equipment must be in good working order with no leaking fuel or oil.

#### **Fuel Storage**

- 19 . There shall be no bulk fuel storage associated with this project within the protected water supply area. Fuel shall be brought to the operating area in no more than two (2), 205 litre barrels or one (1) 500 litre slip tank. Refuelling sites shall be located at least 150 metres from any water body or wetland. The proponent is hereby informed that fuel storage and handling requires a separate approval under the *Storage and Handling of Gasoline and Associated Products Regulations*, CNR 775/96.
- 20 . Any spills of gasoline, fuel or oil, regardless of volume, shall be reported immediately to the Environmental Scientist ( Watershed Specialist ) and the appropriate Municipal Authority or Watershed Management Committee by calling 729-4817 .and (709) 832-1600 respectively. Furthermore, all spills in excess of 70 litres shall be reported immediately to the 24 hour spill report line at (709) 722-2083 (call collect) or 1-800-563-9089.
- 21 . A complete oil spill clean-up kit must be on site at all times when gasoline or fuel powered equipment is being used or refuelled. The kit must contain the following:
  - One hand operated fuel pump
  - One recovery container such as an empty 205 litre drum
  - One shovel
  - One pick ax
  - Five metres of containment boom
  - Five absorbent pads
  - Twenty-five litres of loose absorbent material
- 22 . Refuelling sites shall be located at least 150 metres from any water body or wetland.

January 8, 2010

Fortune ATV Trail Association Inc.  
17 Forest Road  
P.O. Box 124  
Fortune, NL  
A0E 1P0

Environmental Assessment Division  
Dept. Of Environment & Conservation  
P.O. Box 8700  
St. John's, NL  
A1B 4J6

Attn: Mr. Brent Keeping

Dear Sir:

Re: Fortune ATV Trail Association Inc. Registration

Attached hereto please find map showing actual location of the proposed new trail (circled and noted new trail). Please note that under Section Physical Features of our registration we in error recorded that the new proposed trail development was 1.5 KM long. The actual distance of the new proposed trail is 0.167 miles (refer map).

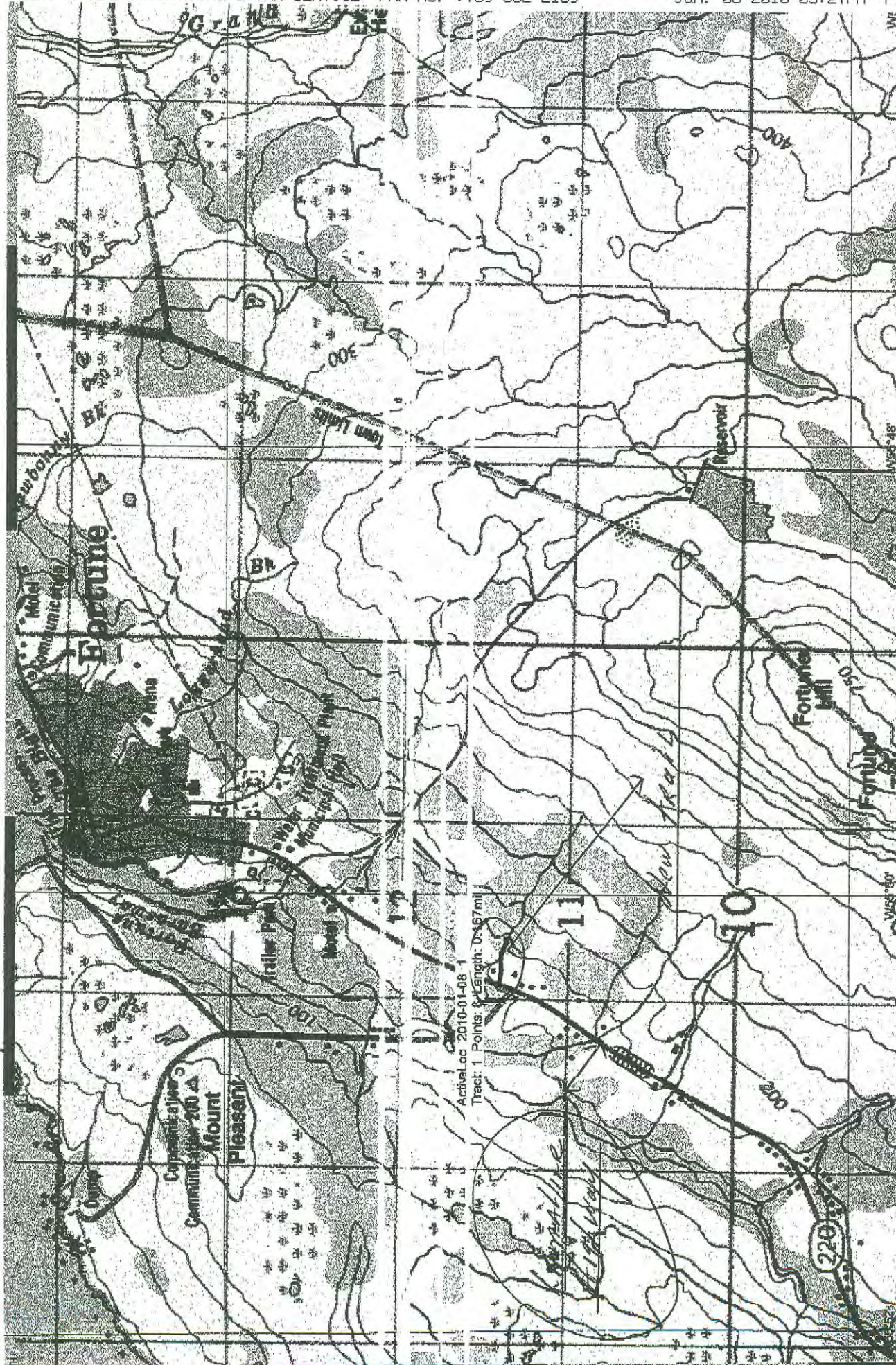
If the enclosed do not meet your approval, please advise. Thank you.

Yours truly,



Jacob P. Thornhill  
President





AREA SHOWN BLUE IN BLOCK 12 & 11

1 Scalebar unit = 1 mi Scale is 1:28,483 1 inch = 0.45 mi  
 Grand Bank 01-M-04, 1/08/2010, 1:10:48 PM, Team Luck