Adaptive Forest Management/History
Keystone Projects 2010

Bob Udell and Peter Murphy
Foothills Research Institute
AGM
June 2, 2010
The Northern Rockies EcoTour Project 2008-2011

- Funding Partners
  - Alberta Sustainable Resource Development
  - Community Initiatives Program
- In Kind Partners
  - F.C. Pollett Inc.
  - Peter Murphy
  - Tom Peterson
Ontario II
Sault Ste. Marie to Midland

Leaving the way from Sault Ste. Marie to Midland, this Ecotour unveils the fascinating natural and cultural history of Ontario's Huron Coast. Whether walking the Attikamek Trail in the Sault, learning about the Algonquian heritage on Manitoulin, touching a beaver in Science North or following in the wake of the Group of Seven through the white hills of Killarney, you'll discover that the Sault Ste. Marie to Midland Ecotour is the guide to follow.

Trans Canada Ecotours are the ultimate travel companion. An easy to use guidebook with detailed, up to date information, it is ideal for the discerning traveller or those who just want to see it all. Broken down by Ecopoints, you'll find suggestions on what to see and do, from captivating museums and spectacular scenery to best bets for finding breathtaking scenery and wildlife spotting. Each Ecopoint is a complete guide to explore the region, often offering tips to help you along your journey. And, for the serious outdoor enthusiast, you can venture on your own while exploring the region's treasures or want to explore off the beaten path, planning is made easy with detailed maps and distances between points, ensuring you won't miss a thing.

Travelling with Trans Canada Ecotours is travel made easy – let it help you set your compass for adventure and discovery.

Ecotours – A Long Tradition
Adaptive Forest Management / History

Ecotours – A Long Tradition

• A Travel Companion
• Bias Balanced Issue
• Educational Resource for Visitors as well as Locals

Core Study Area
Why This EcoTour?

Showcases FRI Research Program

Adaptive Forest Management/ History
Why This EcoTour?

14 Years of Information Gathering 1996-2010
Adaptive Forest Management/ History Program
Why This EcoTour?

An Area with a Legacy of Stewardship – Forestry
Why This EcoTour?

An Area with a Legacy of Stewardship – Mining
Why This EcoTour?

A World Heritage Park
Why This EcoTour?

- An Area Rich in Historical Resources

David Thompson BiCentennial
1811-2011
Why This EcoTour?

A Recreational Paradise
Why This EcoTour?

World Class Wildlife Viewing
Why This EcoTour?

An Area Rich in Native Culture
Ecotour Highlights - Hinton

- Beaver Boardwalk
- Trails and Bike Park
- Hinton Training Centre – Museum, Fire Training
- Foothills Research Institute
- Natural Resources Interpretive Park
Ecotour Highlights – Hwy 40 S

Harvest and Reforestation
Mining and Reclamation - Wildlife
FRI Research – Grizzly Bears, Watershed
Biodiversity – Cadomin Cave Bats
Ecologically Significant Areas – Cardinal Divide
Coal Branch History
Ecotour Highlights – Hwy 40 N

History and Culture
- Shand Harvey,
- The Iroquois Story

Switzer Park
FRI Research and Application
- Healthy Landscapes

Switzer and Willmore Parks
The Caribou Issue
Town of Grande Cache
Ecotour Highlights – Jasper NP

History
- Jasper House – Fur Trade
- Aboriginal Settlement/ Expulsion
- Mining and Forestry

Town of Jasper

FRI Research and Application
- Jasper Firesmart/Forestwise Program

Geology of the Rockies

Ecology – Species at Risk
Ecotour Highlights – Hwy 16 West

Railways and Transportation
Geology
History
Forest Pathology
- Mountain Pine Beetle
- Dwarf Mistletoe
Ecotour Highlights – Icefields Parkway

Early Explorations – Historic Figures
Athabasca Pass – Fur Trade
Wildlife – Goats, Sheep, Caribou
Geology
Climate Change - Icefields
Stay Tuned for the Next Phase........
Adaptive Forest Management/ History

PROJECT TEAM

Bob Udell    Project Lead
Tom Peterson    Fred Pollett    Pete Murphy

PROJECT TEAM
Whirlpool Logging History Project

Pete Murphy

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The Jackladder: Tie Logging on the Whirlpool
Adaptive Forest Management/ History
“Sealed Lugar Pistol -- property of Mr. A.P. Bauland, 
Enroute to Forks of Whirlpool River Timber Business along with Donald MacLeod Lacombe.”

(June 1st 1918)
1919 Timber Berth Survey
June 30, 1919
J. Grant MacGregor

Guelph-Goderich RR to 1909

Alberta Central RR Red Deer 1910

WW I Canadian Army Engineer 1916

Resident Road Engineer Jasper 1919 - 1920

Chief Highway Engineer Manitoba 1921
Post opposite large boulder

Timber Berth Tie Point: Large Boulder

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Old Columbia Trail
James McNiece
Austin
1866-1922

Highest Bidder
Whirlpool
Timber Berth
1919
AUSTIN & NICHOLSON
CHAPLEAU, ONTARIO

Largest Producers of Railroad Ties In the Dominion

Pine and Spruce—Lumber—Lath—Piling
Railroad Ties—Pulpwood

FIRST CLASS PLANING-MILL EQUIPMENT

Facilities for delivering Pulpwood to Michipicoten Harbour, Lake Superior

Splendid facilities for Dressing and Matching in straight car lots, one or more widths

Mills at NICHOLSON, ONTARIO, Main Line C.P.R.
Tie Camp Locations

Whirlpool River Tie Logging Camps
1919 - 1927

Mount Edith Cavell

Moab Lake

Siman Creek

Second Camp

Third Camp

First Camp

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1938 Air Photo – Camp 1 Area
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Fire Guard 1926

Camp 1

Camp 3

1938 Air Photo
Second Tie Camp Area
“Wagonwheel” Camp
Third Tie Camp
Second Camp from Third Camp
Contractors

James C. Gibson
David E. Conroy
Tom Staples
Dennis ("Dinny") Hogan
Jack, Bruce and Closson Otto
Whirlpool Tie Camp Locations

Whirlpool River Tie Logging Camps
1919 - 1927

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Boom logs by present 93A Bridge

JYMA 2008.114.02
Cable or light chain
Adaptive Forest Management/ History
Possible Holding Boom at Maligne River
Pier in Athabasca -- Jackladder Area
“Tie Island” Pier
Possible Jackladder Boom Layout

Jackladder Area - 2009 Plot

Possible Boom Layout

Jackladder GPS Points collected by Peter Murphy as of December 21, 2009.
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Boom Logs on the Delta

Cold Sulphur Spring
Whirlpool Railroad Tie Production

1927 boom & skiffs