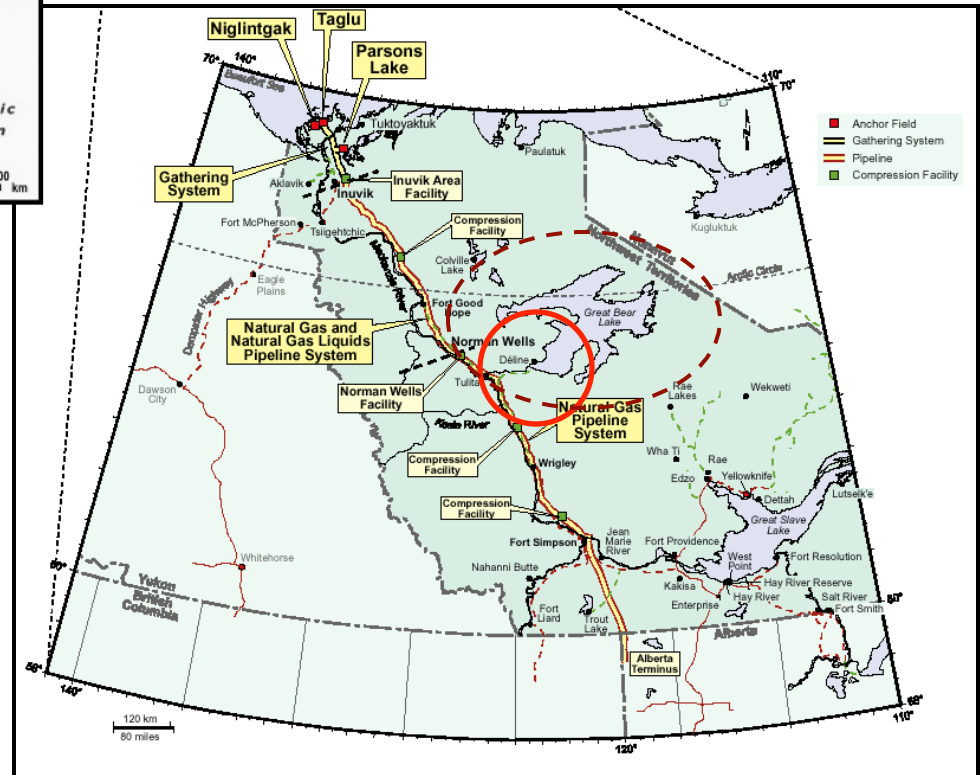
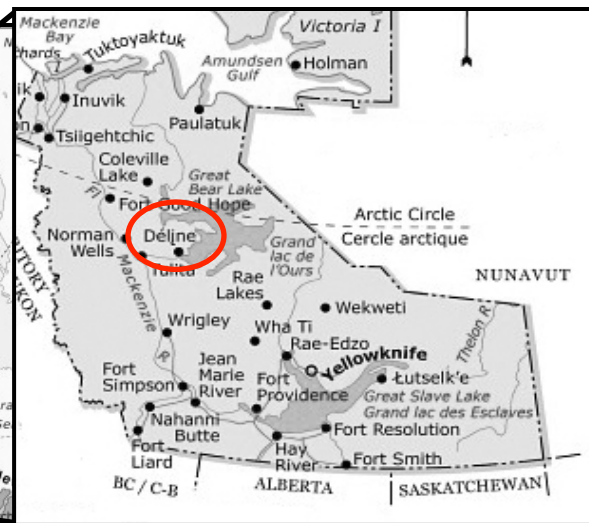
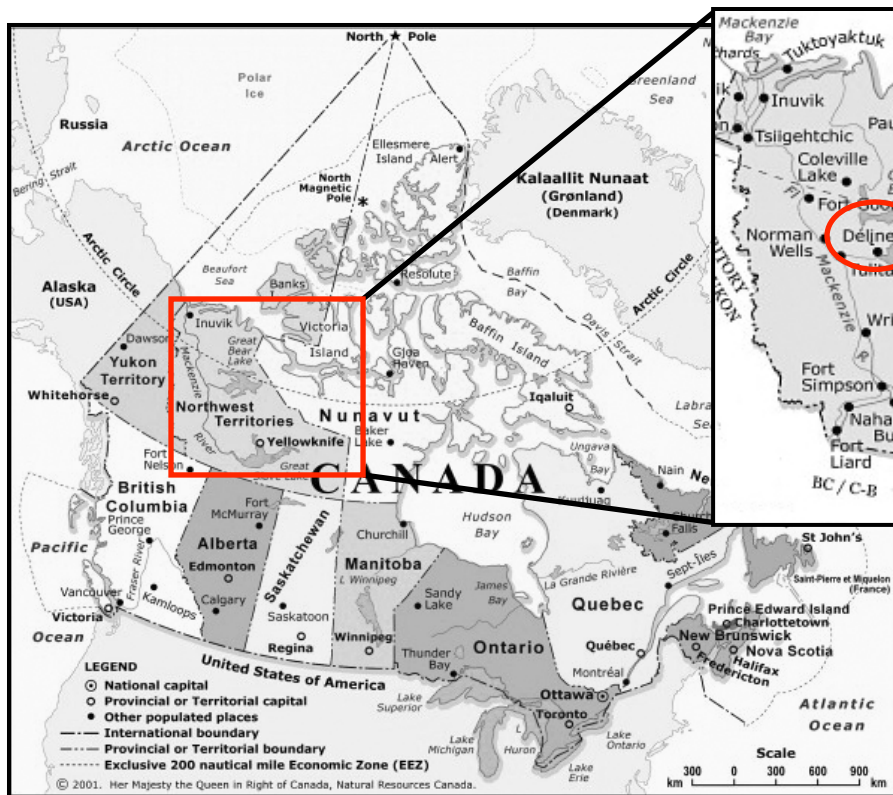


Locating the Waterheart: Great Bear Lake Watershed Management in the Northwest Territories, Canada

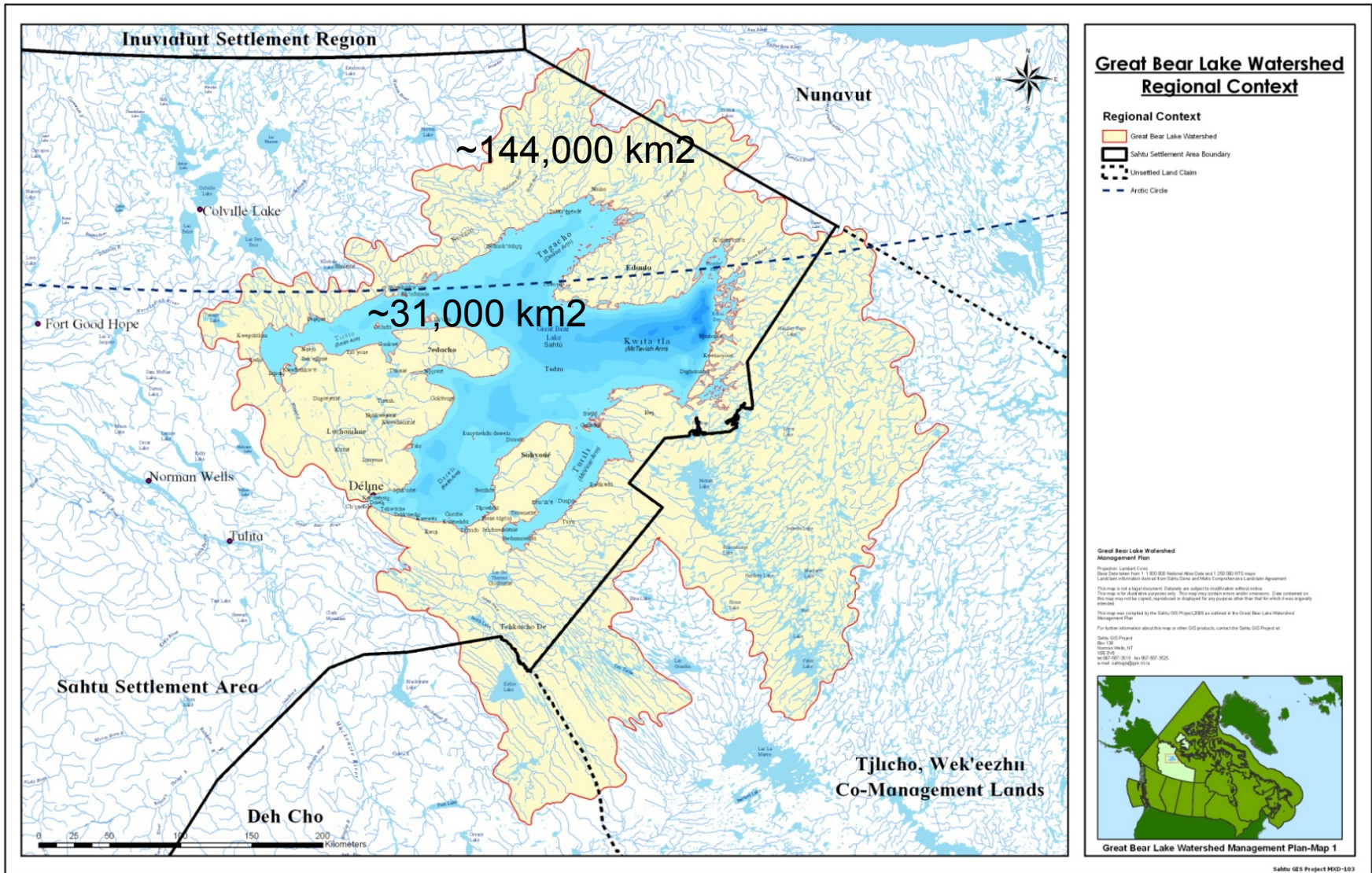
Ken Caine
Assistant Professor,
Department of Sociology
University of Alberta

People in Places June 26 - 29, 2011

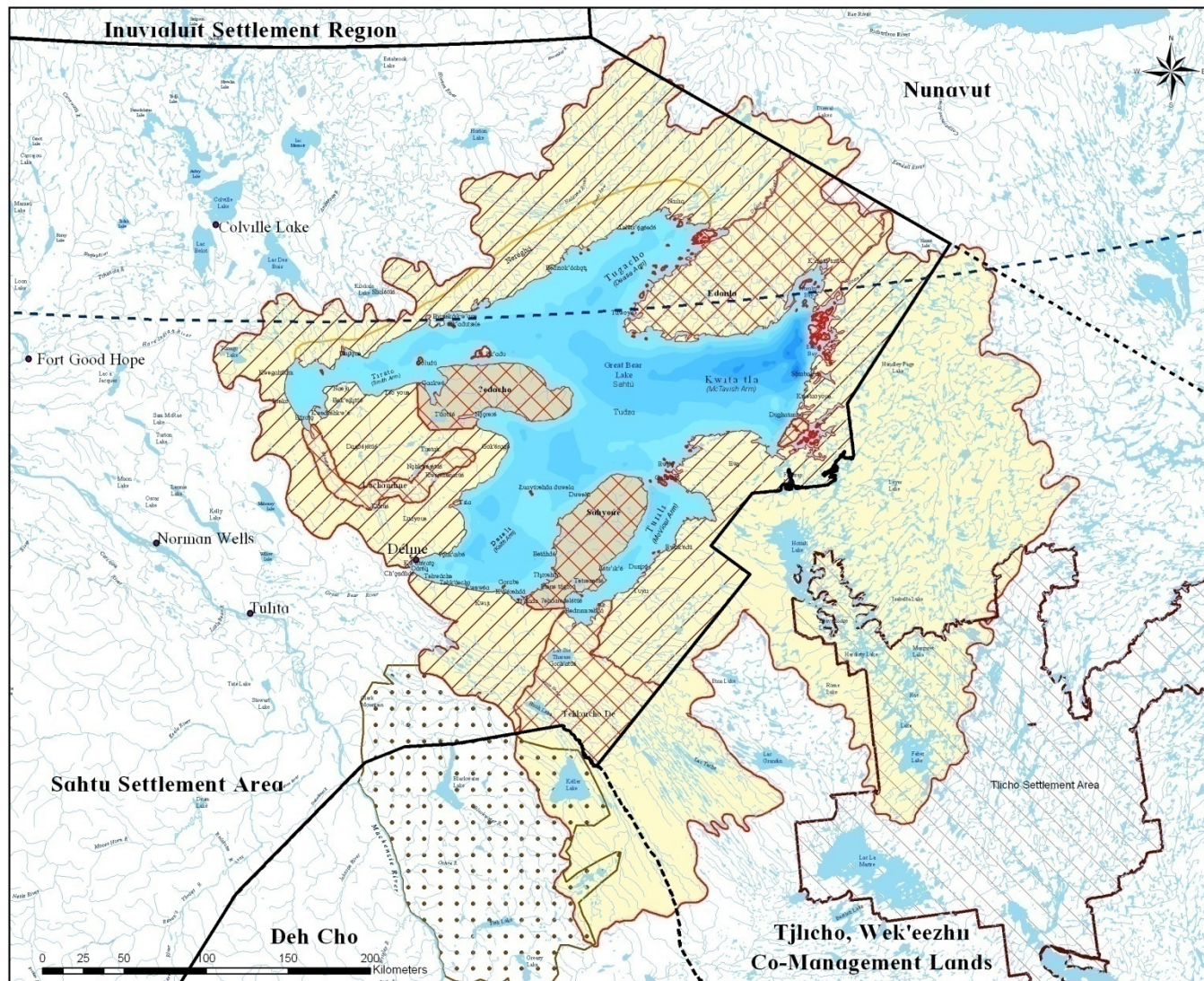


Great Bear Lake

Largest lake entirely within Canada's borders; 9th largest in the world



A changing landscape



Great Bear Lake Watershed Special Management Zone, Conservation Zones, Heritage Sites and Proposed Protected Areas

Great Bear Lake Watershed Special Management Zone

DRAFT-Sahtu Land Use Plan

- Conservation Zone
- Great Bear Lake Watershed-Special Management Zone

- Heritage Site
- Great Bear Lake Watershed

NWT-Protected Areas Strategy Community Initiatives

- Candidate Area with Interim Protection
- Area of Interest
- Tjilcho Boundary
- Sahtu Settlement Area Boundary
- Unsettled Land Claim
- Arctic Circle

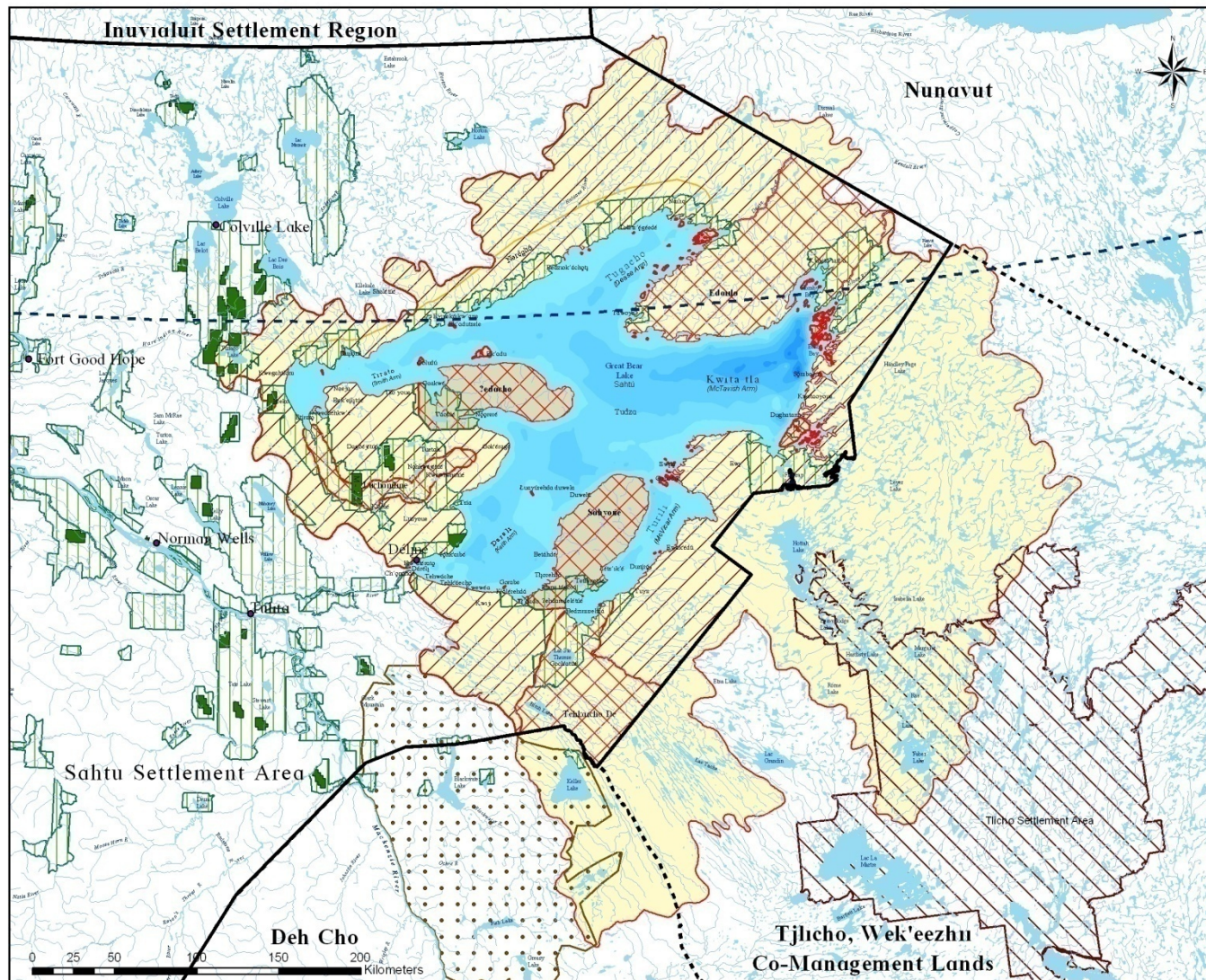
Great Bear Lake Watershed Management Plan

Proportion: 1:500,000
Scale: 1:500,000
Data: Data from 1:1,000,000 National Atlas Data and 1:250,000 NTS map
Legend: Information derived from Sahtu OGS and other Government of Canada sources
Protected Areas Strategy (Government of Canada and Northwest Territories)
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This map is for informational purposes only. This map may contain errors and/or omissions. Data contained on this map may not be current, incomplete or different from other data for which it was originally derived.
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Sahtu OGS Project
Box 130
Inuvik, Northwest Territories, X0A 0H0
Tel: 867-987-2519 Fax: 867-987-2525
E-mail: sahtuogs@sahtu.ca



Great Bear Lake Watershed Management Plan-Map 3

A changing landscape



Great Bear Lake Watershed
Settlement Lands

Great Bear Lake Watershed
Settlement Lands

Sahtu Settlement Lands

RIGHTS



- Surface Rights
- Subsurface Rights

DRAFT-Sahtu Land Use Plan

-  Conservation Zone

NWT-Protected Areas Strategy Community Initiatives

- Candidate Area with Interim Protection

-  Area of Interest
-  Saitu Settlement Area Boundary

-  Tijicho Boundary
 Unsettled Land Claim
 Arctic Circle

Great Bear Lake Watershed
Management Plan

Base Data taken from 1:1,000,000 National Atlas Data and 1:250,000 NTS maps
Land claim information derived from Sahlu Dene and Malla Comprehensive Landclaim Agreement

Protected Areas developed by the Northwest Territories Parks

Area: Strategy (Environment and Natural Resources, Government of

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Management Plan

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Sattu GIS Project
Box 100

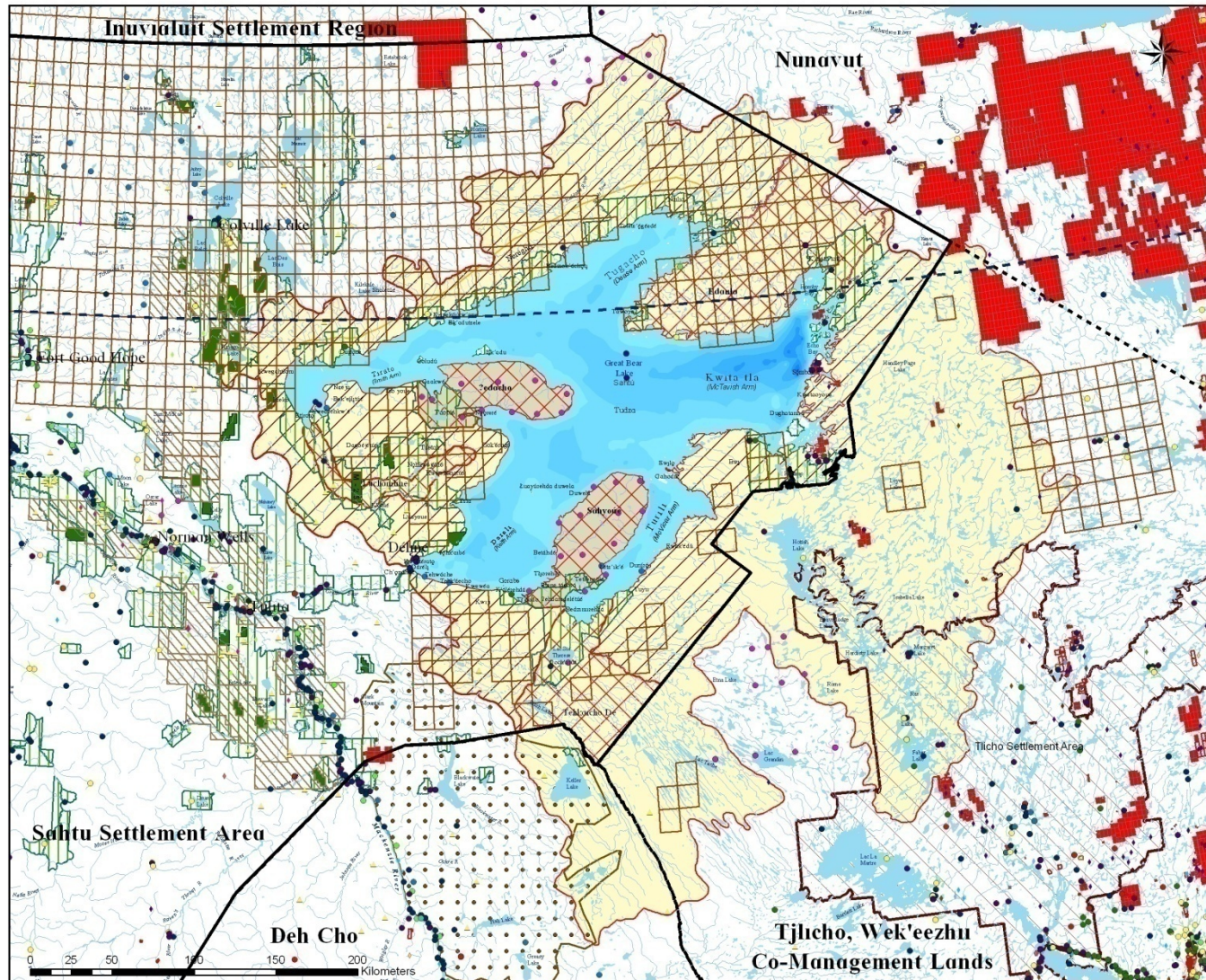
Norman Wells, NT
JOE DVD

tel:087-557-0510 fax:087-557-0525
e-mail: sallug@pcc.ie



Great Bear Lake Watershed Management Plan-Map 4

A changing landscape



Great Bear Lake Watershed Mineral Interests

Great Bear Lake Watershed Mineral Interests

DRAFT Status Land Use Plan

- Conservation Zone
- Special Use Land Withdrawn Special Management Zone
- Wildlife Site
- Great Bear Lake Watershed

MWT Protected Areas Strategy Community Initiatives

- Candidate Areas with Interest Protection
- Area Withdrawn

Well Status 2004

STATUS

- Active
- Proposed and Abandoned
- Proposed and Suspended
- Proposed
- Temperature Observation

Mineral Lease 2005

Lease Status

- Cancelled
- Lapsed
- Relinquished

Surface Dispositions

Disposition Type

- Conveyance
- Lease
- Licence
- Minerals
- Reserve
- Gift
- Transfer
- Withdrawal

Surface Land Use Permits

DESHUB DES

- Conservation Sites
- Fuel Storage Sites
- Mining (Exploration)
- Waterfront
- Oil & Gas Drilling
- Powerlines
- Quarrying
- Research Projects
- Roads (Private Condo)
- Roads (Public Condo)
- Science
- Soil Testing
- Shaping Areas
- Private Operations

PERMIT STATUS

Mineral Claim 2005

Mineral Claim Status

- Active
- Leased
- Pending

Safu Participant Lands

AGREEMENTS

- Surface Rights
- Subsurface Rights
- Protected Land Claim
- Native Boundary
- Native Circle

Great Bear Lake Watershed Management Plan

Information Legend

Base Data from 1:1,000,000 National Atlas Data and 1:250,000 NTS maps.

Land Use Information derived from Safu Data and British Columbia Land Use Agreement.

Mineral Data supplied by Mining Recorder's Office.

Disposition includes title and Northern Development.

Oil and Gas Data supplied by Indian and Northern Affairs Canada (INAC).

Protected Areas developed under the Northwest Territories Protected Areas Strategy (Environment and Natural Resources, Government of the Northwest Territories).

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web: www.safu.ca

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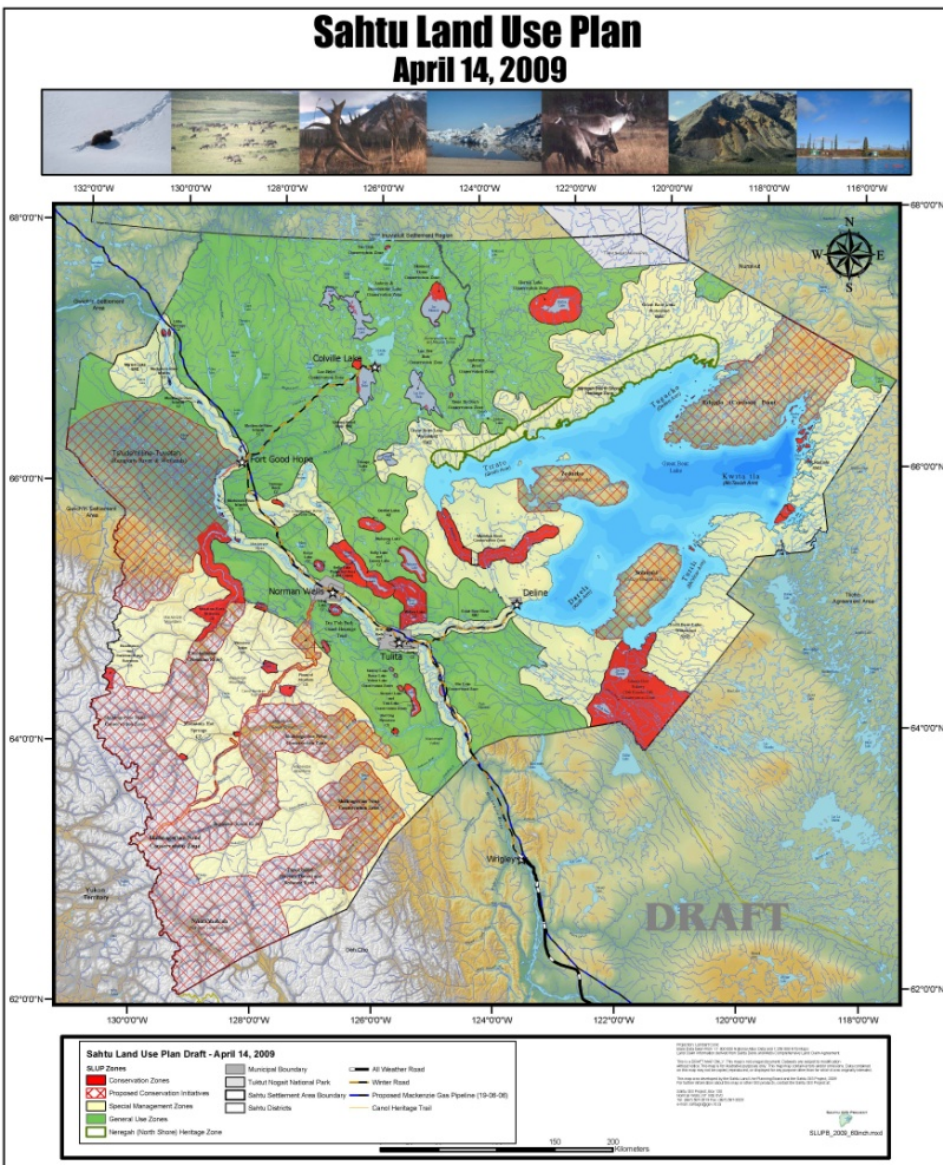
Map 5

Great Bear Lake Watershed Management Plan-Map 5

Ethnographic research

- How do Déljne community leaders and outside resource managers *perceive, negotiate, and practically apply one another's diverse understandings of natural resource management?*
- Great Bear Lake Watershed Management Plan
- Protection of Saoyú-?ehdacho Aboriginal Cultural Landscape

Great Bear Lake Watershed Management Plan



Saoyú-?ehdacho: Aboriginal cultural landscape



Inter-Cultural Narratives

- Elders' stories laid the groundwork for the way that the watershed will be managed
 - **The Waterheart**
 - Storied form to proper social relations
 - “Leakage of Meaning”
- The telling of stories and their use in directing each section of the plan provided connection between commonly misunderstood or miscommunicated worldviews
- GBLMP based on guiding Dene principles
 - Included technical Ecological and Cultural Research and Monitoring Plan

“THE WATER HEART”:

A MANAGEMENT PLAN FOR GREAT BEAR LAKE AND ITS WATERSHED

Directed by

The Great Bear Lake Working Group

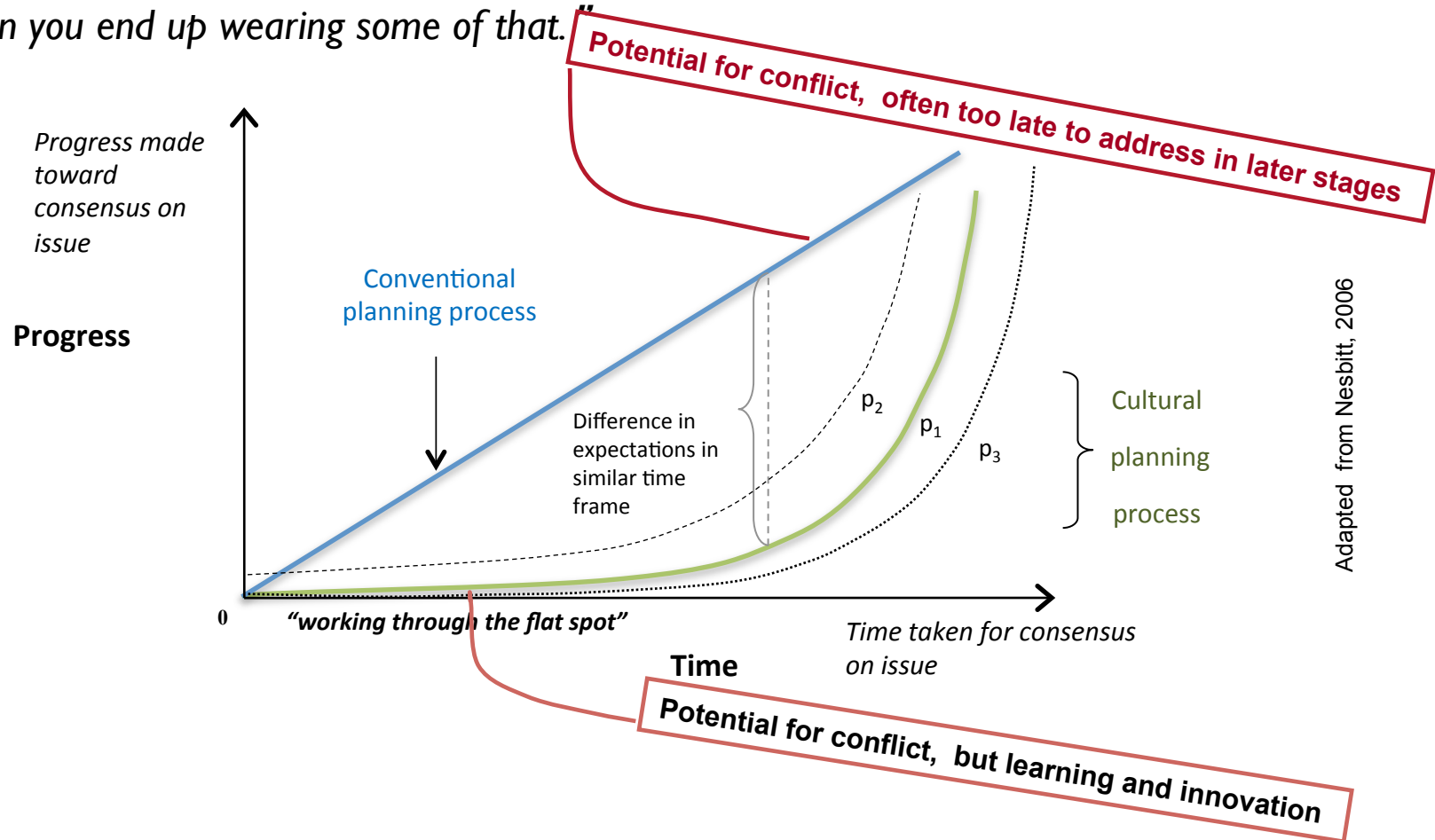
May 31, 2005

With Caveat of February 7, 2006

Cultural borrowing and multi-purpose institutions ...improvisation

- Perceived success of formally using oral traditions and Dene language
- Influence of GBLMP approach on other planning and NRM processes
- Decision by DFO to provide a community boat
 - “Déljneᑭ in my heart and mind” (DFO fisheries manager) ... (really!)
- Facilitators comfortable working in both Dene traditional knowledge and western science traditions

“you know we’re really at a community crisis level with them over this whole thing because they’ve lost when we were supposed to release these terms of reference of what we were going to do...we pissed away for a whole year here and when they see this, they’re gonna go ‘What, what did you hold this for a year for?’ ...you lose, I find the organization loses credibility, and then you end up wearing some of that.”



“Well, I think people come increasingly to understand each other and they furthermore come increasingly to influence each other so that the culture of the table is formed and they learn from each other”

Political Engagement

leakage of meaning and borrowing of ideas coincide with strategic action and power relations

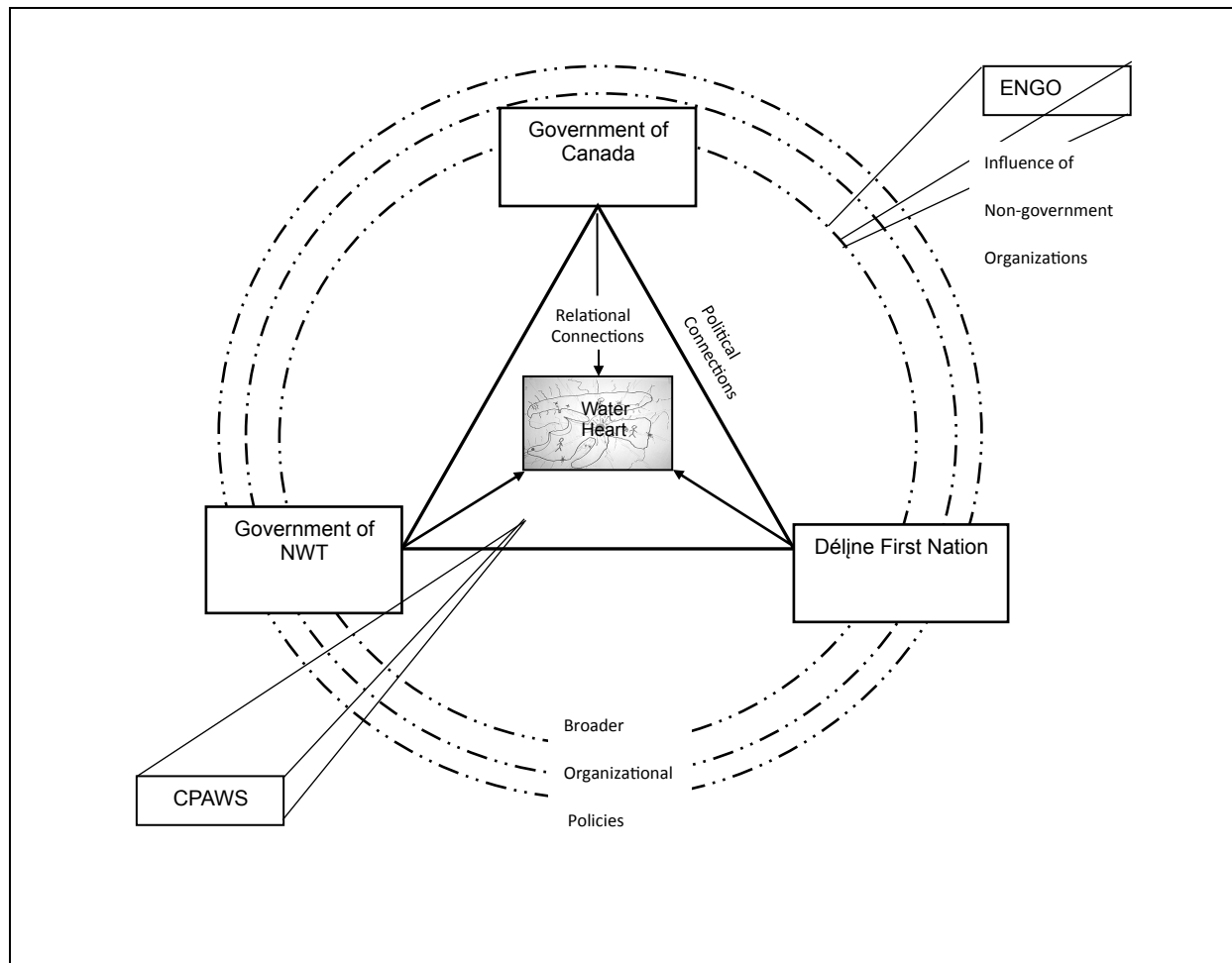
- Sahtu Land Claim Agreement – a source of power used to access other forms of power
- Symbolic capital and power of historical agreements and formal obligations
 - ‘Going to Power’

Practical Dis-engagement

- Intentional dis-engagement an equally valuable way of controlling the pace of the relationship and negotiations
 - Pulling back when unsure of process or need to wait for community leadership and elders to address internal issues
 - (from “caucasing” to visiting)
 - Government agencies - holding back of promised key documents while policy development catches up; manipulate control over the process

“weird stalling thing ...where Parks Canada just sat on their haunches and waited...”

A Socio-Cultural Perspective on Great Bear Lake Management



Conclusions

- Co-management is not a fixed process – multiple approaches / needs to be *flexible in design*
- *Stories and oral traditions* are extremely valuable to planning processes and governance strategies that try to incorporate indigenous cultures
- Seems simple: much more *time* is needed early on (and at a sustained level) to learn about one another on a more personal level
- Understanding one another is not enough when local people work with outside people – *engagement, understanding, and power* (“practical understanding”)
- GBLMP & S-E: illustrate elements of a *socio-cultural model* for C.B. planning

Sahtúot'ine, Délı̨nę First Nation Government, Délı̨nę Lands Corporation



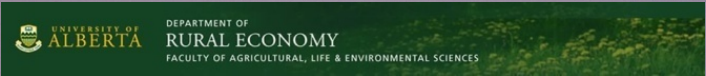
Pierre Elliot Trudeau Foundation



Social Sciences and Humanities Research Council of Canada



Department of Rural Economy



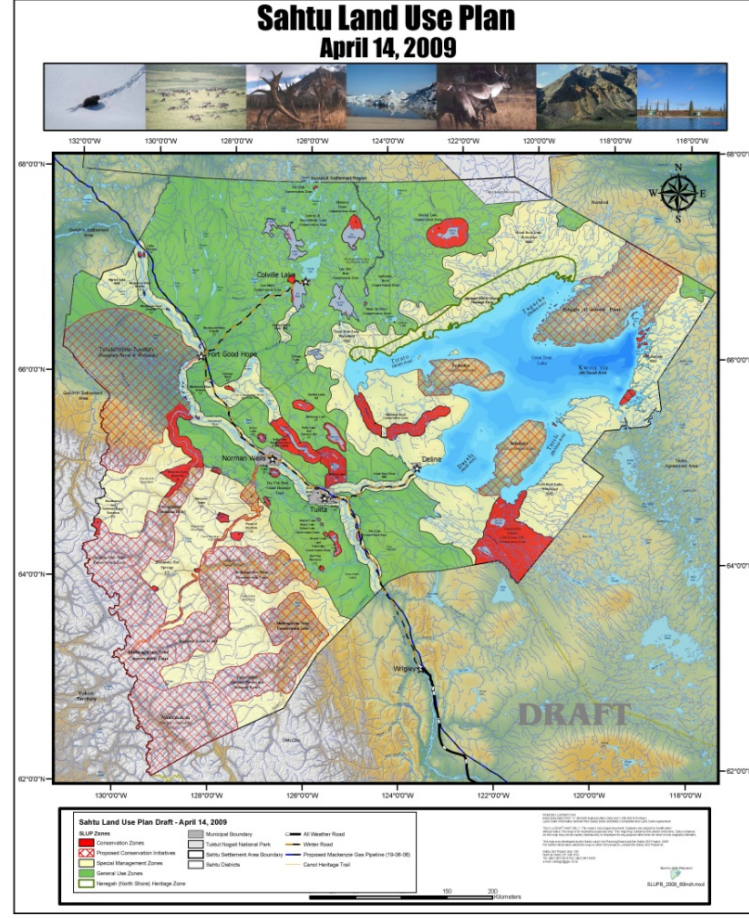
Faculty of Native Studies



Canadian Circumpolar Institute



Great Bear Lake Watershed Management Plan



1986-2001

GBL
Advisory
Committee

1993

SLCA

2000

DIAND/ DFN

2001

Issues Paper

Oct 2002

GBLWG

Oct 2003

Framework

Jan 2004

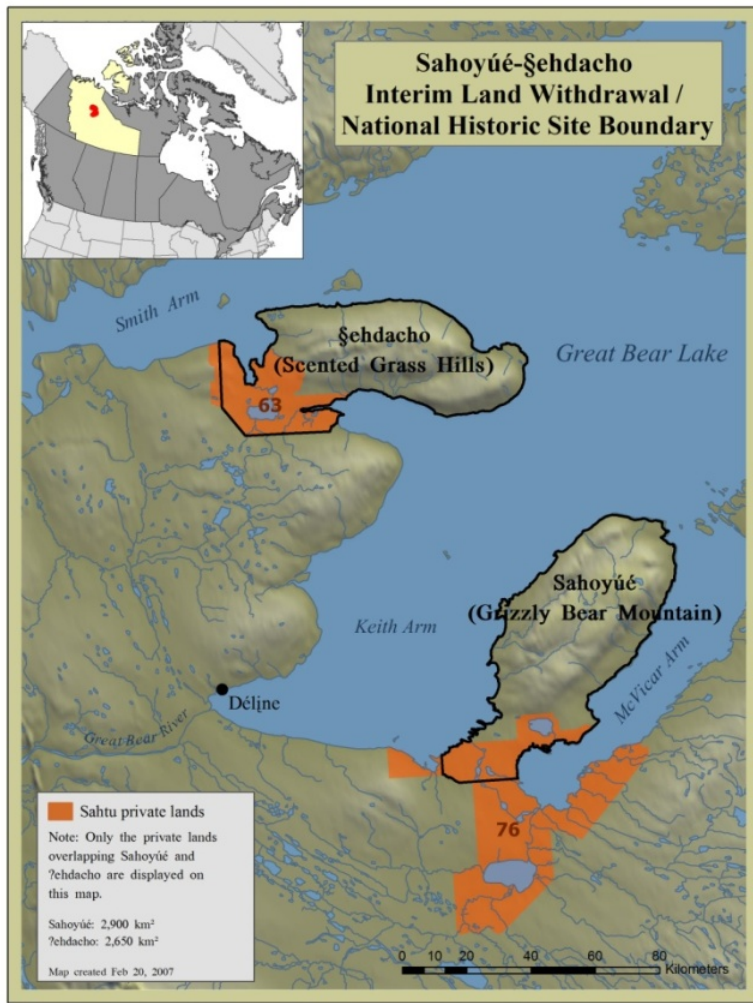
**Water Heart
story**

May 2005

GBLWMP

**Cultural &
Ecological
Integrity**

**2006-
present:**
Sahtu
Land Use
Plan



Saoyú-?ehdacho:

Cultural landscape,
Protected area,
National Historic Site

