



The Gahcho Kué Project

Environmental Impact Review Panel Site Tour

**September 21,
2007**



Gahcho Kué Project





Introductions

De Beers Canada Inc.

- ❖ Maxwell Morapeli Project Manager
- ❖ Sean Lee Sr. Safety, Health & Environment Coordinator
- ❖ Ed Huebert Manager, Environmental Affairs - NWT Projects
- ❖ Paul Cobban Sr. Environmental Assessment & Permitting Coordinator
- ❖ Heather Funnell Permitting Coordinator
- ❖ Cathie Bolstad Manager, Public & Corporate Affairs – NWT Projects

Golder Associates

- ❖ Ron Barsi Project Director
- ❖ Mark Digel Technical Director

Gartner Lee Limited

- ❖ Bob Wooley Project Manager
- ❖ Heidi Klein Socio-economic Team Leader



Schedule for the Day

7:00/7:15am	Leave Yellowknife
8:30/8:45	Arrive Site
9:00 – 9:30	Welcome, Breakfast, PPE
9:30 – 9:45	Safety Orientation
9:45 – 11:30	Project Presentation
11:30 – 12:30	Walking Tour, Helicopter Orientation
12:30 – 1:15	Lunch
1:30 – 4:45	Project Familiarization (Flight Tour)
5:00 – 5:30	Wrap Up
5:30	Departure
7:00	Arrive in Yellowknife



Site Orientation Level I



Site Orientation

TOPICS

- ◆ Site Overview
- ◆ General Rules
- ◆ Safety, Health and Environment
- ◆ Questions



Site Overview

THE CAMP AREA (INSIDE BEAR FENCE) INCLUDES:

- ◆Tents
- ◆Kitchen
- ◆Offices
 - ◆Please respect quiet hours for those working night shift.

THE WORKSITE INCLUDES:

- ◆Generators
- ◆Quonset
- ◆Incinerator
- ◆Anywhere in camp while working
 - ◆Personal Protective Equipment must be worn at all times on the worksite.



General Rules

GENERAL RULES WHILE AT GAHCHO KUÉ

- ◆ Smoking is allowed in designated areas only.
- ◆ No littering of any form (includes food wastes, cigarette butts).
- ◆ Keep food and drink in the kitchen.
- ◆ Do not hunt, fish, trap, feed or otherwise disturb any wildlife.
- ◆ Firearms, non work-related knives, or any other weapons are prohibited.
- ◆ Only authorized personnel may collect rock, mineral, ore, fossils or artifacts.
- ◆ Always stay within reasonable proximity to your guide.

Safety & Health



POLICY STATEMENT

OCCUPATIONAL SAFETY AND HEALTH

We care about our employees, the environment, and the communities in which we operate. Through the strong personal commitment of our employees we achieve safety, health and environmental excellence by targeting zero harm.

To achieve this De Beers Canada^{*} is committed to the following overall objectives for responsibility and performance throughout the organization:

- Striving for excellence in safety and health management at all of our mines, projects, offices and sites
- Integrating safety and health into all of our business processes and activities
- Providing the necessary resources (training, equipment, human and financial)
- Assessing and managing risks to all individuals on our work sites
- Meeting or exceeding applicable legal or other requirements to which De Beers Canada subscribes and applying industry best practices
- Implementing safety and health management systems, with a focus on continual improvement
- Appointing an overall manager at each work site, whose responsibilities will include safety and health

Managers and supervisors (including contractors) are accountable for:

- Ensuring the safety and health of all employees under their direction
- Providing all individuals with necessary safety and health training
- Ensuring equipment and workplaces are maintained in a safe condition
- Assessing and managing workplace hazards
- Implementing effective emergency preparedness systems

Employees and contractors are expected to:

- Implement this policy and commit to De Beers Canada's safety and health objectives
- Take accountability for their own safety and the safety of their fellow employees
- Work in a safe and healthy manner, keeping their workplace clean and orderly
- Ensure they are informed of, understand and comply with all applicable laws and De Beers Canada policies, programs and procedures
- Identify, report and help correct safety and health hazards and reduce risks
- Report immediately all incidents and accidents

* Unless otherwise stated, the term De Beers Canada means De Beers Canada Inc. and includes the Corporate, Exploration and Mining Divisions.

PS.02.04

President and Chief Executive Officer

Prepared By: G.D. Scott
Approved By: J.K. Gowans

Date Issued: December 5, 2003
Form No.: OHS Policy

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Date of Revision: November 9, 2006
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J.K. Gowans

OCCUPATIONAL HEALTH & SAFETY POLICY

- ◆ Posted throughout the site
- ◆ 3 key clauses
 - ◆ Prevent Injuries
 - ◆ Comply with Legislation
 - ◆ Continually Improve Performance



Environment



POLICY STATEMENT


ENVIRONMENTAL MANAGEMENT

We care about our employees, the environment, and the communities in which we operate. Through the strong personal commitment of our employees we achieve safety, health and environmental excellence by targeting zero harm.

Accordingly, De Beers Canada* will:

- ° Conduct all activities in compliance with applicable legislation, and other requirements, providing for the protection of the environment, employees and the public
- ° Apply appropriate good management practices in the absence of legislation or where De Beers believes more stringent criteria than those required by law are needed to advance environmental protection and to minimize environmental risks
- ° Integrate the management of environmental, social, cultural and economic issues into company business and planning
- ° Protect the environment through the wise use of resources and prevention of adverse environmental impacts, including pollution prevention
- ° Implement, maintain and improve appropriate management systems and programs to achieve environmental objectives, and to continually improve environmental performance through a process of regular review
- ° Ensure awareness among employees and contractors of this environmental policy, promote shared responsibility and accountability for environmental obligations, and provide the support and training necessary to achieve these objectives, and,
- ° Communicate openly with governments, employees, local communities and the public to sustain mutual understanding of environmental, social and economic issues

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PS.01.04	President and Chief Executive Officer  J. K. Gowans	Prepared By: D.L. Putnam Approved By: J. K. Gowans	Date Issued: May 25, 2001 Form No.: Env Policy Revision No.: 04 Date of Revision: November 9, 2006 Page 1 of 1
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ENVIRONMENTAL POLICY

- ◆ Posted throughout the site
- ◆ 3 key clauses
 - ◆ Prevent Pollution
 - ◆ Comply with legislation and other requirements
 - ◆ Land Use Permit
 - ◆ Water License
 - ◆ Agreements with communities
 - ◆ Continually Improve Performance



Safety, Health & Environment

COMMON SITE HAZARDS

◆ Always be aware that this is a remote worksite with ever-present conditions that have the potential to cause injury. Examples include:

- ◆ Electrical hazards (includes bear fence)
- ◆ Vehicle use (includes recreational and heavy equipment)
- ◆ Working at heights
- ◆ Slipping/Tripping hazards
- ◆ Slinging/Overhead work
- ◆ Working near water/on ice
- ◆ Working with machinery
- ◆ Environmental hazards (wildlife, insects, weather, allergies)



Safety, Health & Environment

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- ◆ Must be worn at all times when on the worksite.
 - ◆ Hard hat
 - ◆ Safety glasses
 - ◆ CSA certified safety boots
 - ◆ Reflective vest, or strips
 - ◆ Gloves
- ◆ Additional protective equipment may also be required.
 - ◆ Hearing protection
 - ◆ Snowmobile helmet
 - ◆ Face shields
 - ◆ Personal floatation device



Safety, Health & Environment

IN CASE OF EMERGENCY

- ◆ Emergency situation requiring evacuation:
 - Radio Channel 1 – “Code One”
 - ◆ Evacuate
- ◆ Knowing the alarms
 - ◆ One long horn – emergency, evacuate to muster point (Quonset)

Safety, Health & Environment





Safety, Health & Environment

IN THE EVENT OF ANY INJURY OR ILLNESS

- ◆ The Gahcho Kué Site has the following resources:
 - ◆ First Aid Station which is staffed by an emergency medical technician (EMT), as required by site capacity.
 - ◆ We have an on-call doctor in Yellowknife 24-hours a day.



Safety, Health & Environment

Significant Environmental Aspects

- ◆ Always be aware of the sensitive environment in which we operate.
 - ◆ Spills Management
 - ◆ Water Management
 - ◆ Waste Management
 - ◆ Noise Management
 - ◆ Land Management



Safety, Health & Environment

Safety, Health & Environmental Management System (SHEMS)

- ❖ **The Safety, Health and Environmental Management System at the Gahcho Kué Project has been developed in order to meet international standards.**
 - ISO 14001
 - OHSAS 18001
- ❖ **Significant commitment results in improved performance.**



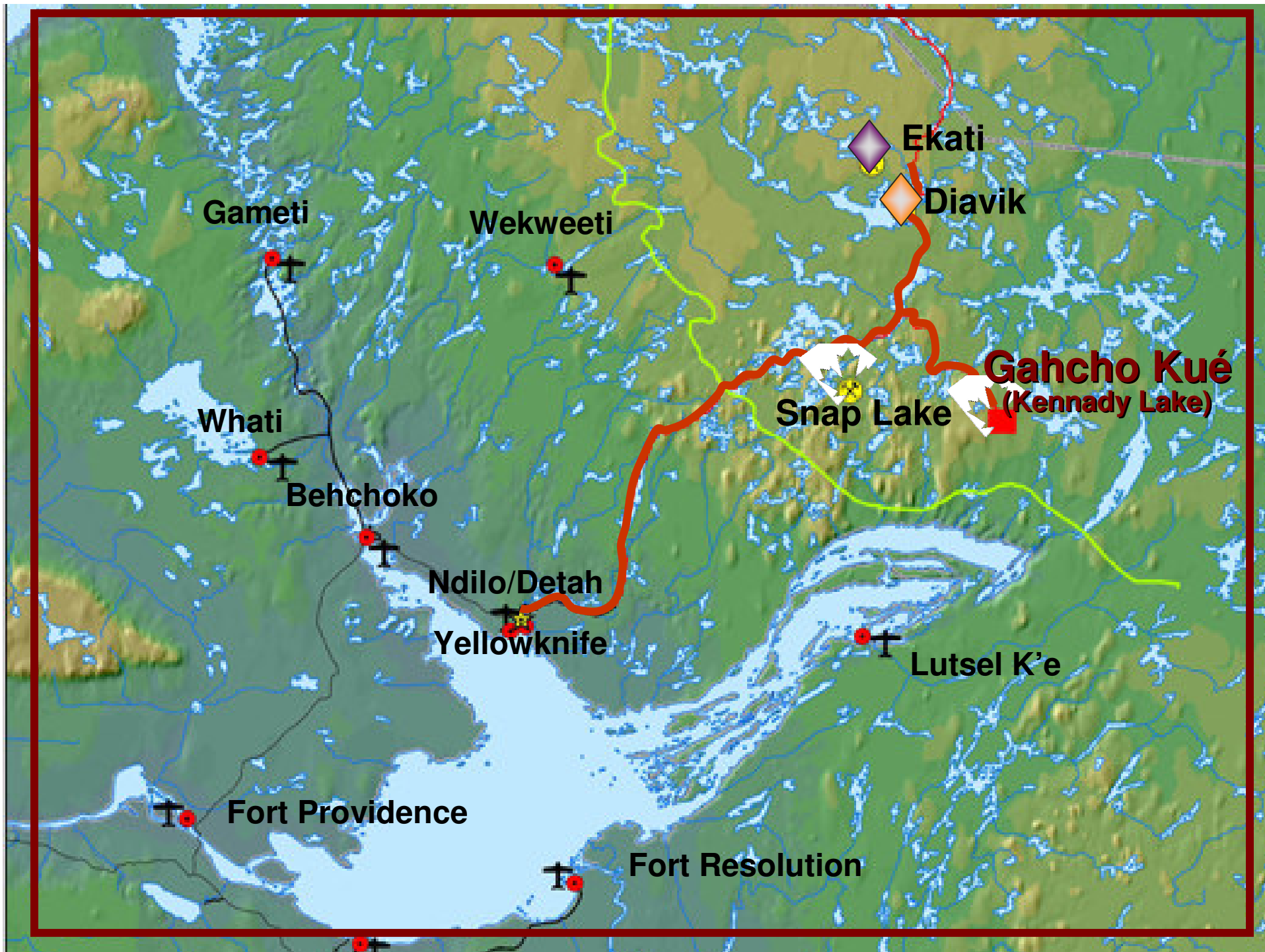
Safety, Health & Environment

REPORTING

- ◆ Report ALL accidents, incidents, hazards, non-conformances, or other concerns to your immediate supervisor.
- ◆ This includes all (including any potential for):
 - ◆ Injuries or illness
 - ◆ Property damage
 - ◆ Fires
 - ◆ Spills
 - ◆ Wildlife sightings
 - ◆ Sites or items of archaeological significance
- ◆ This ensures that we can address and remedy the situation and prevent the situation from repeating itself.



Questions?





Gahcho Kué (Kennady Lake) Project History

- ❖ 1990s 5034 pipe discovered on behalf of Mountain Province Mining Inc. and partners
- ❖ 1997 De Beers buys into JV (51%); Tuzo & Hearne pipes are discovered
- ❖ 1997-2003 Core and large diameter drilling bulk sampling
Environmental baseline studies
- ❖ 2004 Started Gahcho Kué Project environmental work
 - engineering
 - water, wildlife & fish
- ❖ 2005 De Beers applies for permits (land use and water) to develop mine
- ❖ 2006 to present Community meetings, engagement and environmental work, project design continues to be refined



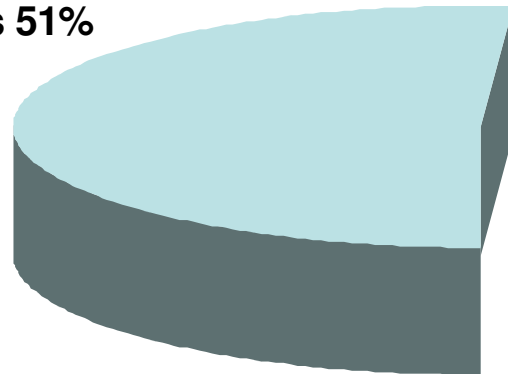
Gahcho Kué (Kennady Lake)

DVD



Gahcho Kué (Kennady Lake) Project History

De Beers 51%

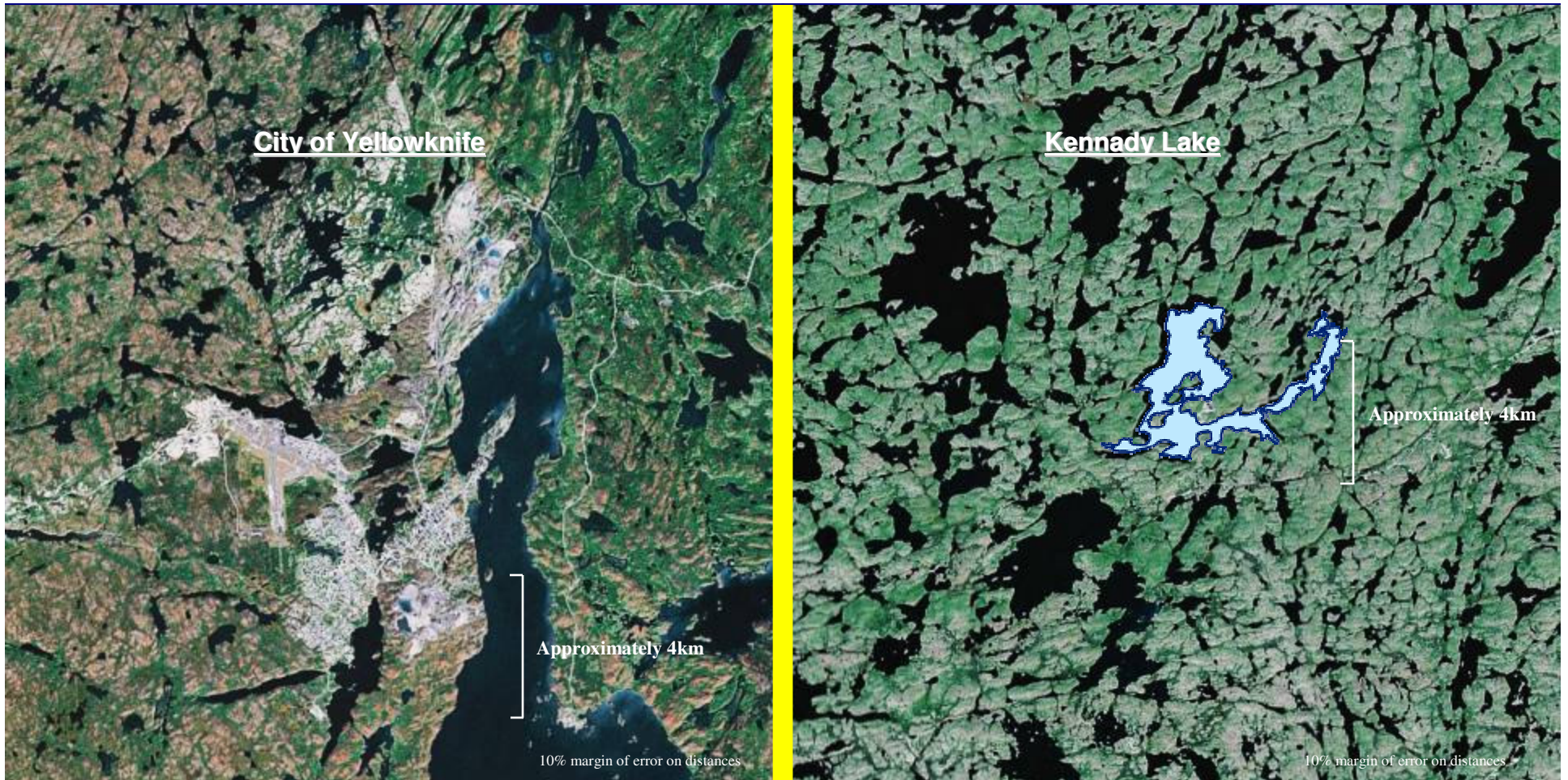


MPV 49%

Project ownership (2007)

Kennady Lake

Surface Area Comparison to Yellowknife



Location of Kimberlites

