



# What's Happening at Giant Mine?

Remediation Project

*The Government of Canada and the Government of the Northwest Territories are committed to working together on the remediation of Giant Mine, and to keeping the public informed on progress at the mine site. Our primary focus is protecting the health and safety of Northerners, and the environment. Please let us know if you have any questions or concerns about the Giant Mine Remediation Project.*

The Giant Mine site continued to be busy this past summer and fall, with work centered around regular care and maintenance activities, and risk mitigation activities. Guided tours were offered to special interest groups and technical briefings were provided to a variety of audiences. But most importantly, a Remediation Plan was developed by Indian and Northern Affairs Canada and the Government of the Northwest Territories to address the long term clean-up of the entire Giant Mine site.

The Giant Mine Remediation Plan was finalized after thorough review by an Independent Peer Review Panel of experts, and additional reviews by government experts – Environment Canada, Department of Fisheries and Oceans, and Health Canada– who deal with the Federal Contaminated Sites Action Plan.



Demolition of the Akaticho Building

The Giant Mine Remediation Plan outlines all activities required to remediate the surface of the mine site – including the demolition and removal of all buildings and facilities; and the long-term storage and containment of the 237,000 tonnes of arsenic trioxide dust underground. It is expected that the Giant Mine Remediation Plan will be submitted to the Mackenzie Valley Land and Water Board (MVLWB) in 2007 as part of a water license application under the Mackenzie Valley Resource Management Act.

While the Giant Mine Remediation Plan is under regulatory review with the MVLWB, regular care and maintenance activities will continue at the site to protect human health, public safety, and the environment.



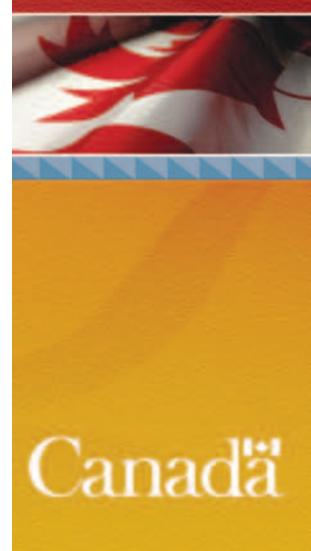
Construction of the Baker Creek diversion

**Giant Mine Remediation Project Office**

5th Floor,  
Precambrian Building  
Yellowknife, NT  
X1A 2R3

Tel. (867) 669-2426  
Fax: (867) 669-2439  
Email:  
[giantmine@ainc.inac.gc.ca](mailto:giantmine@ainc.inac.gc.ca)

**Winter 2007**





# What's Happening at Giant Mine?

## Highlights – Summer/Fall 2006

- Completion of the Giant Mine Remediation Plan
- Diversion of Baker Creek to prevent water flow into C1 pit and away from C212 arsenic storage chambers
- Removal of various pipes, surface oil lines, utilidor, and old buildings
- Removal of asbestos and demolition of Substation 5 and B Shaft compressor building
- Collection of barrels of used oil and batteries for recycling
- Packaging of hazardous chemicals from mill and assay labs for shipping and hazmat disposal
- Maintenance and upgrade of Effluent Treatment Plant
- Raising height of settling pond filter dikes to increase settling pond capacity
- Application of dust suppressant on tailing impoundments and mine roads; and
- Monitoring of air quality and groundwater conditions



The new Baker Creek bridge



Worker checking an air monitor



Worker removing asbestos from a building

## Activities Planned for 2007

The main focus will be on fulfilling requirements for the regulatory process under the Mackenzie Valley Resource Management Act.

### Highlights:

- Convening public information sessions about the Remediation Plan
- Awarding the new care & maintenance contract for Giant Mine
- Removing asbestos, and site housekeeping
- Completing underground construction of the new mine water management system
- Maintenance, seeding and evaluation of Baker Creek Reach 4 diversion
- Remedial work in B2 Pit Dam and performance monitoring
- Decommissioning of C Shaft, capping of DWC raise and capping of A shaft
- Underground work including backfilling of certain raises and stopes near arsenic storage chambers

## Giant Mine Remediation Project Office

5th Floor, Precambrian Building

Yellowknife, NT X1A 2R3

Tel.: (867) 669-2426 Fax: (867) 669-2439

Email: giantmine@ainc.inac.gc.ca

QS-Y277-000-EE-A1 Catalogue No.R12-21/2-2007E ISBN 978-0-662-45428-1

Cette publication est aussi disponible en français sous le titre : Que se passe-t-il à la mine Giant?



## “Moving Forward Together”

We look forward to answering any questions you might have about the remediation of Giant Mine.



Indian and Northern Affairs Canada

Affaires indiennes et du Nord Canada