

What's Happening at Giant Mine?



Photo: Liz Gilbert, DIAND

The Government of Canada and the Government of the Northwest Territories are working together to finalize a Remediation Plan that addresses the cleanup of the entire site, including management of the underground arsenic trioxide as well as cleanup of all buildings and other surface facilities. The plan has been finalized and will be submitted to the appropriate regulatory agency after receiving final approval from the federal and territorial governments. The regulatory process could take several years to complete.

During this interim period, care and maintenance activities will continue at Giant Mine to protect human health, public safety and the environment.

Giant Mine Remediation Project

P.O. Box 1500
Yellowknife, NT X1A 2R3
(867) 669-2426

Moving Forward Together

Summer/Fall 2005 Activities

Effective July 1, 2005, Deton'Cho Nuna Joint Venture began their contract for interim care and maintenance activities at the site. They ensure that the site remains in compliance with relevant environmental regulations, providing site security, managing facilities, treating effluent and managing water.

Specific care and maintenance work completed in 2005 to achieve these goals included:

- Dismantling and recycling of 30 fuel storage tanks
- Removal of remaining fuel and sludges from the tanks for recycling in Edmonton
- Reconfiguration of the utilidor at the "C" shaft and shut down of the "A" boiler at the Giant Mine town site
- Construction of new power substation
- Removal of "A" shaft boiler house
- Partial excavation of a new channel for Baker Creek to mitigate risk of flooding the mine
- Development of a detailed operation, maintenance and surveillance program for tailings dams
- Rehabilitation of landfill at Northwest pond

www.giant.gc.ca
Spring 2006



Indian and Northern
Affairs Canada



Environment and Natural Resources

Canada

Demolition of "A" Shaft Fuel Storage Tanks – Fall 2005



Fuel storage tanks before demolition.



Taking down the tanks.



After completion.

Photos: Giant Mine Remediation Office, DIAND

Summer/Fall 2005 Activities (continued)

- Preparation for the decommissioning of the head frame
- Continued regular inspections of arsenic storage chamber bulkheads and other components of the mine
- Reengineering of the water supply and heating system for the site
- Evaluation of backfilling methods for stopes (mined out cavities underground) located in close proximity to the arsenic chambers and stopes

Activities Planned for 2006

During the summer of 2006, work will continue on the realignment of Baker Creek.

There will also be additional site investigations, assessments and surface remediation activities taking place at Giant Mine. This will include several engineering and scientific studies to assess long-term water management, tailings cover designs, sediment quality in Baker Creek, air quality and hydrogeological conditions.

As well, the old power substation will be dismantled and removed from site, and an open stope underneath the B208 arsenic chamber will be backfilled to provide stability to the bulkheads.

Ongoing consultation and information activities will continue in N'dilo, Dettah and Yellowknife on the progress of activities at Giant Mine.

For more information, please contact:

Giant Mine Remediation Project

Phone: (867) 669-2426

www.giant.gc.ca