

# ABANDONED MINES



*Photos from left to right: historical shovel and drill still at site; mill site as it looks today and; tailings over Wolverine Creek*

## Clinton Creek Mine

### TIMELINE

**1967**

Cassiar Asbestos Corporation Limited (Cassiar) commences mining operations.

**1974**

Clinton waste rock pile slides blocking Clinton Creek and creates Hudgeon Lake. Tailings deposit slides down the valley into Wolverine Creek and restricts the water flow.

**1978**

Cassiar ceases mining operations and removes main sections of the concentrator, most mining equipment, and primary structures of the townsite. Townsite and mill buildings are auctioned off. A rock channel and weirs are constructed to redirect the flow of Wolverine Creek over the tailings deposit.

**1981**

Cassiar installs culverts and a gravel shield to protect against erosion at the Hudgeon Lake outlet and constructs rock weirs and reinforces the channel in Clinton Creek.

**1982**

Clinton Creek breaks through the reinforced channel and undercuts the north valley wall.

**1984**

Clinton Creek channel reinforcement was reconstructed.

**1985**

North point of the tailings deposit restricts Wolverine Creek.

**1987**

Cassiar submits abandonment plan which is not accepted as adequate by the government.

**1988 - 1989**

Equipment and structures are removed from site. Warning signs are put up and some clean-up is carried out.

**1991**

Cassiar is bought by Princeton Mining Corporation. Further remedial work is completed.

**1992**

Government of Canada (Canada) recommends the financial security be returned to Princeton Mining Corporation.

**1997**

Significant flood event destroys channel reinforcement and weir structures in Clinton Creek.

#### CONTACT INFORMATION

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*Photos from left to right: preparation for gabion baskets; gabion structure during spring run off and; gabion basket structures now in place*

**1998**

Canada begins investigating into the environmental liabilities at the site.

**2002**

Canada begins work to stabilize the channel under the emergency section of the *Waters Act*. As previous stabilization is not successful, Canada implements an initial phase of a channel stabilization program with the installation of gabion structures.

**2003**

Government of Yukon (Yukon) takes over management of site under devolution and Canada retains financial responsibility. As part of the Phase II creek stabilization plan, additional gabion structures are installed to reduce the erosion of the waste rock pile. Site monitoring continues.

**2004**

Yukon begins to remove physical hazards on site. Gabion construction for channel stabilization is completed.

**2005 - 2007**

Yukon removes physical hazards on site, continues to manage overall maintenance and minor repairs are made to the gabion basket structures.

**2008**

Ongoing monitoring of further waste rock movement and the channel stabilization work is managed by Yukon.

**2009-2010**

Environmental site monitoring continues and major repairs to the gabion baskets are made due to damage from extreme water flows. Scientific and technical studies are conducted in preparation for a long-term management plan.