# CASE STUDY: Free Product Recovery in Soil. Closed Open Pit Gold Mine

## Yellowknife, NWT

### **BACKGROUND:**

Privately owned and closed in 1997, currently owned by the Government of Canada. As an abandoned operation, the Government promoted a major cleanup to the site including hydrocarbon soil contamination. SCG was approached by a large Engineering firm to conduct this project.

#### **PROJECT SCOPE:**

Soil hydrocarbon remediation (restoration of Steeve's Lake shoreline, free product recovery and soil treatment) during 2012-2013:

- Groundwater monitoring,
- · Product recovering with an EFR unit,
- Initial gauging of wells with suspected higher levels of free product.

#### **EXTRACTION RESULTS:**

- In 2012 approximately 10.7 litres of free product was recovered from 7 wells.
- In 2013 approximately 46 litres of free product was recovered from 22 wells.

#### **SUBMITTALS:**

SCG provided reports including recorded data collected from the site describing extraction efforts, with overall and cumulative volumes recovered.

**NOTE:** The goal is to restart gold mining operations in the future, assuming positive economics and the receipt of operating permits from the potential new owner.



SCG

A Subsidiary



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