

ISO 9001

**CLIENT:**

Falconbridge Limited

**LOCATION:**

Sudbury, Ontario

**START:**

January 1988

**COMPLETION:**

November 1988



*Column Flotation*

**PROJECT DESCRIPTION:**

Column flotation installation to reduce the nickel content of the final copper concentrate at the Strathcona Mill.

**SCOPE OF SERVICES:**

Review of metallurgical test results, column scale-up and detailed engineering for two 2.1-metre diameter flotation columns in a cleaning application.

**PROJECT HIGHLIGHTS:**

- First fully commercial column cell installation for Falconbridge.
- Integral part of long-term plant modernization.
- Fully automated column to optimize metallurgical performance.
- Closed circuit system in conjunction with conventional flotation cells, leading to capital cost savings.
- Higher value concentrate with resulting increase in revenue.