

# CASE STUDY – MINING

## Cleveland Cliffs – Wabush Mine

**Our Client, Cleveland Cliffs**, is a joint owner and operator of the Wabush Mines which includes the Scully Iron Ore Mine near Wabush, Newfoundland, Labrador. The Wabush Mines employee 990 people.

### Background and Situation:

- 2007 production 4.6 million tons representing 13% of Cliffs’ NA iron ore production
- Maintenance Cost per Ton at a 75% premium over other Cliffs’ NA iron ore facilities (2007 data)
- Maintenance Cost as a % of Operating Costs was 22% higher than at the other NA iron ore facilities (2007 data)

### Objectives:

- Support and assist Cleveland-Cliffs in implementing a planning and scheduling effort at their Scully/Wabush facility
- Standardize a “One-Cliffs” maintenance process in planning & scheduling
- Standardize planning, scheduling, reporting, & metrics
- Obtain better application of the CMMS (Ellipse) as a maintenance tool
- Reinforce a culture that believes this is “the right way to do maintenance”

### Results:

