

# Human Health and Ecological Risk Assessments for Sudbury

Phase 1: Soil Sampling and Analysis Completed in 2001

Phase 2: Sudbury and Area Risk Assessment Currently underway



## Human Health Risk Assessment (HHRA)

Estimating the potential for impacts to human health as a result of metals in Sudbury soils, including the following studies:

- Fish tissue sampling
- Falconbridge arsenic exposure study
- Vegetable garden sampling
- Food consumption survey
- Livestock survey
- Air monitoring program
- Indoor dust sampling
- Drinking water survey



## Ecological Risk Assessment (ERA)

Estimating the potential for impacts on plants, animals and fish as a result of metals in Sudbury soils, including the following studies:

- Fish tissue sampling
- Wildlife dietary items survey
- 2004 ERA field program
  - Site characterization
  - Ecological characterization
  - Soil toxicity testing