

Baseline Environmental Field Study for the Mary River Project
Project Description
April 20, 2005

Baffinland Iron Mines Corporation, is currently conducting an advanced exploration program at the Mary River Project, located approximately 160 kilometres south of Pond Inlet (Figure 1). Current exploration activities in the area commenced in 2004 and are on-going seasonally (from April to September). Baseline environmental data collection will commence in the spring of 2005, and will continue until 2007, to provide good information to contribute to the development of an Environmental Impact Assessment for the project area.

There will be three field visits this season between May and October. We expect to continue the baseline studies for three years until October 2007. Areas of study are the anticipated mine site location, Nuluujaak Mtn. and the potential transportation corridors (northeast to Milne Inlet (1 option) or southerly to Steensby Inlet (2 options)).

Activities that will take place to conduct baseline monitoring are:

- set up a meteorological station for monitoring temperature, rainfall, wind direction and speed
- establish water quality and flow sampling locations (ground water and surface water)
- fly two potential transportation corridors (the abandoned road from Nuluujaak Mtn to Milne Inlet) and a second potential route south to Steensby Inlet.
- sound monitoring
- wildlife survey (observations only)
- benthic and fish sampling
- soil and sediment sampling
- marine survey (observations only)
- archaeology (observations only)

Results from each visit will be compiled and annual summary reports will be provided to the Nunavut Research Institute (NRI) and the Nunavut Impact Review Board (NIRB).

All personnel will comply with the Scientists Act.

Three applications are currently being submitted for licences to conduct this program. These licences are: Scientific Research License from NRI; Part 1 Form Project Proposal Information Requirements from NIRB; and a Scientific Fish Sampling License from Fisheries and Oceans Canada.

An amended application for a Scientific Research License will be submitted if there are significant changes to the baseline study program. NRI and NIRB will be notified at least one month prior to each field visit.