

2014 Back River Project Baseline Program Annual Summary

This summary is intended to meet the requirements of Rescan's Research Licence No. 04 012 14N-M for the Back River Project area.

The Back River Project area is located in the West Kitikmeot region of Nunavut, approximately 50 km south of Bathurst Inlet. Sabina Gold & Silver Corp. has been conducting exploration activities for gold deposits out of both the Goose Camp and the George Camp.

Environmental baseline sampling continued in 2014. Baseline studies conducted in 2014 focused on areas in the immediate vicinity of potential development of the Back River Project (Goose Camp and George Camp, the southern tip of Bathurst Inlet), and potential winter road alignments connecting project infrastructure.

2014 baseline sampling included the following:

- collection of meteorological data from the Goose and George camp areas, and at Bathurst Inlet;
- collection of surface hydrology data at streams around the Goose camp area and George camp area, using automated hydrometric stations to measure current velocity and discharge;
- collected bathymetric information from 7 lakes and 2 ponds along the winter road alignment, at the southern tip of Bathurst Inlet, and around the George camp area;
- collection of deep groundwater water quality samples from a deep well that was installed in 2013 near the Goose Camp;
- collected freshwater water quality samples from two ponds near the southern tip of Bathurst Inlet;
- conducted stream and lake fish habitat and community surveys near the southern tip of Bathurst Inlet and in the Goose Camp area, and conducted potential fish habitat assessments in the Goose Camp area;
- remote-camera surveys of caribou; and
- surveys for archaeological artifacts and sites in the Goose Camp area.

Baseline data collection may continue in 2015 depending on how engineering studies progress and Sabina's plans for permitting and potential development.