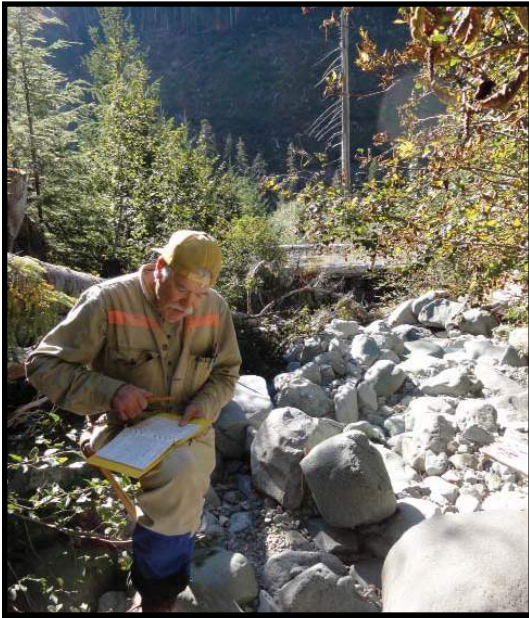


## NORTHERN VANCOUVER ISLAND EXPLORATION GEOSCIENCE PROJECT

In July 2012, Geoscience BC, together with the Island Coastal Economic Trust (ICET), committed to spend up to \$930,000 on the Northern Vancouver Island (NVI) Exploration Geoscience Project.

The project area includes the communities of Port Hardy, Port McNeill, Alert Bay, Port Alice, Sayward, Zeballos and Campbell River. The goal of the project is to attract mineral exploration interest and investment to Northern Vancouver Island through a better understanding of the area's geology and mineral potential. The project is also working with partners to deliver information on geoscience, mineral exploration and mining to local First Nations and communities through interactive workshops and information sessions.



Stream Sediment Sampling, North Vancouver Island.

*Photo courtesy of Wayne Jackaman*

To achieve the goals of attracting investment and creating new employment opportunities on the island, the project is generating new geoscience data for the area, including an airborne magnetic geophysical survey and a regional stream sediment geochemical sampling and reanalysis program.

The airborne survey was flown in the summer of 2012, and the data were released in January 2013 at the Mineral Exploration Roundup conference in Vancouver. The data reveal magnetic variations in the earth's surface and help geologists better understand the geology of the area. The results also help the mineral exploration industry identify targets for further investigation.

The regional geochemical program consists of two parts: 1) the reanalysis of over 400 till samples collected by the BC Geological Survey in the early to mid-1990s, and; 2) collection of over 700 new stream sediment and moss mat samples in fall 2012.

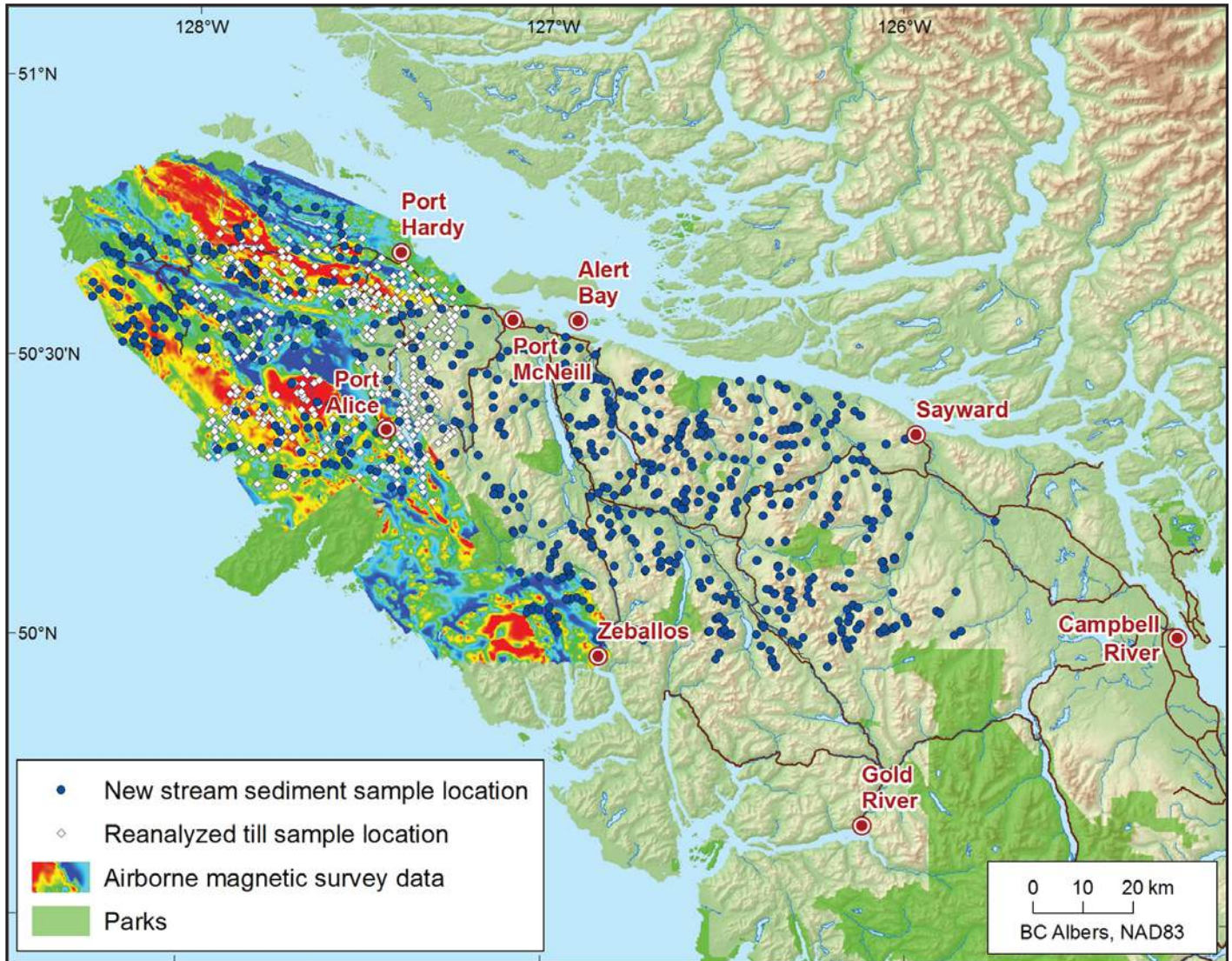
The new geochemical samples were collected in locations designed to increase the density of the original government sampling done in 1988. Geoscience BC also previously supported an initiative in 2010 to reanalyze these older samples. The new Geoscience BC 2013 data will effectively double the area's publicly available regional geochemical dataset.

The results of both the geophysical and the geochemical surveys will contribute to a better understanding of the North Vancouver Island's mineral potential and should attract the exploration industry's attention to the area and help target areas of higher mineral potential.



"Mining - What's It All About?" Short Course, Campbell River, BC.

*Photo courtesy of George Delgatty*



*The Northern Vancouver Island Exploration Geoscience Project: 2012 airborne magnetic survey data plus new regional and reanalyzed geochemical sample locations (moss-mat and stream sediment samples).*

Geoscience BC and ICET would like to recognize and sincerely thank the partners and supporters of the Northern Vancouver Island Exploration Geoscience Project, including the Nanwakolas Council, Rivercorp Economic Development Corporation of Campbell River, the Regional Districts of Mount Waddington and Strathcona, the mayors and councils of Northern Vancouver Island communities, the Vancouver Island Exploration Group and the British Columbia Institute of Technology. The project has also received generous support from the Ministry of Jobs, Tourism and Skills Training through the Campbell River Regional Economic Initiative.

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