



EARTH SCIENCE FOR EVERYONE



WHO WE ARE

Geoscience BC is a non-profit organization established in 2005 with a \$25 million investment from the Province of British Columbia.

WHAT WE DO

Geoscience BC generates earth science information in partnership with First Nations, the resource sector, governments and communities. We deliver this information to the public to encourage investment and enable informed land use decisions for the benefit of all British Columbians.

WORKING WITH PARTNERS



Geoscience BC is celebrating its 10th anniversary in 2015. Our mission is to continue to be a trusted partner that provides earth science to encourage investment in BC's mineral and energy resource sectors to benefit all British Columbians. As an organization independent from government and industry, we have the unique ability to generate unbiased earth science that can enable everyone to make informed decisions about resource development. We rely on your support to continue our successful delivery of projects, and look forward to meeting you.

Robin Archdekin
President and CEO

Geoscience BC owes its success in large part to the contribution of nearly 50 First Nation, industry, academic, community, and government volunteers. These volunteers comprise our Board and Technical Advisory Committees, and assess and prioritize the most important areas in B.C. for our programs. Their guidance, paired with outreach and engagement efforts of Geoscience BC staff, has helped build Geoscience BC's reputation for independent, innovative and effective approaches to generating and delivering relevant earth science information.

To date, Geoscience BC has received \$51.7 million in funding from the Province of British Columbia, and has leveraged this funding to attract an additional \$22 million from other sources to conduct our programs.

In the Horn River Basin, Geoscience BC has been conducting surface water monitoring studies since 2011. We are measuring surface water quality and quantity to establish a baseline of water resources in this region. This project has provided water monitor training and employment to members of local Acho Dene Koe and Fort Nelson First Nations.



WORKING WITH FIRST NATIONS

During the consultation stage for Geoscience BC's TREK project, the Nazko First Nation expressed a strong interest in learning about potential geothermal opportunities in the area. Based on this interest, for the first time in the organization's history, Geoscience BC undertook research to assess geothermal potential. In 2014, Geoscience BC held a 2-day workshop and field trip in the community to share information about the mineral exploration and mining industry and the results and methods of the 2013 TREK project studies.

"We believe that the TREK data will bring economic benefits and reveal the potential for renewable energy, which will enhance our social and environmental conditions."

Stuart Alec
Nazko First Nation Councillor



Water is our most vital resource and is also needed in large amounts to develop B.C.'s vast natural gas resource. Using our data, the energy sector has invested more than \$100 million in pioneering infrastructure in northeast B.C. to use non-potable water to significantly reduce the use of surface water. Geoscience BC has also conducted baseline surface and groundwater studies to foster and support comprehensive water stewardship.



OIL AND GAS PROJECTS



"Geoscience BC has been a key partner in helping obtain the necessary data needed for prudent water management, thereby enabling responsible development of BC's natural gas resource."

Rob Spitzer
Apache Canada



"The work that Geoscience BC is doing around the community of Vanderhoof is extremely important in our quest to become a vibrant place to call home."

Gerry Thiessen
Mayor of Vanderhoof

MINERALS PROJECTS

Geoscience BC's projects attract mineral exploration investment that helps to create jobs and promote economically diverse and sustainable communities. Results from Geoscience BC's QUEST-West project played a key role in extending the life of the Huckleberry mine for eight years beyond the original closure date and was estimated to generate 224 family-supporting jobs.

The newest multiyear minerals project is called TREK, short for Targeting Resources through Exploration and Knowledge. TREK began in 2013 and has already helped to focus mineral exploration in B.C.'s underexplored Interior Plateau region.





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OUTREACH

Geoscience BC has awarded 66 graduate student scholarships of \$5,000 each since 2007, representing a total investment of \$330,000 in our future geoscientists.

Geoscience BC also supports and organizes workshops focusing on our public geoscience datasets and projects, as well as other geoscience activities in British Columbia. We also sponsor local mineral exploration conference activities.

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