



from the
GROUND
UP

Fostering BC's
Resource Potential
with Geoscience





WHY GEOSCIENCE?

Q: What is Geoscience?

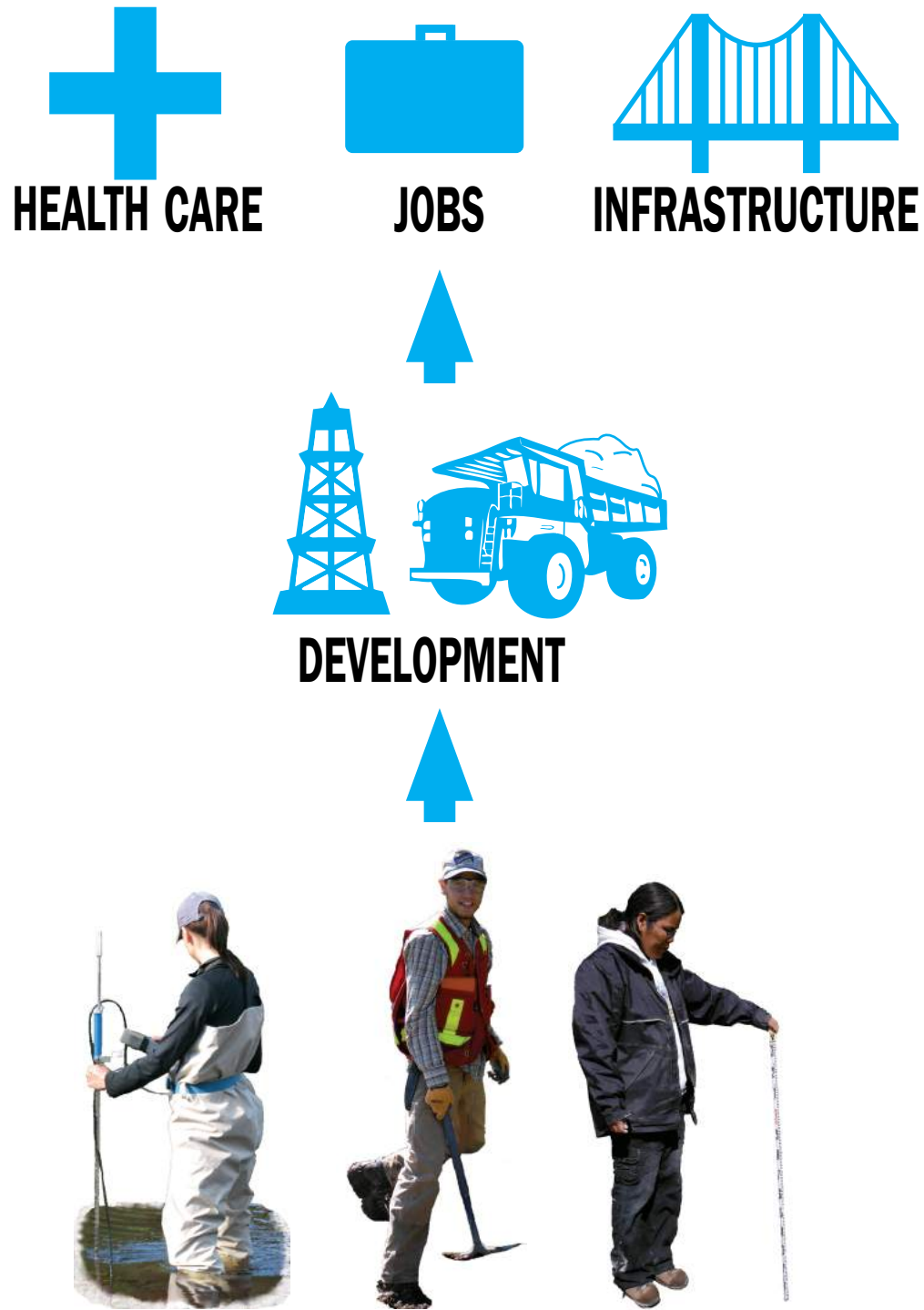
A: Geoscience is the study of the earth and its natural mineral and energy resources.

Create Jobs

Geoscience has direct relevance to the needs of society. Strong mineral and energy sectors support the creation of high-paying jobs and the development of local business. From the ground up, Geoscience BC's projects stimulate economic activity, create training and employment opportunities for First Nations and communities and promote a healthy resource sector for a solid economic foundation.

Stay Informed

Geoscience BC (GBC) collects and distributes unbiased science to the public—we research what lies under the surface of BC's rich and rugged terrain so that companies and the public know what's there. British Columbians want reliable, impartial information to inform decision-making. The independent and trusted information generated by Geoscience BC's mineral and oil & gas projects gives First Nations, communities and industry the opportunity to be well-informed about these resources and their development potential, and enables everyone to make informed decisions. Up-to-date geoscience databases also make investing in our province more effective and more rewarding.



Attract Investment & Improve BC

Transportation, infrastructure, jobs and communities all reap the benefits when our mineral and energy sectors are at their strongest. Keeping this economic engine going hinges upon continued investment in exploration and responsible resource development, which leads to the discovery and development of new mineral and oil & gas resources. By generating the data that encourages and attracts investment, Geoscience BC helps to keep the province competitive.



Foster Confidence

Science is the key to confidence in communities and in industry. Knowing more helps to facilitate responsible exploration and responsible development because it helps to reduce risk, improve efficiency and promote decision-making. Geoscience BC has the capacity to develop regional-scale information that individuals and individual companies don't have the resources to undertake on their own. In the natural gas sector, Geoscience BC's project information is used to formulate and implement public policies for resource development, environmental protection, public health and safety, land use and infrastructure planning plus it enables responsible and safe water management.

About Us

Geoscience BC (GBC) is a not-for-profit society that works to stimulate mineral and oil & gas exploration and investment to ultimately support the creation of high-paying jobs, development of local business and improvement of infrastructure. GBC delivers new geoscience research and methods that can be used to improve exploration success, support development and maintain this province as a globally attractive destination for exploration, mining and oil & gas companies. GBC works in partnership with First Nations, communities, industry, academia and government to support a strong and vibrant economic future for British Columbians.

Minerals Projects

Geoscience BC has collected new geoscience information over 520,000 km² of the province to encourage mineral exploration and improve exploration success, leading to discoveries.

◆ **TREK**

- Targeting Resources through Exploration and Knowledge
- New multi-year project started in 2013
- Geoscience surveys over the northern Interior Plateau region

◆ **NORTHERN VANCOUVER ISLAND**

- Partnership with Island Coastal Economic Trust
- Geoscience surveys, workshops
- Nearly 24,000 hectares staked since release of GBC data in January 2013

◆ **QUEST – WEST, SOUTH & NORTHWEST**

- Four multi-year projects beginning with QUEST in 2007
- Funding support from the Northern Development Initiative Trust
- Geoscience surveys, workshops

Oil & Gas Projects

Geoscience BC has conducted water research in every major shale gas play in support of responsible development and effective resource management.

◆ **HORN RIVER BASIN**

- Horn River Basin Water Project started in 2008
- Included deep aquifer study
- Ongoing 3-year surface and groundwater study
- Workshops, water management training

◆ **LIARD BASIN**

- New deep aquifer study
- Proposed future surface and groundwater studies

◆ **MONTNEY FAIRWAY**

- Broad inventory of surface water, groundwater and deep aquifer studies
- Proposed future water disposal zone studies
- Development of the NorthEast Water Tool (NEWT)

“As First Nations are building sustainable and diverse economies, it is vital to be working from the most accurate and up-to-date information possible. The work of Geoscience BC is integral to ensuring that we are all starting from the same place so as to have the highest opportunity to develop successful projects that benefit all British Columbians.”

— Dallas W. Smith, President, Nanwakolas Council



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