

Modern Sediments in Lowlands

At least 15 million years ago, the Pacific Ocean was a vast, shallow sea that covered most of the western United States. Over time, the sea retreated, and the land was uplifted. This process is still ongoing. The land is still rising, and the sea is still retreating. The land is still rising, and the sea is still retreating.

Landfill

The landfills are located in the lowlands. They are used for the disposal of waste. The landfills are located in the lowlands. They are used for the disposal of waste.

Peat

Peat is formed from the remains of plants that have died and been buried. It is a type of sediment. Peat is formed from the remains of plants that have died and been buried.

Silt and clay

Silt and clay are fine-grained sediments. They are formed from the weathering of rocks. Silt and clay are fine-grained sediments. They are formed from the weathering of rocks.

Sand and silt

Sand and silt are coarse-grained sediments. They are formed from the weathering of rocks. Sand and silt are coarse-grained sediments. They are formed from the weathering of rocks.

Gravel and sand

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Silt and clay

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Sand

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Gravel and sand

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Till

Till is a type of sediment. It is formed from the weathering of rocks. Till is a type of sediment. It is formed from the weathering of rocks.

Steepland sediments

Steepland sediments are coarse-grained sediments. They are formed from the weathering of rocks. Steepland sediments are coarse-grained sediments. They are formed from the weathering of rocks.

Sandstone

Sandstone is a type of sediment. It is formed from the weathering of rocks. Sandstone is a type of sediment. It is formed from the weathering of rocks.

Granitic rock

Granitic rock is a type of igneous rock. It is formed from the cooling of magma. Granitic rock is a type of igneous rock. It is formed from the cooling of magma.

Foliated sedimentary and volcanic rock

Foliated sedimentary and volcanic rocks are types of rocks. They are formed from the weathering of rocks. Foliated sedimentary and volcanic rocks are types of rocks. They are formed from the weathering of rocks.

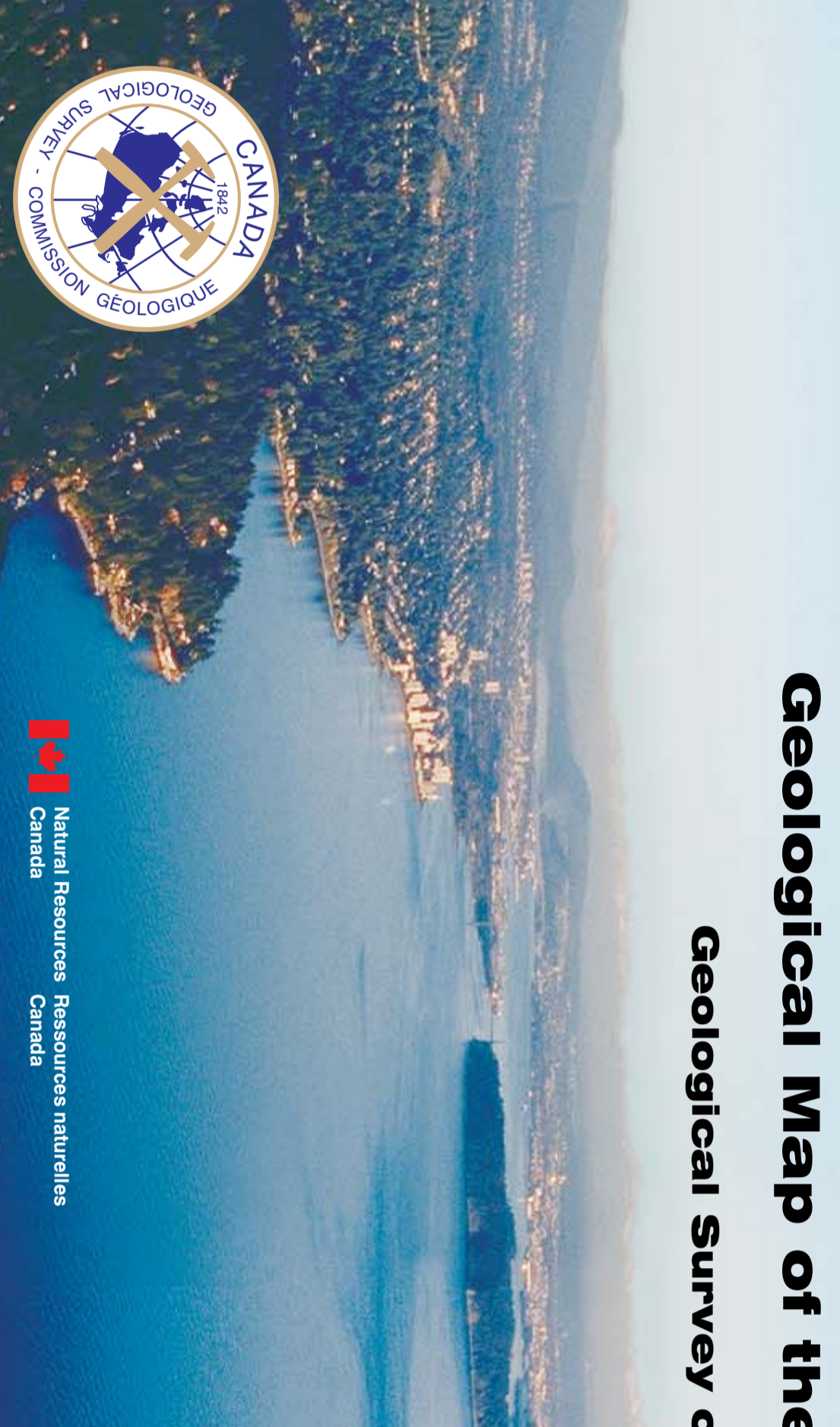
Bedrock in Mountains

Bedrock in mountains is a type of rock. It is formed from the weathering of rocks. Bedrock in mountains is a type of rock. It is formed from the weathering of rocks.

GeolMap Vancouver

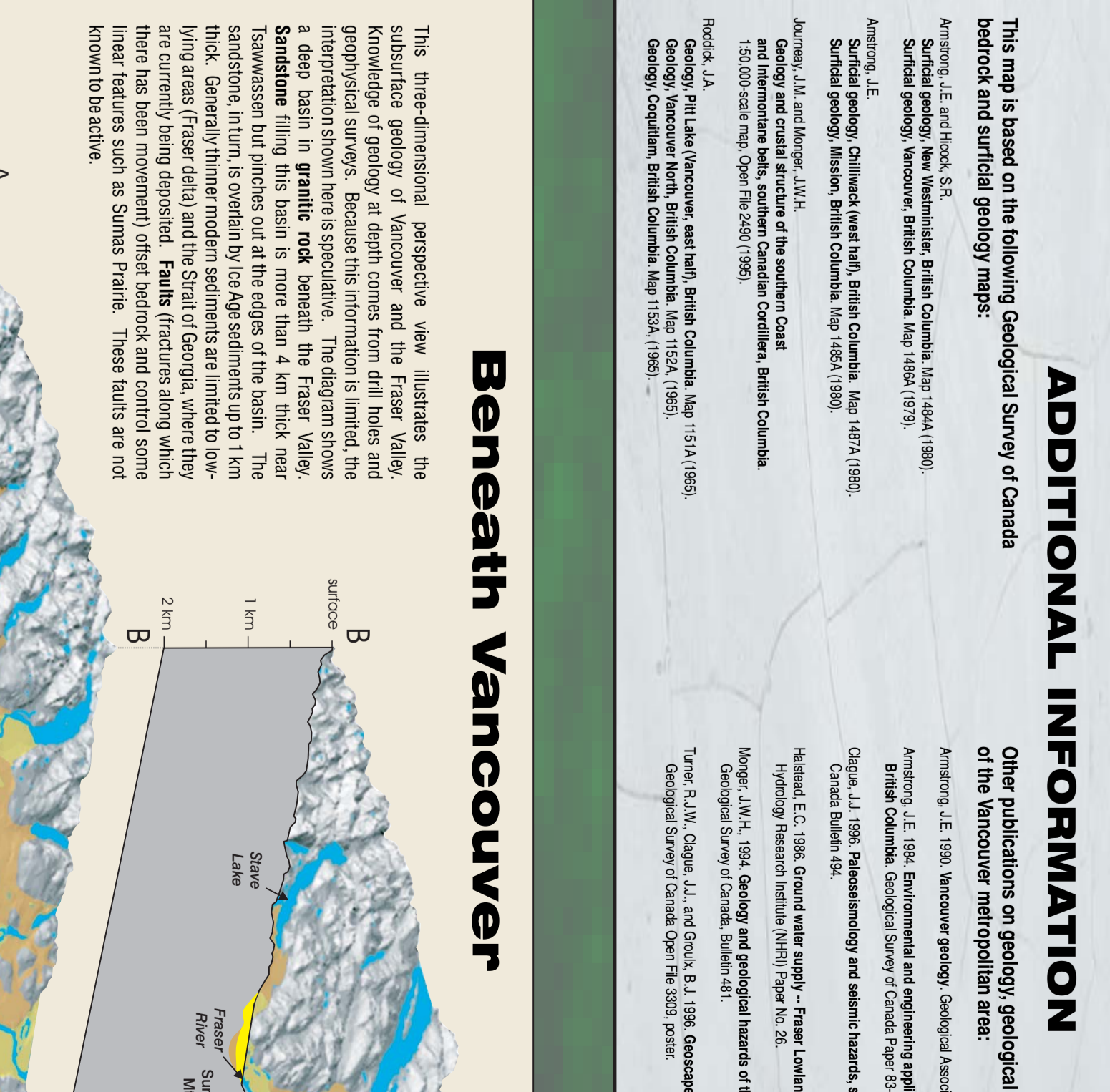
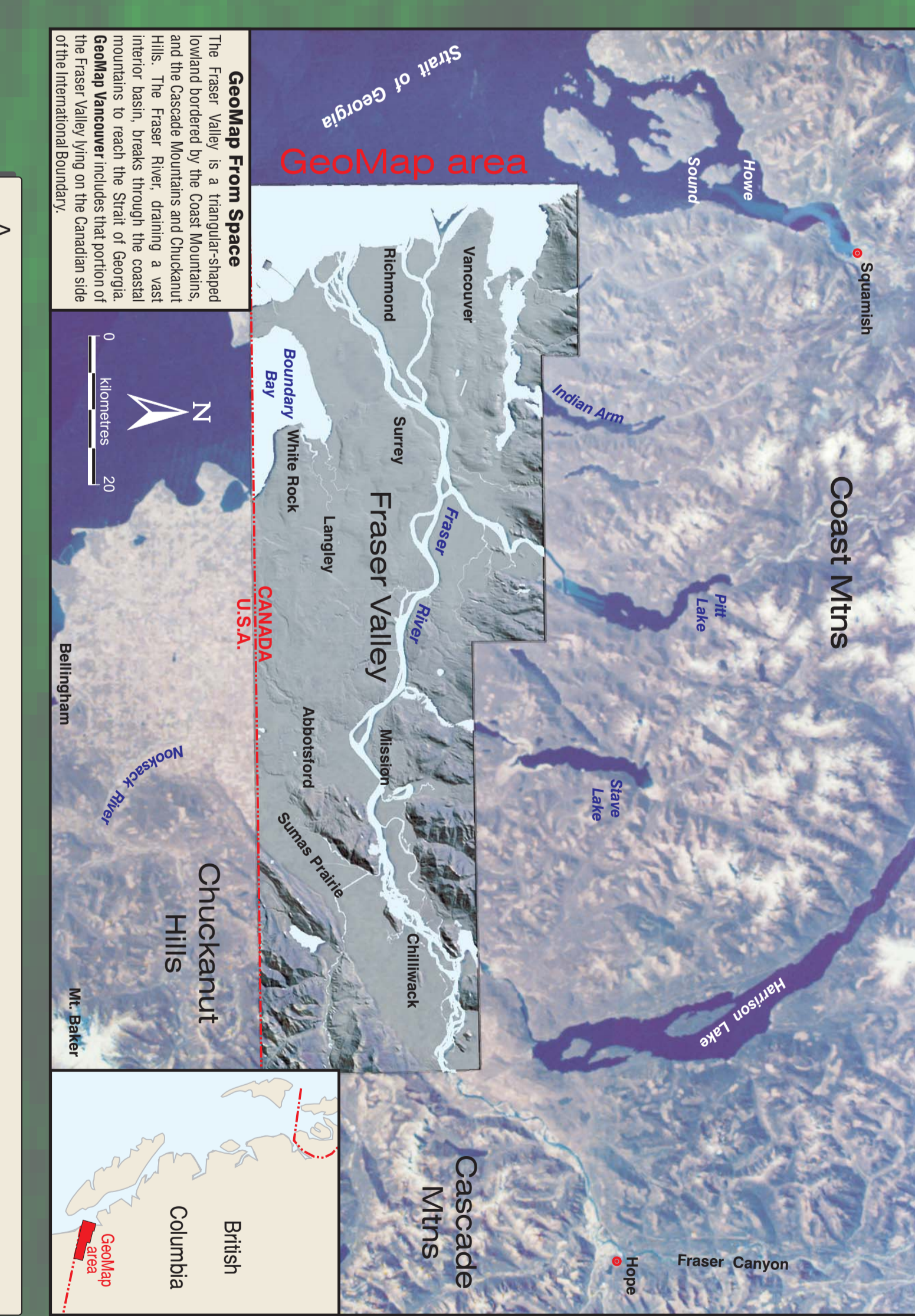
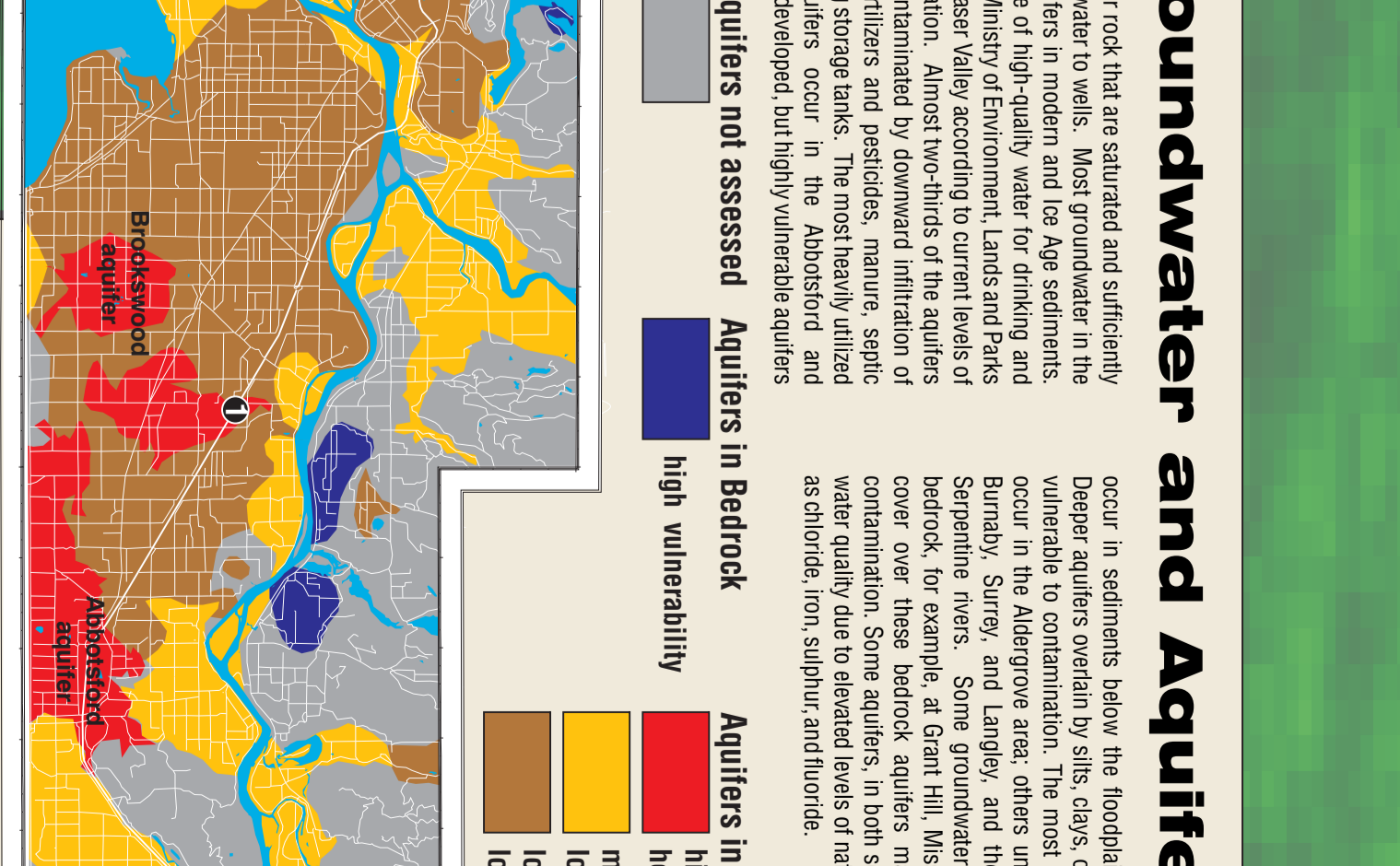
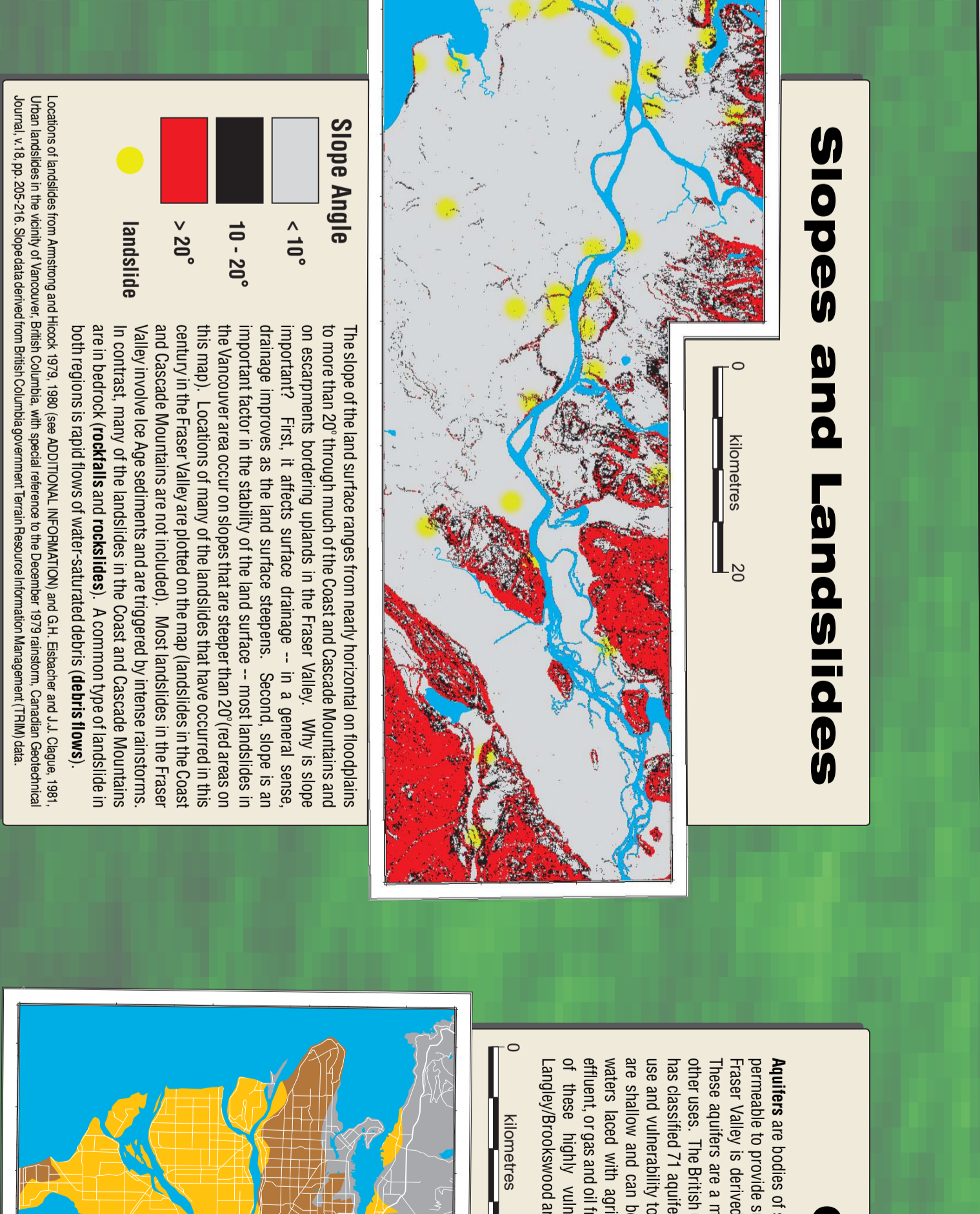
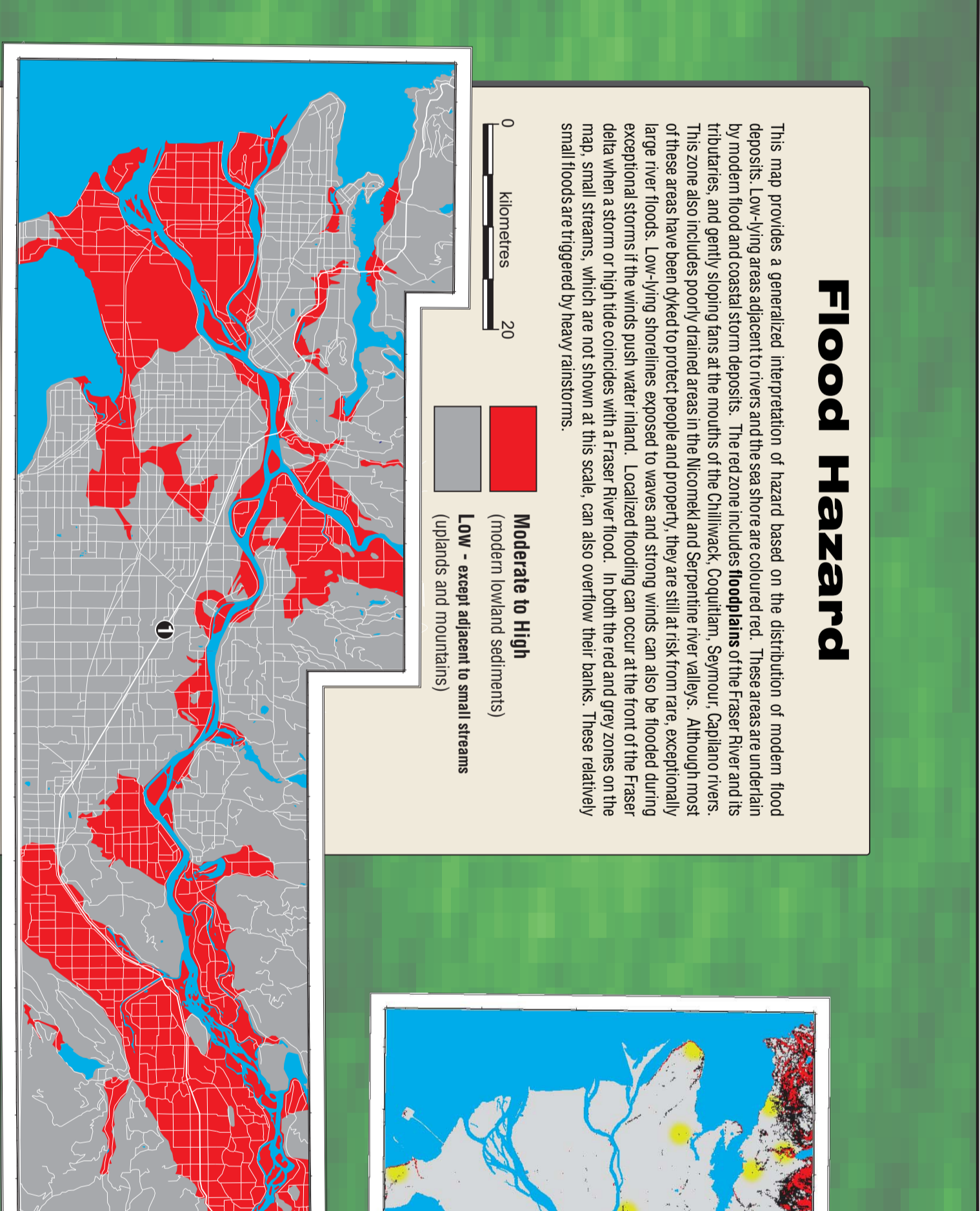
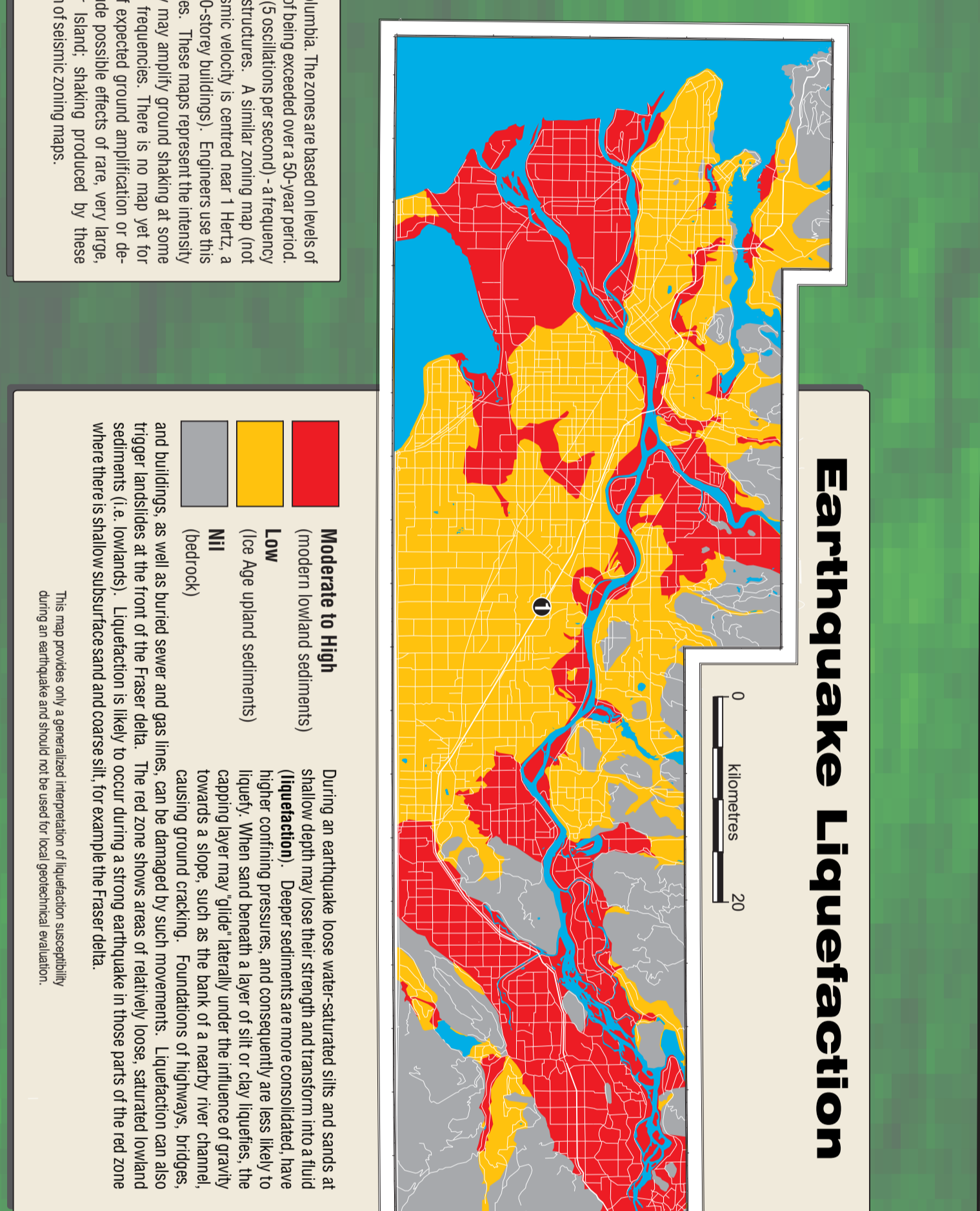
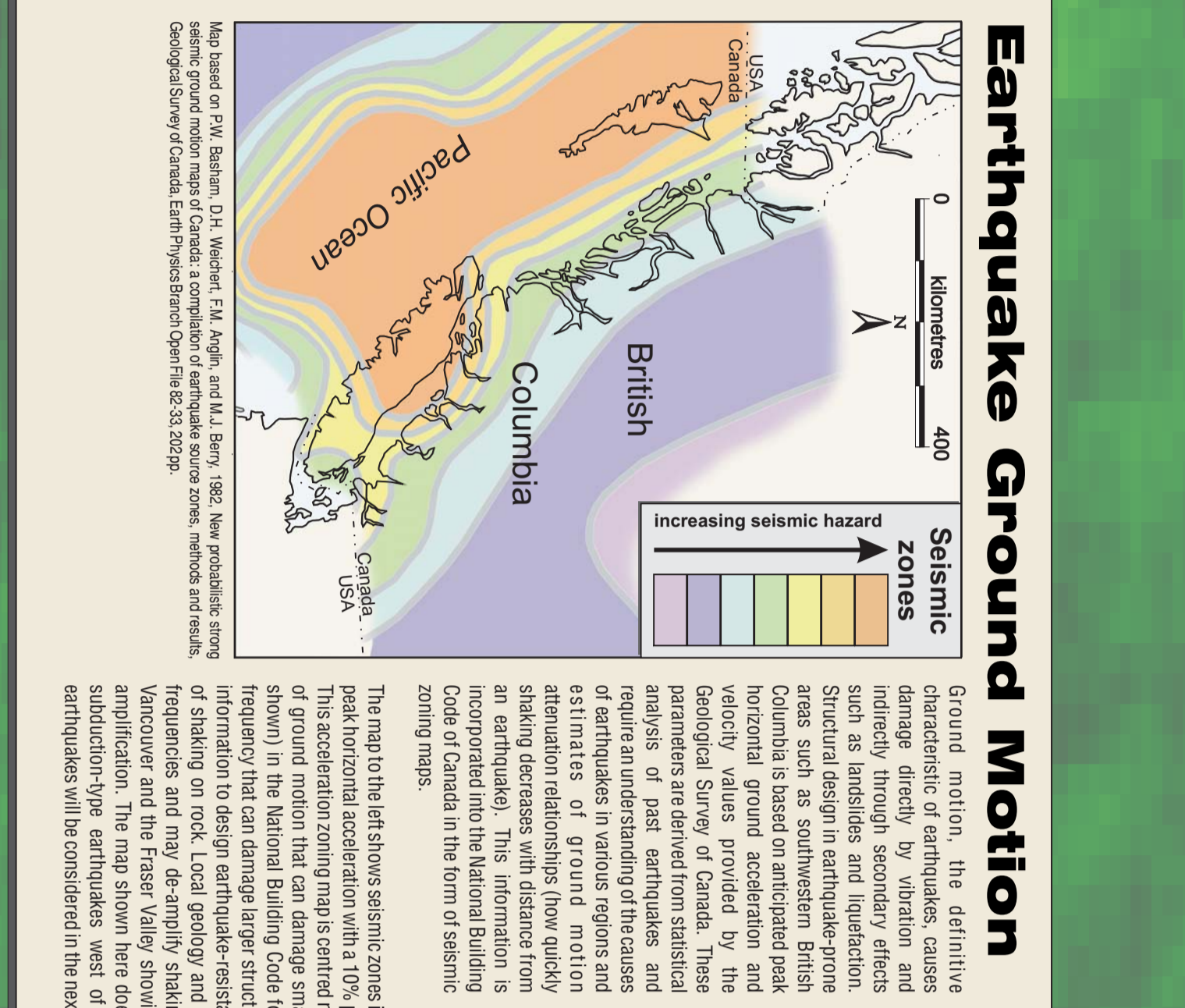
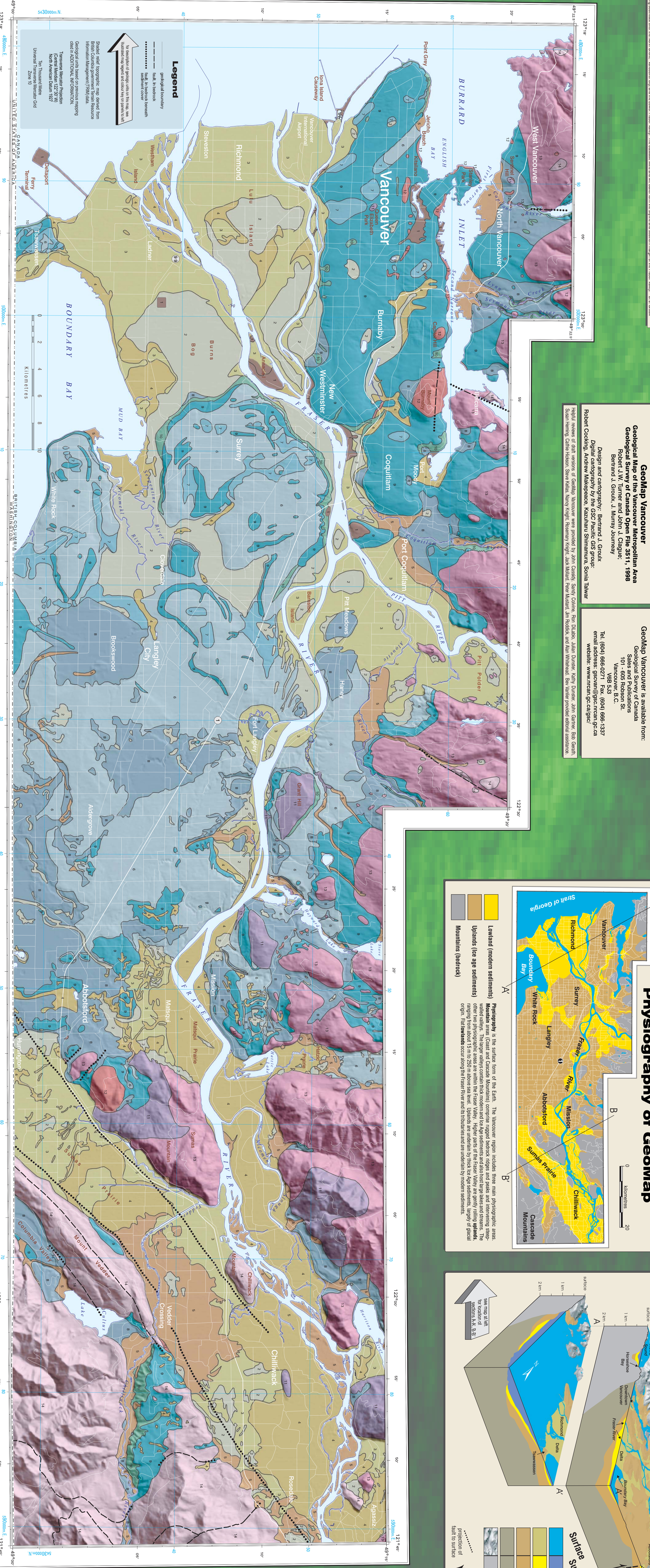
Geological Map of the Vancouver Metropolitan Area

Geological Survey of Canada Open File 3511, 1998



Geo: Earth (from Greek geo - Earth) as in geology, the science of the solid Earth
Map: A visual display of spatial data
GeoMap Vancouver is a geological map of the Vancouver metropolitan area. This map is available by diverse geological materials with different physical properties. The purpose of GeolMap Vancouver is to show the surface distribution of these materials and to summarize material characteristics that are relevant to engineering, the environment, and land-use planning. Such characteristics include bearing capacity for structures, landslide potential, liquefaction susceptibility, grading, flood hazard, and contained hydrocarbons. The map is available in a variety of formats, including a CD-ROM, a hard copy, and a web-based version. The map is available in a variety of formats, including a CD-ROM, a hard copy, and a web-based version.

GeolMap Vancouver is available from:
Geological Survey of Canada
Sales and Publications
100 - 10th Avenue, NW
Edmonton, Alberta T6E 6G1
Canada
Tel: (780) 952-8343 (toll free 1-877-975-3737)
Fax: (780) 952-8343 (toll free 1-877-975-3737)
Internet: www.geoscan.ca
Email: geoscan@geoscan.ca



Additional information about the map is available at www.geoscan.ca.

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