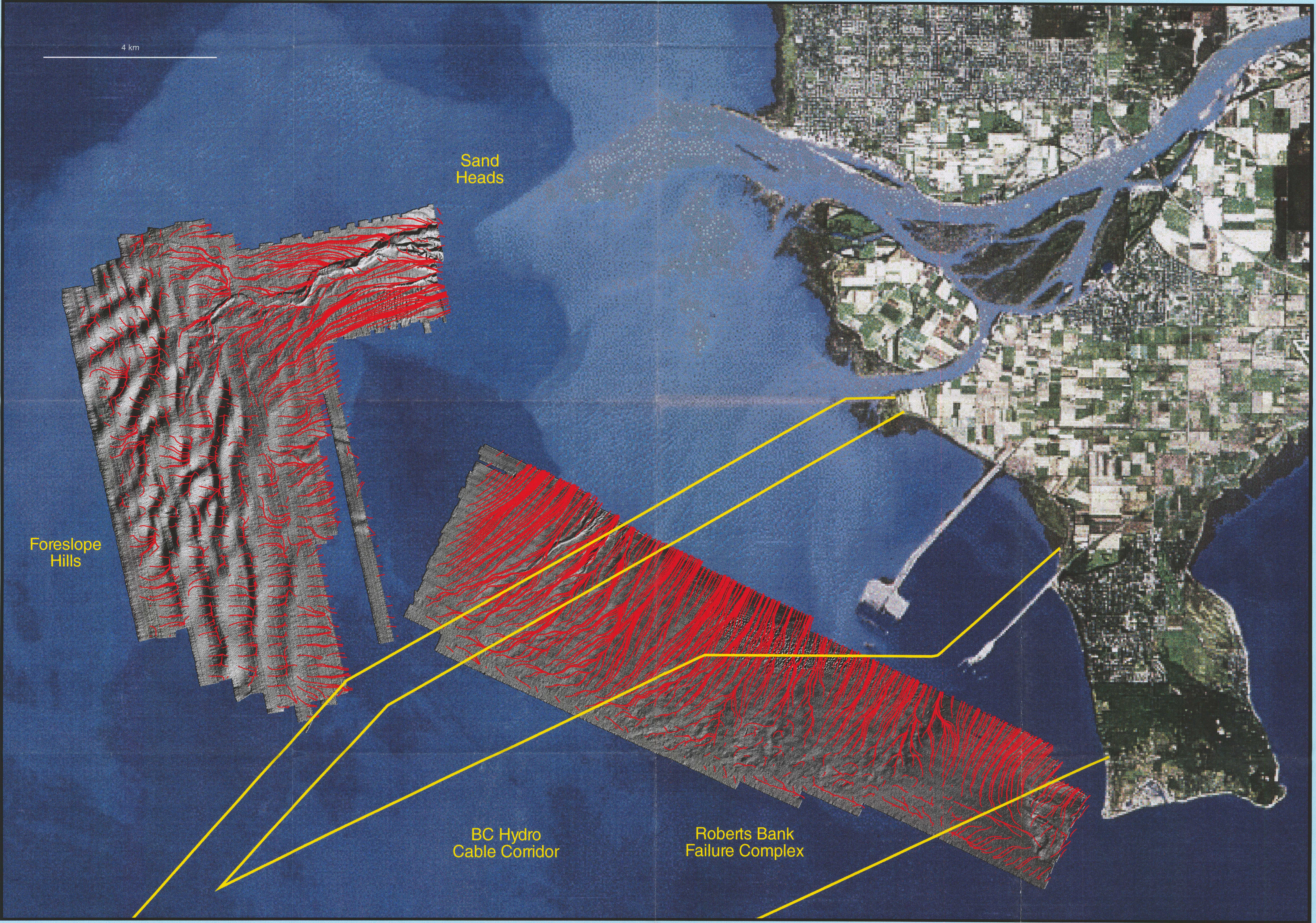




Interpretation of Seafloor Instability in the Strait of Georgia, British Columbia, from EM 100 Multibeam Bathymetry Surveying

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Fraser River Delta Flowlines Analysis
Southern Strait of Georgia

Flowlines were generated from the local gradient of the gridded multibeam EM100 bathymetry collected in 1994 by GRI. The flowlines indicate the probable direction of potential downslope mass movements under the influence of gravity, but not necessarily the distance travelled. The shaded relief image was generated with illumination from the north at an attitude of 45 degrees. The bathymetry is vertically exaggerated by a factor of 10. The Landsat Spot image was used with the permission of MacDonald Dettwiler and Associates. Support for this research was provided by the Canadian Hydrographic Service, B.C. Hydro and the Panel for Energy, Research and Development.

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