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Sediment response investigations in Kitimat, British Columbia: geophysical data sets

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System requirements

PC with 486 or greater processor, or Mac® with OS® X v. 10.2.2 or later; Adobe® Reader® v. 6.0 or later; video resolution of 1280 x 1024.

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Seismic data files are provided in SEG-Y (\*.sgy) format. It is one of several file standards developed by the Society of Exploration Geophysicists for storing geophysical data. It is an open standard, controlled by the SEG’s non-profit Technical Standards Committee.

Contents

Since 2013, the GSC has undertaken a range of activities to improve the assessment of geohazards (specifically earthquakes, tsunamis, and landslides) in British Columbia’s North Coast region as part of the World-Class Tanker Safety Initiative. This initiative includes targeted mapping, monitoring, and modelling of selected marine and terrestrial coastal geohazards in and around the district of Kitimat, BC. To better predict earthquake-induced ground motions in Kitimat, a three-phased study of the unconsolidated sediments filling the Kitimat Valley was initiated in 2014. This interpretive report contains the geophysical data (seismic reflection, passive microtremor recordings, borehole geophysical logs) collected as part of Phase 1 & 2 of the Kitimat site response study.

Directory structure

of\_8185\_readme.rtf

of\_8185.pdf

Folders:

Appendix A - Google Earth (contains 1 file)

Appendix B - Microtremor Recordings (contains 3 folders)

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Tromino Report files (contains 99 files)

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Appendix E - Water Well Records (contains 4 files)

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