



GEOSCIENCE BC SUMMARY OF ACTIVITIES 2009





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Cover photo: Bryan Hardel at camp near Mt. Bolton, east of Kitimat, overlooking the Kitimat River

Photo credit: Geoffrey Pignotta, 2009

Foreword

Geoscience BC is pleased to present the results of ongoing and recently completed geoscience projects and surveys in this, our third edition of the *Geoscience BC Summary of Activities*. The volume is divided into three sections, and contains a total of 25 papers, making this our largest volume so far. Industry consultants and contractors, university-based researchers and government geoscientists working on Geoscience BC-funded projects in British Columbia prepared most of the papers.

The first section contains two papers on the QUEST-South Project, Geoscience BC's major mineral exploration initiative in 2009. Like the QUEST (2007) and QUEST-West (2008) projects before it, QUEST-South combines regional geochemical surveys and reanalysis with airborne geophysics, but focuses on BC's southern interior. Results for the QUEST-South project will be released in early 2009.

The second section contains seventeen papers on mineral exploration-related partnership projects supported by Geoscience BC, including geochemical, surficial geology, mapping, mineral deposit and data compilation projects. The papers range from preliminary reports after a first field season to final reports highlighting project end results. The papers are organized roughly by project type and location to allow the reader to quickly identify papers of interest.

The third section contains six papers on hydrocarbon-related partnership projects supported by Geoscience BC. Three papers focus on central British Columbia's Nechako Basin, which has been the main focus of Geoscience BC's oil and gas program since 2005. The final three papers focus on northeastern BC, including a paper highlighting a Geoscience BC-Industry partnership initiative in the Horn River Basin.

All papers are also available on Geoscience BC's website (www.geosciencebc.com), and readers are encouraged to visit the website for additional information on all Geoscience BC projects, including project abstracts, posters and presentations, previous *Summary of Activities* or *Geological Fieldwork* articles, and final datasets.

Acknowledgments

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