

FOREWORD

This is the twenty-sixth edition of *Geological Fieldwork: A Summary of Fieldwork and Current Research*. This annual publication contains reports summarizing results from the British Columbia Geological Survey projects undertaken during the past year. As well, there are several contributions by associated researchers from industry, Geological Survey of Canada and universities.

The articles in this volume reflect the emphasis of the year 2000 field surveys. The highlights include:

- Reports on the second year activity of the Ancient Pacific Margin NATMAP project, a joint venture with the Geological Survey of Canada.
- Results of geological, geochemical and fluid inclusion studies of gold mineralization in the Wells-Barkerville area, including information on the new Bonanza Ledge discovery.
- An assessment of the potential for volcanogenic massive sulphide deposits hosted by mid-Cretaceous Rocky Ridge volcanics in the Skeena Arch.
- A paper on the Whiterocks Mountain alkaline complex that provides new data about the geological controls of the Dobbin PGE mineralization. A complimentary paper reports on soil geochemistry studies over the PGE mineralized zones.
- A report from a new project within Barkerville Terrane in the Cariboo Lake area. Stratigraphic controls of the recently discovered massive sulphide boulders at Frank Creek are documented.
- Results of mapping in the Ecstall Belt in the Coast Plutonic Complex and a reassessment of volcanogenic massive sulphide potential of the belt.
- Industrial minerals continue to attract more attention in the province. Two papers highlight diatomite and hydro-magnesite occurrences.

The B.C. Geological Survey continued to contribute information on mineral inventory to Land and Resource Management Planning tables. In 2000, field studies focused on documenting the aggregate potential along the Sea to Sky Highway. Mineral occurrence studies and focused regional geochemical sampling were completed in the North Coast planning area.

During 2000 the B.C. Geological Survey initiated a new publication series, delivered exclusively over the Internet, called *GeoFiles*. These digital products are designed to make information available quickly to clients, and are not necessarily subject to the same editorial standards as hardcopy publications. These products may be downloaded free of charge, through the "*GSB Publications Catalog*" page on the Survey's website.

Our thanks to all the authors whose professional skills in the field and office make this publication possible. The articles have been improved by peer and management review. Special thanks go to Janet Holland and Brian Grant, the Branch's publications staff, who have worked long hours to meet difficult deadlines.

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