

INTRODUCTION

In planning the technical program for the Exploration '77 Symposium, the Program Committee decided to retain a format similar to that used for the 1967 Centennial Conference to enable the proceedings volume to be essentially a textbook describing recent advances in geophysical and geochemical techniques applied to the search for metallic ores. Accordingly it was decided to have general papers presenting overviews of economic geology, geophysics and geochemistry followed by papers describing the state-of-the-art for each of the main subdisciplines of geophysics and geochemistry. Papers describing the application of these techniques in finding mines were then to be presented by explorationists active in the profession; for this purpose two co-conveners from mining companies were selected from the Program Committee to solicit these case-histories with as great a geographic distribution and type of deposit as possible. Thus the Program Committee has attempted to make the Exploration '77 Symposium as international in scope as could be achieved albeit with some Canadian bias. The result was that 42 per cent of the papers were by authors resident outside of Canada and nine of the sixteen case history papers dealt with exploration in foreign countries.

The production of the proceedings volume has been facilitated by the contributions of many individuals both within the Geological Survey of Canada and in the universities and mining and survey companies both in Canada and overseas. Each paper was critically read either by one or two reviewers whose efforts have helped greatly to improve the quality of the papers. The critical readers were:

CRITICAL READERS

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Case Histories

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