

The Geological Highway Map of Nova Scotia: A Second Edition

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Eight years ago the Atlantic Geoscience Society published the Geological Highway Map of Nova Scotia for the 1980 GAC/MAC Halifax meeting. The press run was 16,000 maps; now less than 2,000 remain. The map has been used by visitors, residents, geologists, students and teachers. In many schools and some university courses it is part of the curriculum. With the low numbers of maps remaining and the many advances in the geological understanding of Nova Scotia, another edition was needed. In early 1987 an AGS committee was formed to begin preparation of another edition. The Committee has a broad base of experience with its members: Howard Donohoe (N.S. Mines and Energy); Robert Grantham (N.S. Museum); Gordon Fader (Atlantic Geoscience Centre); John Martell (Dartmouth High School); and Robert Raeside (Acadia University). This second edition of the map will be more "user friendly" than the preceding one. On the front, the geological map will be correctly oriented

geographically and will have the same increased size as the newer edition of the Nova Scotia Tourism Highway Map. We will be working toward integrating relief and geology on the map so that users will understand how the geology of an area has affected the landscape. Block diagrams will be used both on the front in place of cross-sections and on the back for discussion of local areas. Other novel ideas for stronger and more graphic presentations of geology and landforms are being discussed. These include "exploded" views of an area using a layered effect: the bedrock layer, surficial deposits layer and surface cultural features and landforms layer. Mining and the mineral industry in Nova Scotia will be emphasized through panels on the back and locations of mines on the front map. We feel that the new edition of the map will be able to show users more about the geological history, mineral resources, rocks and fossils and landform development with less complication and fewer words.