



GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA
 DEPARTMENT OF NATURAL RESOURCES AND REVENUE
 MINISTÈRE DES RESSOURCES NATURELLES ET GÉOLOGIE

MAP 1505A
TECTONIC ASSEMBLAGE MAP
OF THE CANADIAN CORDILLERA
AND ADJACENT PARTS OF THE
UNITED STATES OF AMERICA

Co-ordinators: H.W. Tipper, G.J. Woodsworth and H. Gabilotte

Scale 1:2 000 000
 Kilometres 0 50 100 150 200
 Miles 0 50 100 150 200

Lambert Conformal Projection, standard parallels 49° and 77°
 (This projection was originally drawn for the Map of Canada, MCR 1)

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Sources of information are published and unpublished maps, reports and manuscripts of the Geological Survey of Canada, United States Geological Survey, and British Columbia Ministry of Energy, Mines and Petroleum Resources.
 Compilation, supervision, coordination and organization was under the general direction of H.W. Tipper, G.J. Woodsworth and H. Gabilotte, under consultation, research, designing and checking of Gabilotte, Woodsworth and Tipper. A. Priddy, P. Fortin, B. Chapman, C. Bergeron, G. Little, D. James, J. Scudlark, G. Vermeulen, and J. Taylor.
 The technical organization of the map was largely the work of H. Gabilotte, P.B. Campbell, J.H. Berger, H.W. Tipper, and G.J. Woodsworth with critical assistance of G.J. Powell, J.C. Savelle, and other members of the Cordillera Division. Completion of the Alexander River 1:500 000 map area was supervised by A.H. Chouinard. Geological Survey of Canada, Ottawa and critically reviewed by R.A. Price, Queen's University, Kingston, Ontario; S.C. Taylor, Geological Survey, Calgary; co-ordinated the critical review and editing of the geology of the eastern Cordillera with the assistance of D.K. Morris, J.D. Adams, D.G. Cook, M.F. Caille, and other members of the Institute of Sedimentary and Petrological Geology, Geological Survey of Canada, Calgary. Members of the United States Geological Survey provided information and critically reviewed parts of the map covering areas of British Columbia, Alberta, Montana, Park, California and J.E. Reynolds, Denver, Colorado. Constructive critical comments have been from many sources within and outside the Geological Survey of Canada.
 The map is intended to provide detailed information for use in interpretation to provide a wide range of information is available. Areas of doubt have been identified and marked interpretation of such areas is considered. Cartographic information has been based on the knowledge of many small but important geological units, the expansion of many small areas and the dismembered representation of some geological units. No attempt has been made to indicate the age of faults and the position or extension of many faults is an extrapolation based on a minimum of evidence. The map incorporates information available in May 1978.

Base map assembly and generalization by the Geological Survey of Canada, from parts of 1:2 000 000 scale MCR 5, sheets 3 and 4, published by Survey and Mapping Branch in 1977.
 Geological cartography by Y.A. St. Pierre-Savard, Geological Survey of Canada.

Assemblage contact (approximate)
 Fault with sense of movement not indicated (approximate, assumed)
 Dissected movement fault (approximate, assumed)
 Fault with downthrow side indicated by solid line
 Fault with downthrow side indicated by solid line
 Thrust fault (approximate, assumed)
 Lake (Dike) - Early Quaternary (CQ) - Shore (S) (lake boundary)
 Massifs (approximate)
 Massifs (approximate) with dominantly volcanic rocks