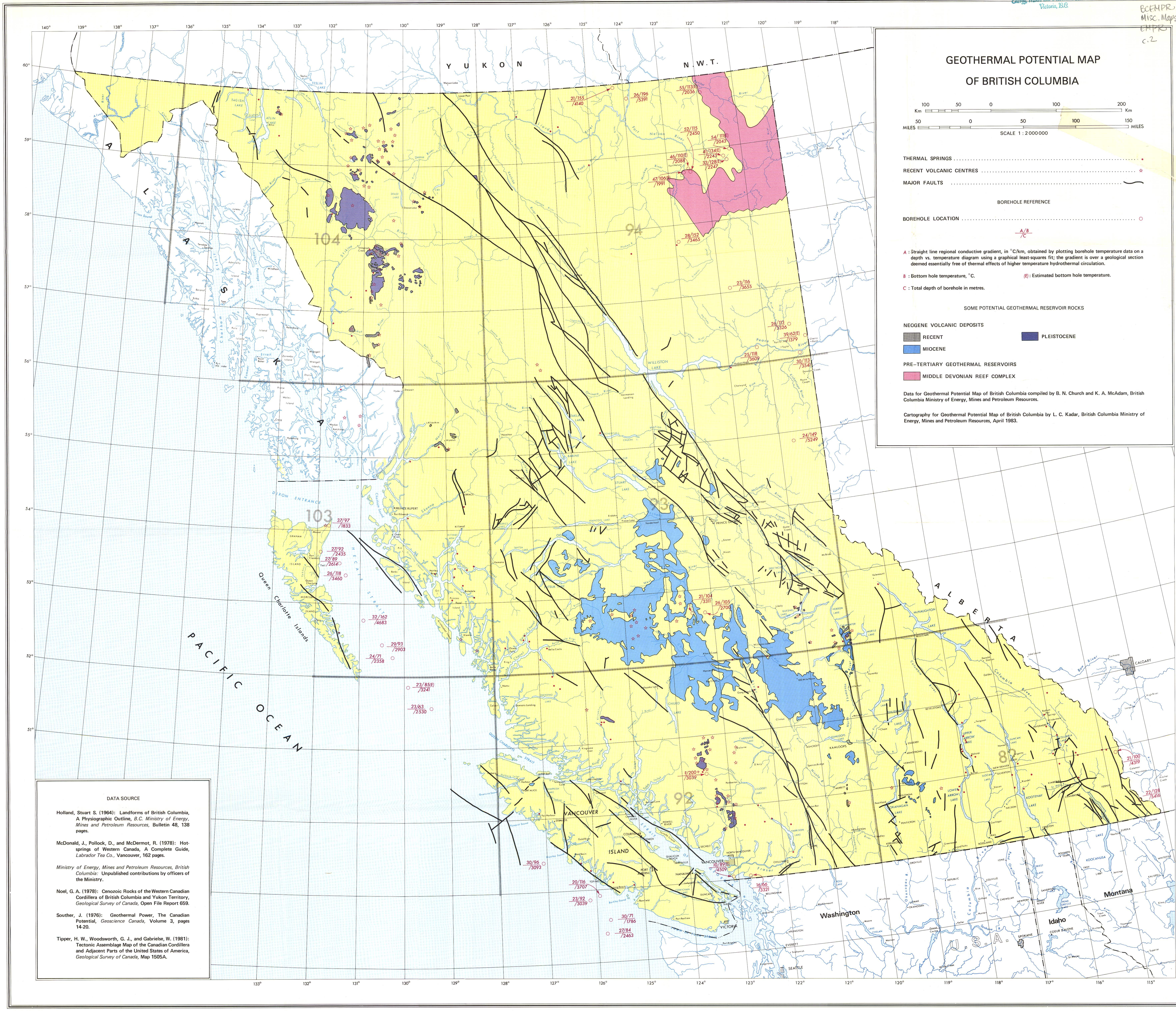
GEOTHERMAL POTENTIAL MAP OF BRITISH COLUMBIA



100 50 0 100 200 Km
50 0 50 100 150 MILES
SCALE 1 : 2 000 000

THERMAL SPRINGS ....

RECENT VOLCANIC CENTRES ....

MAJOR FAULTS ....

BOREHOLE REFERENCE

BOREHOLE LOCATION ....

A/B
/C

A : Straight line regional conductive gradient, in °C/km, obtained by plotting borehole temperature data on a depth vs. temperature diagram using a graphical least-squares fit; the gradient is over a geological section deemed essentially free of thermal effects of higher temperature hydrothermal circulation.

B : Bottom hole temperature, °C.

(E) : Estimated bottom hole temperature.

C : Total depth of borehole in metres.

SOME POTENTIAL GEOTHERMAL RESERVOIR ROCKS

NEOGENE VOLCANIC DEPOSITS

RECENT

PLEISTOCENE

MIOCENE

PRE–TERTIARY GEOTHERMAL RESERVOIRS

MIDDLE DEVONIAN REEF COMPLEX

Data for Geothermal Potential Map of British Columbia compiled by B. N. Church and K. A. McAdam, British Columbia Ministry of Energy, Mines and Petroleum Resources.

Cartography for Geothermal Potential Map of British Columbia by L. C. Kadar, British Columbia Ministry of Energy, Mines and Petroleum Resources, April 1983.

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