

BASE LEGEND

- Cenozoic
- Mesozoic
- Palaeozoic
- Pre-Cambrian
- Basement and unclassified Precambrian

- MESOZOIC OR YOUNGER FAULTS
- Unclassified
  - Normal
  - Thrust, reverse
  - Strike-slip
- Plate boundary
- Plate boundary

**ACKNOWLEDGEMENTS**

Mapmakers used for shaded relief were provided in digital format by U.S. Coast and Geodetic Survey, National Oceanic and Atmospheric Administration, Department of Commerce, and also derived from bathymetry and topographic data from the Geological Survey of Canada, Open File 2915C, 1984, and the International Geophysical Year, 1957-1958, American Geographical Union, Volume 82, p. 121, 1968.

Geographic data for the map were provided in digital format by U.S. Coast and Geodetic Survey, National Oceanic and Atmospheric Administration, Department of Commerce, and also derived from bathymetry and topographic data from the Geological Survey of Canada, Open File 2915C, 1984, and the International Geophysical Year, 1957-1958, American Geographical Union, Volume 82, p. 121, 1968.

Geological data were derived from "Atlas of the World's Oceans", U.S. Coast and Geodetic Survey, National Oceanic and Atmospheric Administration, Department of Commerce, and also derived from bathymetry and topographic data from the Geological Survey of Canada, Open File 2915C, 1984, and the International Geophysical Year, 1957-1958, American Geographical Union, Volume 82, p. 121, 1968.

Geological data were derived from "Atlas of the World's Oceans", U.S. Coast and Geodetic Survey, National Oceanic and Atmospheric Administration, Department of Commerce, and also derived from bathymetry and topographic data from the Geological Survey of Canada, Open File 2915C, 1984, and the International Geophysical Year, 1957-1958, American Geographical Union, Volume 82, p. 121, 1968.

GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA

OPEN FILE 2915C

## HYDROTHERMAL ACTIVITY AND ASSOCIATED MINERAL DEPOSITS OF THE SEAFLOOR

Scale 1:35 000 000 - Echelle 1:35 000 000

Kilometres 0 50 100 150 200 Kilomètres

Use the Metric System / Utilisez le Système Métrique

Publication Year / Année de Publication: 1984

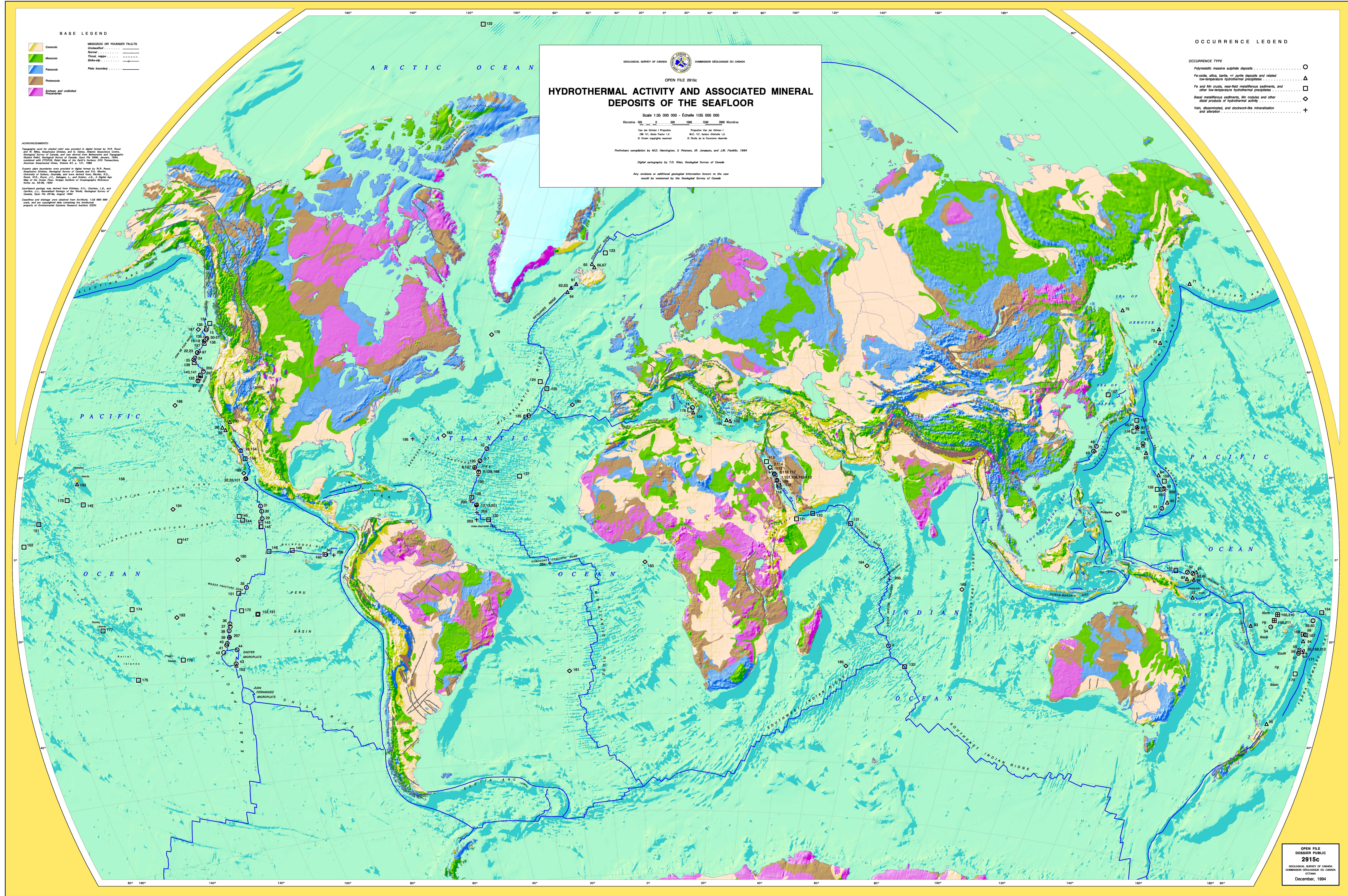
Pathology compilation by M.D. Hartog, S. Peterson, G. Johnson, and J.M. Franklin, 1984

Digital cartography by T.D. West, Geological Survey of Canada

Any revision or additional geological information known to the user would be welcomed by the Geological Survey of Canada

OCCURRENCE LEGEND

- OCCURRENCE TYPE
- Polythermal massive sulphide deposits
  - Fe-sulfide, silica, barite, v. pyrite deposits and related low-temperature hydrothermal precipitates
  - Fe and Mn oxides, near-field metalliferous sediments, and other low-temperature hydrothermal precipitates
  - Basal metalliferous sediments, Mn nodules and other distal products of hydrothermal activity
  - Vents, disseminated, and stockwork-like mineralization and alteration



OPEN FILE  
DOSSIER PUBLIC  
2915C  
GEOLOGICAL SURVEY OF CANADA  
COMMISSION GÉOLOGIQUE DU CANADA  
OTTAWA  
December, 1984