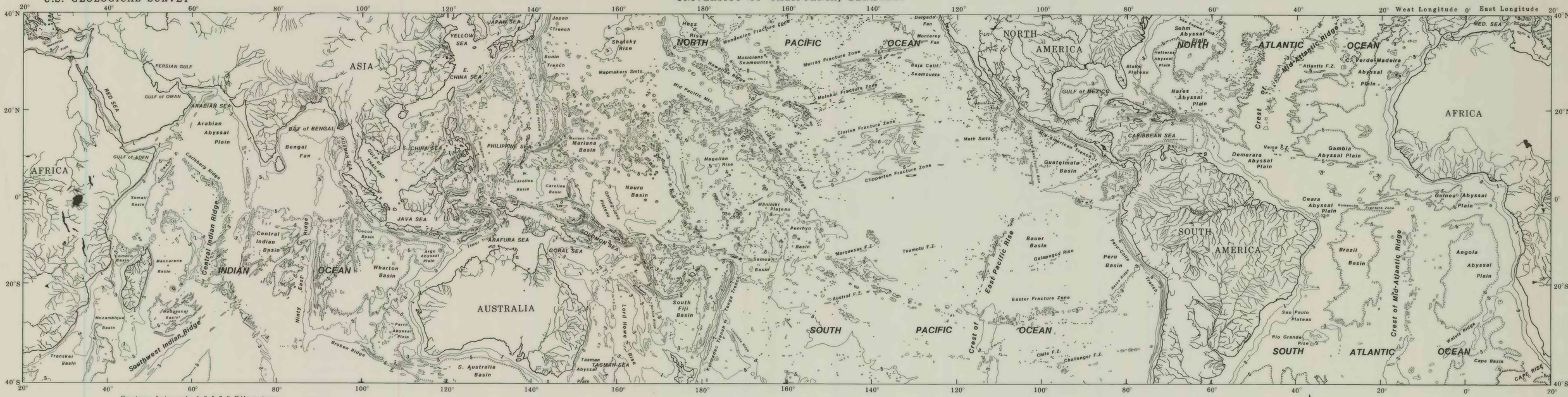
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
Marine Sciences Group, Department of Paleontology
UNIVERSITY OF CALIFORNIA, BERKELEY

OPEN FILE REPORT 86-333-B

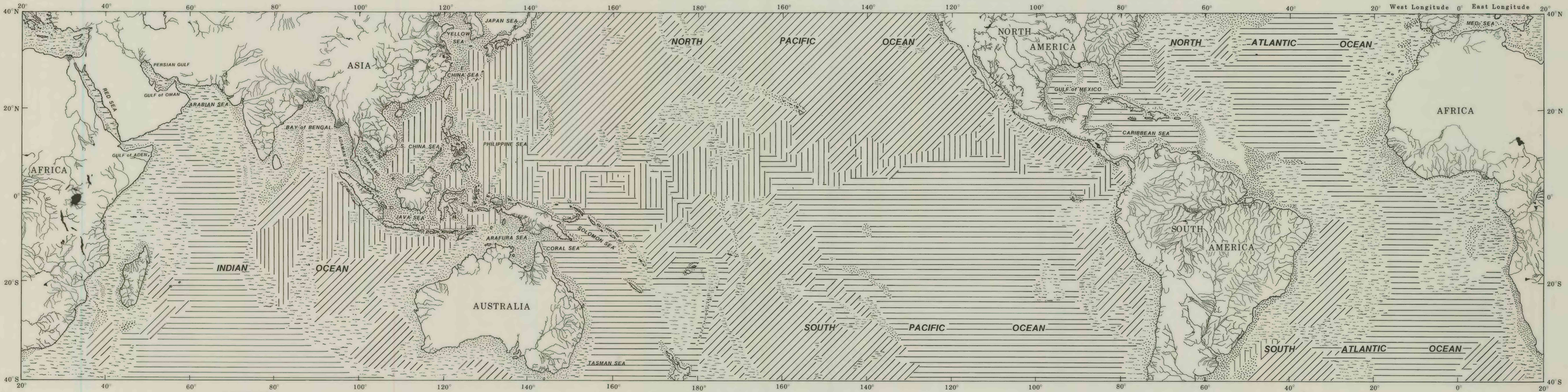


MAJOR SEA FLOOR TOPOGRAPHIC FEATURES
Between Latitudes 40°N. and 40°S.

Adapted from: Chase, T.E., 1975, Topography of the Oceans, IMR Technical Report Series TR-57, University of California, San Diego

SCALE
0 500 1000 1500 2000 3000 4000
KILOMETERS

Mercator Projection



LEGEND

BIOGENIC OOZE
Skeletal remains greater than 30%
- Carbonate Ooze
- Siliceous Ooze

DEEP-SEA CLAY
- Authigenic Clay/Mud From erosional or chemical activity
- Pelagic Clay Skeletal remains less than 30%.

CONTINENTAL MARGIN/ISLAND
- Combinations of Sand, Silt, Mud, Clay. Terrigenous, volcanogenic, and biogenous

Note: Materials not shown here consist of manganese or phosphate nodules, volcanic ash and lava flows.

GENERALIZED SEA FLOOR SEDIMENT DISTRIBUTION
Between Latitudes 40°N. and 40°S.

Prepared By
T.E. Chase, B.A. Seekins, J.A. Wahler, W.R. Normark, P. Wilde, and W.C. Schwab

1986

Adapted from: Rawson, M.D., and Ryan, W.B., 1978, Ocean Floor Sediment and Polymetallic Nodules, Sheet 1, U.S. Department of State, Washington, D.C.

SCALE
0 500 1000 1500 2000 3000 4000
KILOMETERS

Mercator Projection

PLATE 2

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.