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**DECADE OF NORTH AMERICAN GEOLOGY
1983 GEOLOGIC TIME SCALE**



GEOLOGICAL SOCIETY
OF AMERICA

CENOZOIC

MESOZOIC

PALEOZOIC

ECAMBRIAN

This figure is a comprehensive geological timeline chart, spanning from the Paleozoic to the Quaternary. It provides a detailed view of Earth's history through various geological eras, periods, epochs, and stages. The chart includes a scale bar for both time (in millions of years) and depth (in kilometers).

Key Features:

- Geological Eras:** Paleozoic, Mesozoic, and Cenozoic.
- Periods:** Cambrian, Ordovician, Silurian, Devonian, Carboniferous, Permian, Triassic, Jurassic, Cretaceous, Paleogene, Neogene, and Quaternary.
- Eons:** Archean and Proterozoic.
- Epochs and Stages:** Numerous epochs and stages are shown, such as the Cambrian Period's Ediacaran,寒武紀, and Cambrian stages.
- Magnetic Polarity:** Shown as a series of vertical bars indicating the direction of Earth's magnetic field.
- Biostratigraphic Zones:** Indicated by horizontal bars representing specific biological groups.
- Rapid Polarity Changes:** Marked by black bars labeled "RAPID POLARITY CHANGES".
- Scale Bar:** Includes a top scale for time (Myr) from 0 to 570 and a bottom scale for depth (km) from 0 to 570.