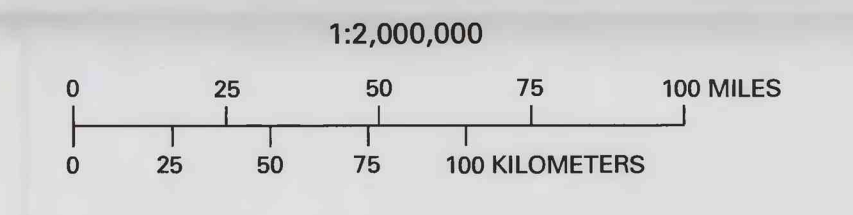


STRATIGRAPHIC NOMENCLATURE AND THICKNESS



LITHOLOGY

EXPLANATION

- Area where Redwall-Leadville zone is missing because of erosion or nondeposition or thrust under Precambrian rocks
- Borehole with lithologic log used to prepare map
- Measured surface stratigraphic section used to prepare map

Stratigraphic Nomenclature and Thickness

- Area where Redwall-Leadville zone crops out (generalized)
- Line of equal thickness—Interval is 100 feet, except in the Overthrust Belt area of Wyoming, where interval is 500 feet
- Approximate boundary between component geologic units

Lithology

- Limestone and dolomite, locally brecciated or marbled, with less than 5 percent sandstone and shale interbeds
- Limestone and dolomite, locally brecciated or marbled, with 5–10 percent sandstone and shale interbeds
- Line of equal percent dolomite—Interval is 25 percent
- Approximate boundary between lithofacies

STRATIGRAPHIC NOMENCLATURE, THICKNESS, AND LITHOLOGY OF THE REDWALL-LEADVILLE ZONE OF THE MADISON AQUIFER IN THE UPPER COLORADO RIVER BASIN AND VICINITY IN ARIZONA, COLORADO, NEW MEXICO, UTAH, AND WYOMING

By
Arthur L. Geldon
2002

Base from U.S. Geological Survey
U.S. base map, 1:2,500,000