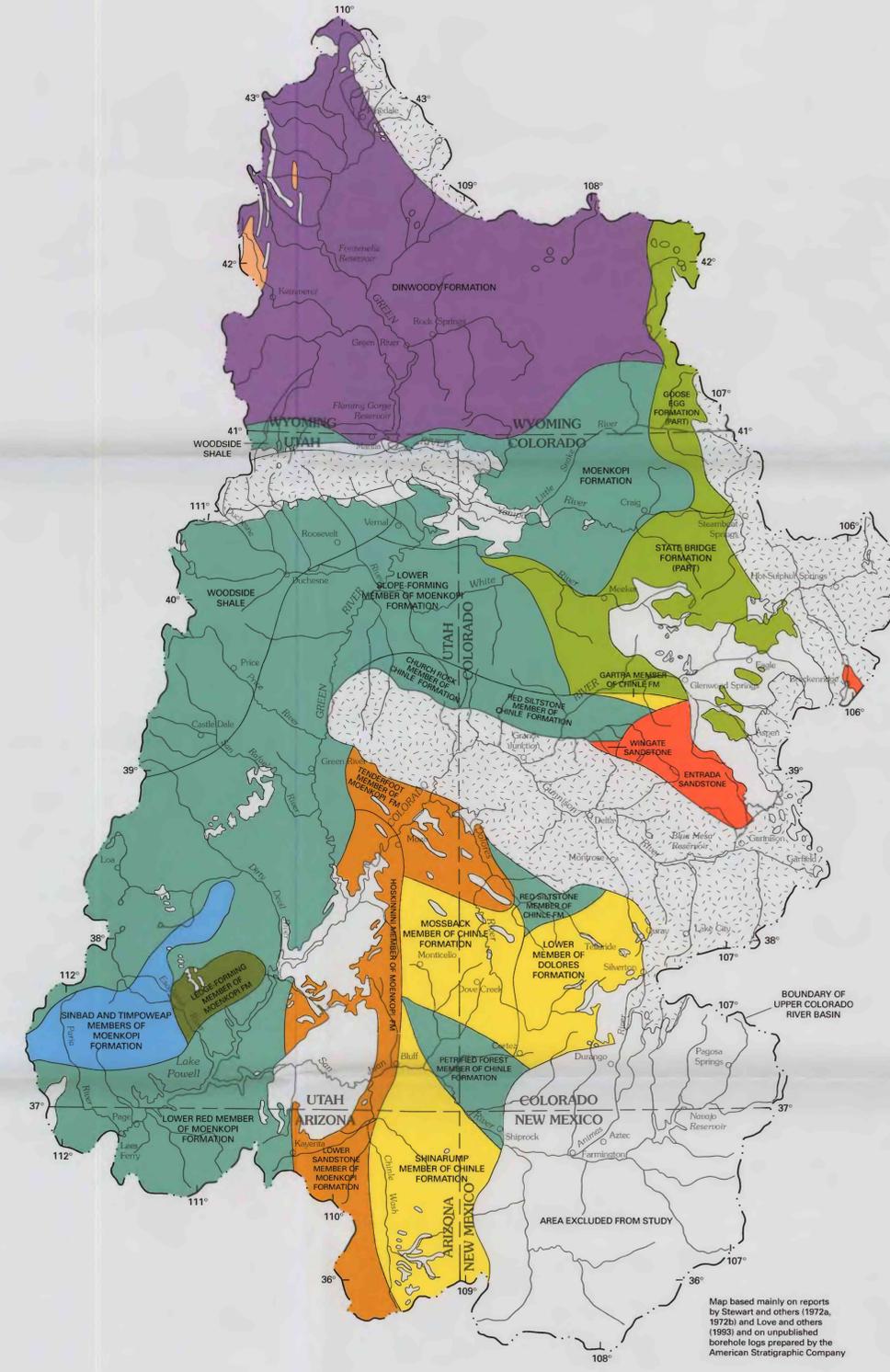


PRECAMBRIAN ROCKS



MESOZOIC ROCKS

- EXPLANATION**
- Precambrian rocks**
- Sedimentary rocks and low-grade metamorphic rocks—Includes the Uinta Mountain, Unkar, and Chuar Groups, Uncompahgre Formation, and unnamed rocks in the Defiance Plateau—Four Corners area
 - Metamorphosed sedimentary rocks—Includes gneiss, schist, quartzite, and marble
 - Metamorphosed volcanic rocks—Includes greenstone, amphibolite, and meta-tuff
 - Borehole with lithologic log used to prepare map
 - ✦ Measured surface stratigraphic section used to prepare map
- Mesozoic and Paleozoic rocks**
- Jurassic**
- Entrada and Wingate Sandstones—Tan, white, gray, pink, and red, locally conglomeratic sandstone
 - Sinbad and Timpoweap Members of Moenkopi Formation—Gray, yellow, orange, and green limestone, dolomite, siltstone, and sandstone
- Triassic**
- Lower Member of Dolores Formation; Gartra, Mossback, and Shinarump Members of Chinle Formation—Yellow, tan, gray, and orange sandstone and conglomerate with siltstone
 - Dinwoody Formation—Green and gray shale and limestone with anhydrite
 - Goose Egg and State Bridge Formations (upper part)—Mostly red and brown, locally green siltstone and claystone with thin sandstone, anhydrite, and carbonate layers
 - Hoskinnini and Tenderfoot Members of Moenkopi Formation—Red and brown sandstone, conglomerate, and siltstone
 - Mesozoic rocks eroded or not deposited—Paleozoic rocks overlain by Tertiary Wasatch Formation
 - Church Rock, red siltstone, and Petrified Forest Members of Chinle Formation; lower slope-forming and lower red members of Moenkopi Formation; and Woodside Shale—Generally red, locally gray, green, or variegated claystone and siltstone, with thin sandstone layers
 - Mesozoic and Paleozoic rocks thrust beneath Precambrian rocks or area in which Mesozoic and Paleozoic rocks are missing because of erosion or nondeposition
 - Ledge-forming member of Moenkopi Formation—Red, brown, and gray fine-grained sandstone and siltstone
 - Area where Paleozoic rocks crop out

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

PRECAMBRIAN AND MESOZOIC ROCKS IN CONTACT WITH PALEOZOIC ROCKS OF THE UPPER COLORADO RIVER BASIN IN ARIZONA, COLORADO, NEW MEXICO, UTAH, AND WYOMING, EXCLUDING PARTS OF THE SAN JUAN BASIN

By
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