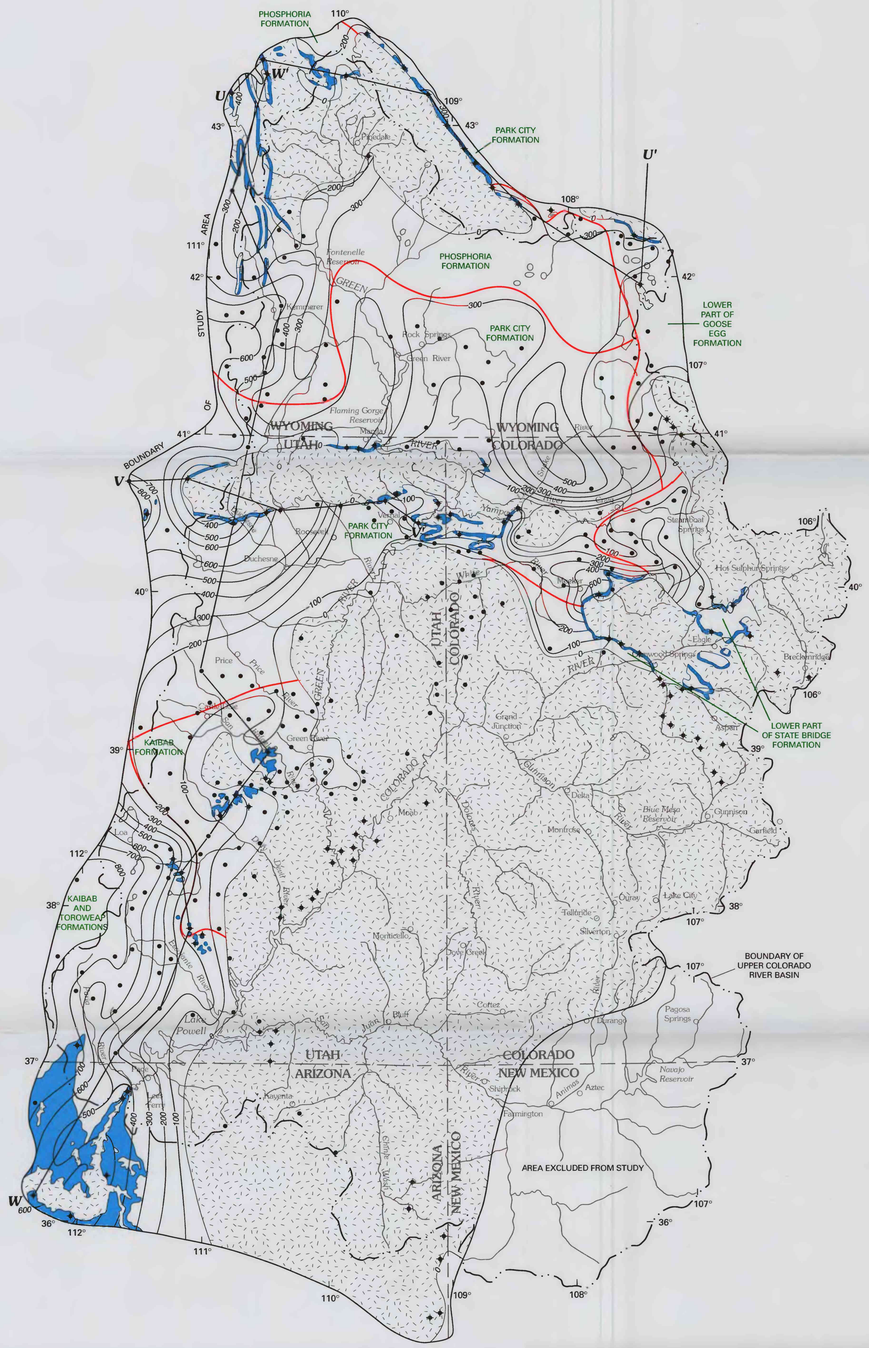
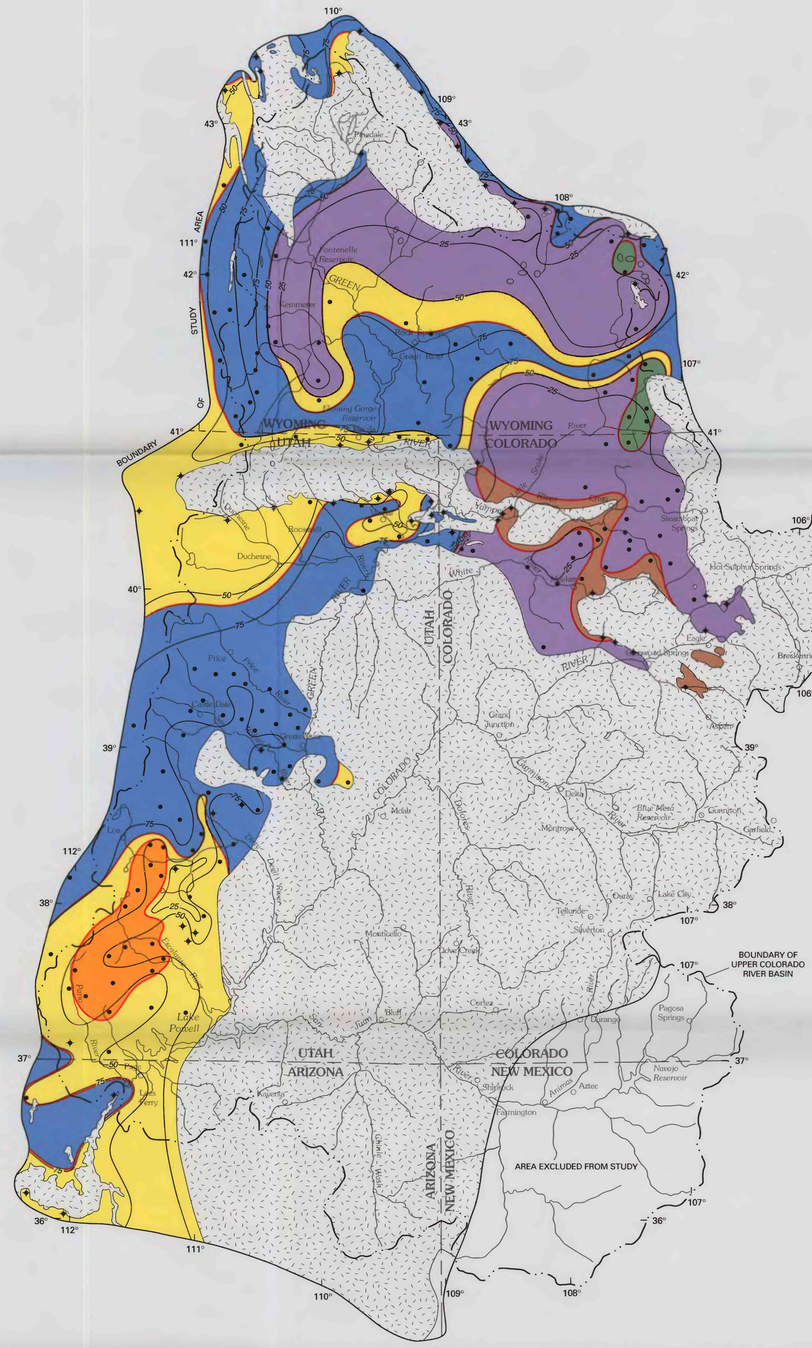
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PROFESSIONAL PAPER 1411–A
Thickness and lithology of the Park City–State Bridge zone—PLATE 17
Geldon, A.L., 2002, Geology of Paleozoic rocks in the Upper Colorado River Basin in Arizona, Colorado, New Mexico, Utah, and Wyoming, excluding the San Juan Basin



STRATIGRAPHIC NOMENCLATURE AND THICKNESS



LITHOLOGY

EXPLANATION

Area where Park City–State Bridge zone is missing because of erosion or nondeposition or is 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 Park City–State Bridge zone crops out (generalized)

200 Line of equal thickness—Interval is 100 feet

Approximate boundary between component geologic units

V — V' Location of stratigraphic cross section shown in figures 47, 49, and 50

Lithology

Predominantly limestone and dolomite, with interbeds of chert, phosphorite, and shale and less than 10 percent, each, sandstone and anhydrite layers

Limestone, dolomite, and sandstone with chert, phosphorite, and shale interbeds

Limestone, dolomite, sandstone, and anhydrite (5–30 percent of unit), with typically less than 5 percent shale layers

Dark-gray, green, and red shale, with subordinate limestone and dolomite layers and less than 10 percent, each, sandstone and anhydrite layers

Sandstone and shale, with less than 10 percent limestone and dolomite

Predominantly red shale with 5–20 percent anhydrite layers and less than 30 percent dolomite layers

50 Line of equal percent limestone, dolomite, chert, and phosphorite—Interval is 25 percent

Approximate boundary between lithofacies

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

STRATIGRAPHIC NOMENCLATURE, THICKNESS, AND LITHOLOGY OF THE PARK CITY–STATE BRIDGE ZONE OF THE CANYONLANDS AQUIFER IN THE UPPER COLORADO RIVER BASIN AND VICINITY IN ARIZONA, COLORADO, NEW MEXICO, UTAH, AND WYOMING

By
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2002