UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
BUREAU OF INDIAN AFFAIRS AND THE NAVAJO TRIBE

PROFESSIONAL PAPER 521-C
PLATE 1

MAP SHOWING GENERALIZED OUTCROPS OF THE PALEOZOIC ROCKS, NAVAJO AND HOPI INDIAN RESERVATIONS, ARIZONA, NEW MEXICO, AND UTAH

Base compiled from uncontrolled aerial photograph mosaics by the Bureau of Indian Affairs, during the 1930's. Later modifications by the U.S. Geological Survey

Geology from Cooley, Harshbarger, Akers, and Hardt (1969)

SCALE 1:500 000

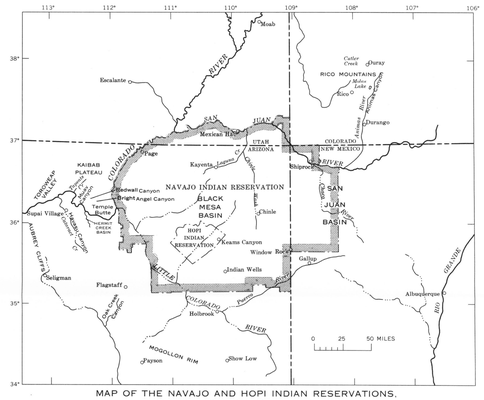
10 0 10 20 30 40 50 MILES

10 0 10 20 30 40 50 KILOMETERS

EXPLANATION

- Mesozoic and Cenozoic rocks
- Kaibab Limestone and Toroweap Formation
- Coconino Sandstone
- De Chelly Sandstone Member of the Cutler Formation
- De Chelly Sandstone
- Organ Rock Tongue, Cedar Mesa Sandstone Member, and Halgaito Tongue of the Cutler Formation undifferentiated
- Supai Formation
- Hermit Shale, Supai Formation, Redwall Limestone, Temple Butte Limestone, Muav Limestone, Bright Angel Shale, and Tapeats Sandstone undifferentiated
- Rico and Hermosa Formations undifferentiated
- Location of small outcrops of Precambrian rocks in Defiance Plateau
- Contact

PERMIAN
PENNSYLVANIAN
CARBONIFEROUS
CAMBRIAN TO PERMIAN



MAP OF THE NAVAJO AND HOPI INDIAN RESERVATIONS, SHOWING LOCATION OF THIS REPORT