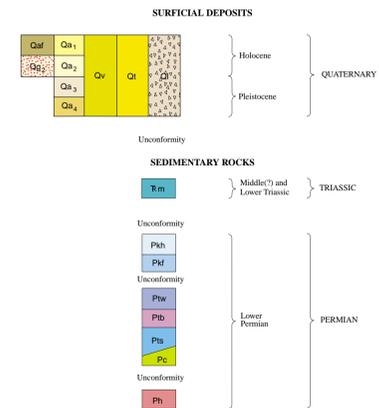


CORRELATION OF MAP UNITS

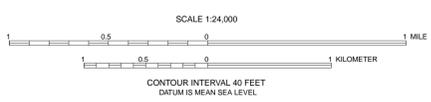
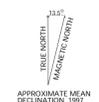


LIST OF MAP UNITS

- SURFICIAL DEPOSITS**
- Qaf Artificial fill and quarries (Holocene)
 - Qa1 Young alluvial fan deposits (Holocene)
 - Qv Valley-fill deposits (Holocene and Pleistocene)
 - Qt Talus deposits (Holocene and Pleistocene)
 - Qa2 Landslide deposits (Holocene and Pleistocene)
 - Qa3 Old terrace gravel deposits (Holocene and Pleistocene)
 - Qa4 Young intermediate alluvial fan deposits (Holocene and Pleistocene)
 - Qa5 Old intermediate alluvial fan deposits (Pleistocene)
 - Qa6 Old alluvial fan deposits (Pleistocene)
- SEDIMENTARY ROCKS**
- Tm Moenkopi Formation, undivided (Middle? and Lower Triassic)
 - Pkh Kaibab Formation (Lower Permian)
 - Pkf Harrisburg Member
 - Ptw Fossil Mountain Member
 - Ptb Torowap Formation (Lower Permian)
 - Pts Woods Ranch Member
 - Pc Brady Canyon Member
 - Ph Seligman Member
 - Ph Cocomino Sandstone (Lower Permian)
 - Ph Hermit Formation (Lower Permian)

- Contact—(Approximate contact between surficial units and between the Harrisburg and Fossil Mountain Members of the Kaibab Formation)
- Fault—Dashed where inferred or approximately located; dotted where concealed; bar and ball on downthrown side. Number is estimated fault separation in feet
- Folds—Trace of axial surface and direction of plunge; dashed where approximately located; dotted where concealed
- Monocline—Axial trace drawn approximately along steepest part of fold
- Syncline
- Strike and dip of beds
- Inclined—As indicated on aerial photos
- Inclined—As measured in the field
- Strike of vertical and subvertical joints
- Sinkhole
- Collapse structure (possible breccia pipe?)

Base from U.S. Geological Survey, 1:24000, Cane Quadrangle, 1988
Universal Transverse Mercator Projection
1927 North American Datum
Clark 1866 Ellipsoid, Zone 12



Geology mapped in 1999 by G.H. Billingsley
Digital database by J.L. Wellmeyer
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GEOLOGIC MAP OF THE CANE QUADRANGLE, COCONINO COUNTY, NORTHERN ARIZONA

By
George H. Billingsley and Jessica L. Wellmeyer

2001

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