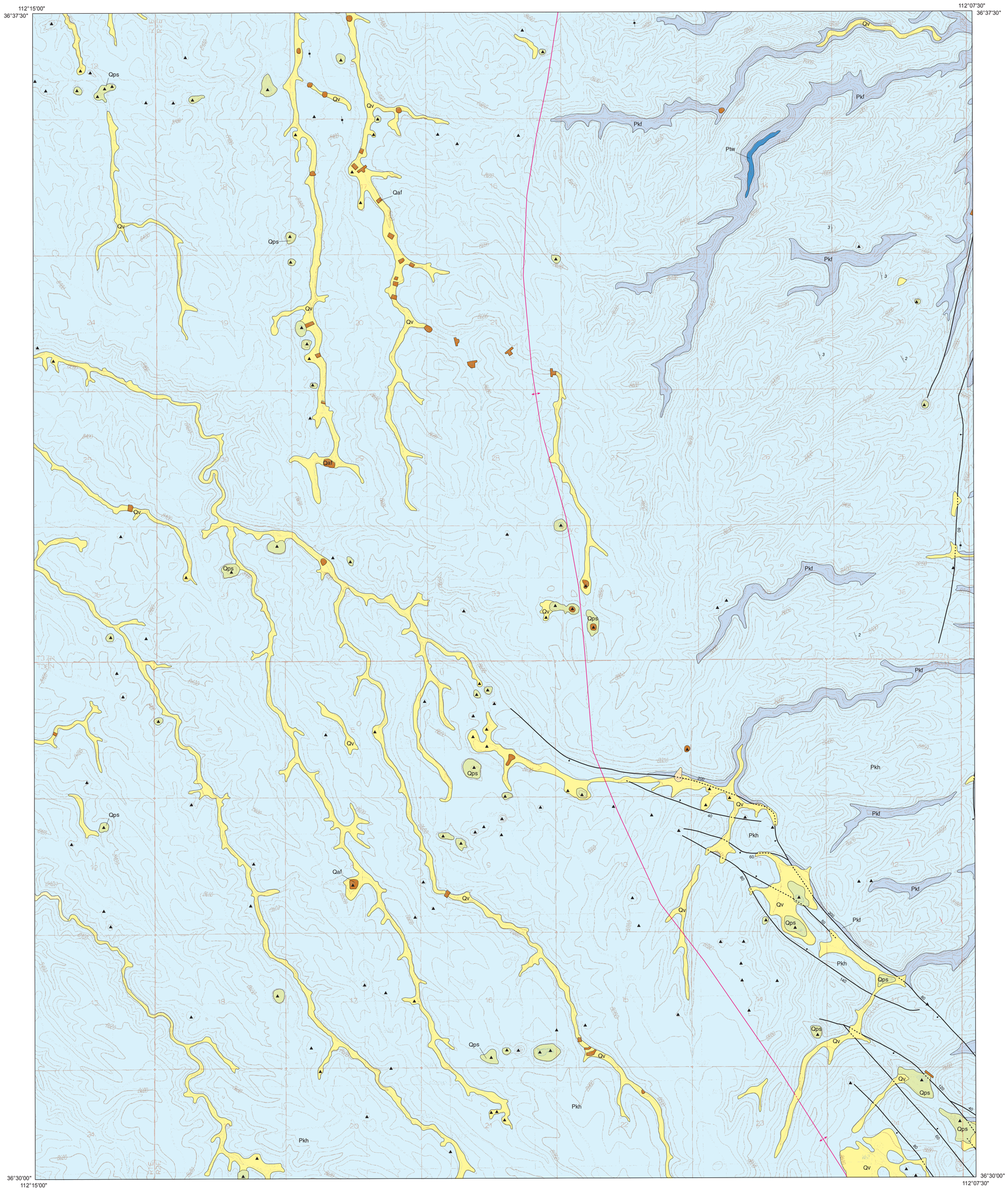
U.S. Department of the Interior
U.S. Geological Survey

Scientific Investigations Map 3035



LIST OF MAP UNITS

SURFICIAL DEPOSITS

- Qaf Artificial fill and quarries
- Qs Stream-channel deposits
- Qps Ponded sediments
- Qv Valley-fill deposits
- Qa1 Young alluvial fan deposits
- Qa2 Intermediate alluvial fan deposits

VOLCANIC ROCKS

SEDIMENTARY ROCKS

- Pkh Kaibab Formation, Harrisburg Member
- Pkf Kaibab Formation, Fossil Mountain Member
- Ptw Toroweap Formation, Woods Ranch Member

EXPLANATION

- Contact certain
- Fault certain; number is estimated offset in feet
- Fault concealed
- Anticline; dotted where concealed; arrows where plunging
- Strike and dip of beds
- Implied bedding
- Strike of vertical and subvertical joints
- Sinkhole

12°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 2005

SCALE 1:24,000
1 0.5 0 1 Miles
1 0.5 0 1 Kilometers

Derived from USGS SIM 3035, 2008
Geologic Map of the Fredonia 30' x 60' Quadrangle, Mohave and Coconino Counties, Northern Arizona
by George H. Billingsley, Susan S. Priest, and Tracey J. Felger
Legend may include map units or features outside quadrangle boundary

Telephone Hill