

**LIST OF MAP UNITS**

**SURFICIAL DEPOSITS**

- Qaf Artificial fill and quarries
- Qs Stream-channel deposits
- Qf Flood-plain deposits
- Qps Ponded sediments
- Qd Dune sand and sand sheet deposits
- Qae Young mixed alluvium and eolian deposits
- Qc Colluvial deposits
- Qv Valley-fill deposits
- Qg1 Young terrace-gravel deposits
- Qa1 Young alluvial fan deposits
- Qg2 Intermediate terrace-gravel deposits
- Qa2 Intermediate alluvial fan deposits
- Ql Landslide deposits

**VOLCANIC ROCKS**

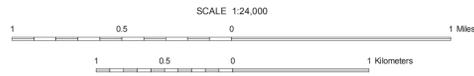
**SEDIMENTARY ROCKS**

- Tcs Chinle Formation, Shinarump Member
- Tmu Moenkopi Formation, upper red member
- Tms Moenkopi Formation, Shnabkaib Member
- Tmm Moenkopi Formation, middle red member
- Tmv Moenkopi Formation, Virgin Limestone Member
- Tml Moenkopi Formation, lower red member
- Pkh Kaibab Formation, Harrisburg Member

**EXPLANATION**

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

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN DECLINATION, 2005



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

**Wild Band Pockets**