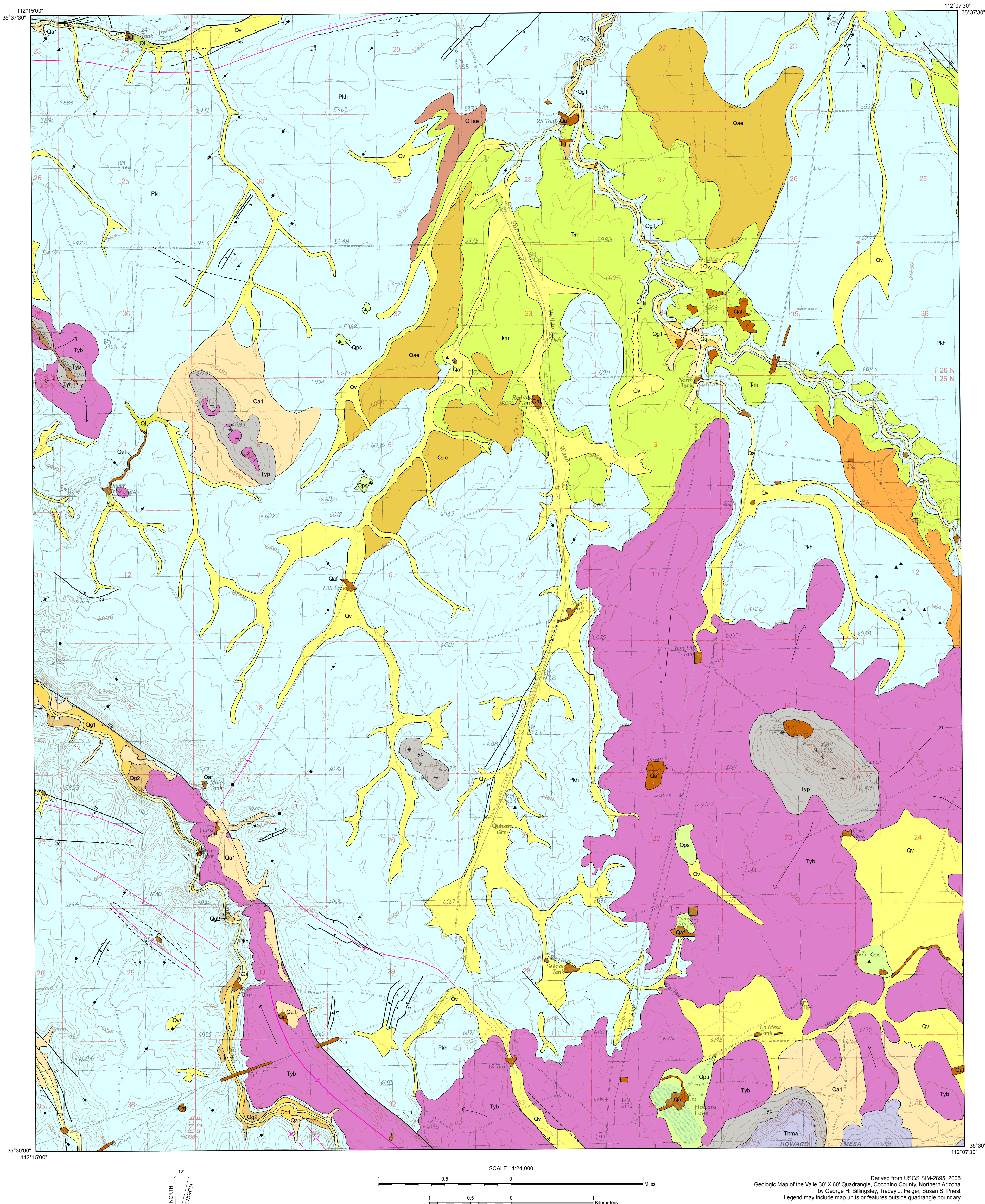




GEOLOGIC MAP OF THE HOWARD LAKE QUADRANGLE



LIST OF MAP UNITS

SURFICIAL DEPOSITS

- Qaf Artificial fill and quarries
- Qs Stream-channel deposits
- Qf Flood-plain deposits
- Qg1 Young terrace-gravel deposits
- Qa1 Young alluvial fan deposits
- Qg2 Intermediate terrace-gravel deposits
- Qps Pondered sediments
- Qae Young mixed alluvium and eolian deposits
- Qv Valley-fill deposits
- Qg3 Old terrace-gravel deposits
- QTae Old mixed alluvium and eolian deposits

VOLCANIC ROCKS

- Thma SFVF Andesite flows of Howard Mesa
- Tyi SFVF young intrusive rocks
- Typ SFVF young pyroclastic deposits
- Tyb SFVF young basalt flows

SEDIMENTARY ROCKS

- Tim Moenkopi Formation
- 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
- Strike and dip of beds
- Implied bedding
- Strike of vertical and subvertical joints
- Collapse structure
- Sinkhole
- Volcanic vent or pyroclastic cone
- Flow direction of basalt