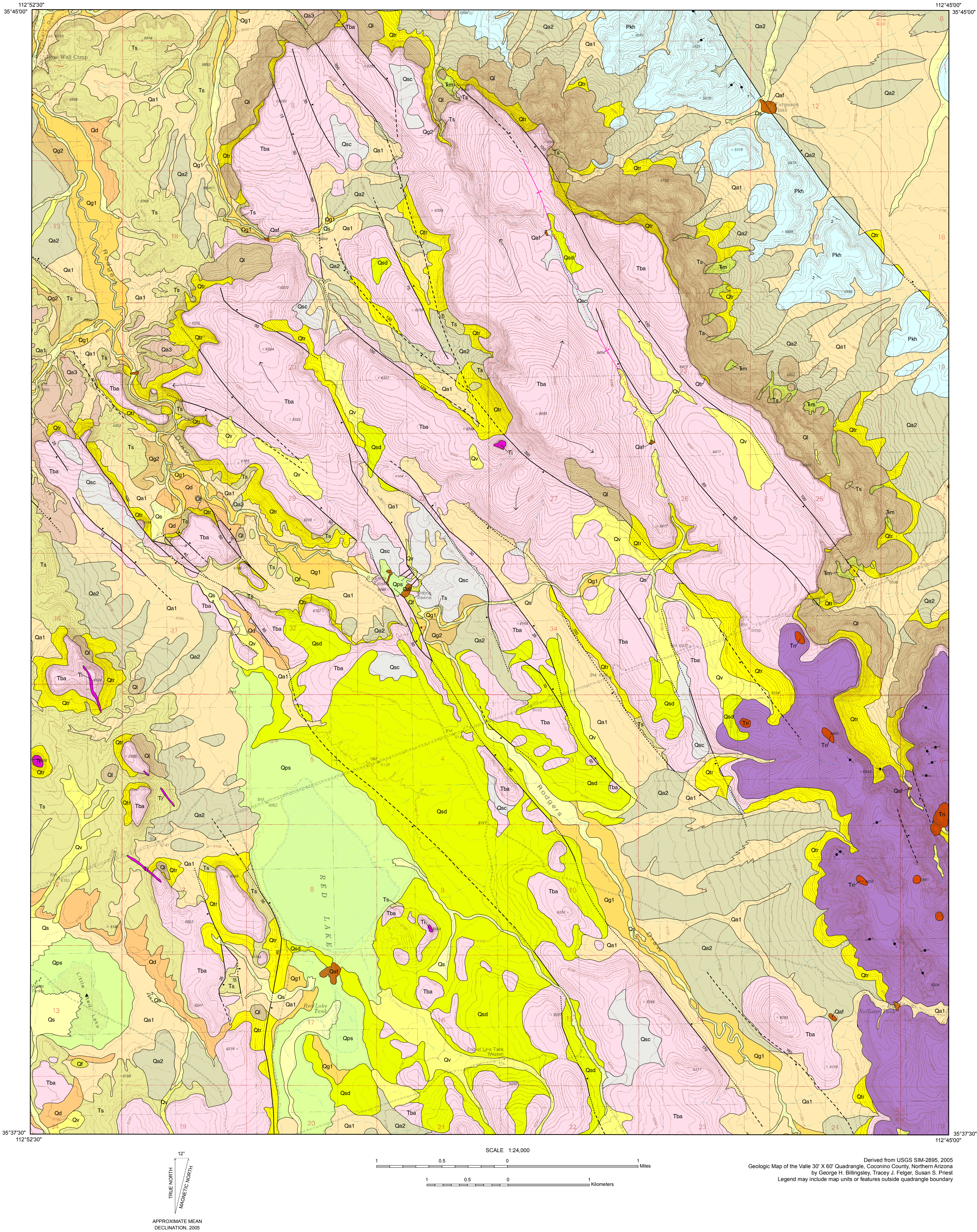




GEOLOGIC MAP OF THE ROSE WELL CAMP EAST QUADRANGLE



LIST OF MAP UNITS

SURFICIAL DEPOSITS

- Qaf Artificial fill and quarries
- Qs Stream-channel deposits
- Qf Flood-plain deposits
- Qd Dune sand and sand sheet deposits
- Qg1 Young terrace-gravel deposits
- Qa1 Young alluvial fan deposits
- Qg2 Intermediate terrace-gravel deposits
- Qa2 Intermediate alluvial fan deposits
- Qps Ponded sediments
- Qsc Eolian and fluvial silt deposits
- Qtr Talus and rock fall deposits
- Ql Landslide deposits
- Qsd Silt dune deposits
- Qv Valley-fill deposits
- Qa3 Old alluvial fan deposits

VOLCANIC ROCKS

- Tr1 MFVF rhyolite, rhyodacite, and obsidian dikes, necks and ve
- Tr MFVF rhyolite, rhyodacite, and obsidian flows
- Ti MFVF basalt and andesite dikes, plugs, and necks
- Tba MFVF basalt and andesite flows

SEDIMENTARY ROCKS

- Ts Sedimentary rocks
- Tm Moenkopi Formation
- Pkh Kaibab Formation Harrisburg Member

EXPLANATION

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