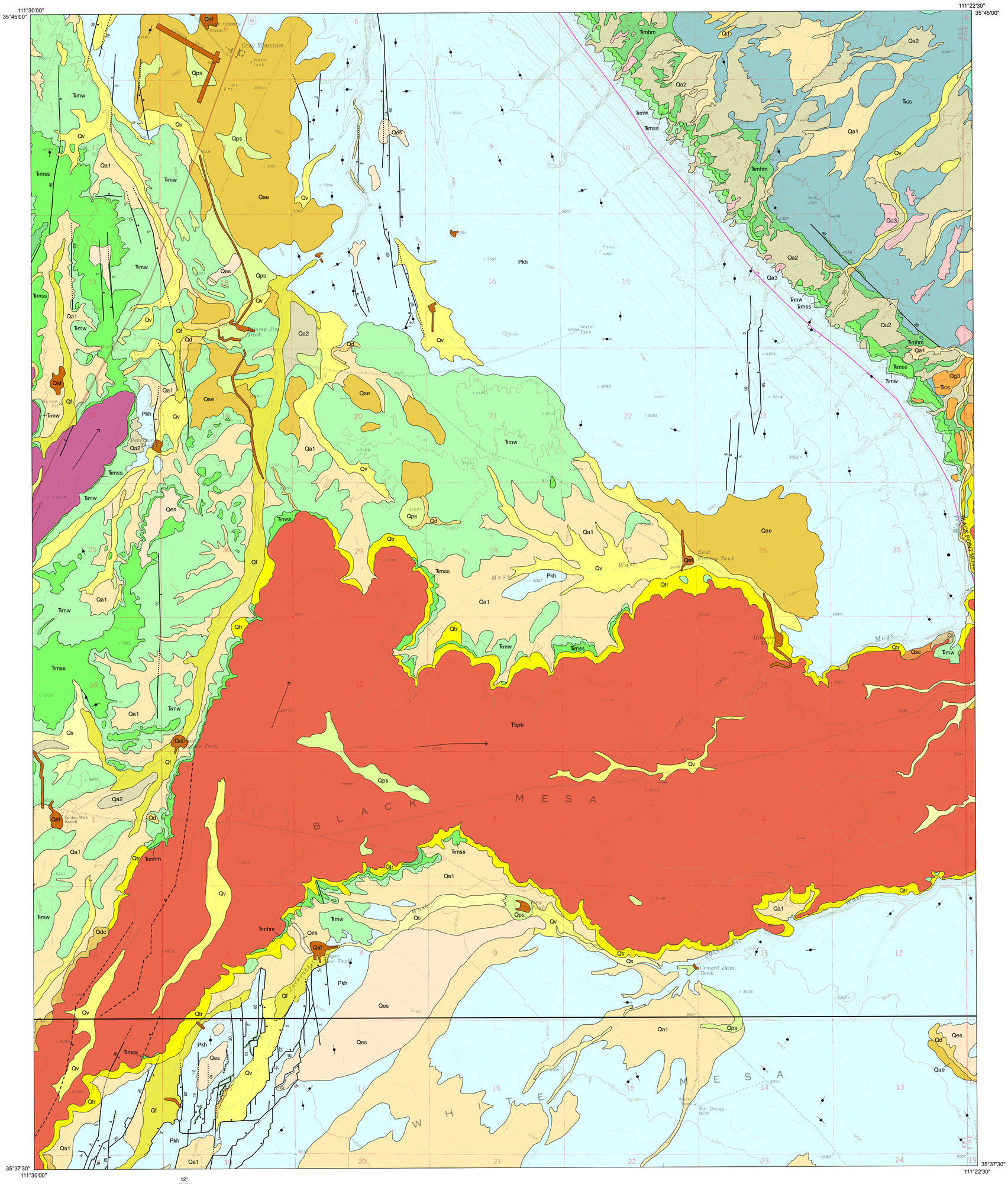
U.S. Department of the Interior
U.S. Geological Survey

Scientific Investigations Map 2977



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
- Qes — Young eolian 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
- Qae — Young mixed alluvium and eolian deposits
- Qdc — Eolian cinder dune deposits
- Qsc — Eolian cinder sand sheet deposits
- Qtr — Talus and rock fall deposits
- Ql — Landslide deposits
- Qv — Valley-fill deposits
- Qg3 — Old terrace-gravel deposits
- Qa3 — Old alluvial fan deposits
- QTg4 — Older terrace-gravel deposits

VOLCANIC ROCKS

- Qmlp — Basalt flow of Lava Point
- Tbpb — Black Point Basalt flows

SEDIMENTARY ROCKS

- Ꞧcp — Chinle Formation, Petrified Forest Member
- Ꞧcs — Chinle Formation, Shinarump member and sandstone and siltstone member, undivided
- Ꞧmhm — Moenkopi Formation, Holbrook and Moqui Members, undivided
- Ꞧmss — Moenkopi Formation, Shnabkaib Member and lower massive sandstone member, undivided
- Ꞧmw — Moenkopi Formation, Wupatki 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
- Implied bedding
- Strike of vertical and subvertical joints
- Collapse structure
- Flow direction of basalt
- Fracture
- Offset fracture

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 2977, 2007
Geologic Map of the Cameron 30' x 60' Quadrangle, Coconino County, Northern Arizona
by George H. Billingsley, Susan S. Priest, and Tracey J. Felger
Legend may include map units or features outside quadrangle boundary

Gray Mountain Quadrangle