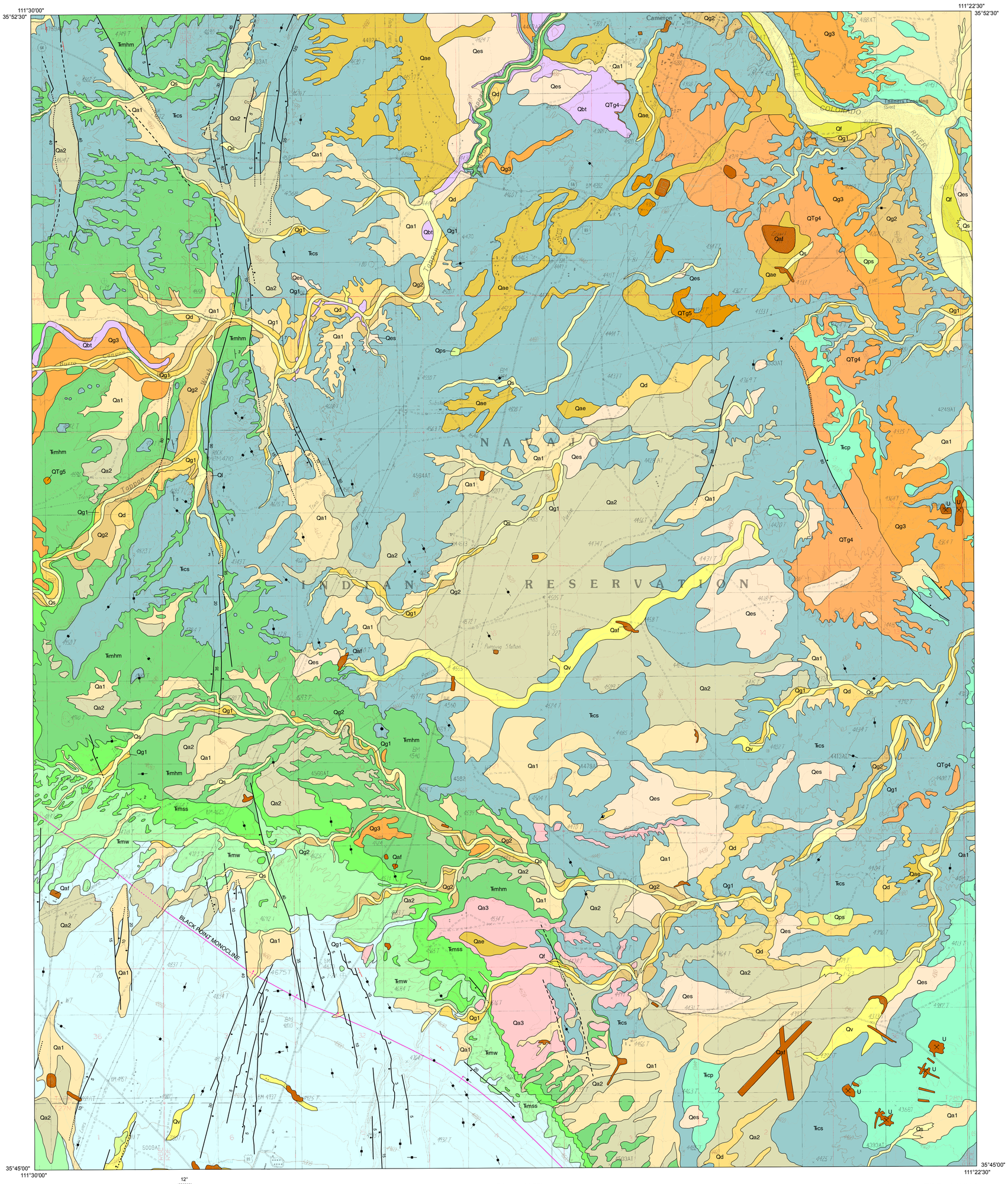
U.S. Department of the Interior
U.S. Geological Survey

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
Ql	Landslide deposits
Qv	Valley-fill deposits
Qg3	Old terrace-gravel deposits
Qa3	Old alluvial fan deposits
QTg4	Older terrace-gravel deposits
QTg5	Oldest terrace-gravel deposits

VOLCANIC ROCKS

Qbt	Basalt flow of Tappan Wash

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
- Syncline; dotted where concealed; arrows where plunging
- Monocline; dotted where concealed
- Strike and dip of beds
- Implied bedding
- Strike of vertical and subvertical joints
- Collapse structure
- Sinkhole
- Mine; CU-copper, U-uranium

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

Cameron South Quadrangle