SURFICIAL GEOLOGIC MAPS AND GEOLOGIC HAZARDS OF THE AMADO-TUBAC AREA, SANTA CRUZ AND SOUTHERN PIMA COUNTIES, ARIZONA

Plate 1 - Amado 7.5' Quadrangle

November, 2001

By
Ann Youberg and Walter R. Helmick

Arizona Geological Survey Digital Geologic Map 13

citation for this map:
Youberg, A., and Helmick, W R., 2001 Surficial geologic maps and geologic hazards of the Amado-Tubac Area, Santa Cruz and Pima Counties, Arizona: Tucson, Arizona Geological Survey Digital Geologic Map 13 (DGM-13), scale 1:24,000 (2 sheets), with 17 pages of text.

Research supported by the Arizona Geological Survey and the U.S. Geological Survey, National Cooperative Geologic Mapping Program, under USGS award #00HQAG0149. The view and conclusions contained in this document are those of the author and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. Government.

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MAP EXPLANATION

Geology Map Units

River Deposits

- Qyc_r Modern river channel deposits (<150 Years)
- Qy_r Holocene floodplain and terrace deposits, undifferentiated (<10 ka)
- Qly_r Holocene to Late Pleistocene terrace deposits (<130 ka)
- Ql_r Late Pleistocene terrace deposits (~10 to 130 ka)
- Qm_r Middle Pleistocene terrace deposits (~130 to 500 ka)
- Qo_r Early Pleistocen terrace deposits (~1 to 2 Ma)

Piedmont Alluvium

- Qy_2 Late Holocene alluvium (<2 ka)
- Qy_1 Holocene alluvium (~2 to 10 ka)
- Qy Undifferentiated Holocene alluvium (<10 ka)
- Qly Holocene to Late Pleistocene alluvium (<130 ka)
- Ql Late Pleistocene alluvium (~10 to 130 ka)
  - Ql_2 Latest Pleistocene member (~10 to 20 ka)
  - Ql_1 Late Pleistocene member (~75 to 130 ka)
- Qm Middle Pleistocene alluvium (~130 to 500 ka)
- Qo Early Pleistocene alluvium (~1 to 2 Ma)
- QTs Early Pleistocene to Pliocene alluvium (~1 to 5 Ma)

Other Units

- Qc Holocene and Pleistocene hillslope colluvium
- R Bedrock, undifferentiated

Geologic Contacts

- Depositional contact (solid where accurate, dashed where approximate)
- Normal fault (solid where accurate, D on the downthrown side; dashed where approximate; queried where uncertain)

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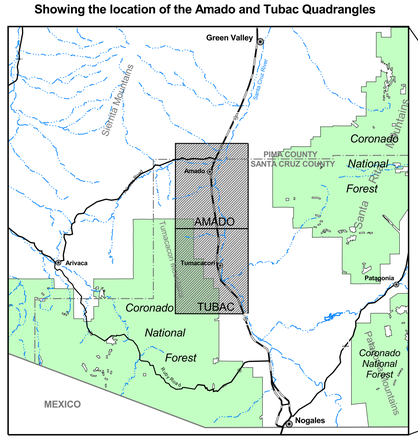
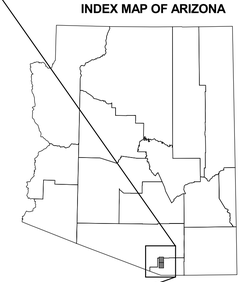
MAP OF THE AMADO-TUBAC AREA
Showing the location of the Amado and Tubac Quadrangles

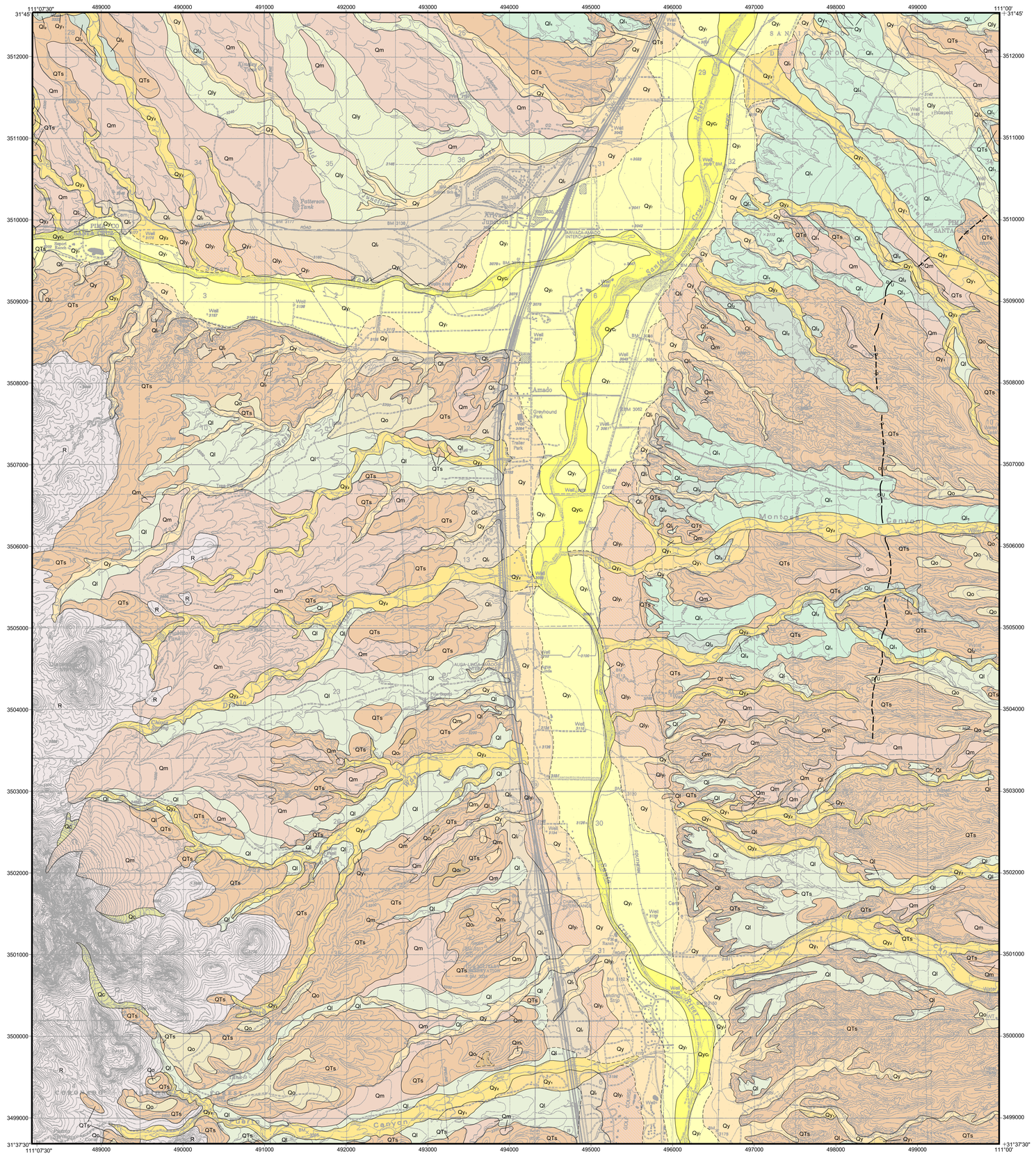


INDEX MAP OF ARIZONA



LAYOUT SCALE 1:24,000

1 0 1 Miles

1000 0 1000 2000 3000 4000 5000 6000 7000 Feet

1 0 1 Kilometers