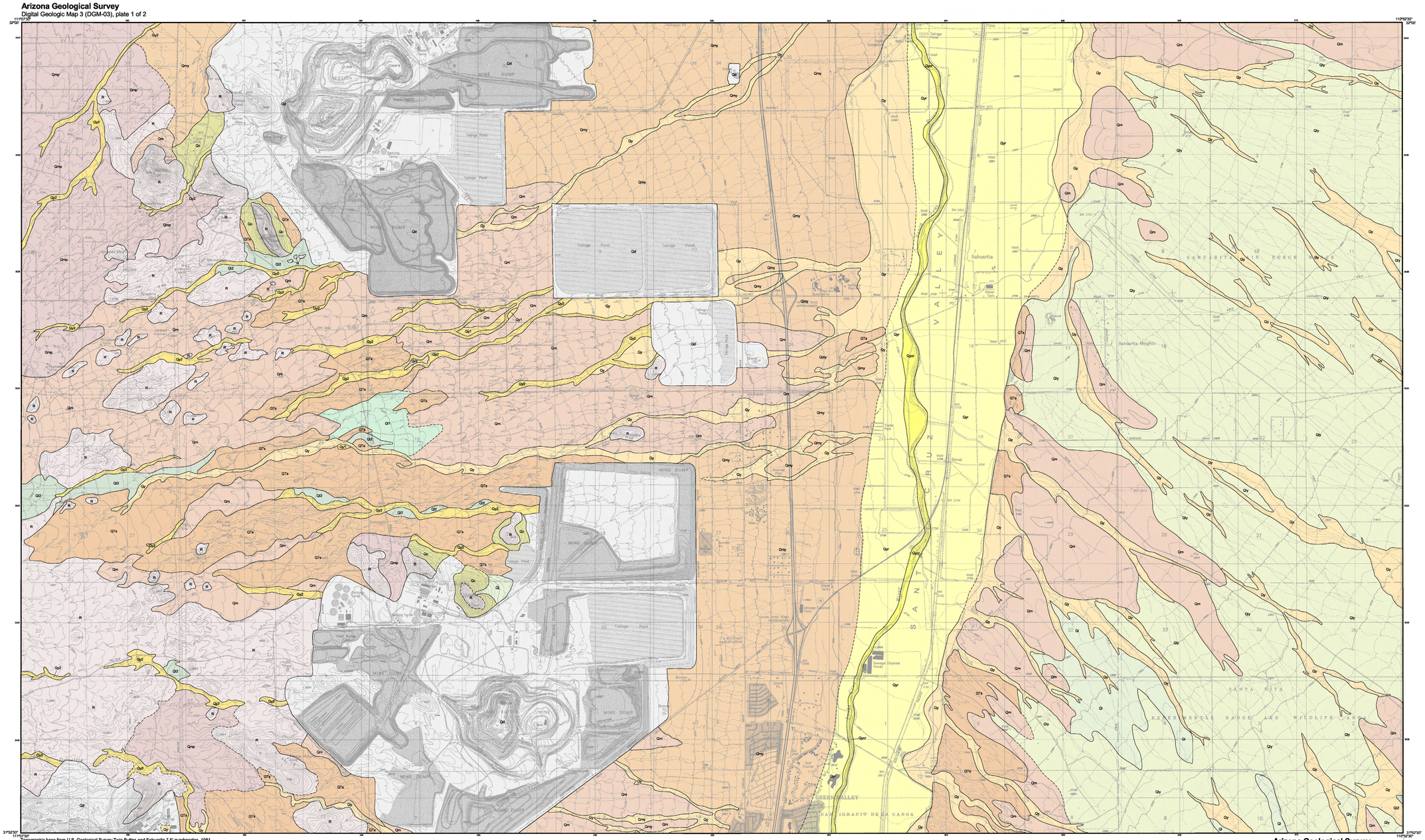

Topographic base from U.S. Geological Survey Twin Buttes and Sahuarita 7.5' quadrangles, 1981

Arizona Geological Survey
Digital Geologic Map 3 (DGM-03), plate 1 of 2

Surficial Geologic Map of the Green Valley - Sahuarita Area, Pima County, Arizona

Plate 1 - Twin Buttes and Sahuarita 7.5' Quadrangles

by
Philip A. Pearthree and Ann Youberg

October 2000

Arizona Geological Survey Digital Geologic Map 3

geology described in:
Pearthree, P.A., and Youberg, Ann, 2000, Surficial geologic map and geologic hazards of the Green Valley - Sahuarita area, Pima County, Arizona: Tucson, Arizona Geological Survey Open-File Report 00-13 (OFR 00-13), 21 p., 2 plates, scale 1:24,000.

digital cartography by
Tim R. Orr

citation for this map:
Pearthree, P.A., and Youberg, Ann, 2000, Surficial geologic map of the Green Valley - Sahuarita area, Pima County, Arizona: Tucson, Arizona Geological Survey Digital Geologic Map 3 (DGM-03), 1 Adobe PDF file (2 plates), layout scale 1:24,000.

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MAP EXPLANATION

Geologic Map Units

Piedmont Alluvium

- Qyd — late Holocene alluvium
- Qy1 — Holocene alluvium
- Qy — undifferentiated Holocene alluvium
- Qly — Holocene to late Pleistocene alluvium
- Ql — late Pleistocene alluvium
- Ql2 — latest Pleistocene member
- Ql1 — late Pleistocene member
- Qmy — Holocene to middle Pleistocene alluvium
- Qm — middle Pleistocene alluvium
- QTs — early Pleistocene to Pliocene alluvium

River Deposits

- Qyr — modern river channel deposits
- Qpr — Holocene floodplain and terrace deposits

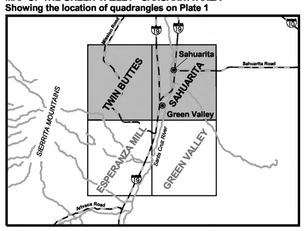
Other Units

- Qc — Holocene and Pleistocene hillslope colluvium
- Qd — Disturbed; Mines
- R — undifferentiated Bedrock

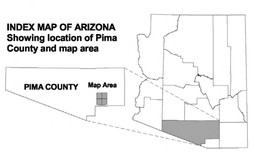
Geologic Contacts

- depositional contact (solid where accurate; dashed where approximate

MAP OF THE GREEN VALLEY - SAHUARITA AREA
Showing the location of quadrangles on Plate 1



INDEX MAP OF ARIZONA
Showing location of Pima County and map area



1 0 1 Mile

1000 0 1000 2000 3000 4000 5000 6000 7000 Feet

1 0 1 Kilometers