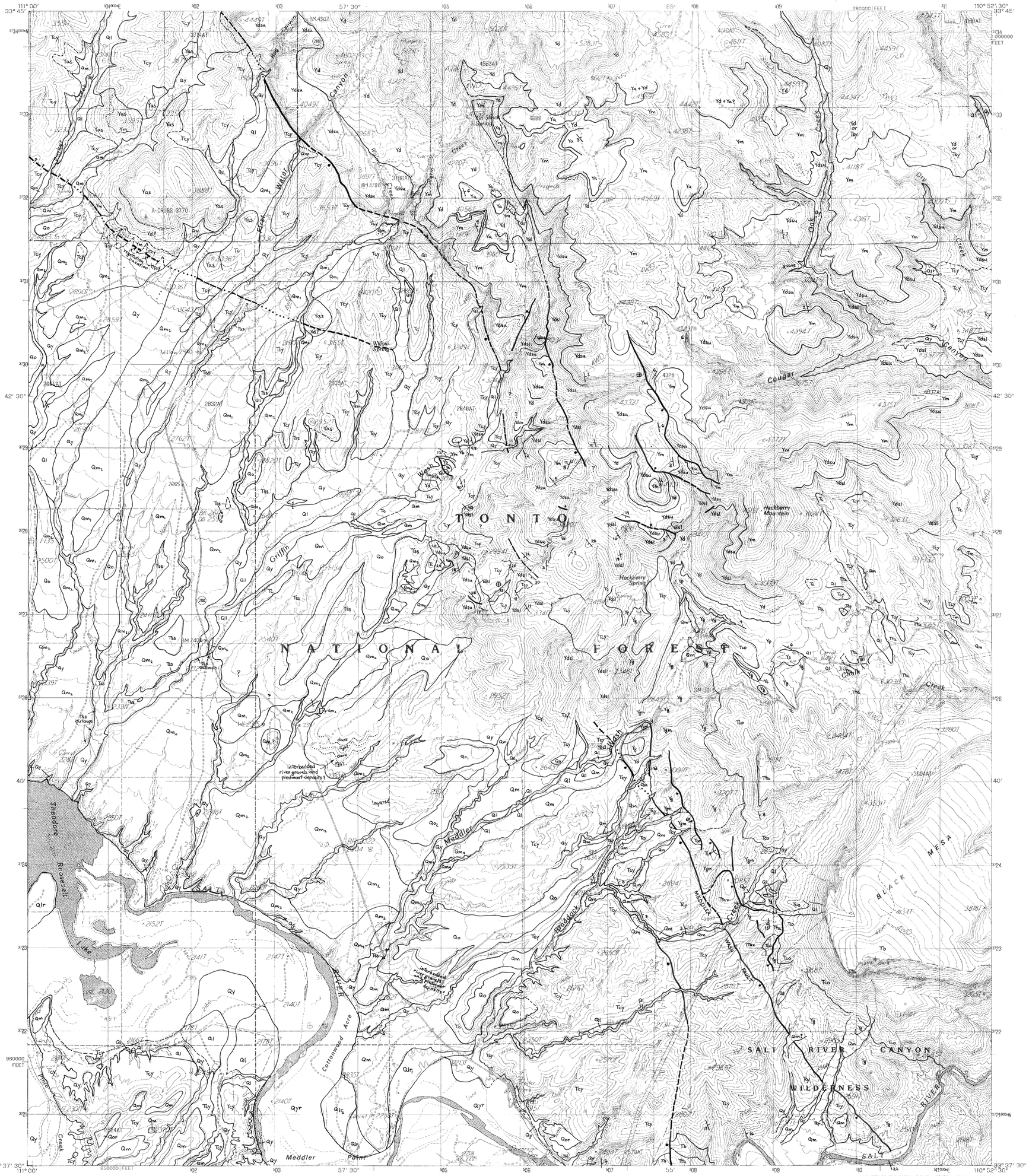
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MEDDLER WASH QUADRANGLE
ARIZONA-GILA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Preliminary Geologic Map of the Meddler Wash 7 ½′ Quadrangle, Gila County, Arizona

by

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Arizona Geological Survey Open-File Report 03-04

Arizona Geological Survey
416 W. Congress St., suite 100
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Sheet 1 of 1, scale 1:24,000

Quaternary Deposits

Piedmont Deposits

Qy	Holocene alluvium (<10 ka)
Ql	Late Pleistocene alluvium, undivided (10 to 250 ka)
Ql_2	Late Pleistocene alluvium (10 to 250 ka)
Ql_1	Late Pleistocene alluvium (10 to 250 ka)
Qm	Middle Pleistocene alluvium, undivided (250 to 750 ka)
Qm_4	Middle Pleistocene alluvium, fourth member
Qm_3	Middle Pleistocene alluvium, third member
Qm_2	Middle Pleistocene alluvium, second member
Qm_1	Middle Pleistocene alluvium, first member
Qo	Early Pleistocene alluvium, undivided (750 ka to 2 Ma)
Qo_2	Early Pleistocene alluvium, younger member
Qo_1	Early Pleistocene alluvium, older member

Major River Deposits

Qyr	Holocene river terrace deposits (0 to 10 ka)
Qlr_2	Late Pleistocene river terrace deposits, younger member (10 to 250 ka)
Qlr_1	Late Pleistocene river terrace deposits, older member
Qmr	Middle Pleistocene river terrace deposits (~400 to 750 ka)
Qor	Early Pleistocene river terrace deposits (750 ka to 2 Ma)

Tertiary Rocks

Tcy	Younger basin-fill conglomerate
Tss	Sandstone, siltstone and marl in the Tonto Basin
Tm	Sandstone, siltstone and marl near Black Mesa
Tb	Basalt
Ttax	Brecciated Apache Leap Tuff
Tta	Apache Leap Tuff (welded ash-flow tuff)
Tco	Older conglomerate

Proterozoic Rocks

Yd	Diabase
Yb	Basalt
Ya	Argillite
Yas	Apache Group and diabase, undivided
Ym	Mescal Limestone
Ydsu	Dripping Spring Quartzite, upper member
Ydsl	Dripping Spring Quartzite, lower member
Yp	Pioneer Formation
Ys	Scanlan Conglomerate member of the Pioneer Formation
Ygm	Medium- to fine-grained granite
Yg	Coarse-grained granite

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1983 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 12
10,000-FOOT STATE GRID TICKS ..... ARIZONA, EAST ZONE
UTM GRID DECLINATION ..... 0°02′ EAST
1986 MAGNETIC NORTH DECLINATION ..... 12°30′ EAST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 62 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Where omitted, land lines have not been established
All marginal data and lettering generated and positioned by automated type placement procedures

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND

Improved Road
Unimproved Road
Trail

Interstate Route U.S. Route State Route

MEDDLER WASH, ARIZONA
PROVISIONAL EDITION 1986

33110-F8-TF-024