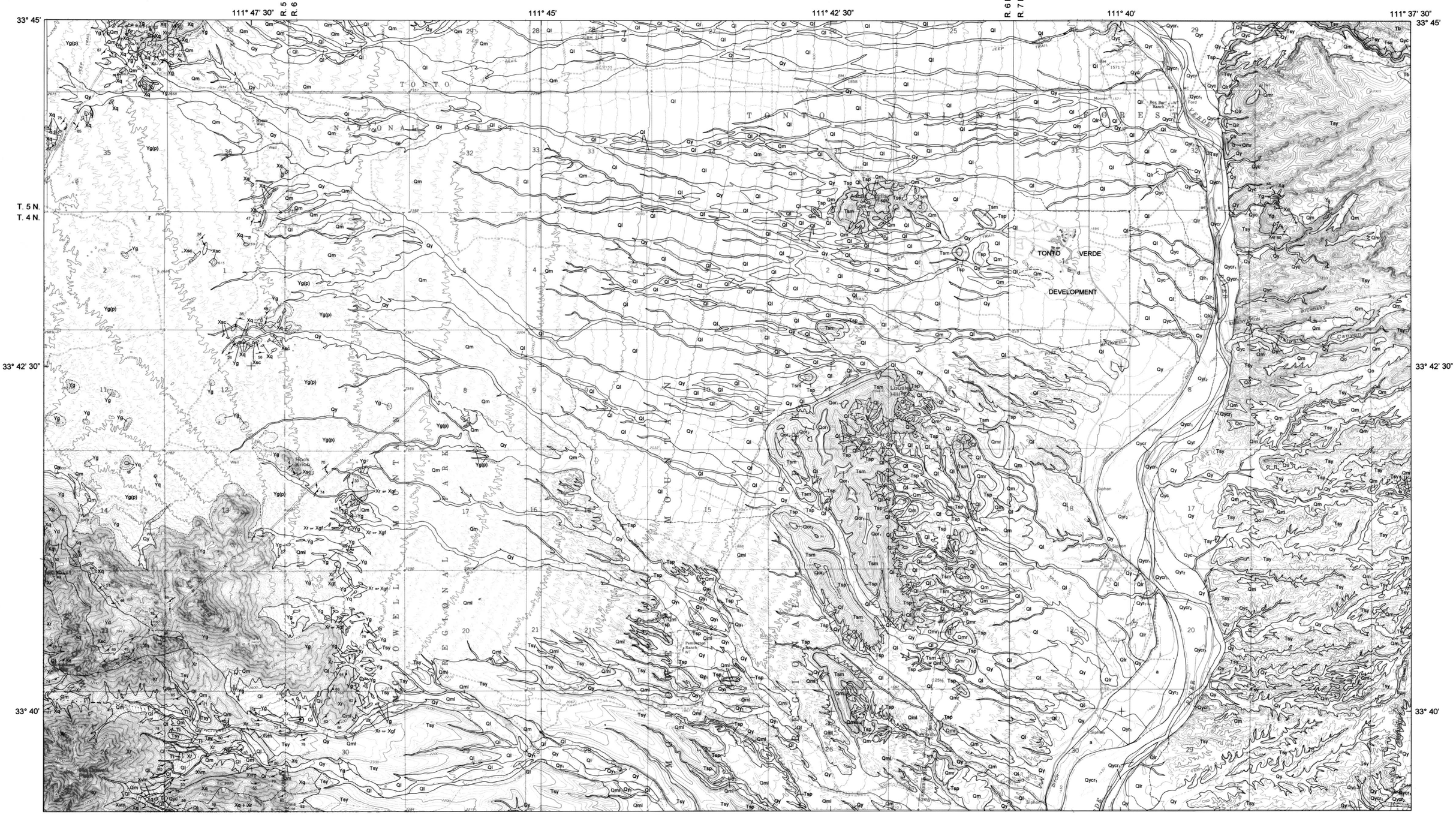

Geologic Map of portions of the Fort McDowell and McDowell Peak Quadrangles, Maricopa County, Arizona

by
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August, 1996

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SCALE 1:24,000

1 5 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

TOPOGRAPHIC CONTOUR INTERVAL 20 FEET

N
MN
12.5°

UNIT DESCRIPTIONS

Quaternary Deposits

Anthropogenic Deposits

a	Agricultural fields
d	Disturbed or modified by man

Piedmont Deposits

Qyc	Modern alluvium (<100 yr)
Qy	Holocene alluvium (<10 ka)
Qy_1	Early Holocene alluvium
Ql	Late Pleistocene alluvium (10 to 250 ka)
Qml	Middle and Late Pleistocene alluvium, undivided (10 to 750 ka)
Qm	Middle Pleistocene alluvium (250 to 750 ka)
Qo	Early Pleistocene alluvium (750 ka to 2 Ma)

Major River Deposits

$Qycr_2$	Active channel deposits
$Qycr_1$	Modern flood plain deposits (0 to 100 yrs)
Qyr	Holocene river terrace deposits (0 to 10 ka)--Lehi terrace
Qyr_2	Younger member of the Lehi terrace
Qyr_1	Older member of the Lehi terrace
Qlr	Late Pleistocene river terrace deposits (10 to 250 ka)--Blue Point terrace
Qlr_2	Younger member of the Blue Point terrace
Qlr_1	Older member of the Blue Point terrace
Qmr	Middle Pleistocene river terrace deposits (~400 to 750 ka)--Mesa terrace
Qmr_2	Younger member of the Mesa terrace
Qmr_1	Older member of the Mesa terrace
Qor	Early Pleistocene river terrace deposits (750 ka to 2 Ma)--Sawik terrace
Qor_2	Younger member of the Sawik terrace
Qor_1	Older member of the Sawik terrace

Late Tertiary Deposits

Tsy	Younger sedimentary basin-fill deposits
Tsm	Middle sedimentary deposits
Tsp	Pemberton formation

Middle Tertiary Units

Tb	Basalt
Ti	Felsic hypabyssal intrusive rock

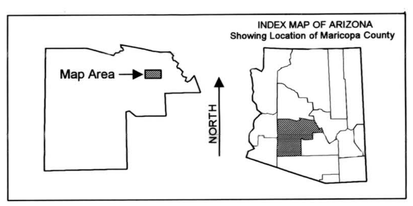
Proterozoic Intrusive Rocks

Yg	Granite
Yg(p)	Granite pediment
Yd	Diorite

Proterozoic Metamorphic Rocks

Xsc	Sillimanite schist
Xvm	Mafic volcanic rocks
Xq	Quartzite
Xrq	Rhyolite and quartzite
Xr	Rhyolite
Xs	Greywacke

MAP SYMBOLS

- metamorphic foliation in plutonic rocks, with lineation
- bedding
- anticline
- mylonitic shear zone

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