

GEOLOGIC MAP OF MARICOPA COUNTY, ARIZONA

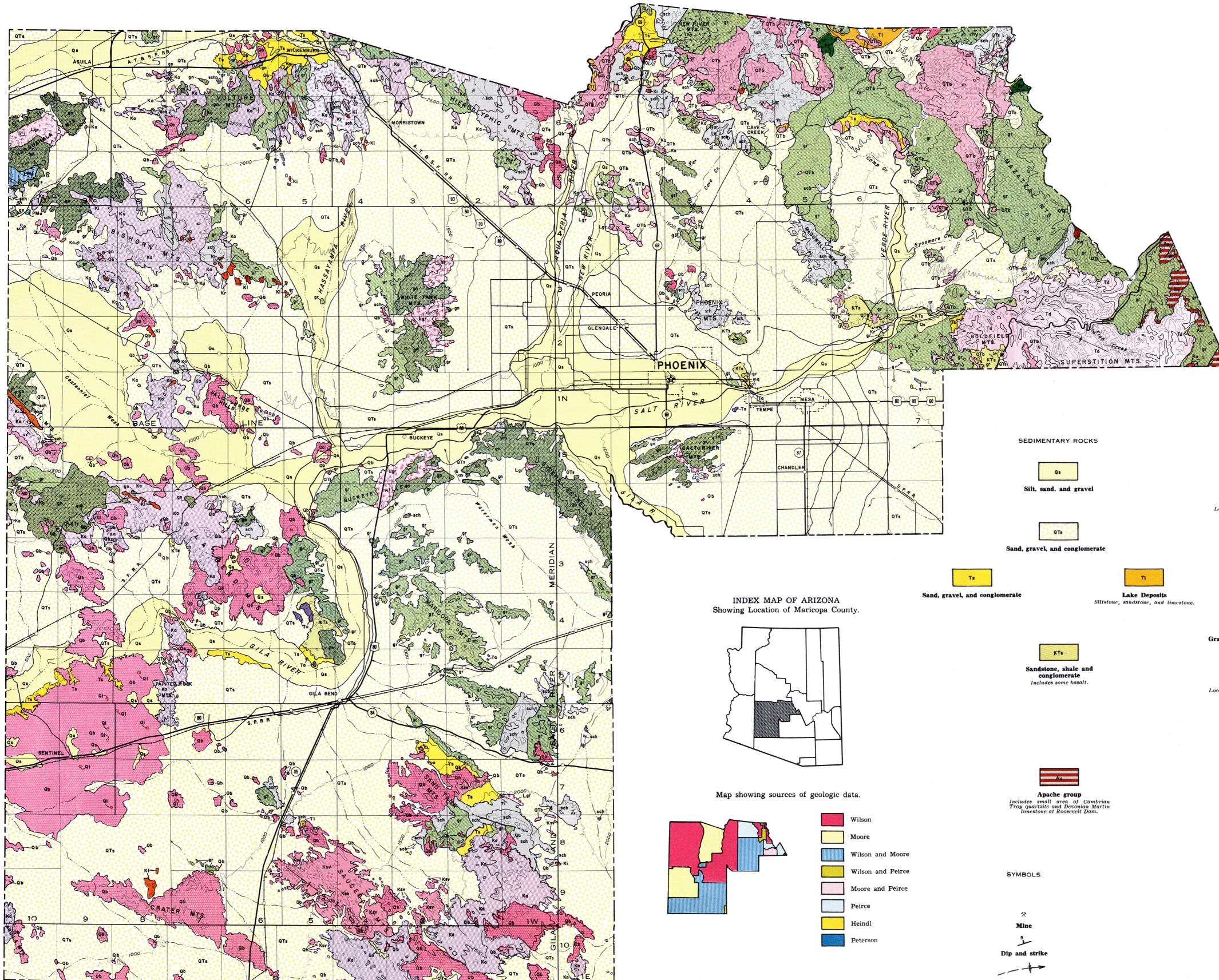
PREPARED BY THE
ARIZONA BUREAU OF MINES
UNIVERSITY OF ARIZONA
TUCSON, ARIZONA

BY
Eldred D. Wilson, Richard T. Moore, and H. Wesley Peirce with
additional data from maps by L. A. Heindl and D. W. Peterson,
U. S. Geological Survey.
Base materials furnished by U. S. Geological Survey.

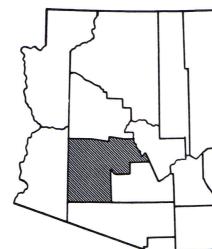
Scale $\frac{1}{50,000}$



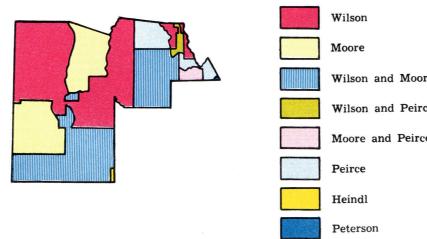
Contour interval 500 feet
datum is mean sea level
1957



INDEX MAP OF ARIZONA
Showing Location of Maricopa County.



Map showing sources of geologic data.



EXPLANATION

SEDIMENTARY ROCKS

- Qs**
Silt, sand, and gravel
- Qtz**
Sand, gravel, and conglomerate
- Ts**
Sand, gravel, and conglomerate
- Kt**
Sandstone, shale and conglomerate
Includes some basalt.

- Tl**
Lake Deposits
Siltstone, sandstone, and limestone.

- Ka**
Andesite
Locally includes tuff and agglomerate.

- A**
Apache group
Includes small area of Cambrian Troy quartzite and Devonian Martin limestone at Roosevelt Dam.

SYMBOLS

- Mine
- Dip and strike
- Syncline
- Anticline

IGNEOUS ROCKS

- Qb**
Basalt
Locally includes tuff and gravel.
- Qtb**
Basalt
Locally includes tuff and gravel.

- Ta**
Andesite

- Kr**
Granite and related crystalline rocks

- Ka**
Andesite
Locally includes tuff and agglomerate.

- Kr**
Rhyolite

- Gr**
Granite and related crystalline rocks

- Dp**
Diorite porphyry

- Rr**
Red Rock rhyolite

METAMORPHIC ROCKS

- Ql**
Dikes and plugs
Mainly basaltic in composition.

- Qtb**
Basalt
Locally includes tuff and gravel.

- Td**
Dacite
Includes dacite tuff and agglomerate.

- Kl**
Dikes and plugs
Rhyolitic to andesitic in composition.

- Kev**
Sauceda volcanics
Includes rhyolite, latite, and andesite. Locally contains volcanic glass.

- Pku**
Shale, quartzite, and limestone

- Qz**
Mazatzal quartzite

- Sch**
Schist
Locally includes diorite, rhyolite, and greenstone.

- Gr**
Greenstone
Predominantly altered volcanics.

- Gn**
Granite gneiss

QUATERNARY

TERTIARY

LARAMIDE

CRETACEOUS

PALEOZOIC AND MESOZOIC
UNDIVIDED

YOUNGER PRECAMBRIAN

OLDER PRECAMBRIAN