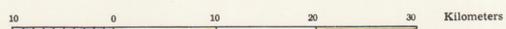


GEOLOGIC MAP OF GILA COUNTY, ARIZONA

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

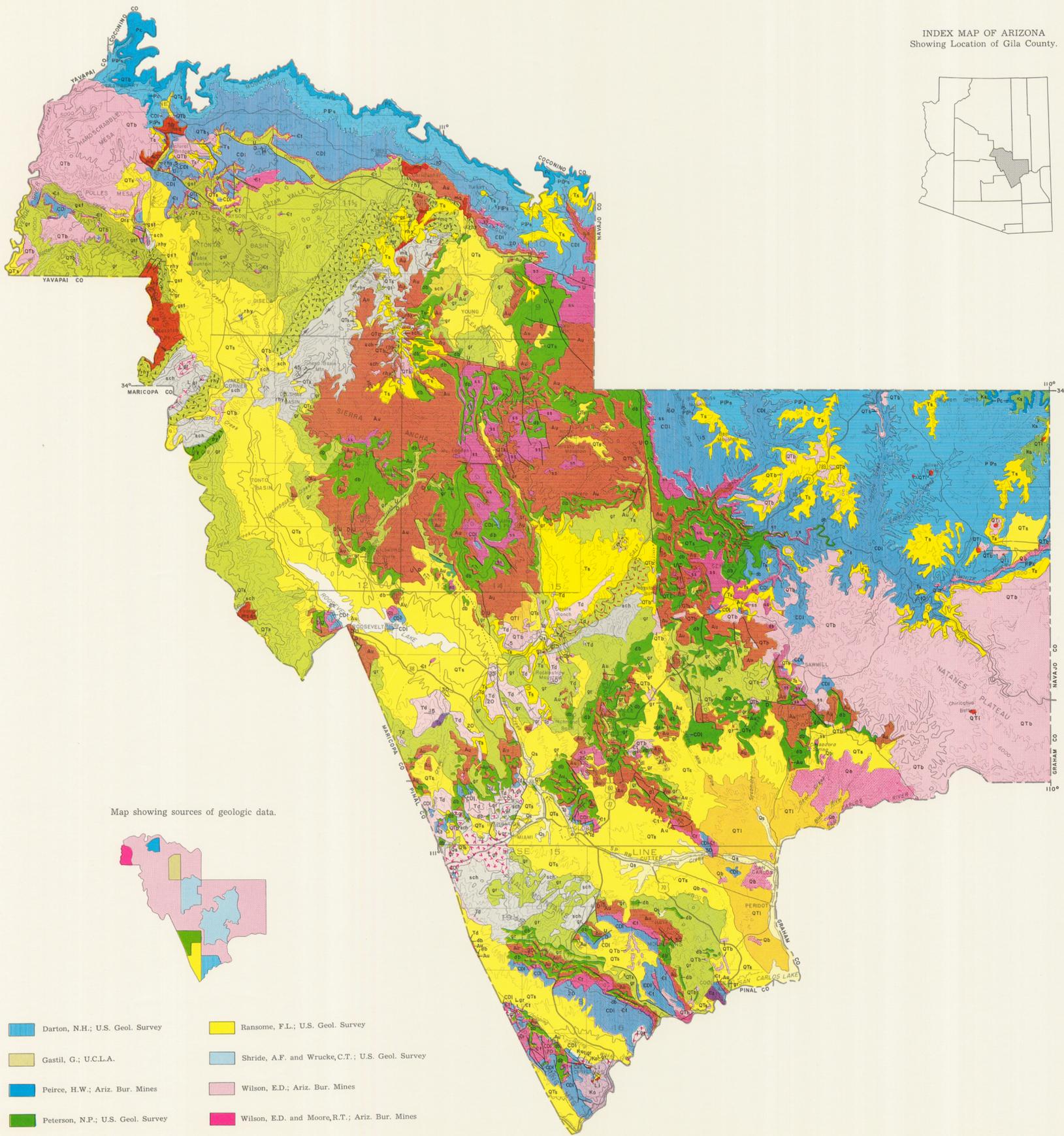
BY
Eldred D. Wilson, Richard T. Moore, and H. Wesley Peirce, Arizona
Bureau of Mines, with additional data by N.H. Darton, N.P. Peterson,
F.L. Ransome, and A.F. Shride and C.T. Wrucke, U.S. Geol.
Survey, and G. Gastil, U. of Cal., L.A.
Base materials furnished by U.S. Geological Survey.

Scale $\frac{1}{375,000}$

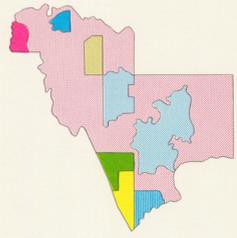


Contour interval 500 feet
datum is mean sea level
1959

INDEX MAP OF ARIZONA
Showing Location of Gila County.



Map showing sources of geologic data.



- Darton, N.H.; U.S. Geol. Survey
- Ransome, F.L.; U.S. Geol. Survey
- Gastil, G.; U.C.L.A.
- Shride, A.F. and Wrucke, C.T.; U.S. Geol. Survey
- Peirce, H.W.; Ariz. Bur. Mines
- Wilson, E.D.; Ariz. Bur. Mines
- Peterson, N.P.; U.S. Geol. Survey
- Wilson, E.D. and Moore, R.T.; Ariz. Bur. Mines

EXPLANATION

<p>SEDIMENTARY ROCKS</p> <p> Silt, sand, and gravel</p> <p> Gravel, sand, and silt</p> <p> Lake Deposits <i>Siltstone, sandstone, and limestone</i></p> <p> Gravel, sand, and conglomerate</p> <p> Sandstone</p> <p> Cocconino sandstone</p> <p> Supai formation <i>Includes sandstone and shale</i></p> <p> Limestone, shale, and sandstone <i>Includes Pennsylvanian Niaco formation, Mississippian Redwall limestone, and Devonian limestone and sandstone</i></p> <p> Sandstone and quartzite <i>Includes Tapeats sandstone and Frey quartzite</i></p> <p> Apache group <i>Mescal limestone, Dripping Spring quartzite, Barnes conglomerate, Pioneer shale, and Sossion conglomerate.</i></p> <p>METAMORPHIC ROCKS</p> <p> Mazatzil quartzite <i>Includes Dendron quartzite and Maverick shale</i></p> <p> Schist <i>Metamorphosed sediments and volcanics</i></p> <p> Greenstone <i>Altered volcanics and intrusive masses</i></p>	<p>IGNEOUS ROCKS</p> <p> Basalt <i>Locally includes tuff and gravel</i></p> <p> Basalt <i>Locally includes tuff and agglomerate</i></p> <p> Dikes and plugs <i>Mainly andesitic to basaltic in composition</i></p> <p> Dacite <i>Includes dacite tuff and agglomerate</i></p> <p> Andesite <i>Includes tuff and agglomerate</i></p> <p> Granite and related crystalline intrusive rocks</p> <p> Dikes and plugs <i>Granitic to dioritic in composition</i></p> <p> Andesite <i>Flows, tuff, and agglomerate</i></p> <p> Diabase</p> <p> Granite and related crystalline intrusive rocks</p> <p> Diorite porphyry</p> <p> Pyroxenite</p> <p> Rhyolite <i>Includes extrusive and intrusive material</i></p>
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- SYMBOLS**
- Contact, showing dip
 - Fault, showing dip
Dashed where approximately located
U, upthrown side; D, downthrown side
 - Thrust fault (T, upper plate)
 - Axis of anticline
 - Axis of syncline
 - Strike and dip of beds
 - Strike of vertical beds
 - Mine

YOUNGER PRECAMBRIAN,
CAMBRIAN AND DEVONIAN
UNDIVIDED

YOUNGER PRECAMBRIAN
TERTIARY

QUATERNARY
TERTIARY
PERMIAN CRETACEOUS
CARBONIFEROUS AND DEVONIAN
YOUNGER CAMBRIAN
CAMBRIAN AND DEVONIAN
PRECAMBRIAN
OLDER PRECAMBRIAN
LARAMIDE