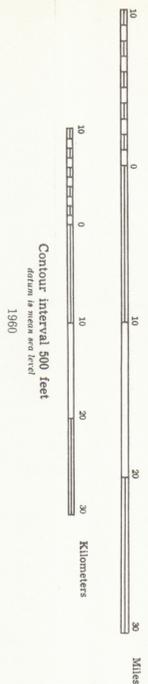


GEOLOGIC MAP OF YUMA COUNTY, ARIZONA

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

Eldred D. Wilson
Scale 1:50,000



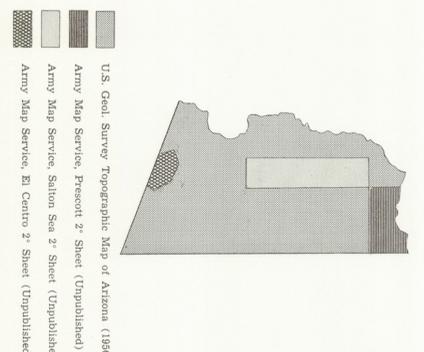
EXPLANATION

Q ₁ Sand, silt, and gravel	Q ₂ Rhyolite <i>Flow, tuff, and agglomerate</i>	Q ₃ Basalt <i>Flow, tuff, and agglomerate</i>
Q ₁₁ Sand, silt, gravel, and conglomerate	Q ₁₂ Basalt <i>Flow, tuff, and agglomerate</i>	Q ₁₃ Dikes and plugs <i>Rhyolite to basaltic in composition</i>
T ₁ Lake beds <i>Includes limestone, sand, and sandstone</i>	T ₂ Andesite <i>Flow, dike, plug, tuff, and agglomerate</i>	T ₃ Dikes and plugs <i>Rhyolite to basaltic in composition</i>
T ₄ Sandstone, shale, and conglomerate <i>Includes limestone in Graham Hills. Argillaceous to siliceous in composition</i>	T ₅ Rhyolite <i>Flow, dike, plug, and tuff</i>	T ₆ Dikes and plugs <i>Rhyolite to andesitic in composition</i>
T ₇ Koda volcanics <i>Flow, dike, and plug of andesite to rhyolite composition</i>	T ₈ Andesite <i>Flow, dike, plug, and tuff</i>	T ₉ Dikes and plugs <i>Rhyolite to andesitic in composition</i>
T ₁₀ Granites	T ₁₁ Andesite <i>Flow, dike, plug, and tuff</i>	T ₁₂ Dikes and plugs <i>Rhyolite to andesitic in composition</i>
M ₁ Granite and related crystalline intrusive rocks	M ₂ Schist	M ₃ Schist
M ₄ Shale, sandstone, and limestone, locally metamorphosed	M ₅ Shale, quartzite, and limestone	M ₆ Limestone, shale, sandstone, and quartzite
M ₇ Granite and related crystalline rocks	M ₈ Schist	M ₉ Schist
P ₁ Schist	P ₂ Schist	P ₃ Schist
P ₄ Granite	P ₅ Granite	P ₆ Granite
P ₇ Granite	P ₈ Granite	P ₉ Granite
P ₁₀ Granite	P ₁₁ Granite	P ₁₂ Granite
P ₁₃ Granite	P ₁₄ Granite	P ₁₅ Granite
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P ₂₉₈ Granite	P ₂₉₉ Granite	P ₃₀₀ Granite

SYMBOLS

- Fault, showing dip
- Dashed where approximately located
- U-shaped where side of U, downthrown side
- Thrust fault (T, upper plate)
- Axis of anticline
- Axis of syncline
- Strike and dip of beds
- Strike and dip of overturned beds
- Strike and dip of foliation
- Mine
- Volcanic vents

Map showing sources of topographic data.



INDEX MAP OF ARIZONA
Showing Location of Yuma County

