GEOLOGIC MAP OF MOHAVE COUNTY, ARIZONA

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

BY

Eldred D. Wilson and Richard T. Moore with additional data from maps by F. L. Ransome, C. Longwell, S. G. Lasky and B. N. Webber, and M. G. Dings and P. K. Sims, U.S. Geological Survey

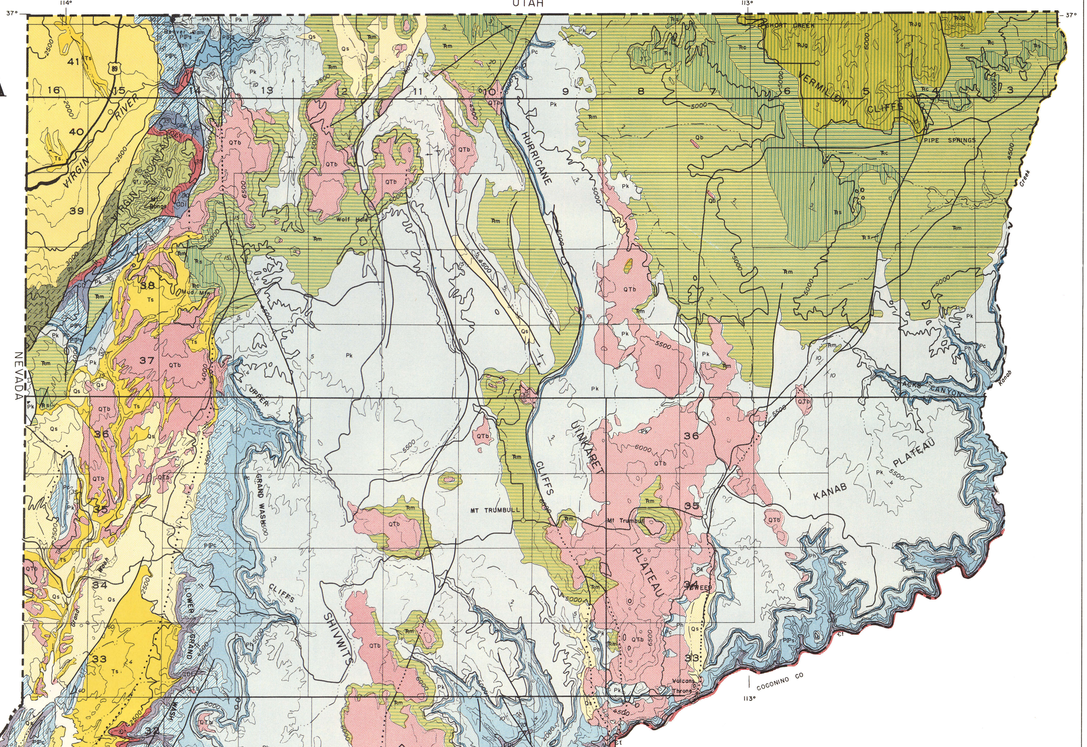
Scale $\frac{1}{375,000}$

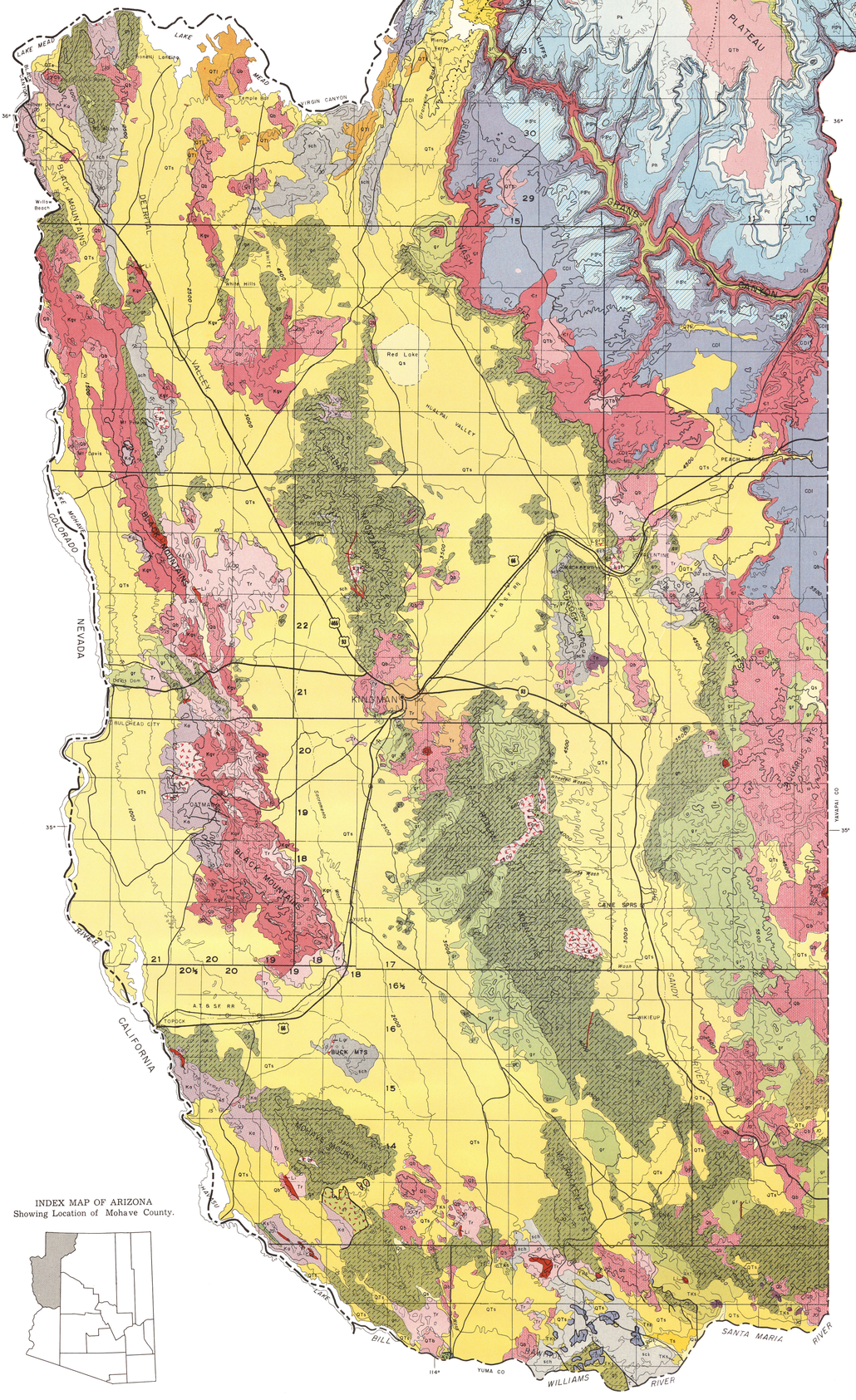
10 0 10 20 Miles

10 0 10 20 30 Kilometers

Contour interval 500 feet
datum is mean sea level

1959





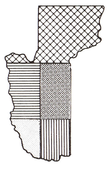
EXPLANATION

Qs — Silt, sand, and gravel.	Qb — **Basalt** *Locally includes tuff and agglomerate.*	Qi — **Dikes and plugs**	QUATERNARY
QTs — Sand, gravel, and conglomerate.	QTl — **Lake Deposits** *Siltstone, sandstone, and limestone.*	QTb — **Basalt** *Locally includes tuff and agglomerate.*	TERTIARY
Ts — Sand, gravel, and conglomerate.	Tr — **Rhyolite** *Includes tuff and agglomerate*	Ta — **Andesite** *Flows, tuff, and agglomerate*	TERTIARY
TKs — **Sandstone, shale and conglomerate** *Includes some basalt.*	Tg — **Granite and related crystalline rocks**	Ti — **Dikes and plugs** *Rhyolitic to andesitic in composition.*	LARAMIDE
Ks — **Limestone conglomerate**	Ka — **Andesite** *Flows, tuff, and agglomerate*	Kr — **Gold Road volcanics** *Includes rhyolite, latite, and andesite. Locally contains volcanic glass.*	CRETACEOUS
TRJg — **Glen Canyon group** *Includes in descending order, Navajo sandstone Kayenta formation, Moenave formation, and Wingate sandstone.*			TRIASSIC AND JURASSIC
Tc — **Chinle formation**			TRIASSIC
Ts — **Shinarump conglomerate**			TRIASSIC
Tm — **Moenkopi formation**			TRIASSIC
Pk — **Kaibab limestone** *Includes Toroweap formation*			PERMIAN
Pc — **Coconino sandstone**			PERMIAN
Ph — **Hermit shale**			PERMIAN
PPs — **Supai formation**			PENNSYLVANIAN AND PERMIAN
PMc — **Callville limestone**			MISSISSIPPIAN AND PENNSYLVANIAN
CDl — **Redwall and Martin limestones**			MISSISSIPPIAN AND DEVONIAN
Ct — **Tonto group**			CAMBRIAN
Gr — **Granite and related crystalline intrusive rocks**			OLDER PRECAMBRIAN
Diorite porphyry			OLDER PRECAMBRIAN
Sch — **Schist**			OLDER PRECAMBRIAN
Granite gneiss			OLDER PRECAMBRIAN

SYMBOLS

- Contact, showing dip
- Fault, showing dip *Dashed where approximately located*
- Thrust fault (T, upper plate)
- Axis of anticline
- Axis of syncline
- Strike and dip of beds
- Strike of vertical beds
- Mine

Map showing sources of topographic data.



- U.S. Geol. Survey Topograpic Map of Arizona (1956)
- Army Map Service, Needles, Calif. 2° sheet (unpublished)
- Army Map Service, Kingman, Arizona 2° sheet (unpublished)
- Army Map Service, Prescott, Arizona 2° sheet (unpublished)
- Army Map Service, Williams, Arizona 2° sheet (unpublished)

Map showing sources of geologic data.

- Dings, M. G., and Sims, P. K., with modifications
- Lasky, S. G., and Webber, B. N.
- Longwell, C., with modifications
- Moore, R. T
- Ransome, F. L., with modifications
- Wilson, E. D.

INDEX MAP OF ARIZONA
Showing Location of Mohave County.