GEOLOGICAL MAP OF THE FORT APACHE INDIAN RESERVATION, ARIZONA

CONTOUR INTERVAL 200 FEET
Scale 1:250,000
5 0 5 10 Statute Miles

by
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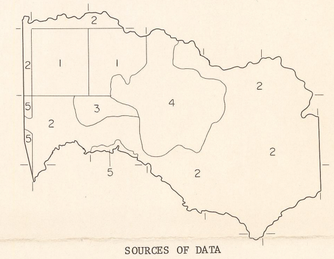
1967



SOURCES OF DATA

1. Finnell, T. L., 1966, U. S. Geol. Survey Geol. Quad. Maps GQ-544, GQ-545. (Modified by Moore and Peirce.)
2. Moore, Richard T., this report.
3. Moore, Richard T., and Peirce, H. Wesley, this report.
4. Peirce, H. Wesley, this report.
5. Shride, A. F., and Wrucke, C. T., U. S. Geol. Survey unpublished maps made for use in compiling Geologic Map of Arizona (1969). (Modified by Moore.)

EXPLANATION

CENOZOIC

QUATERNARY

- Qs — Recent alluvium and stream deposits.
- Qb — Basaltic flows and pyroclastic material.

TERTIARY

- QTb, QTi — QTb: andesitic to basaltic flows, tuff, and agglomerate; QTi: basaltic plugs and dikes.
- Tg — "Rim Gravels." Predominantly sand and gravel.

MESOZOIC

CRETACEOUS

- Ks — Unnamed limestone and sandstone.

PALEOZOIC

PERMIAN

- Pk — Kaibab Formation.
- Pc — Coconino Sandstone.

PENNSYLVANIAN

- PIPsu, PIPsm, PIPs, PIPsl — Supai Formation. PIPsu: upper member; PIPsm: Fort Apache Limestone member; PIPsl: lower member; PIPs: undifferentiated.
- IPn — Naco Formation.

DEVONIAN MISSISSIPPIAN

- MDl — Redwall Limestone (Mississippian) and Martin Formation (Devonian).

YOUNGER PRECAMBRIAN

- db — Diabase
- p€t — Troy Quartzite. Locally may include sandstone of Cambrian age.
- p€m — Mescal Limestone.
- p€al — Lower Apache Group. Includes in descending order, the Dripping Spring Quartzite and Pioneer Shale.
- p€au — Apache Group, undifferentiated.

OLDER PRECAMBRIAN

- p€gn — Greenstone and metadiorite.
- p€gr — Granite.

Contact, *Dashed where approximately located*

Fault, *Dashed where approximately located* U, *upthrown side;* D, *downthrown side*

Strike and dip of beds

Axis of monocline

Axis of anticline