Geology of the Enebro Mountain Area, Greenlee County, Arizona

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ARIZONA GEOLOGICAL SURVEY
Contributed Map CM-94A
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EXPLANATION
(Unit names are informal)

- **Tr**: Tertiary Rhyolite
- **Tb**: Tertiary Basalt
- **Mm**: Mississippian Modoc Limestone
- **Dm**: Devonian Morenci Formation
- **Ol**: Ordovician Longfellow Limestone
- **Ec**: Cambrian Coronado Quartzite
- **PcG**: Proterozoic Metacal granite
- **PcPs**: Proterozoic Pinal Schist

Scale: 1:6,000

MILES

INTERPRETATION

The Enebro Mountain area lies approximately 20 miles north of Greenlee County. The area is accessible by US Highway 93 and is well-suited for fieldwork. The map is based on a 1:6,000-scale topographic base map compiled in 1959 by the U.S. Geological Survey. The map is designed as a geologic map of the area, showing the distribution of rock units and their relationships. The map is intended to be used as a reference for further research into the geology of the area.

ROCK DESCRIPTIONS

- **Basaltic Rocks**: These rocks are characterized by dark, glassy surface colors and are often associated with volcanic activity. They are typically found on the flanks of volcanic cones and in fault zones. These rocks are rich in iron and magnesium and are often associated with hot springs and geysers.
- **Limestone Rocks**: These rocks are often found in marine environments and are characterized by their ability to dissolve in water. They are typically white or light gray in color and are often used as building materials.
- **Granite Rocks**: These rocks are typically found in intrusions and are characterized by their coarse-grained texture. They are often found in mountainous areas and are rich in feldspar and quartz.

STRUCTURAL GEOLOGY

The faults in the area are well-defined and are associated with the movement of tectonic plates. The map shows the location of major faults and their relationship to the surrounding rock units. These faults are important in understanding the geological history of the area.

NOTES

- The map is designed to be used as a reference for further research into the geology of the area.
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