



LEGEND

SEDIMENTARY ROCKS

- QUATERNARY**
 - Qs Alluvium
Silt, sand, and gravel deposited along present stream valleys
 - Qgs Gravels and sands
Fluvial away from mountains and locally indurated
- CHIEFLY CENOZOIC**
 - CHIEFLY QUATERNARY**
 - Ksh Red shale, sandstone, and conglomerate with some beds and lenses of limestone
 - CHIEFLY CRETACEOUS**
 - CDi Thin-bedded dark-gray fossiliferous limestone
 - CDm Thick-bedded light-gray to white limestone, metamorphosed
 - UNCONFORMITY**
 - CHIEFLY PALEOZOIC**
 - CDu Undifferentiated Carboniferous and Devonian limestones, in part greatly metamorphosed
 - UNCONFORMITY**
 - DEVONIAN**
 - Di Thin-bedded gray fossiliferous limestone
 - UNCONFORMITY**
 - DEVONIAN**
 - Qqc Pink to red massive quartzite and conglomerate
Beds on granite
 - UNCONFORMITY**
 - CAMBRIAN**
 - Gsh Reddish and greenish shales
 - Gsc Dark-greenish schist
- IGNEOUS ROCKS**
 - QUATERNARY AND TERTIARY**
 - b Basalt
Black vesicular olive-bearing lava flow
 - Tta Tufts and agglomerates
Bedded pink to white rhyolite tuff and agglomerates
 - Trp Rhyolite porphyry
White porcelanite-like porphyritic rock, very siliceous
 - Ta Andesite
Dense to coarse porphyritic dark-green rock, weathers to rounded forms and green to red color
 - Qap Quartz latite porphyry
Greenish and pinkish-gray coarse porphyritic rock with large quartz blebs
 - Tr Rhyolite
Greenish-white siliceous rock, usually contains disseminated iron and copper pyrites. Stands out as brilliant red crags
 - TERTIARY**
 - bd Basic dikes
Dark-green to black angular and siliceous bearing rocks. Angularly jointed
 - Alp Alaskite aplite
Pink to white siliceous dikes resembling quartzite veins
 - agp Alaskite-granite porphyry
Gray siliceous porphyry containing large plagioclase of feldspar and some flakes of mica
 - gpp Granite porphyry
Coarsely porphyritic rock containing quartz, orthoclase, and mica in megacrystic crystals
 - qd Quartz diorite
Granular rock, dark green, weathering to brownish gray and to round forms
 - qm Quartz monzonite
 - g Granite
Coarse massive to porphyritic rock that weathers rapidly into yellow-brown granitic sand and produces rounded topographic forms
 - PRE-CRETACEOUS OR EARLY CRETACEOUS**
 - Pl Placer deposits
- STRUCTURAL FEATURES**
 - Fault
 - Probable fault
 - Strike and dip
 - Mine
 - Prospect
 - Shaft
 - Tunnel
 - Bench mark
 - International boundary monument

Base from U. S. G. S. Nogales and Patagonia sheets
 Surveyed in 1903-1904

GEOLOGIC MAP OF THE SANTA RITA AND PATAGONIA MOUNTAINS, ARIZONA

Geology by F. C. Schrader and J. M. Hill

