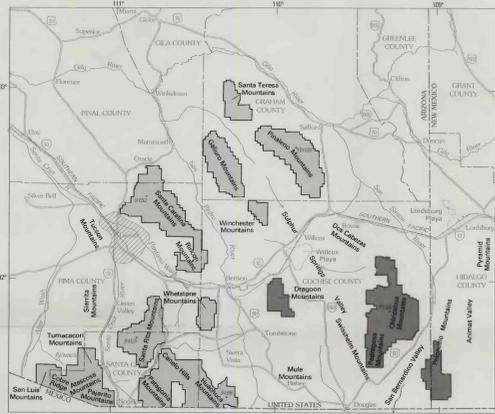


Dragon Forest unit

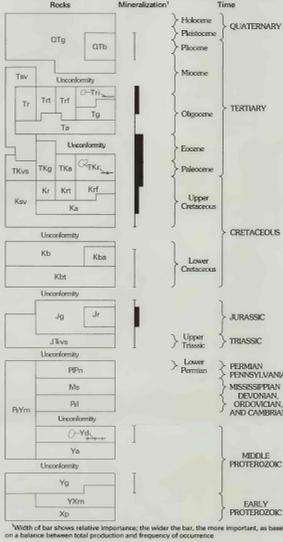
Base from U.S. Geological Survey 1:250,000
Douglas, 1969 (revised 1970); Nogales, 1956 (revised 1969);
Silver City, 1954 (revised 1970); Tucson, 1956 (revised 1968)
Transverse Mercator projection



INDEX MAP SHOWING LOCATION OF CORONADO NATIONAL FOREST (GRAY AREAS).
Forest units shown on this plate are dark gray.



CORRELATION OF MAP UNITS AND MINERALIZATION

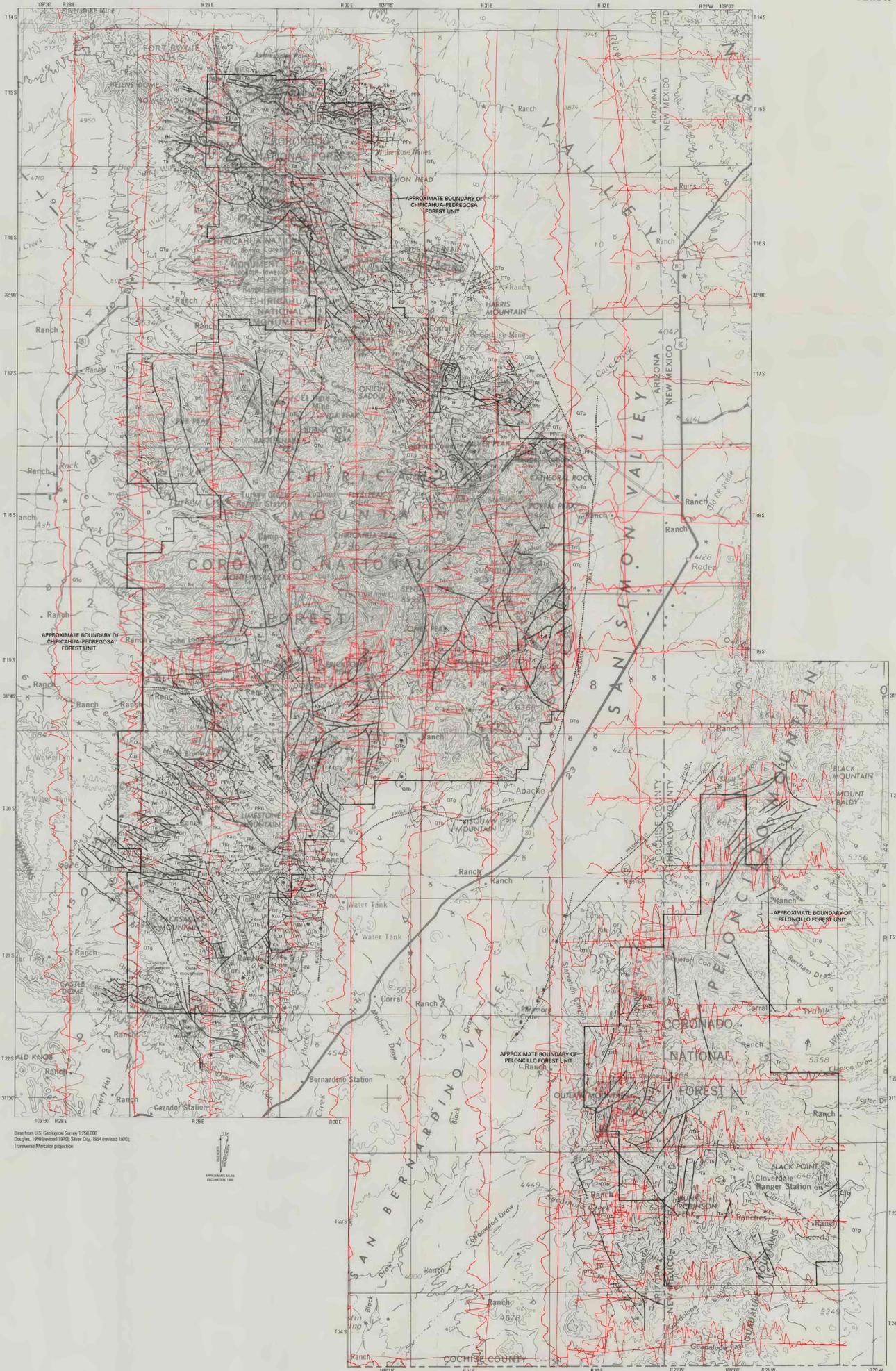


¹Width of bar shows relative importance; the wider the bar, the more important, as based on a balance between total production and frequency of occurrence

DESCRIPTION OF MAP UNITS

- QTg Gravel, sand and conglomerate (Holocene to Miocene)—Alluvium filling intermontane basins, on pediments, in alluvial aprons and stream terraces, and along water courses
- QTb Basalt (Pleistocene to Miocene)—Lava flows and cinder deposits
- Tev Sedimentary and volcanic rocks, undivided (Miocene to Eocene)—Rhyolite to andesite lava and tuff, and some interbedded conglomerate, sandstone, and shale
- Ttr Rhyolite (Miocene and Oligocene)—Includes lava flows, tuffs, and surface conglomerate
- Tta Rhyolite tuff (Miocene and Oligocene)—Airfall tuff, ash-flow tuff, tuff breccia, welded tuff, and some sedimentary rocks
- Tg Rhyolite lava flows (Miocene and Oligocene)—May include some intrusive bodies
- TKv Intrusive rocks (Miocene and Oligocene)
- TKa Rhyolite (Miocene and Oligocene)—Dikes and plugs
- TKs Granite (Oligocene)—Stocks
- Kv Andesite rocks (Oligocene)—Lava flows, breccia deposits, and interbedded sedimentary rocks
- Kt Intrusive rocks (Eocene to Late Cretaceous)—Mainly Eocene to Late Cretaceous quartz, monzonite, granodiorite, and diorite; some Oligocene to Late Cretaceous peraluminous feldspathic and garnet-bearing granite—Includes Copper Creek Granodiorite
- Ka Volcanic and sedimentary rocks (Eocene to Upper Cretaceous)—Andesite lava flows and breccia sheets, rhyolite tuff and welded tuff, and volcanoclastic sedimentary rocks
- Jg Andesite (Eocene to Late Cretaceous)—Plugs, dikes, and stocks
- Jr Rhyolite (Eocene to Late Cretaceous)—Plugs and dikes
- Jk Sedimentary and volcanic rocks, undivided (Upper Cretaceous)—Volcanoclastic conglomerate, sandstone, and shale, and some andesite and rhyolite tuff
- Jl Rhyolite (Upper Cretaceous)—Lava flows, tuffs, and interbedded conglomerate, sandstone, and shale
- Jk Rhyolite tuff (Upper Cretaceous)—Includes airfall and ash-flow tuffs, tuff breccia, welded tuff, and sedimentary rocks
- Jl Rhyolite lava flows (Upper Cretaceous)—Includes some tuff and sedimentary rocks
- Kb Andesite (Upper Cretaceous)—Lava flows, breccia sheets, and interbedded conglomerate and sandstone
- Kd Biocase Group (Lower Cretaceous)—Mainly gray shale and siltstone, and some sandstone, conglomerate, and limestone
- Kf Basaltic andesite and andesite (Lower Cretaceous)—Lava flows, cinder deposits, and some dikes, sills, and plugs
- Kv Basaltic and Temporal Formations, undivided (Lower Cretaceous)—Andesite to rhyolite rocks, conglomerate, and sandstone
- Jp Intrusive rocks (Jurassic)
- Jr Granite stocks
- Jk Rhyolite plugs
- Jl Volcanic and sedimentary rocks (Jurassic to Upper Triassic)—Rhyolite welded tuff and lava flows, andesite lava flows, and some sandstone, and rhyolite tuff
- Jk Metamorphic rocks (Paleozoic or Middle Proterozoic)—Metagranite, hornfels, and calc-silicate contact rocks
- PPn Naco Group (Lower Permian and Pennsylvanian)—Mainly limestone and dolomite; some siltstone, sandstone, and marlstone
- Ms Sedimentary rocks (Mississippian)—Generally only Escabrosa Limestone to the east with also includes Paradise Formation, mostly shale
- PI Lower Paleozoic formations, undivided (Upper Devonian to Middle Cambrian)—Mainly limestone and dolomite; some sandstone, shale, and conglomerate. Includes Paria Shale, Paria Sandstone, Martin, El Paso, and Abajo Formations, Coronado Sandstone, and Bobsa Quartzite
- Yv Diabase (Middle Proterozoic)—Includes some metadiorite, in sills, dikes, and plugs; line shows more acidic rock
- Ys Apache Group (Middle Proterozoic)—Sandstone, shale, argillite, some conglomerate, and possibly some limestone
- Ym Intrusive rocks (Middle Proterozoic)—Granite, granodiorite, and monzonite; sills, dikes, and plugs
- Xp Gneissic rocks (Middle and Early Proterozoic)—Metamorphosed granite and older schist or gneiss
- Xp Pinal Schist (Early Proterozoic)—Schist, phyllite, metaquartzite, metagaywacke, and metaigneous rocks

- Contact—Dotted where concealed, queried where uncertain
- Fault—Showing dips, dotted where concealed or intruded, queried where uncertain. Where solid line becomes dotted line within a map unit, that unit is a composite of several formations, of which a younger one conceals faulting in an older one
- Normal fault—Solid and bar on downthrown side; dotted where concealed, queried where uncertain
- Thrust fault—Sawtooth on upper plate
- Glide fault—Open sawtooth on glide plate
- Complex fault—Either thrust fault on which later glide (ignally) faulting took place
- Strike-slip fault—Arrow couple shows relative movement, queried where uncertain
- Oblique-slip fault—Composite of strike-slip and normal movement; both, but either type of movement may have occurred without the other
- Fold axis—Dotted where concealed, arrow shows direction of plunge
- Anticline
- Anticline in foliation
- Overturned anticline—Side of closure of arrow ends is side of fold crest relative to fold axis
- Syncline
- Syncline in foliation
- Overturned syncline—Side of closure of arrow ends is side of fold trough relative to fold axis
- Strike and dip of beds
- Horizontal
- Inclined
- Vertical
- Overturned
- Strike and dip of foliation
- Inclined
- Vertical
- Cinder cone—Queried where uncertain



Peloncillo and Chiricahua-Pedregosa Forest units

Base from U.S. Geological Survey 1:250,000
Douglas, 1969 (revised 1970); Silver City, 1954 (revised 1970)
Transverse Mercator projection

Geology compiled by Harold Drexler 1991

TERRAIN-CLEARANCE MAPS FOR NURE PROFILES FOR THE SOUTHEASTERN PART OF CORONADO NATIONAL FOREST AND ADJACENT AREAS, SOUTHEASTERN ARIZONA AND SOUTHWESTERN NEW MEXICO

Compiled by
Mark E. Gettings
1996