

# Geologic Map and Cross Section of 12 Small Watersheds in the Peloncillo Mountains, Hidalgo County, New Mexico

## Map Explanation

**Geologic Units**

**Quaternary Deposits**

**Whitmore Canyon Deposits**

- Qycr: Modern channel deposits (< ~100 years)
- Qy2r: Holocene floodplain and terrace deposits (< ~2 ka)

**Piedmont Alluvium**

- Qy2: Late Holocene alluvium (< ~2 ka)
- Qy1: Middle to early Holocene alluvium (0 to 10 ka)
- Ql: Late Pleistocene alluvium (~10 to 130 ka)
- Qm: Middle Pleistocene alluvium (~130 to 750 ka)
- Qmo: Middle to early Pleistocene alluvium (~500 ka to 2 Ma)
- Qo: Early Pleistocene alluvium (~1 to 2 Ma)

**Tertiary Deposits**

- Tcu: Upper cobble-pebble conglomerate (Oligocene-Miocene)
- Tcm: Middle pebbly sandstone (Oligocene-Miocene)
- Tcl: Lower boulder-cobble conglomerate (Oligocene-Miocene)
- Tra: Rhyolite of Clanton Draw, pumiceous autoclastic carapace breccia facies (Oligocene)
- Trv: Rhyolite of Clanton Draw, vitric spherulitic coherent facies (Oligocene)
- Trs: Rhyolite of Clanton Draw, spherulitic lithophysal coherent facies (Oligocene)
- Trc: Rhyolite of Clanton Draw, crystalline core coherent facies (Oligocene)

**Geologic Contacts and Structural Symbols**

- Depositional contact; solid where accurate, dashed where approximate
- Bedding, showing dip
- Flow foliation, showing dip

