

**APPROXIMATE BOUNDARY OF
PALEN-McCOY WILDERNESS
STUDY AREA (CDCA-325)**

Description of Map Units:

- Qs - Windblown sand (Quaternary) - Active dunes, stabilized dunes, and sand sheets
- Qya - Younger alluvium - Alluvial gravel, sand, and silt in active washes and on active and recently active fan surfaces. Includes small areas of talus, colluvium, and landslide gravel. Locally veneered by windblown sands.
- Qp - Playa deposits (Quaternary) - Partly gypsiferous silt and clay forming surfaces of modern playas and weekly consolidated, slightly dissected lake beds. Locally veneered by windblown sand.
- Qia - Intermediate-age alluvium (Quaternary) - Alluvial gravel, sand, and silt on inactive fan surfaces. Most surfaces are darkly varnished. Includes small areas of talus, colluvium, landslide gravel, and young alluvium.
- Qoa - Older alluvium (Quaternary) - Alluvial gravel, sand, and silt forming deeply dissected longitudinal hills and ridges. Outcrops may include Tertiary monolithic breccia units.
- QTs - Sedimentary Rocks (Quaternary/Tertiary) - Flat lying, weekly consolidated mudstone, siltstone, and minor well-sorted, fine to medium grained arkosic sandstone forming highly dissected hills and ridges. Gradationally overlain in places by the older alluvium unit (Qoa).
- Kda - Andesite (Cretaceous) - Massive green to black, locally vesicular, aphanitic to porphyritic extrusive/hypabyssal andesite.
- Kdd - Diorite (Cretaceous) - Greenish-gray pyroxene diorite, similar to the adjacent andesite unit (Kda) but coarser grained.
- KJmfc - Mixture (Cretaceous and/or Jurassic) - Lower part is composed primarily of volcanic-lithic sandstone, grades upsection into arkosic to volcanic-lithic sandstone, conglomerate, and light-gray phyllitic shale. Clasts in conglomerate are composed of granitic rocks, quartzite, volcanic rocks, and minor carbonate rocks. Upper part, contains late Early Cretaceous or younger fossil wood fragments. Top of unit is faulted and structurally overlain by other member rocks.

Legend:

- Contact - Dashed where inferred or approximately located.
- == Unimproved road.

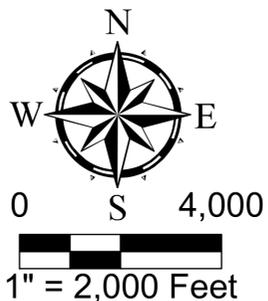
"GEOLOGIC MAP OF THE PALEN-McCOY WILDERNESS STUDY AREA AND VICINITY, RIVERSIDE COUNTY, CALIFORNIA", Stone and Pelka, 1989
All locations approximate Scale is 1:24,000.

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PROJECT SITE BOUNDARY



AREA GEOLOGIC MAP

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