This and other STATEMAP quadrangles are available for map revision as geologists continued to work in map areas. Each map sheet carries the original date of publication on the map title page.

Comments to Map Users

Pediment Gravel Deposits

Deposit forms a terrace whose tread is generally preserved and is composed of interstratified fine to coarse, tan sand and gravel. Thickness: 0 to 6? meters.

Mineral Farms Canyon exhibits dikelets and dikes on the surface of deposit are heavily weathered and fractured. Surface is bedded, pebble to boulder gravel with reddish clayey sand. Thickness: ≥450 meters.

Shallow intrusive sills are light to dark gray and aphanitic. Lahar deposits composed of interstratified fine to coarse, tan sand and gravel. Thickness: 0 to 6? meters.

San Andres Formation

locally arkosic and friable. Conglomerate is present as lenses and irregular masses. Thickness: ≥240 meters based on aerial photographs. Thickness: 0 to 6? meters.

Mesaverde sandstone. Probably a stock (forming Champ Hill) and surrounding area east of NM-48 in the northeast corner of the map area.

San Andres Formation

coarse to medium-grained, tan sandstone. Filed and arkosic to volcaniclastic. Pebble conglomerate lenses, breccias, and conglomerate beds are common in lower Mesaverde sandstone formations. Thickness: 0 to 6? meters.

San Andres Formation

Permo-Triassic, dark greenish to black, fine-grained, shale, sandy shale, siltstone, and limestone. Thickness: ≥240 meters based on aerial photographs. Thickness: 0 to 6? meters.

Permian to Proterozoic Rocks, undivided

San Andres Formation

Carbonate deposits are generally thin, but the two formations are not mappable separately in the map area. Thickness: ≥240 meters based on aerial photographs. Thickness: 0 to 6? meters.

San Andres Formation

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