Topographic relief

Map Symbols

Geologic Map of the Flatiorn Mountain 7.5' Quadrangle, Maricopa County, Arizona

Stratigraphic Correlation

Map Symbols

List of Symbols

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The Arizona Geological Survey of the State of Arizona, through funding from the Department of Agriculture and Commerce, has prepared this map to support ongoing geologic research and education.

Surficial Geology

Surficial mapping was conducted along roads, trails, and other geographic features that may provide clues to surface age and potential flood hazards. Young alluvial surfaces that are subject to flooding may represent evolving or recently developed fluvial systems. Dendritic tributary drainage provide clues to surface age and potential flood hazards. Young alluvial surfaces that are subject to flooding may represent evolving or recently developed fluvial systems.

Larimer County Alluvium

Late Holocene alluvium (<~2 ka) is coextensive with the Pleistocene alluvial sediments of Arizona. This alluvium is composed of fine to coarse sand and gravel. Reddish brown clasts or pebble and cobble deposits. Surface clasts of these lithologies exhibit no to strong rock varnish. Fine to coarse sands, gravel, and locally large pebbles and cobble lags are present. Surface clasts of these lithologies exhibit no to strong rock varnish. Fine to coarse sands, gravel, and locally large pebbles and cobble lags are present.

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