



EXPLANATION

<p>Vertical sequence not indicative of relative age of Quaternary deposits</p> <p>ALLUVIAL FAN (Qaf)</p> <p>STREAM ALLUVIUM (Qal)</p> <p>DUNE SAND (Qds)</p> <p>LANDSLIDE DEPOSIT (Qls)</p> <p>TERRACE GRAVEL (Qtg)</p> <p>UNCONFORMITY (Jn)</p> <p>NAVAJO SANDSTONE (Massive cross bedded light colored sandstone with some lenses of gray limestone) (Jn)</p> <p>KAYENTA FORMATION (Irregularly bedded red, gray, and lavender sandstone, siltstone, and clay-pebble conglomerate) (Jk)</p> <p>WINGATE SANDSTONE (Massive cross-bedded reddish brown and tan sandstone. Locally forms vertical cliffs) (Jw)</p> <p>CHINLE FORMATION (Reddish-orange sandstone and siltstone in upper one-third, variegated claystone and lenticular beds of sandstone and limestone in lower two-thirds) (Jc)</p> <p>SHINARUMP CONGLOMERATE (Lenticular bedded grayish-green conglomeratic sandstone, absent in most of the map area) (Jm)</p> <p>UNCONFORMITY (Jn)</p> <p>MOENKOPF FORMATION (Evenly bedded brown siltstone and sandstone, abundant ripple marks) (Jm)</p>	<p>CUTLER FORMATION (Hoskinnini tongue (Pho), reddish-brown mudstone containing abundant disseminated rounded fine to coarse quartz grains; DeChelly sandstone member (Poc), massive cross-bedded yellowish-gray sandstone, present only in small outcrop in San Juan River Canyon; Organ Rock tongue (Por), reddish-brown siltstone and fine-grained sandstone; Cedar Mesa sandstone member (Pcm), massive cross-bedded light-gray sandstone, gradational upward to Organ Rock tongue through a zone of interbedded light-colored sandstone; Halgaito tongue (Pha), reddish-brown silty sandstone and siltstone, exposed only in San Juan River Canyon in map area)</p> <p>CHANNEL (at base of Shinarump conglomerate)</p> <p>CONTACT</p> <p>AXIS OF ANTICLINE (Dotted where concealed; showing trace of axial plane)</p> <p>AXIS OF SYNCLINE (Dotted where concealed; showing trace of axial plane)</p> <p>FAULT (Dotted where concealed; D, downthrown side; U, upthrown side)</p> <p>STRIKE AND DIP OF BEDS</p> <p>COPPER PROSPECT</p> <p>SPRING</p>
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Note. The land net is from plates of the Bureau of Land Management. Due to distortion in the controlled mosaic, numerous minor adjustments were necessary to bring the land lines plotted on the mosaic into agreement with the Bureau of Land Management plats.

Figure 4. GEOLOGIC MAP OF THE RED HOUSE CLIFFS AREA, SAN JUAN COUNTY, UTAH