

GEOLOGIC RECONNAISSANCE MAP OF THE CHRIS MOUNTAIN AND PAGOSA SPRINGS QUADRA BLES ARCHULETA COUNTY, COLORADO

By

W. J. Hail, Jr.

Strike and dip of beds

Morrison Formation and Wanakah Formation undifferentiated

members: Junction Creek Sandstone Member (questionably present in these quadrangles), a middle member, and the Pony Express Member. Junction Creek Sandstone Member is light-gray cross-bedded sandstone; middle member is

limy shale, siltstone, and sandstone; Pony Express Member is dark-gray bituminous limestone, locally containing gypsum. Base of Wanakah not exposed

Contact

Approximately located

Fault

Approximately located;
dotted where concealed;
U, upthrown side
D, downthrown side

U.S. Geological Survey
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This map is preliminar, and has not been edited or reviewed for conformity with Geological Survey standards.

in these quadrangles

Morrison conformably overlies Wanakah. Morrison Formation comprises two members: upper is Brushy Basin Member consisting mostly of varicolored claystone and mudstone; lower is Salt Wash Member consisting of sandstone with interbedded claystone and mudstone. Wanakah Formation comprises three