GEOLOGIC MAP OF THE NEWHOPE QUADRANGLE, HOWARD AND PIKE COUNTIES, ARKANSAS

GEOLOGY by B.R. Haley, C.G. Stone, W.D. Hanson, and B.F. Clardy
1994
Digital compilation by Nathan H. Taylor 2008

Description of Map Units

Arkansas Cherty Sandstone - This unit is an irregular bedded sandstone consisting of sand, gravel, silt, shale, and mudstone. The unit is typically fine-grained, with occasional bedded sand, gravel, and mudstone. The unit is generally more porous and has a lower permeability compared to the overlying and underlying units. The unit is often used for construction material and is also used for roadbeds and foundations.

Trinity Group (Lower Cretaceous) - The Trinity Group is a series of marine deposits that include shales, sandstones, and conglomerates. The group is characterized by the presence of marine fossils and is typically fine-grained. The unit is generally more porous and has a lower permeability compared to the overlying and underlying units. The unit is often used for construction material and is also used for roadbeds and foundations.

Correlation of Map Units

Quaternary
Cretaceous
Paleozoic

For a detailed description of the map units, please refer to the original document.