



EXPLANATION

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| <p>RECENT</p> <p>JACKFORK GROUP</p> <p>MISSISSIPPIAN</p> <p>STANLEY GROUP</p> <p>DEVONIAN</p> <p>SILURIAN</p> <p>ORDOVICIAN</p> | <p>Qal
ALLUVIUM
clay, sand and gravel along flood plains of Ouachita River and larger creeks.</p> <p>Mjw
WILDHORSE MOUNTAIN FORMATION
massive gray to light gray quartzitic sandstones and gray shale.</p> <p>Msc
CHICKASAW CREEK FORMATION
dark fissile soft shale with dark thin bedded siliceous shale, 50 feet thick.</p> <p>Msm
MOYERS FORMATION
gray sandstones and shales, 1400 feet thick, siliceous shale at base.</p> <p>Mst
TENMILE CREEK FORMATION
gray to greenish gray shale with gray sandstones and dark siliceous shales, 14,000 feet maximum possible thickness.</p> <p>DMa
ARKANSAS NOVACULITE
white massive novaculite and dark thin beds of chert interbedded with dark fissile shale, 15 to 400 feet thick.</p> <p>Sm
MISSOURI MOUNTAIN SLATE
red or green slate with thin beds of quartzite, 150 to 250 feet thick.</p> <p>Op
POLK CREEK SHALE
black thin carbonaceous shales, 200 feet thick.</p> <p>Ob
BIGFORK CHERT
thin layers of black chert interbedded with black shale, 300 feet thick.</p> | <p>strike with no dip indicated</p> <p>strike and dip of beds</p> <p>strike and dip of beds overturned</p> <p>strike and dip of beds vertical</p> <p>lithologic contact dashed where inferred</p> <p>fault dashed where inferred</p> <p>U D
fault</p> <p>siliceous shale</p> <p>anticline axis indicating plunge direction</p> <p>syncline</p> <p>anticline overturned</p> <p>syncline overturned</p> <p>heavy duty road</p> <p>medium duty road</p> <p>light duty road</p> <p>unimproved road</p> |
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GEOLOGIC MAP OF THE MENA - BOARD CAMP QUADRANGLES, POLK COUNTY, ARKANSAS

BY **ROBERT T. SELLARS, JR.**
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