Introduction

This map was prepared by the master's project of the War Eagle Quadrangle, Benton County, Arkansas, under the supervision of the Geol sic Map of Arkansas, circa 1971. The map was updated in 2017 by Angela K. Chandler, Corbin G. Cannon, and Lea M. Nondorf. The updated version was created using the USGS Digital Geologic Quadrangle Map, updated August 2019. The map illustrates the surface geology of the War Eagle Quadrangle.

Description of Map Units

- **young terrace and alluvial deposits (Quaternary)**: Deposits of recent origin, primarily alluvial sediments.
- **Middle Devonian**
  - **Mansfield Member (Creek Dolomite)**: Contains thin bedded chert, dolomite, and thin layers of chert breccia. Often includes fossil cephalopods.
  - **Washington Member**: Contains thin bedded chert, dolomite, and thin layers of chert breccia. Often includes fossil cephalopods.

Symbols

- **Fault Plane**: Black lines indicate the plane of a fault. The thickness of the line indicates the size of the slip on the fault.
- **Joint**: Small circles with lines through them indicate the orientations of joints.
- **Contact**: A solid line indicates a sharp boundary between two rock units. A dashed line indicates a gradual transition between two rock units.

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References