To obtain

Frequency of joints recorded within the map area.

Stratigraphic column for Paleozoic rocks of the map area. Provincial series are from Purdue University.

Figure 2

Mountains

TRUE NORTH

900

960

Shale, siltstone

1 1/2 MILE

Geology mapped by M.R. Hudson intermittently from

Meramecian-

Kinderhookian-

Osagean-

700

900

QUADRANGLE

FORMATION

PITKIN LIMESTONE

FERNVALE LIMESTONE

Boone Co.

Newton Co.

Camden Co.

—Sequence of predominantly dark-gray to black shale and
dark-gray to black dolomitic limestone of main body that grade into the basal St. Joe Limestone Member. The Boone Formation is a common host of caves and sinkholes. Total thickness 380–405 ft

—Bar and ball on downthrown side.

Alderson Member (Kinderhookian) and the Wedington Sandstone derived from the Pitkin Limestone.

Deposits are poorly exposed and are principally brown-weathered, fine sand as high as 150 ft thick, derived from beds within abandoned channel of Buffalo River east of Lost Hill. Thickness uncertain but probably as much as 20 ft

1.96' W. yielded latest Whiterockian to late Mohawkian age range conodonts that are

in the Hasty quadrangle.  This study


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