



- Qal Alluvium Quaternary
- Tg Gravel (Tertiary)
- K Cretaceous
- MPP Pitkin Ls. & Galletterville Sh. in this area
- Mbv Batesville Ss.
- Mr Ruddell Sh.
- Mm Morefield Fm.
- Mbn Boone Fm.
- MDe Chattanooga Shale
- DP Centers Ch.
- OFj Carmvale Ls. & Joachim Del.

structure contours drawn on the base of the Chattanooga shale

Stephenson & Co. (1916)
20' of boggy to sandy
reddish clay with brown, gray
and reddish chert up to 2' in
length, reddish sand and
sandy clay.

See Geol. Survey Bull. # 737
City of Newark, Ark.
Sec. 5, T. 22N., R. 4W.,
S. 14E. No. 12345
340-500' M. & M.
500-575' Mbn
575-670' D.
670-670' Silurian??
TD-670

Mapped, edited, and published by the Geological Survey
in cooperation with State of Arkansas,
Geological and Conservation Commission
Control by USGS, USC&GS, and USOC.
Topography by photogrammetric methods from aerial
photographs taken 1951 and planimetric surveys 1956 and 1962
Polyconic projection. 1927 North American datum
10,000-foot grid based on Arkansas coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is uncorrected

SCALE 1:24,000
CONTOUR INTERVAL: 10 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
DATUM: MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium duty Light duty
Unimproved dirt
State Route
NEWARK, ARK.
NW 74 NEWPORT 15' QUADRANGLE
N 3537.5 - W 9122.5 / 7.5
1962

MASTER COPY

by Ernest E. Glick, U.S. Geological Survey
prepared in cooperation with the Arkansas
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