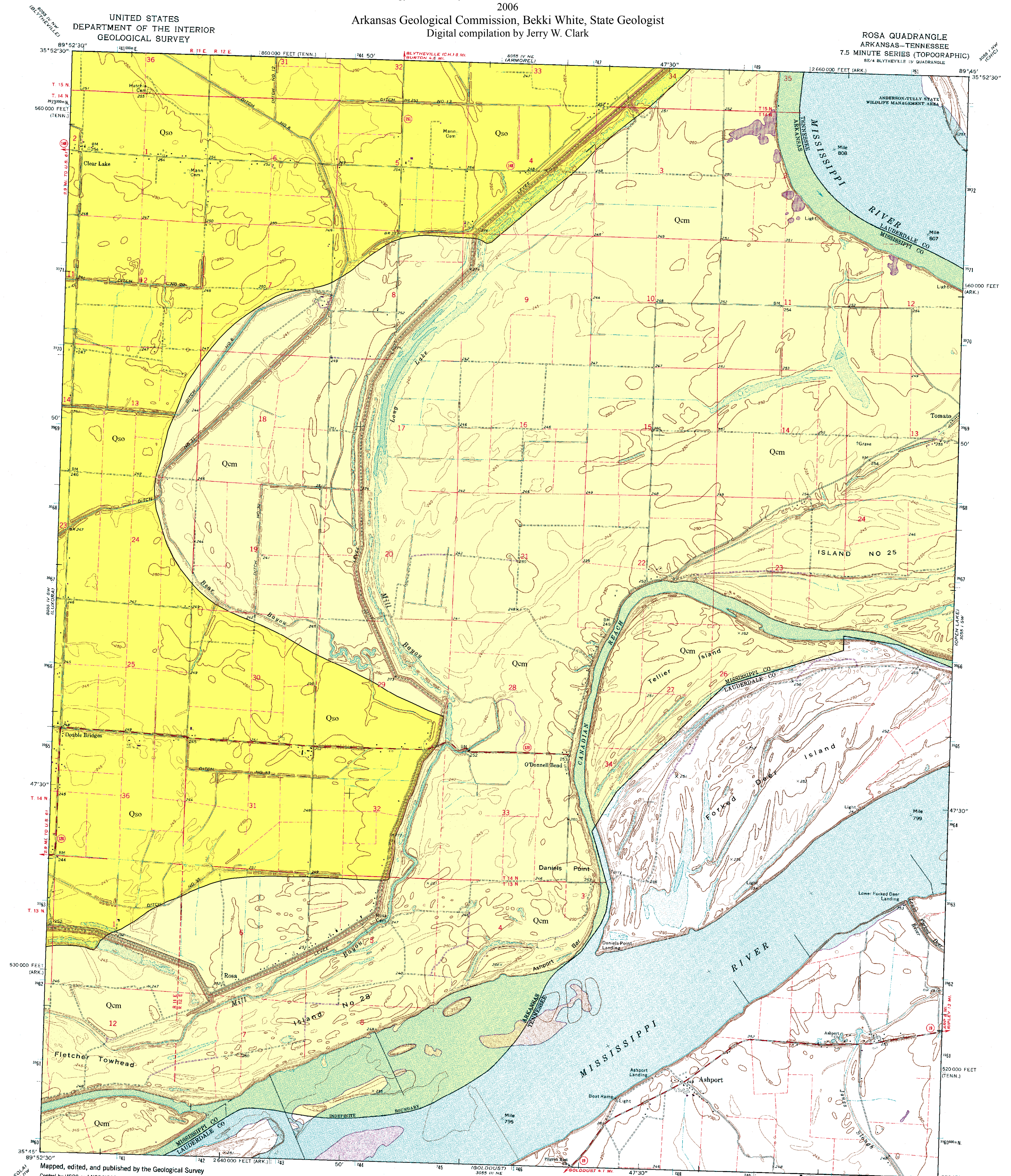


GEOLOGIC WORKSHEET OF THE ARKANSAS PORTION OF THE ROSA QUADRANGLE, MISSISSIPPI COUNTY, ARKANSAS AND LAUDERDALE COUNTY, TENNESSEE

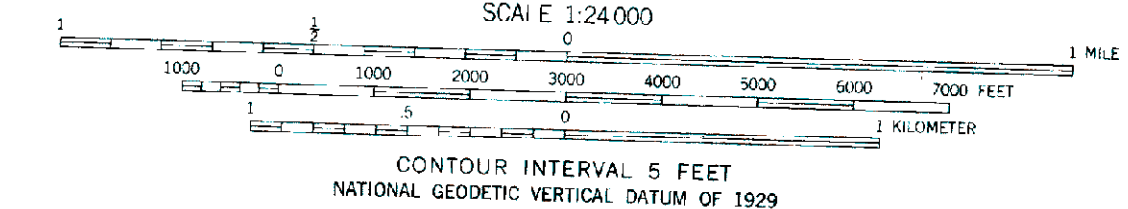
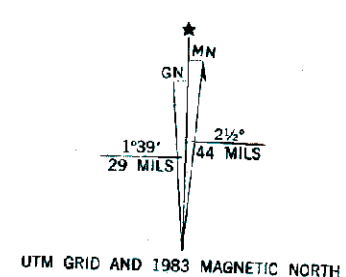
Geology by Boyd R. Haley
1969
Geology modified by Scott M. Ausbrooks and William L. Prior
2006
Arkansas Geological Commission, Bekki White, State Geologist
Digital compilation by Jerry W. Clark

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

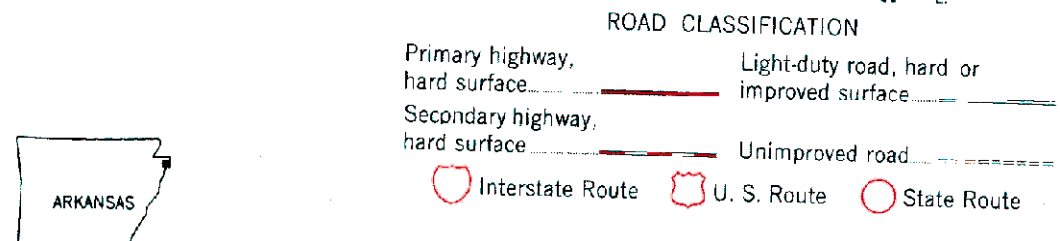
ROSA QUADRANGLE
ARKANSAS-TENNESSEE
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE-4 BLYTHEVILLE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1971. Field checked 1972
Projection: Arkansas coordinate system, north zone (Lambert conformal conic), 10,000-foot grid ticks based on Arkansas coordinate system, north zone and Tennessee coordinate system, 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 8 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of the National or State reservations shown on this map



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72201,
AND TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TENN. 37219
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROSA, ARK.-TENN.
SE-4 BLYTHEVILLE 15' QUADRANGLE
35089 G-7-F-024

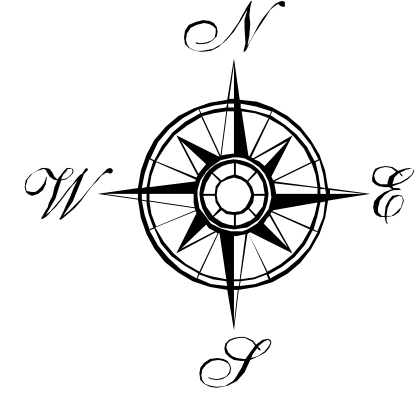
1972
PHOTOREVISED 1983
DMA 8058 IV 98-SERIES 0884

Description of Map Units

- Alluvium - Both units are equivalent in age
- Qcm** Alluvial deposits in major stream channels or in mappable meanders - Includes alluvial deposits in natural levees in some areas
- Qso** Alluvial deposits of local stream or of overbank flow of major streams - In some areas includes deposits in abandoned meanders of major streams.

About the Map

The *Geologic Worksheet of the Arkansas Portion of the Rosa Quadrangle* is a 1:24,000 scale digital geologic worksheet. The original geology was scanned, digitized and transferred from the Blytheville 1:62,500 scale geologic worksheet of Haley, B.R., 1969 and modified by Ausbrooks, S.M., and Prior, W.L., 2006. Copies of this map are available from the Arkansas Geological Commission, Little Rock, AR.



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The base used in the making of this map was acquired online from Geotitles. The data is DRG24k (Digital Raster Graphics), 1:24,000, USGS.

