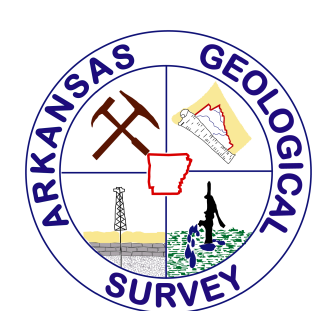


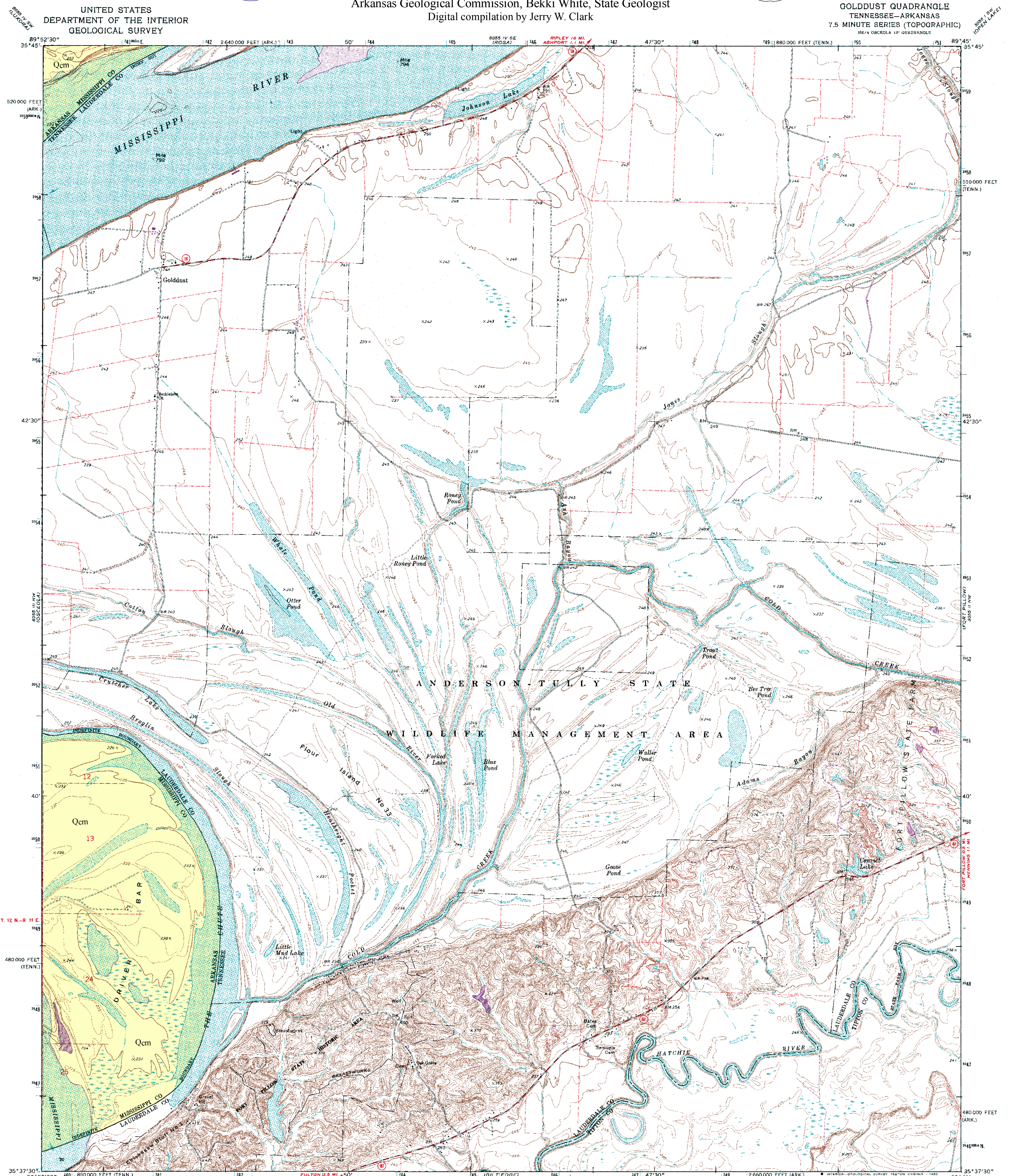
GEOLOGIC WORKSHEET OF THE ARKANSAS PORTION OF THE GOLDDUST QUADRANGLE, MISSISSIPPI COUNTY, ARKANSAS



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

GOLDDUST QUADRANGLE
TENNESSEE-ARKANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)
RE/4 OSGEOLA 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: Tennessee coordinate system (Lambert conformal conic) 10,000-foot grid ticks based on Tennessee coordinate system and Arkansas coordinate system, north zone. 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 5 meters south and 8 meters east as shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is un-checked
There may be private inholdings within the boundaries of the National or State reservations shown on this map

Scale 1:24,000
CONTOUR INTERVAL 5 AND 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092,
TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TENN. 37218,
AND ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72201
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U.S. Route
State Route
GOLDDUST, TENN.-ARK.
RE/4 OSGEOLA 15' QUADRANGLE
35089-F7-TF-024
1972
PHOTOREVISED 1983
DMA 5025 III NE-SERIES 1981

Description of Map Units

Alluvium
Qcm The Quaternary Age (Holocene) Channel Meander Alluvium are alluvial sediments derived from typically older alluvial deposits that have been more recently reworked by channel meanders and include flood plain deposits of significant streams. Sediments will typically include unconsolidated gravels, sands, silts, clays and varying mixtures of any and all of these. The division of this unit from other Holocene alluvial sediments is based primarily on geomorphic considerations (presence of meander scars, point bars, and abandoned channels) than lithology or age. Fossils are rare and the thickness is variable.

About the Map

The *Geologic Worksheet of the Arkansas Portion of the Golddust Quadrangle* is a 1:24,000 scale digital geologic worksheet. The original geology was scanned, digitized and transferred from the Oseola 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.

Disclaimer

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The base used in the making of this map was acquired online from GeoStar. The data is DRG24K (Digital Raster Graphics), 1:24,000, USGS.