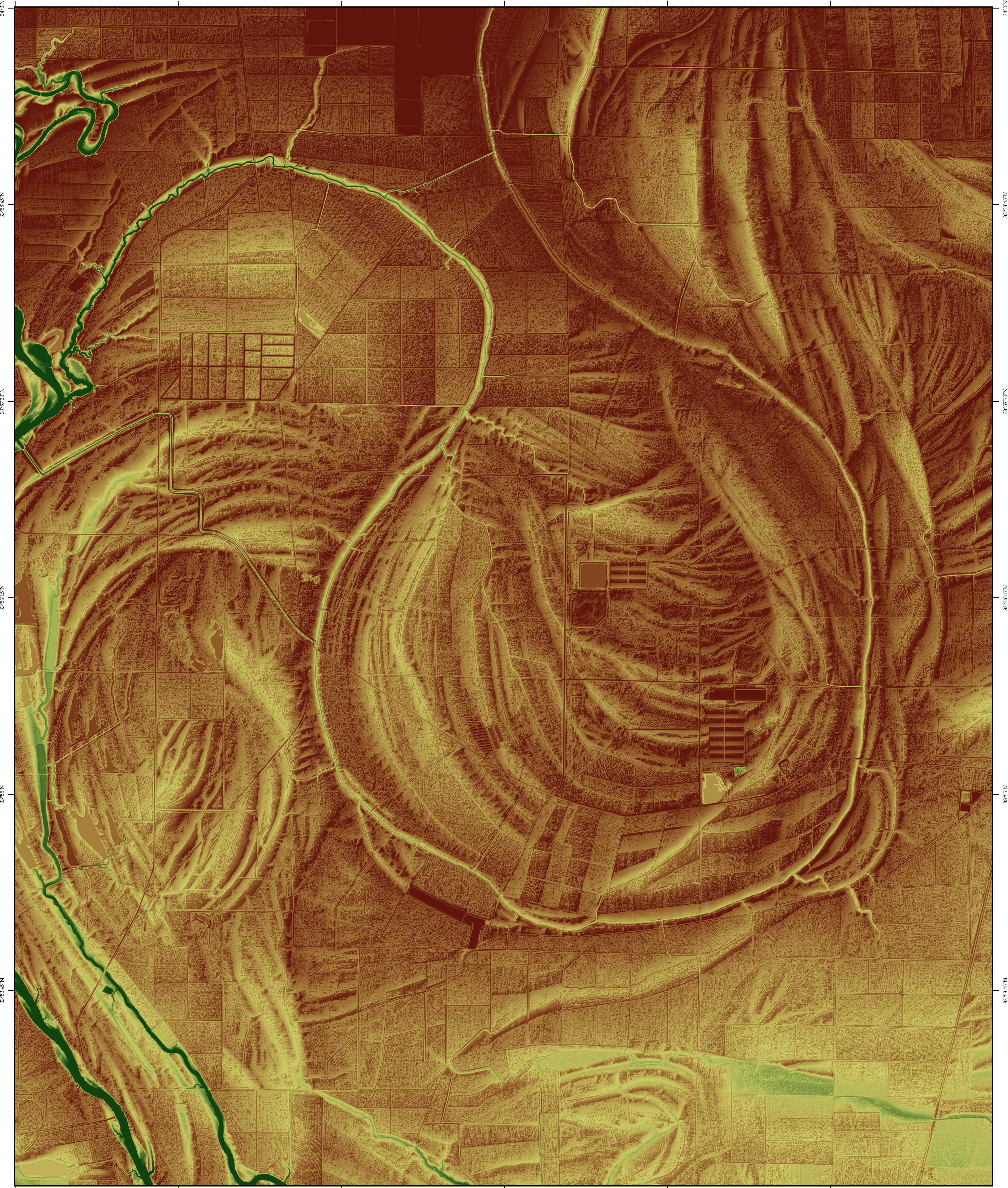
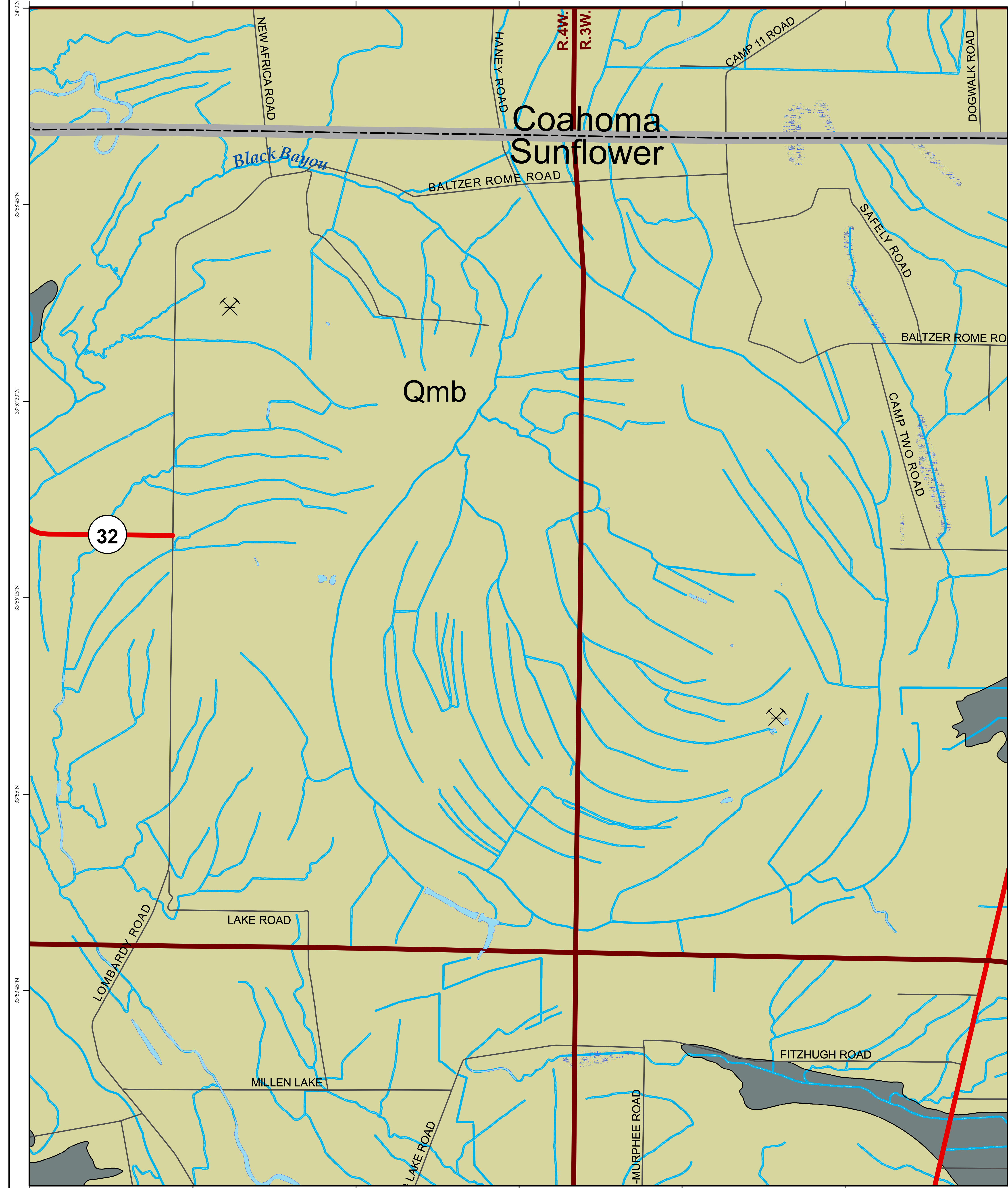




Qal

Qat

Qbs

Qcc

Stream Alluvium

Alluvial Fan

Backswamps

Cut-Off Channels

Qmb

Qt

Qtpl

Tk

Meander Belts

Low Terrace (Stream Terrace)

Loess

Pre-loess Terrace Deposits

Kosciusko Formation

Surface Mines

Contact

Escarpment

Slump Escarpment

Fault



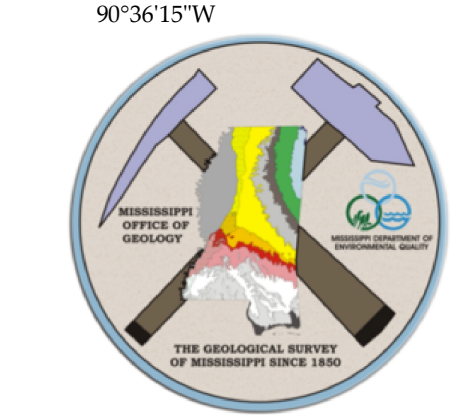
GEOLOGIC MAP OF THE 1:24,000 BALTZER QUADRANGLE

Sunflower and Coahoma Counties, Mississippi

2021

Geology by James E. Starnes, RPG, Jonathan R. Leard, GIT, and Anna L. Reginelli

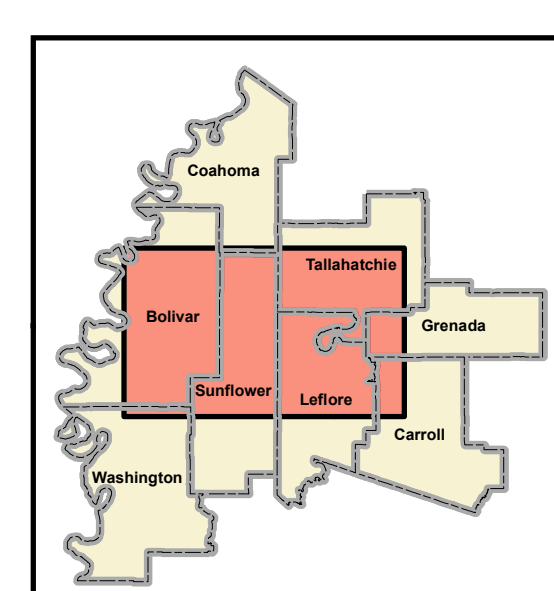
Copyright © 2021 Mississippi Department of Environmental Quality, Office of Geology



This geologic map was funded in part by the U.S. Geological Survey, National Cooperative Geologic Mapping Program, under STATEMAP award number G20AS0006.

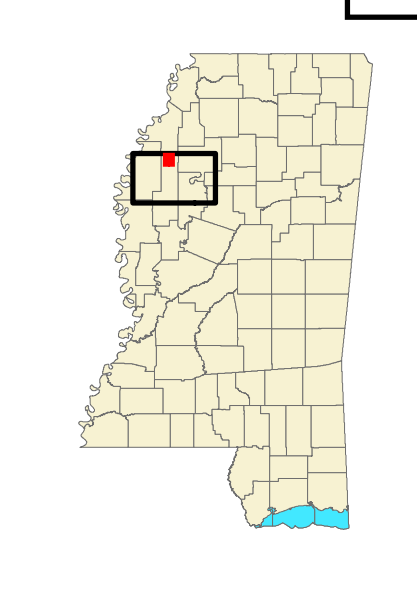
MDEQ-GEOLOGY Geographic Information Systems: Daniel W. Morse
MDEQ-GEOLOGY Drillers: Archie McKenzie and Trey Magree
MDEQ-GEOLOGY Geophysical Logging: Andrew Newcomb and Paul Parrish

Geologic maps are only a guide to current understanding and do not eliminate the need for detailed investigations of specific sites for specific purposes. The views and conclusions contained in this Open-File Report are those of the geologists and should not be interpreted as representing the official policies, either expressed or implied, of the State of Mississippi or of the United States Government.



Base Map produced by the Mississippi Geological Survey

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary Sphere; Datum: WGS 1984; Units: Meter
Elevation: January 01, 2021; Magnetic north declination in quadrangle center is 11° West of true north, changing by 0°5' West per year.
Lidar: Mississippi Department of Environmental Quality (MDEQ), U.S. Army Corps of Engineers (USACE), United States Geological Survey (USGS), Natural Resources Conservation Service (NRCS), Federal Emergency Management Agency (FEMA), National Oceanic and Atmospheric Administration (NOAA), National Park Service (NPS), and Tennessee Valley Authority (TVA) Project spans 2009-2017.
Hydrography: Lidar derived; National Hydrography Dataset (NHD) 2020
Contours: Lidar derived
Roads: Mississippi Department of Transportation (MDOT) 2018
RIS Boundaries: Mississippi Automated Resource Information System (MARIS) 2020
Building Footprints: Microsoft 2019
Surface Mines: MDEQ Office of Geology - Mining and Reclamation Division
Boreholes: MDEQ Office of Geology - Environmental Geology Division



Missouri	East Lake	Cherokee	Cherokee	Seminole	Cherokee	Cherokee	Travis
Louisiana	West Lake	Cherokee	Madison	Texas	Upton	Franklin Lake	Cherokee
Continua	Shady	Shady	Butler	Butte	Utah	Texas	Payson
Bozart	Peak	Wingard	Davis	Shelby	Shelby	Shelby	Cherokee
Leland	Shore	Cherokee	Cherokee	Washington	Shelby	Shelby	Avondale
Wingard	Shore	Shady	Shelby	West Shelby	Washington	Washington	Washington
Leland	Wing Hill	Washington	Washington	Cherry Tree	Shelby	Shelby	Cherry Hill

