

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

- Hua Holocene undifferentiated alluvium
Hsm Small river meander-belt deposits
Hsl Small river natural levee deposits
Hb Backswamp deposits
Hom Ouachita River meander deposits
Hol Ouachita River natural levee deposits
Hod Ouachita River distributary deposits
Hocs Ouachita River crevasse splay deposits
Harm Arkansas River meander-belt deposits
Harl Arkansas River natural levee deposits
Hard Arkansas River distributary deposits

QUATERNARY UNDIFFERENTIATED

- Qc Quaternary colluvium
Qaf Quaternary alluvial-fan deposits

PLEISTOCENE

- Pp Prairie Allogroup, undifferentiated

INTERMEDIATE ALLOGROUP

- Pib Bentley alloformation

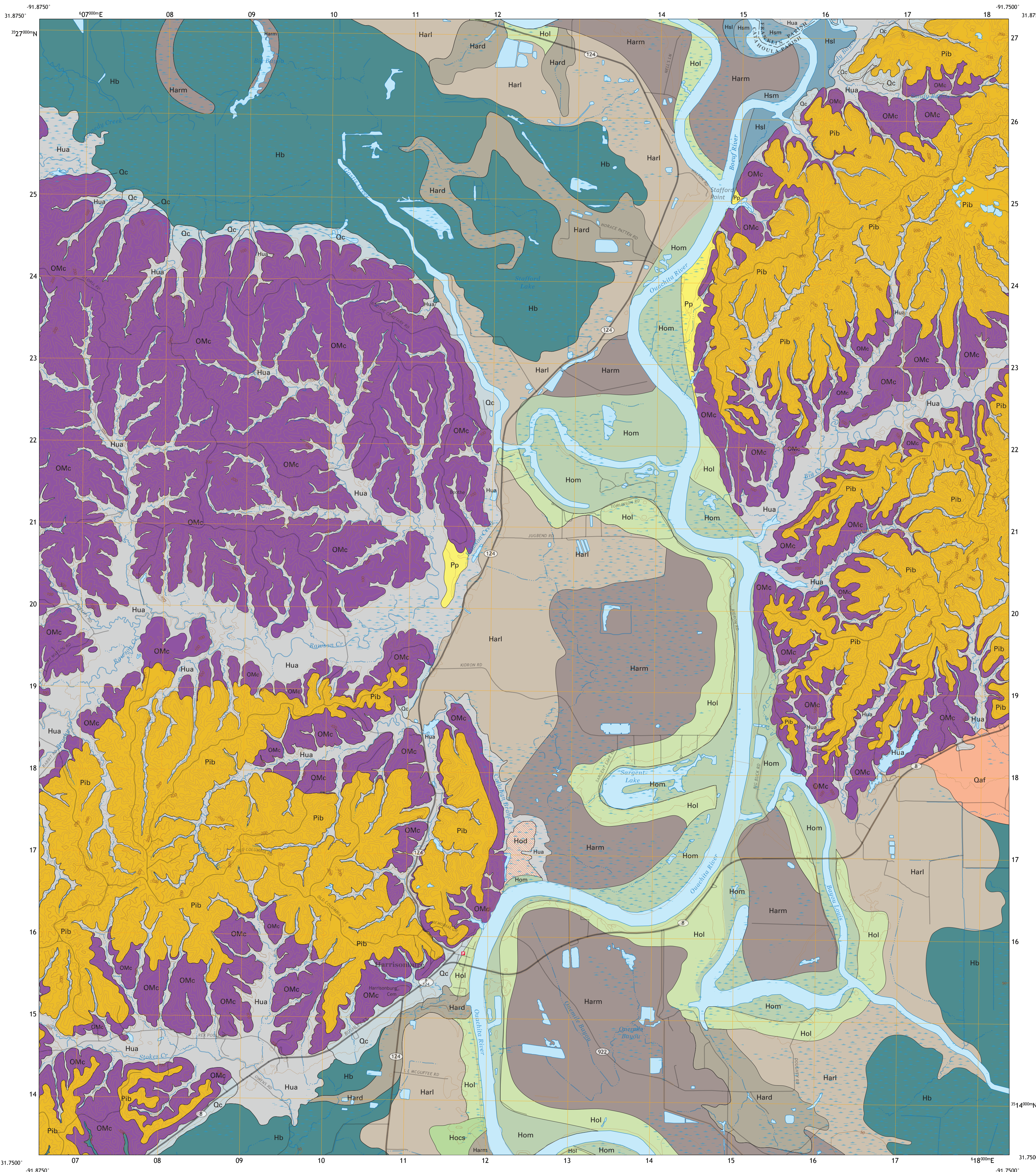
TERTIARY SYSTEM

MIOCENE-OLIGOCENE

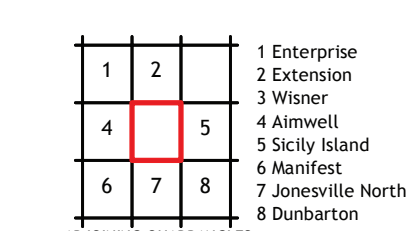
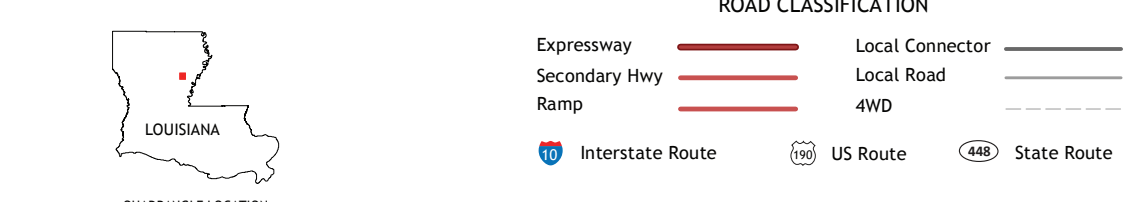
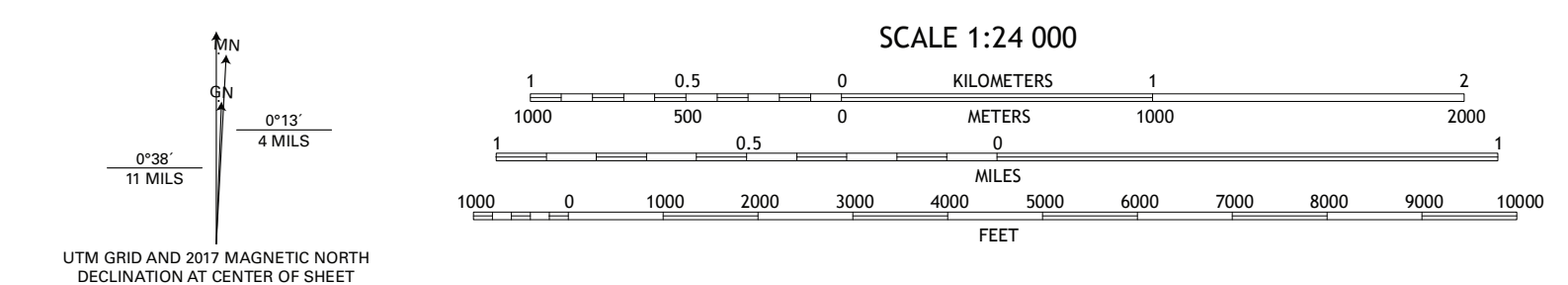
- OMc Catahoula Formation

- Open Water, Inundated Area, Wetland
Contact
Streams
Topographic Contours

References:
Andersen, H. V., 1960, Geology of Sabine Parish...
Andersen, H. V., 1993, Geology of Natchitoches Parish...
Flak, H. N., 1940, Geology of Avoyelles and Rapides parishes...
Galloway, W. E., 1977, Catahoula Formation of the Texas coastal plain...
Galloway, W. E., D. K. Hobday, and K. Magara, 1982, Frio Formation...
Hinds, D. J., 1999, Neogene stratigraphy and depositional environments...
McCulloh, R. P., and P. V. Heinrich, 2002, Geology of the Fort Polk...
Rittenour, T. M., M. D. Blum, and R. J. Goble, 2007, Fluvial evolution...
Rittenour, T. M., R. J. Goble, and M. D. Blum, 2005, Development of an OSL...
Risks, J. M., and D. D. Gooch, 1939, Exposures of Vicksburg Oligocene fauna...
Wrenn, J. H., W. C. Elisk, and R. P. McCulloh, 2003, Paleontologic age...



Produced and published by the Louisiana Geological Survey
3079 Energy, Coast & Environment Building, Louisiana State University
Baton Rouge, LA 70803 • 225/578-5320 • www.lsu.edu/lgs/
Production of this map was supported by the U.S. Geological Survey,
Department of the Interior, under Assistance Award No. 01HQAG0056.
Copyright ©2002, 2021 by the Louisiana Geological Survey
Geology By: Richard P. McCulloh and Paul Heinrich
GIS compilation by: R. Hampton Peele and Anuradha Erangani
Revision GIS by: Robert L. Paulsell
Cartography by: Robert L. Paulsell



HARRISONBURG 2018

Harrisonburg Surface Geology Revised 2021

The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. Government or the state of Louisiana.
This map has been carefully prepared from the best existing sources available at the time of preparation. However, the Louisiana Geological Survey and Louisiana State University do not assume responsibility or liability for any reliance thereon. This information is provided with the understanding that it is not guaranteed to be correct or complete, and conclusions drawn from such data are the sole responsibility of the user. These regional geologic quadrangles are intended for use at the scale of 1:24,000. A detailed on-the-ground survey and analysis of a specific site may differ from these maps.