

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

- Ha Alluvium—Undifferentiated deposits of small upland streams; alluvial deposits of minor streams and creeks of varying textures, filling valleys incised into older deposits.
Hb Backswamp deposits—Fine-grained Holocene deposits of rivers, underlying the flood basins between meander belts.
Hrm Red River meander-belt deposits—Point bar deposits underlying meander belts of the Red River. (This map depicts a union of Hrm1 through Hrm8)
Hrl Red River natural levee deposits—Deposits forming low natural levees flanking the meander belts of the Red River.

PLEISTOCENE

- DEWEYVILLE ALLOGROUP
Pd Deweyville Allogroup, undifferentiated—alluvial deposits of ancestral late Pleistocene coastal plain streams and certain Mississippi River tributaries including the Red, Ouachita, Sabine, Calcasieu, Pearl, and Bogue Chitto valleys. Multiple levels are locally recognized.
PRAIRIE ALLOGROUP
Ppl Upper Prairie Allogroup—Late Pleistocene alluvial deposits of the younger of the Prairie Allogroup temporal phases of the Red River valley. Where observed in the area northwest of Shreveport, the unit consists of grayish clayey very fine sand, with red mottles in places, weathering yellowish to yellowish brown.

INTERMEDIATE ALLOGROUP

- Pimt Montgomery alloformation—meander belt deposits of the Red River in central Louisiana. The unit is blanketed by yellow loam, incises the Bentley alloformation and older units, and is incised by Prairie Allogroup and Holocene units.
Pib Bentley alloformation—dissected alluvial deposits of early Pleistocene streams of primarily the Red River in central Louisiana. The unit is blanketed by yellow loam and incises Tertiary formations; it is incised by younger subunits of the Intermediate allogroup, and by the Prairie Allogroup and younger strata. Equivalent to the Natchez Formation of Mississippi.

TERTIARY SYSTEM

MIOCENE

- Mf Fleming Group, undifferentiated—texturally heterogeneous suite of generally poorly sorted clastic sediments comprising clay, silt/siltstone, and sand/sandstone in varying proportions. Surface exposures in the Alexandria area predominantly comprise grayish, muddy fine to very fine sand, with red mottles in places. In the Florida Parishes of southeastern Louisiana, undifferentiated Fleming Group strata mapped in southern Mississippi as Pascagoula and Hattiesburg formations unconformably underlie the Pliocene Citronelle Formation, but are exposed intermittently in streambed pavements and steep stream cutbanks that are too narrow to map at 1:100,000 scale.

- Open Water, Inundated Area, Swamp
Contact—includes inferred contacts.
Streams
Topographic Contours

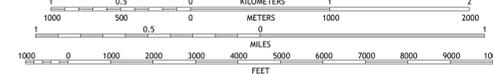
Produced and published by the Louisiana Geological Survey 3079 Energy, Coast & Environment Building, Louisiana State University Baton Rouge, LA 70803 • 225/578-5320 • www.lgs.lsu.edu

This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program under STATEMAP award number 02HQAG0035

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SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
NORTH AMERICAN DATUM OF 1983 (NAD 83)
WORLD GEODETIC SYSTEM 1984 (WGS 84)
UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 15
NORTH AMERICAN VERTICAL DATUM OF 1988

Table with 5 columns and 5 rows showing Rock Hill, Green Gables, Rapides, Libuse, Woodworth West, Woodworth East, and Latanier.



ROAD CLASSIFICATION table with columns for Expressway, Secondary Hwy, Ramp, Interstate Route, US Route, State Route, Local Connector, Local Road, and Railroad.

Base Map.....United States Geological Survey, 2020
Boundaries.....LaDOTD, 2007
Contours.....National Elevation Dataset, 2008 - 2011
Hydrography.....National Hydrography Dataset, 2002 - 2017
Names.....GNIS, 1980 - 2017
Roads.....U.S. Census Bureau, 2017
Wetlands.....FWS National Wetlands Inventory 2021

This research is supported by the U. S. Geological Survey, National Cooperative Geologic Mapping Program. 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 was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.

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Geologic Map of the Alexandria 7.5 minute quadrangle Rapides Parish, Louisiana