



MONROE SOUTH QUADRANGLE LOUISIANA 7.5-MINUTE SERIES



Description of Map Units QUATERNARY SYSTEM

HOLOCENE



Lapine alloformation meander-belt deposits—sandy point bar deposits underlying the abandoned course of a meander belt formed on the depositional surface of the upper Lapine alloformation. Grayish clayey very fine to fine sand with orange-brown mottles.

Lower Lapine alloformation—stratigraphically lower sequence underlying the higher of two depositional surfaces of the Lapine alloformation. Tan to light gray fine to very fine sand, in places clayey and/or gravelly, weathering to yellowish brown or orangish brown coloration. Ironstone nodules are common and range in size up to 0.6 m. Contains some admixed dark brown organic material in places. May be veneered locally by silty colluvium.

Open Water, Inundated Area, Wetland

Contact—includes inferred contacts.

Streams

Topographic Contours

References:

Andersen, H. V., 1960, Geology of Sabine Parish: Louisiana Department of Conservation, Louisiana Geological Survey, Geological bulletin no. 34, 164 p. plus plates (includes one 1:62,500-scale geologic map).

Andersen, H. V., 1993, Geology of Natchitoches Parish: Louisiana Geological Survey, Geological bulletin no. 44, 227 p. plus plates (includes one 1:62,500-scale geologic map).

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U.S. National Grid

00.000 - m Square

WR

d Zone Designat 15S

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Geologic Map of the Monroe South 7.5 minute quadrangle **Ouachita and Richmond Parishes, Louisiana**

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

Local Connector

(448) State Route

ROAD CLASSIFICATION

Local Road

4WD

(190) US Route

Secondary Hwy

Interstate Route

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