

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Ha **Holocene undifferentiated alluvium**—Undifferentiated deposits of small upland streams; unconsolidated alluvial deposits of minor streams and creeks filling valleys incised into older deposits, with textures varying from gravelly sand to sandy mud.

PLEISTOCENE

LOESS—Eolian silt veneer of late Wisconsin age (Peoria Loess) mantling Pleistocene and older strata. Underlain in places by older loess of possible late Sangamon to early Wisconsin age (Sicily Island Loess). Loess is shown where the total thickness of either or both loess units is 1 meter or greater.

PRAIRIE ALLOGROUP

Pp **Prairie Allgroup, undifferentiated**—Sand, very fine to fine, in places clayey and/or semiconsolidated, grayish with yellowish to brownish stains. A surficial weathering mantle developed on the unit in places consists of grayish to yellowish brown loam less than one meter thick.

Pph

Hammond alloformation—deposits of middle to late Wisconsin Coastal Plain streams, blanketed by Peoria Loess, in the Florida Parishes of southeastern Louisiana. Includes flood-plain deposits of the late Pleistocene Mississippi River, exposed in the eastern valley wall of the modern Mississippi River alluvial valley.

INTERMEDIATE ALLOGROUP

Pimo

Montpelier alloformation—Sand, very fine to medium, to sandy deposits including gravel, in places clayey, reddish to yellowish brown with grayish mottles. Contains root casts and ironstone deposits including nodules and stringers in places. A surficial weathering mantle developed on the unit in places consists of reddish to yellowish loam up to two meters thick.

TERTIARY SYSTEM

PLIOCENE

UPLAND ALLOGROUP

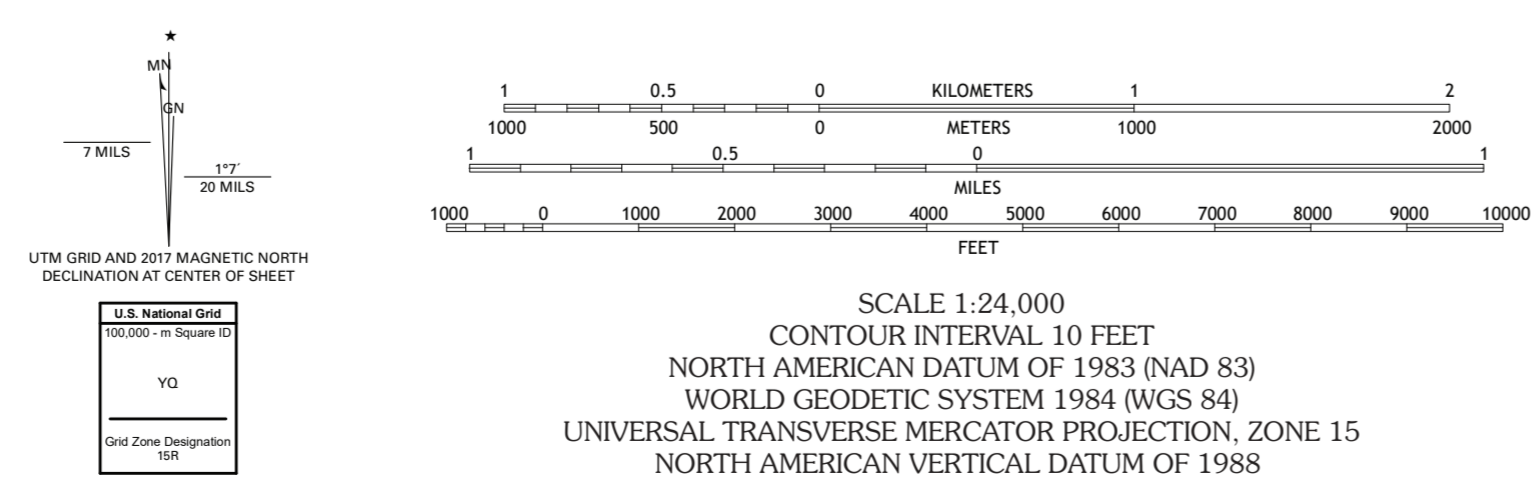
Puc **Citronelle Formation**—Alluvial sediments deposited by Pliocene streams in the Florida Parishes of southeastern Louisiana. Where mapped in the upper Amite River valley, it consists primarily of clayey very fine to coarse sand, with gravelly sand to sandy gravel (comprising chert, quartz, and/or light-colored mud), reddish to reddish brown with grayish to yellowish to brownish mottles, and is blanketed by Peoria and/or Sicily Island Loesses. In places it includes abundant tree root casts and ironstone. Less-weathered exposures of Citronelle may show large-scale cross beds with light grayish, whitish-weathering grains and sparse mica concentrated on cross beds; horizontal bedding; and mud rip-up clasts.

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

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1	2	3	1 Felps
4	5	6	2 Chipola
7	8		3 Liverpool
			4 Bluff Creek
			5 Greensburg
			6 Pride
			7 Pine Grove

ROAD CLASSIFICATION

	Expressway		Local Connector
	Secondary Hwy		Local Road
	Ramp		4WD
	Interstate Route		US Route
			State Route



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

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**Geologic Map of the Hatchersville 7.5 Minute Quadrangle,
East Feliciana and St. Helena Parish, Louisiana**