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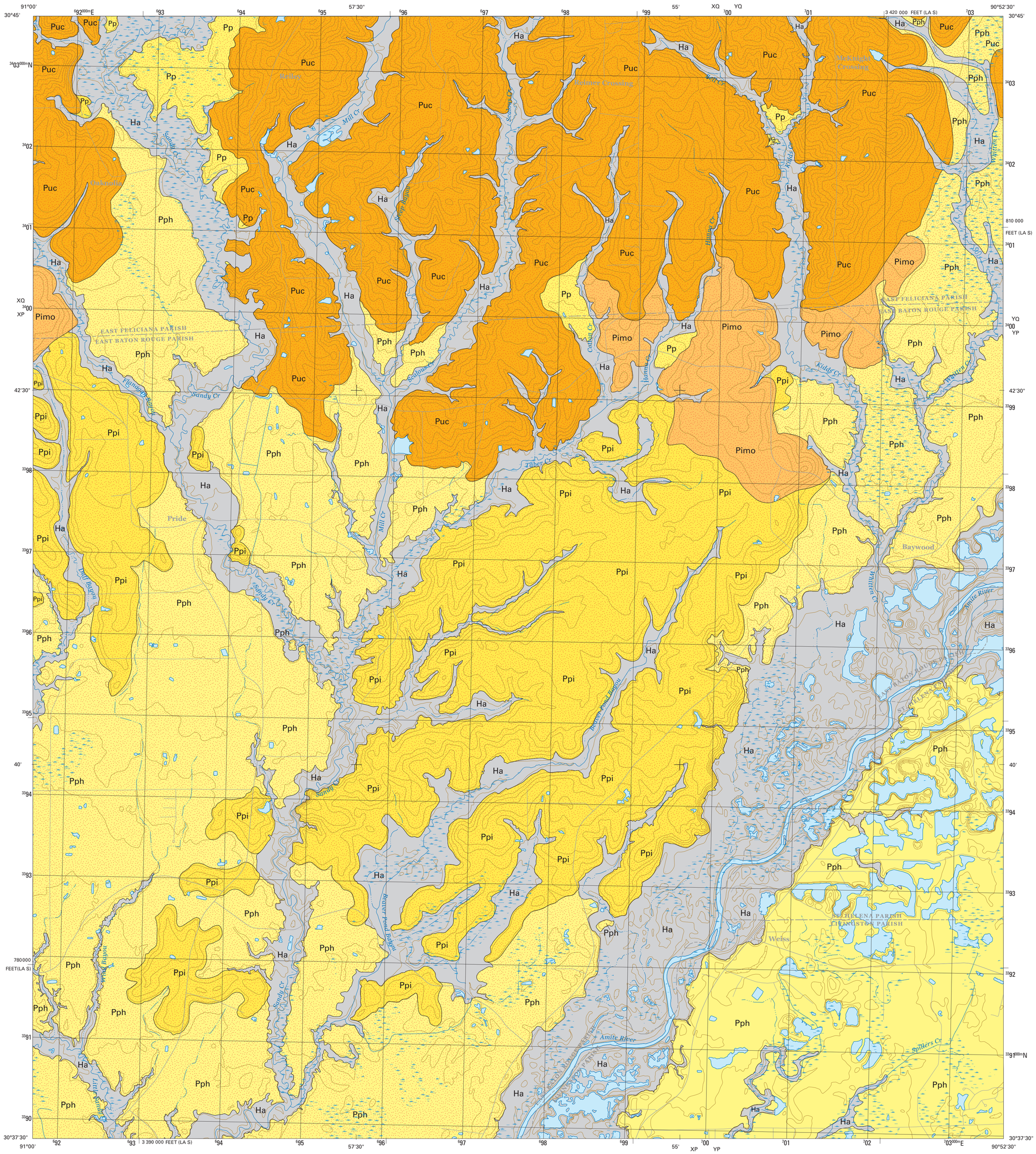
The National Map US Topo

PRIDE QUADRANGLE
LOUISIANA-7.5 MINUTE SERIES



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 Allogroup, undifferentiated—Late to middle Pleistocene deposits of the Mississippi River, its tributaries, and coastal plain streams, undifferentiated where local fluvial terrace remnants flank the more headward portions of stream bottoms. Very fine to fine sand, in places clayey and/or semiconsolidated, grayish with yellowish to brownish stains.

Pph

Hammond alloformation—Deposits of middle to late Wisconsin coastal-plain streams in the Florida Parishes of southeastern Louisiana. It consists of grayish silty clay to very fine to medium sand, with abundant ferromagnesian nodules (≤ 2 cm) in places, and in the northern Pride to western Watson 7.5-minute quadrangles is covered by 1 m or more of Peoria Loess.

Ppi

Irene alloformation—Alluvial deposits of the middle Pleistocene ancestral Mississippi River and local fluvial equivalents of Florida Parishes streams in southeastern Louisiana. Texture ranges from silty clay to coarse sand, with fining-upward sequences common. The upper surface in places is a grayish silty clay with a distinctive mixture of fragmented whitish flakes of silt. Where mapped in Pride 7.5-minute quadrangle, this unit is blanketed by both Peoria and Sicily Island Loess or loess-derived colluvium.

INTERMEDIATE ALLOGROUP

Pimo

Montpelier alloformation—Colluvial and slope deposits of the Florida Parishes of southeastern Louisiana derived from the Pliocene Citronelle Formation. In the Pride quadrangle it consists of silt to clayey very fine to coarse sand, with sandy gravel in places, reddish to yellowish brown with grayish mottles, blanketed by Peoria and/or Sicily Island Loess. Contains root casts and ironstone deposits including nodules and stringers in places.

TERTIARY SYSTEM

PLIOCENE

UPLAND ALLOGROUP

Puc

Citronelle Formation, undifferentiated—Alluvial sediments deposited by Pliocene streams in the Florida Parishes of southeastern Louisiana. Where mapped in the Pride quadrangle, 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 Loess. In places it includes abundant tree root casts and ironstone. Less-weathered exposures of Citronelle may show large-scale cross beds, horizontal bedding, and mud rip-up clasts.

Open Water, Inundated Area, Wetland

Contact—includes inferred contacts.

Streams

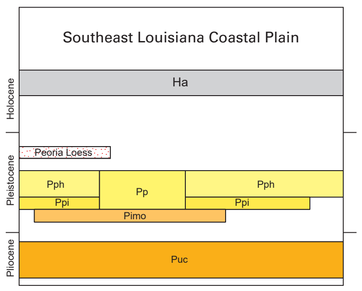
Topographic Contours

References:

Loess distribution based on:

Miller, B. J. (compiler), [1983], [Distribution and thickness of loess in Baton Rouge, Louisiana 1 × 2 degree quadrangle]: Louisiana State University Department of Agronomy, Louisiana Agricultural Center, Louisiana Agricultural Experiment Station, Baton Rouge, unpublished map, Louisiana Geological Survey, scale 1:250,000.

Correlation of Map Units



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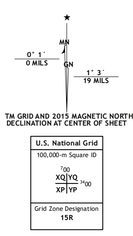
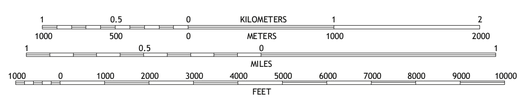
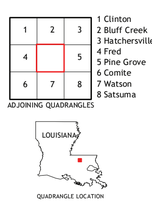
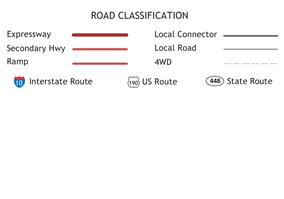




SCALE 1:24,000

Base map from U.S. Geological Survey 1:24,000 GeoPDF
Universal Transverse Mercator Projection, Zone 15
North American Datum 1983 (NAD 83)
Contour Interval 5 Feet
National Geodetic Vertical Datum 1988





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Geologic Map of the Pride 7.5 minute quadrangle
E. Baton Rouge, E. Feliciana, St. Helena, and Livingston 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

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