

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.

PLEISTOCENE

PRAIRIE ALLOGROUP

Pp **Prairie Allogroup, undifferentiated**—diverse depositional sequence of deposits of the Mississippi River, its tributaries, and coastal plain streams; includes terraced fluvial (meander belt, backswamp, and braided stream), colluvial, estuarine, deltaic, and marine units deposited during the Wisconsin to Sangamon interval of the late Pleistocene. Multiple levels along alluvial valleys and coast-parallel trends are grouped into two principal temporal phases. The Prairie Allogroup is undifferentiated where fluvial terrace remnants flank headward portions of stream courses.

TERTIARY SYSTEM

PLIOCENE

UPLAND ALLOGROUP

Puc **Citronelle Formation**—alluvial sediments deposited by Pliocene streams in the Florida Parishes of southeastern Louisiana, blanketed by Peoria and/or Sicily Island Loess. Unconformably underlain by undifferentiated Miocene Fleming Group strata mapped in southern Mississippi as Pascagoula and Hattiesburg formations (Bicker, 1969), intermittent exposures of which comprise streambed pavements and steep stream cutbanks that are too narrow to scale.

Puw **Willis Formation, undifferentiated**—deeply dissected alluvial sediments deposited by Pliocene streams in west-central Louisiana. The unit is unconformably underlain by Tertiary formations of Miocene to Eocene age, and is bounded down-dip by the Lissie surface.

Puwg **Gravel Hill allomember, Willis Formation**—younger of highly weathered, gravelly fluvial sands belonging to the Willis Formation. These fluvial sediments underlie the topographically lowest of five deeply dissected geomorphic surfaces associated with the Willis Formation.

Puwt **Tower Road allomember, Willis Formation**—highly weathered, gravelly fluvial sands. These sediments underlie a deeply dissected terrace surface topographically higher than the terrace surface of the Gravel Hill allomember and topographically lower than the terrace surface of the Dugout Road allomember.

Puwd **Dugout Road allomember, Willis Formation**—highly weathered, fluvial sands. These sediments underlie a deeply dissected terrace surface topographically higher than the terrace surface of the Tower Road allomember and topographically lower than the terrace surface of the Kisatchie allomember.

Puwk **Kisatchie allomember, Willis Formation**—highly weathered, fluvial sands. These sediments underlie a deeply dissected terrace surface topographically higher than the terrace surface of the Tower Road allomember and topographically lower than the terrace surface of the Fort Polk allomember.

Puwf **Fort Polk allomember, Willis Formation**—oldest of highly weathered, fluvial sands belonging to the Willis Formation. These fluvial deposits underlie the topographically highest of five deeply dissected terraces associated with the Willis Formation.

MIocene

Mfb **Blounts Creek Formation, Fleming Group**—a relatively nondescript series of grayish clays and silty very fine to fine sands, silty and very fine to fine sandy clays, and clayey silts. The principal sedimentary structures comprise rare lamination and low-angle cross lamination. Characteristics of the surface Blounts Creek accord generally with fluvial deposition interpreted as characteristic of an upper deltaic plain setting.

Open Water, Inundated Area, Swamp

Contact—includes inferred contacts.

Streams

Topographic Contours

Department of Defence Boundary

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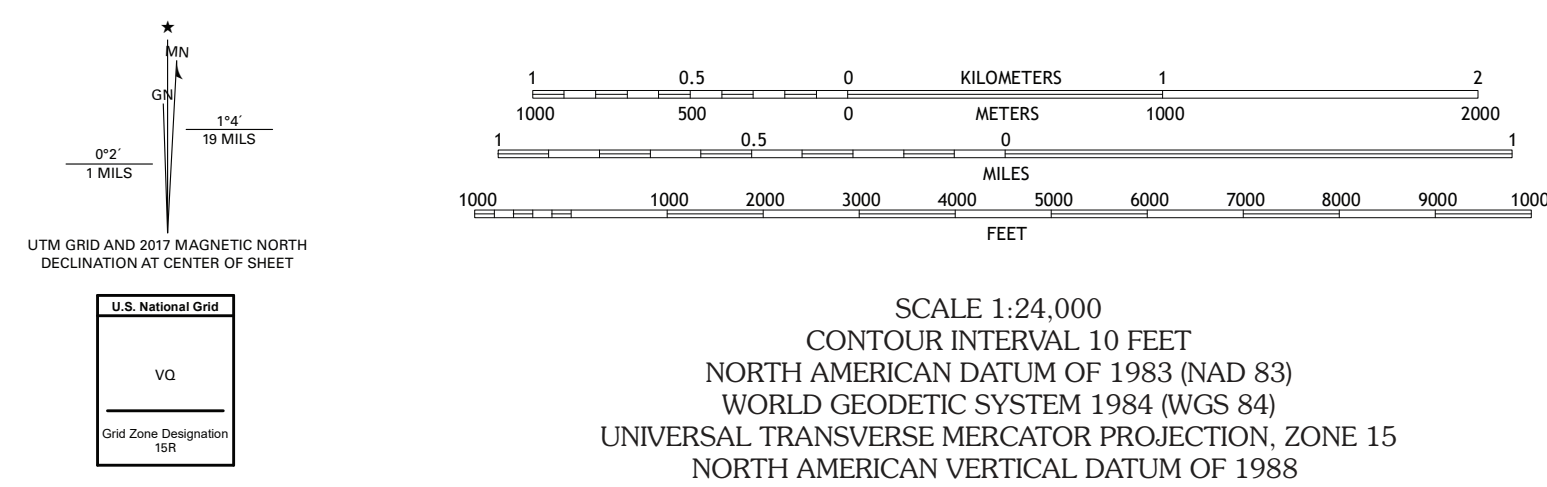
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1	2	3	1 Slagle
2	3	4	2 Simpson South
3	4	5	3 Lacamp
4	5	6	4 Fort Polk
5	6	7	5 Fullerton Lake
6	7	8	6 Hurricane Branch
7	8		7 Sugree
8			8 Pitkin

ROAD CLASSIFICATION	
Expressway	Local Connector
Ramp	4WD
Interstate Route	US Route
FS Primary Route	FS Passenger Route
	FS High Clearance Route

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

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**Geologic Map of the Birds Creek 7.5 Minute Quadrangle,
Vernon Parish, Louisiana**