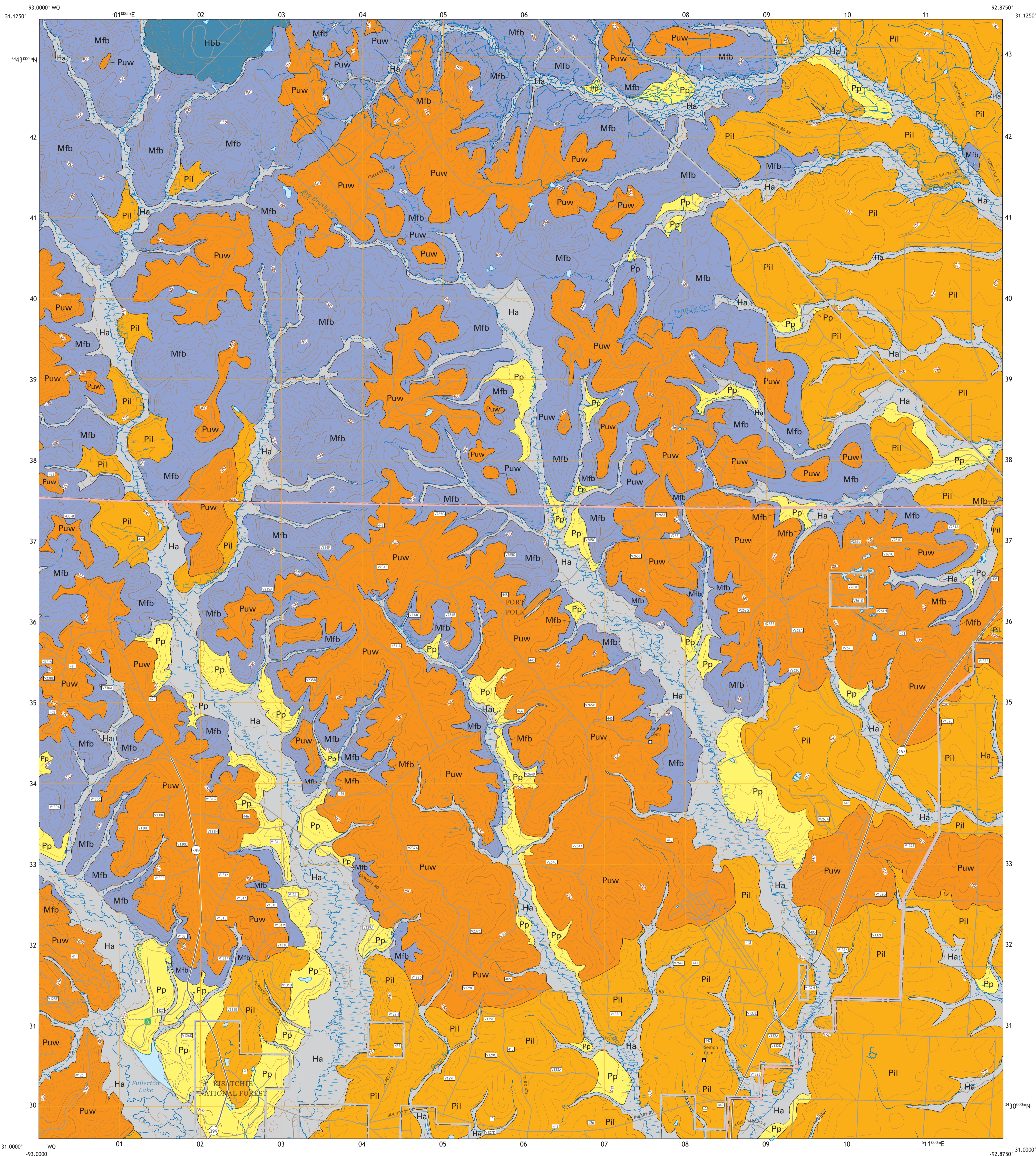


Description of Map Units



- QUATERNARY SYSTEM**
HOLOCENE
- Ha 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.
 - Hbb Big Brushy formation**—sandy to loamy surface unit composed of sediment reworked and redeposited by varying combinations of colluvial, slope, eolian, mass-movement, and pedogenic processes.
- 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**
PLEISTOCENE
INTERMEDIATE ALLOGROUP
- Pil Lissie Allogroup, undifferentiated**—dissected alluvial deposits of early Pleistocene streams. Recognition is facilitated by the subregionally extensive De Ridder surface; previously the Bentley Terrace in southwestern Louisiana. The unit is bounded updip by the Willis surface and downdip by younger subunits of the Intermediate allogroup.
- PLIOCENE**
UPLAND ALLOGROUP
- 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 downdip by the Lissie surface.
- MIOCENE**
FLEMING GROUP
- Mfb Blounts Creek Formation, Fleming Group**—a relatively nondescript series of grayish clayey 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, Wetland**
Streams
Contact—includes inferred contacts.
Topographic Contours

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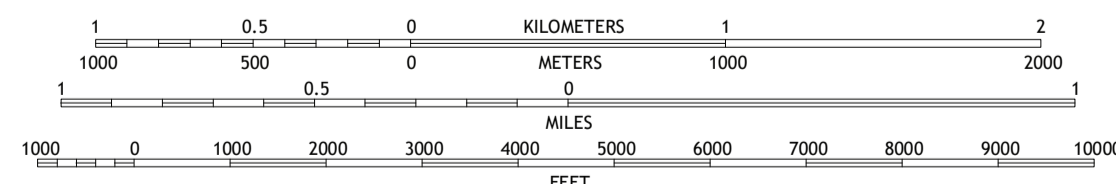
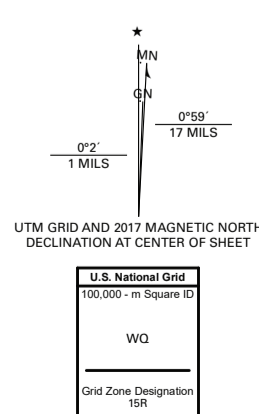
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Geology: Heinrich, P.V. and McCulloh, R.P.

GIS Compilation: Peele, R.H. et al.

Revision GIS/Cartography: Paulsell, R.L.



SCALE 1:24,000

Base map from U.S. Geological Survey 1:24,000 GeoPDF
National Geospatial Program US Topo Product Standard, 2011.
Universal Transverse Mercator Projection, Zone 15
North American Datum 1983 (NAD 83)
Contour Interval 10 Feet
North American Vertical Datum 1988

1	2	3
4	5	6
7	8	

ADJOINING QUADRANGLES

- Expressway
- Secondary Hwy
- Ramp
- Interstate Route
- FS Primary Route
- Local Connector
- Local Road
- 4WD
- US Route
- FS Passenger Route
- FS High Clearance Route
- State 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 - 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 Fullerton Lake 7.5 minute quadrangle
Vernon Parish, Louisiana