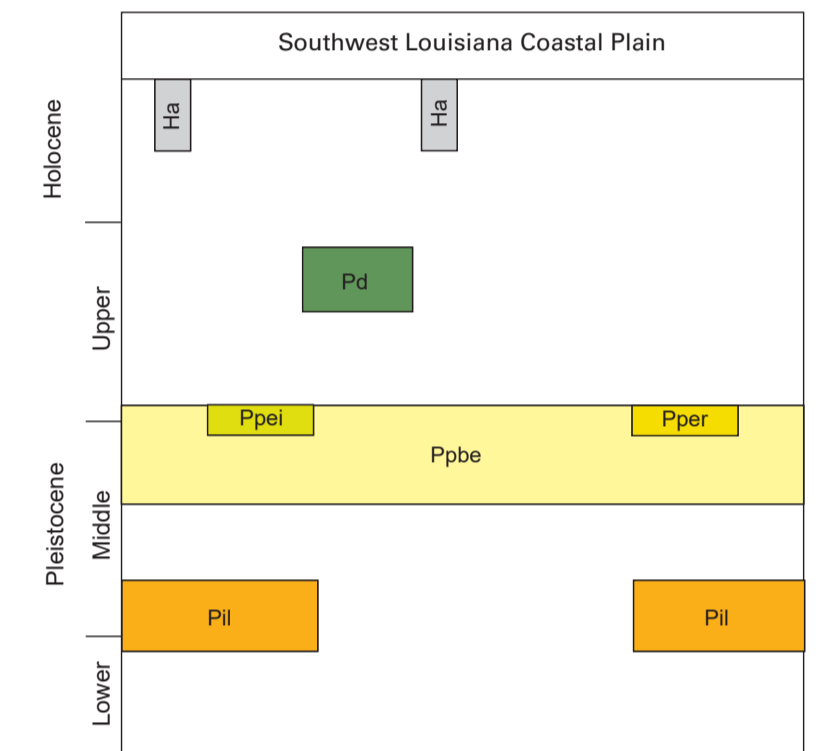


Description of Map Units

- QUATERNARY SYSTEM**
- HOLOCENE**
- Ha** **Holocene undifferentiated alluvium**—undifferentiated deposits of small upland streams; alluvial deposits of minor streams and creeks, of varying textures, filling valleys incised into older deposits.
- PLEISTOCENE**
- Pd** **Deweyville Allogroup, undifferentiated**—alluvial deposits of ancestral late Pleistocene coastal plain streams and certain Mississippi River tributaries including the Red, Ouachita, Sabine, Calcasieu, Pearl, and Bogue Chitto valleys. Multiple levels are locally recognized.
- PRAIRIE ALLOGROUP**
- Ppbe** **Beaumont Alloformation**—coastal-plain deposits of late to middle Pleistocene streams, forming the oldest and topographically highest of the Prairie surfaces of southwestern Louisiana. The surface exhibits relict channels of the Red and Calcasieu River, and the unit includes deposits of the Ingleside barrier trend (Houston ridge).
  - Pper** **Relict Pleistocene ridges**—alluvial remnants delineated on portions of the Beaumont Alloformation.
  - Ppei** **Relict Pleistocene barrier ridge (Houston ridge)**—eastern segment of Ingleside barrier trend; ridge delineated on the surface of the Beaumont Alloformation.
- INTERMEDIATE ALLOGROUP**
- Ppi** **Lissie Alloformation, undifferentiated**—dissected alluvial deposits of middle to early Pleistocene streams. Recognition is facilitated by the subregionally extensive De Ridder surface, previously subdivided into the Montgomery and Bentley terraces in southwestern Louisiana. The unit is bounded up by the Willis surface and down by younger subunits of the Intermediate allogroup.
- Open Water, Inundated Area, Wetland**
- Contact**—includes inferred contacts.
- Normal fault**—Identity and existence certain, location accurate. Ball and bar on downthrown block.
- Roads and Railroads**
- Streams**
- Topographic Contours**

Correlation of Map Units



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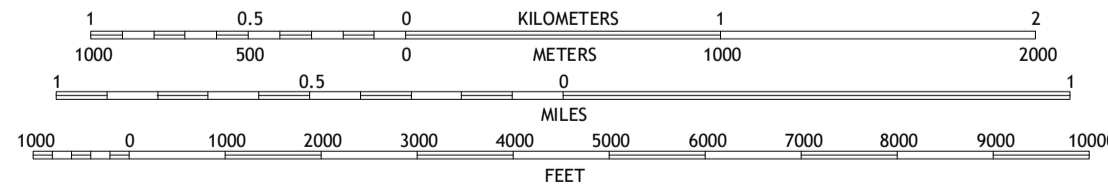
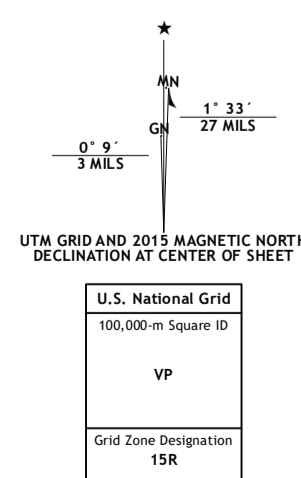
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Geology by: Paul V. Heinrich and Richard P. McCulloh

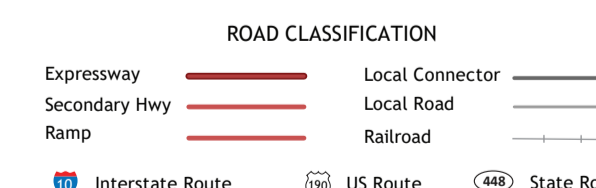
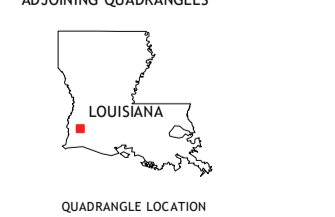
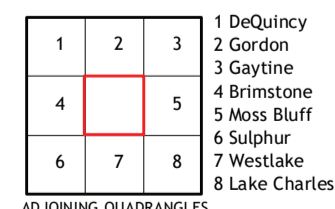
GIS Compilers: R. Hampton Peele, Richard P. McCulloh, Paul V. Heinrich, Malloy N. Thomas

Cartography by: Lisa Pond and Robert Paulsell



SCALE 1:24,000

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



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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Geology of the Buhler 7.5 minute quadrangle  
Calcasieu Parish, Louisiana