

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Ha

**Alluvium**—Undifferentiated deposits in small streams and filling valleys incised into older deposits. It consists of off-white to light brown sands with minimal clay content. The grain size is very fine-grained and consists predominantly of quartz and some dark silicate minerals with minor traces of olive-green silicate minerals and feldspars. The grains are sub-rounded in shape.

PLEISTOCENE

PRAIRIE ALLOGROUP

Pph

**Hammond alloformation**—Consists of reddish-brown, brown, and orange sandy deposits. The grain size ranges from very fine sand to fine sand. The grains are sub-rounded. They are predominantly quartz with some dark silicate minerals and minor traces of feldspar and iron oxide.



**Open Water, Inundated Area, Wetland**



**Normal fault**—Identity and existence certain, location accurate. Ball and bar on downthrown block.



**Concealed fault**—Identity and existence certain, location concealed. Ball and bar on downthrown block.



**Streams**



**Contact**



**Topographic Contours**

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Correlation Chart

Southeast Louisiana Coastal Plain	
Holocene	Ha
Pleistocene	Pph

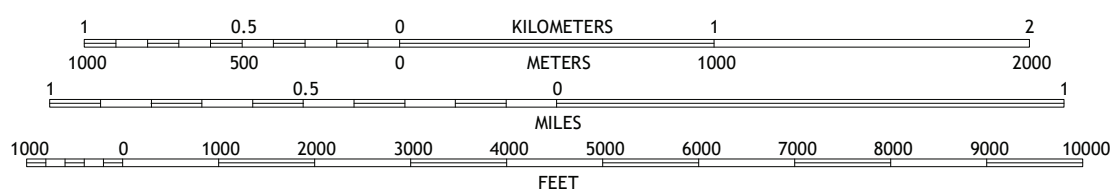
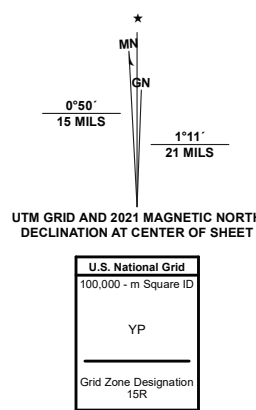
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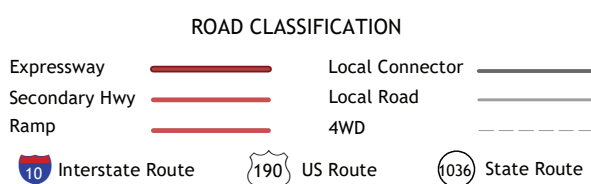
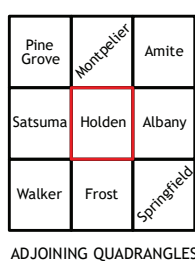
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SCALE 1:24,000  
CONTOUR INTERVAL 5 FEET  
CONTOUR SMOOTHNESS - MEDIUM  
NORTH AMERICAN DATUM OF 1983 (NAD 83)  
WORLD GEODETTIC SYSTEM 1984 (WGS 84)  
UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 15  
NORTH AMERICAN VERTICAL DATUM OF 1988



Base Map.....United States Geological Survey, 2024  
Data provided by The National Map (TNM), is the best available at the time of map generation, and includes data content from supporting themes of Elevation, Hydrography, Geographic Names, Transportation, Structures, and Land Cover.  
Boundaries.....LaDOTD, 2007  
Wetlands.....FWS National Wetlands Inventory 2021

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## Geologic Map of the Holden 7.5 Minute Quadrangle, Livingston Parish, LA