

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Hua
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

PRAIRIE ALLOGROUP

Pph
Hammond alloformation—Deposits of middle to late Wisconsin coastal-plain streams in the Florida Parishes of southeastern Louisiana. In the upper Atchite River valley area it consists of grayish silty clay to very fine to medium sand, with yellowish and brownish mottles and abundant ferromagnesian nodules (≤2 cm) in places, and in Satsuma quadrangle is covered by less than 1 m of loess.

Pplr
Relict Pleistocene ridges—Alluvial remnants (predominantly sand hills) delineated on portions of the surface of the Hammond alloformation.

Ppi
Irene alloformation—Alluvial deposits of the middle Pleistocene ancestral Atchite River and other 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. In the Satsuma quadrangle this unit is blanketed by less than 1 m of loess, or loess-derived colluvium.

Open Water

Normal Fault—Ball and bar on downthrown side.

Inferred Fault—Identity and existence certain, location inferred. Ball and bar on downthrown side.

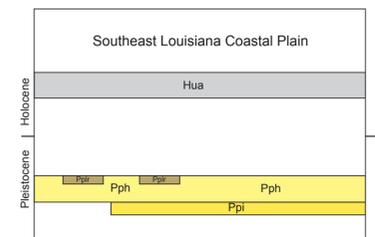
Concealed Fault—Identity and existence certain, location concealed. Ball and bar on downthrown side.

Streams

Contact—includes inferred contacts.

Topographic Contours

Correlation of Map Units



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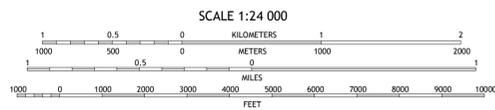
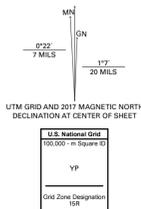
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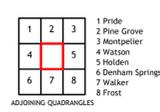
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Contour Interval 5 Feet
North American Vertical Datum of 1988
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84)
Projection and 1,000-meter grid: Universal Transverse Mercator, Zone 15R



SATSUMA, LA
2018

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