

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

**LOESS**—Eolian silt veneer of late Wisconsin age (Peoria Loess) mantling Pleistocene strata. Loess is less than 1 m thick over most of Walker quadrangle, but thickens to 1–3 m in a small area of its southwest corner (Miller, 1983). It consists of gray to brown clayey silt to silty clay, in places with nodules, organic matter, calcareous and/or iron-oxide stains and/or nodules, light gray to dark brown mottles, and some very fine to fine sand.

PRAIRIE ALLOGROUP

**Hammond alloformation**—Deposits of middle to late Wisconsin coastal-plain streams in the Florida Parishes of southeastern Louisiana. In Walker quadrangle it consists of clayey fine to very fine sand, grayish with yellowish-brownish mottles, and is covered by less than 1 m of loess in most places except in a small area of the southwest corner.

**Open Water**

**Wetlands**

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

**Escarpments**—Marks the valley walls of late Pleistocene paleovalleys within the Hammond alloformation.

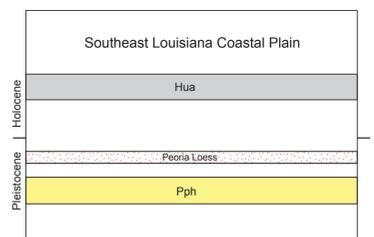
**Streams**

**Contact**—includes inferred contacts.

**Topographic Contours**

**Reference:**  
Miller, B. J. (compiler), [1983], (Distribution and thickness of loess in Baton Rouge, Louisiana 1 x 2 degree quadrangle); Louisiana State University Department of Agronomy, Louisiana Agricultural Center, Louisiana Agricultural Experiment Station, Baton Rouge, unpublished map, Louisiana Geological Survey, scale 1:250,000.

Correlation of Map Units



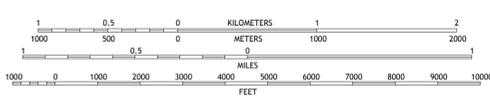
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SCALE 1:24,000

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 5 Feet  
National Geodetic Vertical Datum 1988



|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 |   |

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

|                  |                 |
|------------------|-----------------|
| Expressway       | Local Connector |
| Secondary Hwy    | Local Road      |
| Ramp             | Railroad        |
| Interstate Route | US Route        |
|                  | State Route     |

WALKER, LA  
2020

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Walker 7.5 Minute Geologic Quadrangle 2020