Geologic Map of the Breaux Bridge 7.5 Minute Quadrangle

Lafayette and St. Martin Parishes, Louisiana

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. Backswamp deposits—Fine-grained Holocene deposits of rivers, underlying the

within the Bayou Teche occupation of Mississippi River meander-belt No. 3. Locally, these deposits may include younger natural levee and overbank deposits of the

youngest (Bayou Teche) occupation of Mississippi river meander belt 3, buried by a

Mississippi River meander belt 3, lower deposits—Point bar deposits of an

Natural levee complex of Mississippi River meander belt 3, lower deposits—Deposits composing low natural levees flanking the older (Bayou

Distributary complex of Mississippi River meander belt 3, lower deposits—Natural levee deposits of the distributary course of an older (Bayou

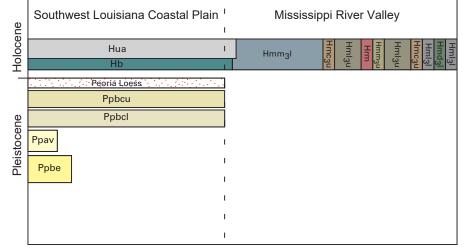
and consists of gray to brown clayey silt to silty clay, in places with rootlets, organic matter, calcareous and/or iron-oxide stains and/or nodules, light gray to dark brown

underlying the higher of two geomorphic surfaces developed on the Big

occupied by relict channels of the Lafayette meander belt. Gray, tan, and brown clay, silt, and sand, in places calcareous and/or carbonaceous, or with clay pockets, silt seams, laminae of clayey silt and sand, sand layers, sediment overlies the Beaumont Alloformation adjacent to the edge of the

Pleistocene streams, forming the oldest and topographically highest of the clay, silt, and sand, in places with Fe nodules (≤ 2 mm). Subsurface data indicate that in its upper 80+ m the unit in places shows a transition from fining-upward gravel, overlain by coarse sand and gravel, to fining-upward sand (coarse to fine) and clay at the surface. In areas to the north and west Mermentau, and Calcasieu Rivers, and the unit includes deposits of the

Mateo, Z. R. P., 2005, Fluvial response to climate and sea-level change, Prairie Complex, Lower Mississippi Valley: M.S. thesis, University of Illinois, Chicago, 66 p. Miller, B. J. (compiler), [1983], [Distribution and thickness of loess in Baton Rouge,



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.National Hydrography Dataset, 2002 - 2017

..FWS National Wetlands Inventory 2021

...GNIS, 1980 - 2017

..U.S. Census Bureau, 2017

Hydrography..

Names...

Wetlands..

Roads...

preparation. However, the Louisiana Geological Survey and Louisiana State University do not assume responsibility or liability for any reliance thereon. This information is provided with the understanding that it is not guaranteed to be correct or complete, and conclusions drawn from such data are the sole responsibility of the user. These geologic quadrangles are intended for use at the scale of 1:24,000. A detailed on-the-ground survey and analysis of a specific site may differ from these maps.