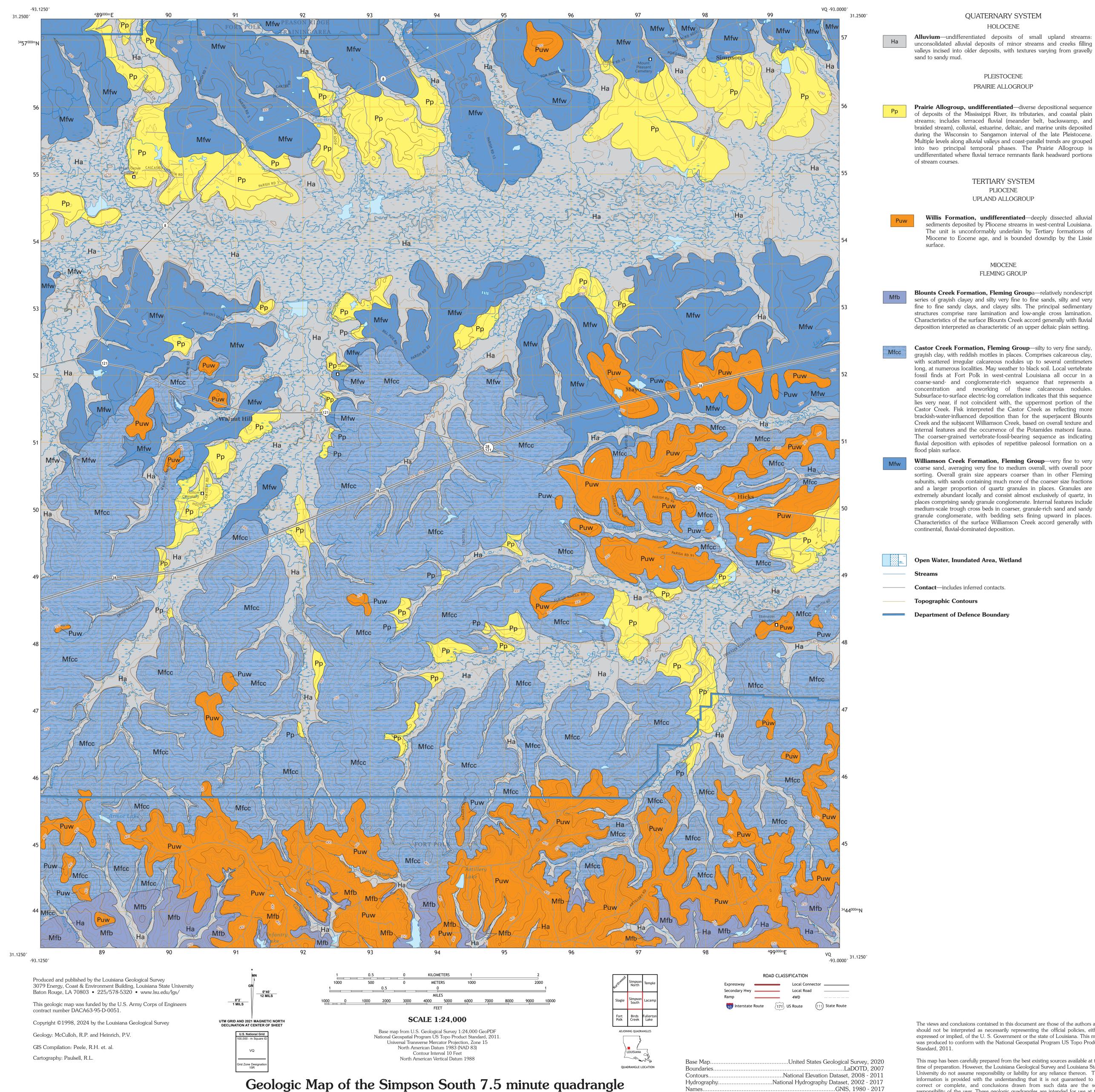




SIMPSON SOUTH QUADRANGLE LOUISIANA - 7.5-MINUTE TOPO



Vernon Parish, Louisiana

Description of Map Units

The coarser-grained vertebrate-fossil-bearing sequence as indicating fluvial deposition with episodes of repetitive paleosol formation on a

Williamson Creek Formation, Fleming Group—very fine to very coarse sand, averaging very fine to medium overall, with overall poor sorting. Overall grain size appears coarser than in other Fleming subunits, with sands containing much more of the coarser size fractions and a larger proportion of guartz granules in places. Granules are extremely abundant locally and consist almost exclusively of quartz, in places comprising sandy granule conglomerate. Internal features include medium-scale trough cross beds in coarser, granule-rich sand and sandy granule conglomerate, with bedding sets fining upward in places. Characteristics of the surface Williamson Creek accord generally with

The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. Government or the state of Louisiana. This map was produced to conform with the National Geospatial Program US Topo Product

This map has been carefully prepared from the best existing sources available at the time of 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.

..U.S. Census Bureau, 2017

..FWS National Wetlands Inventory 2021

Roads..

Wetlands.