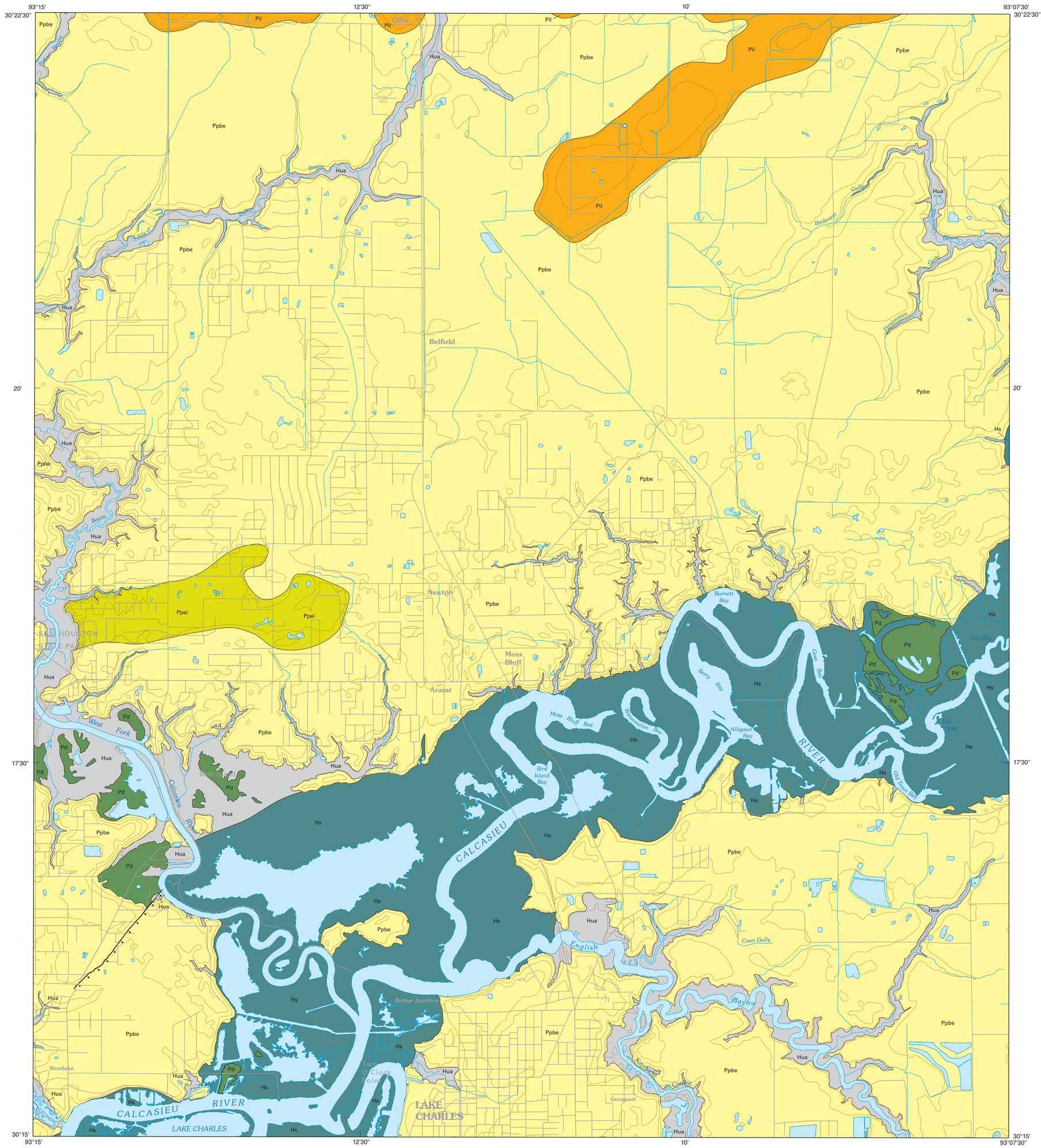


Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Hua — **Holocene undifferentiated alluvium**—undifferentiated deposits of small upland streams: alluvial deposits of minor streams and creeks, of varying textures, filling valleys incised into older deposits.

Hs — **Small river deposits, undifferentiated**—undifferentiated alluvial deposits consisting of natural levee, overbank, and abandoned channel sediments within the river valley.

PLEISTOCENE

DEWEYVILLE ALLOGROUP

Pd — **Deweyville Allogroup, undifferentiated**—alluvial deposits of ancestral late Pleistocene coastal plain streams and certain Mississippi River tributaries including the Red, Ouachita, Sabine, Calcasieu, Pearl, and Bogue Chitto valleys. Multiple levels are locally recognized.

PRAIRIE ALLOGROUP

Ppbe — **Beaumont Alloformation**—coastal-plain deposits of late to middle Pleistocene streams, forming the oldest and topographically highest of the Prairie surfaces of southwestern Louisiana. The surface exhibits relict channels of the Red and Calcasieu River, and the unit includes deposits of the Ingleside barrier trend (Houston Ridge).

Ppei — **Relict Pleistocene barrier ridge (Houston ridge)**—eastern segment of Ingleside barrier trend; ridge delineated on the surface of the Beaumont Alloformation.

INTERMEDIATE ALLOGROUP

Pil — **Lissie Alloformation, undifferentiated**—dissected alluvial deposits of middle to early Pleistocene streams. Recognition is facilitated by the subregionally extensive De Ridder surface; previously subdivided into the Montgomery and Bentley terraces in southwestern Louisiana. The unit is bounded updip by the Willis surface and downdip by younger subunits of the Intermediate allogroup.

Open Water

Contact—includes inferred contacts.

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

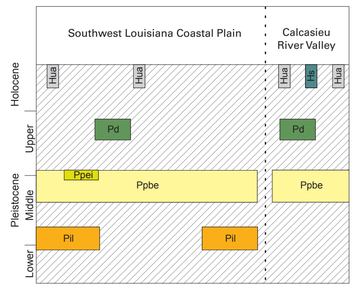
Concealed fault—Identity and existence certain, location concealed. Ball and bar on downthrown block.

Roads and Railroads

Streams

Topographic Contours

Correlation of Map Units



Produced and published by the Louisiana Geological Survey
3079 Energy, Coast & Environment Building, Louisiana State University
Baton Rouge, LA 70803 • 225/578-5320 • www.lgs.lsu.edu

This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program under StateMap award number G14AC00222, 2014.

Roads: HERE, ©2013-2014
Names: GNIS, 2015
Hydrography: National Hydrography Dataset, 2013
Contours: National Elevation Dataset, 2008

Geology by: Paul V. Heinrich and Richard P. McCulloh

GIS Compilers: R. Hampton Peele, Richard P. McCulloh, Paul V. Heinrich, Mallory N. Thomas

Cartography by: Lisa Pond and Robert Paulsell

01° 28' E
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 2015

1 1/2 0 1 MILE
1 .5 0 1 KILOMETER

SCALE 1:24,000

Base map from U.S. Geological Survey 1:24,000
Universal Transverse Mercator Projection, Zone 15
North American Datum 1983
Contour Interval 5 Feet
National Geodetic Vertical Datum 1988

QUADRANGLE LOCATION

Louisiana Geological Survey
Earth Science Serving Louisiana
1934

Chacko J. John
Director & State Geologist

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.

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Moss Bluff 7.5 Minute Geologic Quadrangle

Open File Series 2015-02

MOSS BLUFF, LOUISIANA