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MOSS BLUFF, LOUISIANA
7.5 MINUTE QUADRANGLE SERIES

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Ha — **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, Inundated Area, Wetland

Contact—includes inferred contacts.

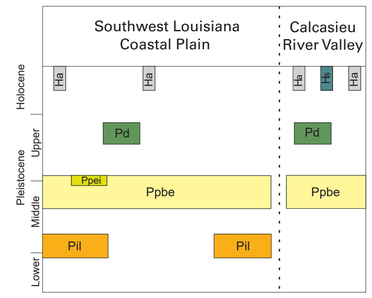
Normal fault—Identity and existence certain, location accurate. Ball and bar on downthrown block.

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

Streams

Topographic Contours

Correlation of Map Units



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UTM GRID AND 2015 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
VP
Grid Zone Designation
15R

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

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

ROAD CLASSIFICATION

Expressway — Local Connector
Secondary Hwy — Local Road
Ramp — 4WD
Interstate Route (10) — US Route (190) — State Route (448)

Geology of the Moss Bluff 7.5 minute quadrangle
Calcasieu Parish, Louisiana

Base Map	United States Geological Survey, 2020
Boundaries	LaDOTD, 2007
Contours	National Elevation Dataset, 2008 - 2011
Hydrography	National Hydrography Dataset, 2002 - 2017
Names	GNIS, 1980 - 2017
Roads	U.S. Census Bureau, 2017
Wetlands	FWS National Wetlands Inventory 2021

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