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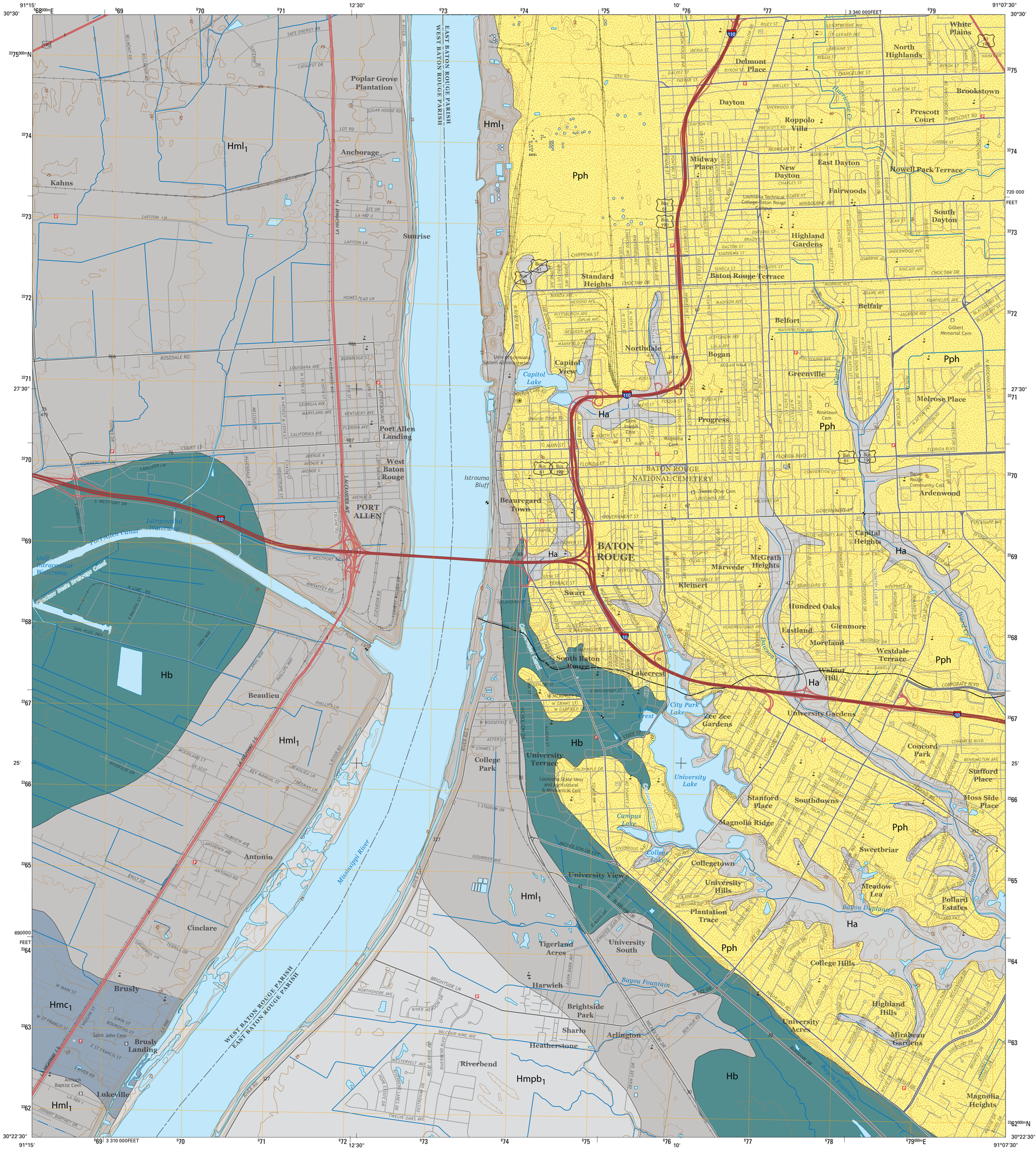
The National Map US Topo

BATON ROUGE WEST QUADRANGLE
LOUISIANA
7.5-MINUTE SERIES



Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Hmpb$_1$ — Mississippi River point bar deposits belt 1 — Point bar deposits of Mississippi River meander belt 1, buried by a thin layer of overbank sediments. Sand-size grains and deposit is composed of quartz, mica, iron oxide, and a trace of dark-colored mafic silicate minerals.

Hmc$_1$ — Crevasse and crevasse complex deposits of the Mississippi River meander belt 1 — Silty to sandy crevasse splay deposits of Mississippi River meander belt 1. Crevasse splays are partially overlain in some places by point bar deposits. Grains are silt to sand-size and the deposit is composed of quartz, mica, iron oxide, and a trace amount of dark-color mafic silicate minerals.

Hml$_1$ — Levee overbank flood deposits of the Mississippi River meander belt 1 — Clayey to Silty deposits of the natural levee flanking Mississippi River meander belt 1. This deposit becomes more clayey at the distal side of the river. Minerals presents include quartz, iron oxide, and mica.

Hb — Backswamp deposits—Holocene deposits of the Mississippi and Atchafayala rivers. They consist of fine-grained, usually clayey and often organically rich sediments that underlie flood basins between meander-belts.

PLEISTOCENE

Peoria Loess—Eolian silt veneer of late Wisconsin age mantling Pleistocene and older strata. Loess is shown where the total thickness is 1 meter or greater.

Pph — Hammond alloformation — Rust-yellow, rust-orange, and reddish-brown silty and fine sandy mud. Depositional structures (laminations) and half-centimeter scale Skolithos ichnofossils are diagnostic. Clay vs. silt and fine sand fraction vary with location, the latter dominated by quartz with feldspar and light and dark mica.

Open Water, Inundated Area, Wetland

Faults—normal (Ball and bar on downthrown block, dashed where concealed.

Streams

Contacts

Topographic Contours

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UTM GRID AND 2015 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

SCALE 1:24,000
CONTOUR INTERVAL 5 FEET
NORTH AMERICAN DATUM OF 1983 (NAD 83)
WORLD GEODETIC SYSTEM 1984 (WGS 84)
UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 15
NORTH AMERICAN VERTICAL DATUM OF 1988

ADJOINING QUADRANGLES: 1 Walls; 2 Scotlandville; 3 Comite; 4 Lobdell; 5 Baton Rouge East; 6 Addis; 7 Plaquemine; 8 Saint Gabriel

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Expressway; Secondary Hwy; Ramp; Local Connector; Local Road; 4WD
Interstate Route; US Route; State Route

Geologic Map of the Baton Rouge West 7.5 Minute Quadrangle, East Baton Rouge and West Baton Rouge Parishes, 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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