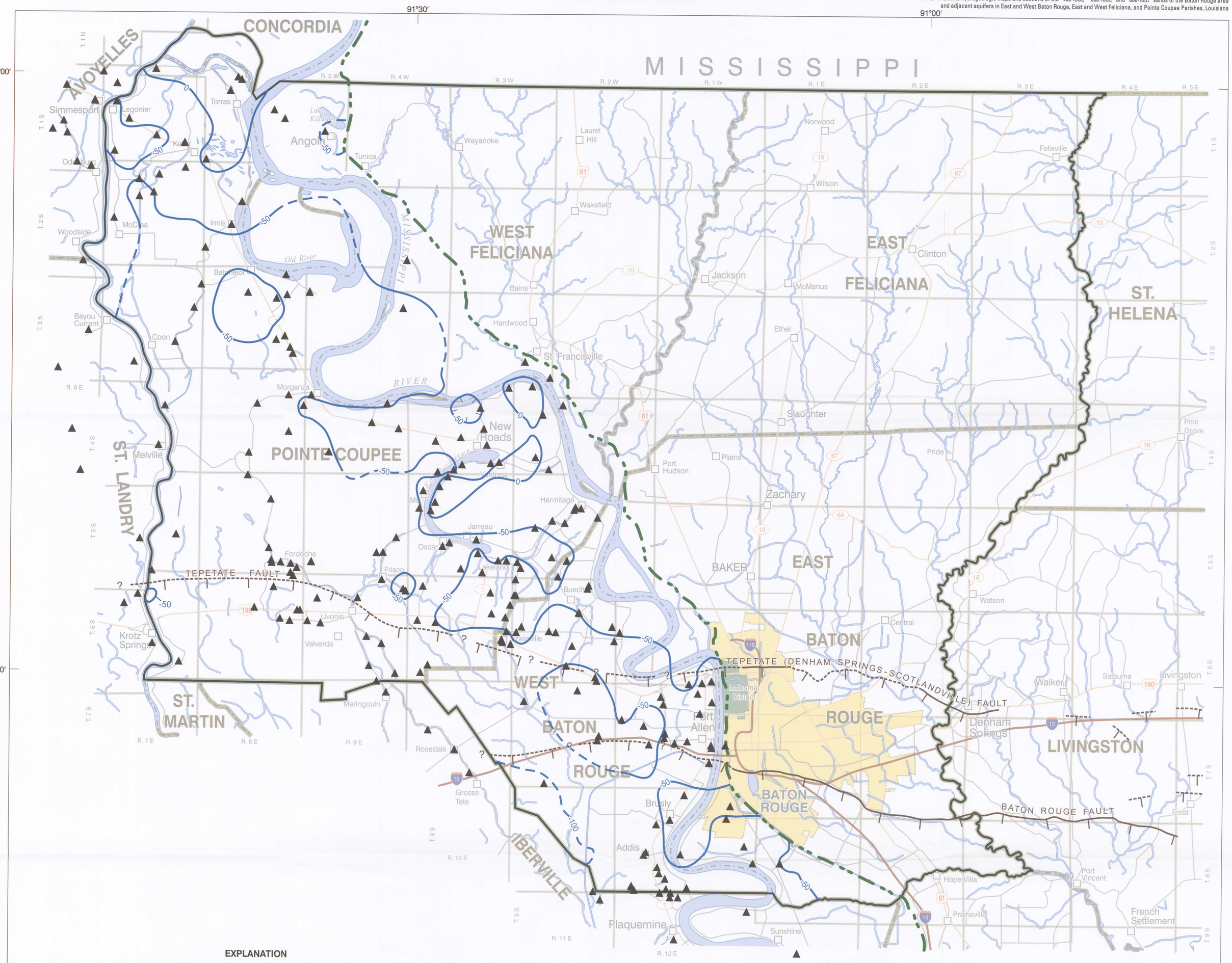
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
CAPITAL AREA GROUND WATER
CONSERVATION COMMISSION

SCIENTIFIC INVESTIGATIONS REPORT 2006-5072
Altitude of the top of the Mississippi River alluvial aquifer--PLATE 2
Griffith, J.M., 2006, Hydrogeologic maps and sections of the "400-foot," "600-foot," and "800-foot" sands of the Baton Rouge area and adjacent aquifers in East and West Baton Rouge, East and West Feliciana, and Pointe Coupee Parishes, Louisiana



Base map modified from Louisiana Oil Spill Coordinator, Office of the Governor, Louisiana GIS CD: A Digital Map of the State, Version 2.0, 2000, Universal Transverse Mercator projection Zone 15

EXPLANATION

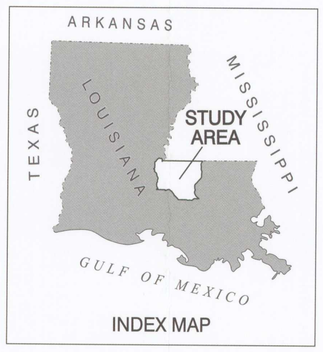
FAULT –
Dashed and queried where probable. Hachures on downthrown side (Modified from McCulloh, 1991, pl. Ia-e)

FLOOD-PLAIN BOUNDARY –
Northeast boundary of the Mississippi River flood plain and the Mississippi River alluvial aquifer (Kuniansky and others,1989, fig. 2; Saucier, 1994, v. 2, pls. 24, 25)

STRUCTURAL CONTOUR –
Shows depth of the top of the Mississippi River alluvial aquifer. Dashed where approximately located. Hachures indicate areas of lower altitude. Contour interval 50 feet. Vertical datum is NGVD 29

CONTROL POINT –
Shows location of well used for contouring structural surface. See plate 1 for well name or number

0 10 MILES
0 10 KILOMETERS



INDEX MAP

Plate 2. Altitude of the top of the Mississippi River alluvial aquifer in East and West Baton Rouge, East and West Feliciana, and Pointe Coupee Parishes, southeastern Louisiana.