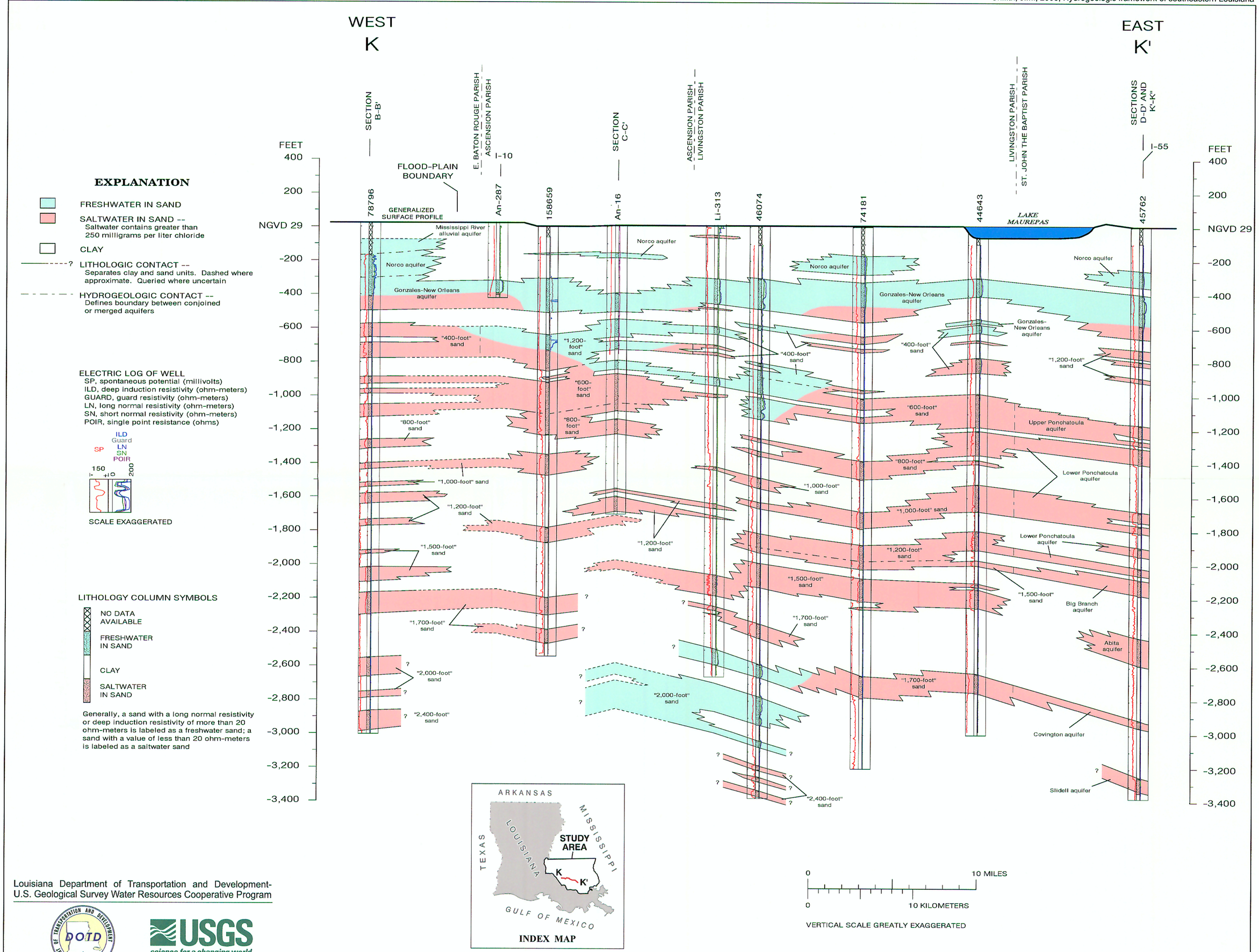
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
OFFICE OF PUBLIC WORKS AND INTERMODAL
PUBLIC WORKS AND WATER RESOURCES DIVISION

Prepared in cooperation with the
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

WATER RESOURCES TECHNICAL REPORT 72
West-to-east hydrogeologic section K-K', southeastern Louisiana--**PLATE 15**
Griffith, J.M., 2003, Hydrogeologic framework of southeastern Louisiana



EXPLANATION

- FRESHWATER IN SAND
- SALTWATER IN SAND -- Saltwater contains greater than 250 milligrams per liter chloride
- CLAY
- LITHOLOGIC CONTACT -- Separates clay and sand units. Dashed where approximate. Queried where uncertain
- HYDROGEOLOGIC CONTACT -- Defines boundary between conjoined or merged aquifers

ELECTRIC LOG OF WELL
SP, spontaneous potential (millivolts)
ILD, deep induction resistivity (ohm-meters)
GUARD, guard resistivity (ohm-meters)
LN, long normal resistivity (ohm-meters)
SN, short normal resistivity (ohm-meters)
POIR, single point resistance (ohms)

SCALE EXAGGERATED

LITHOLOGY COLUMN SYMBOLS

- NO DATA AVAILABLE
- FRESHWATER IN SAND
- CLAY
- SALTWATER IN SAND

Generally, a sand with a long normal resistivity or deep induction resistivity of more than 20 ohm-meters is labeled as a freshwater sand; a sand with a value of less than 20 ohm-meters is labeled as a saltwater sand

INDEX MAP

Louisiana Department of Transportation and Development-
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Plate 15. West-to-east hydrogeologic section K-K', southeastern Louisiana.