

PLATE 1. LOCATION OF THE STUDY AREA AND RECHARGE AREAS OF THE FOUR MAJOR AQUIFERS, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

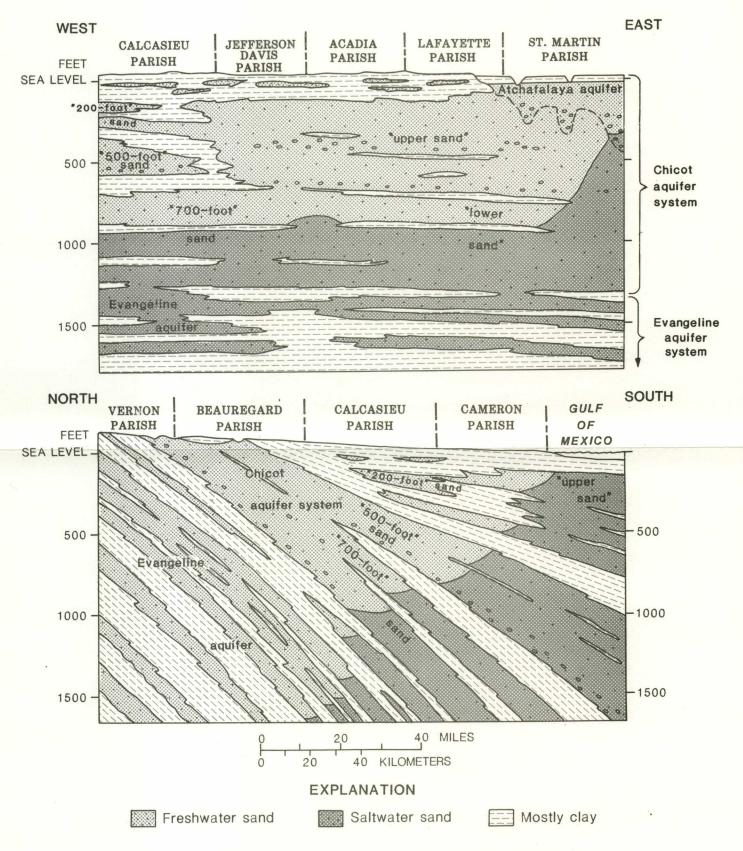


PLATE 2. IDEALIZED GEOLOGIC SECTIONS SHOWING AQUIFER NAMES AND STRATIGRAPHIC RELATIONS IN SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

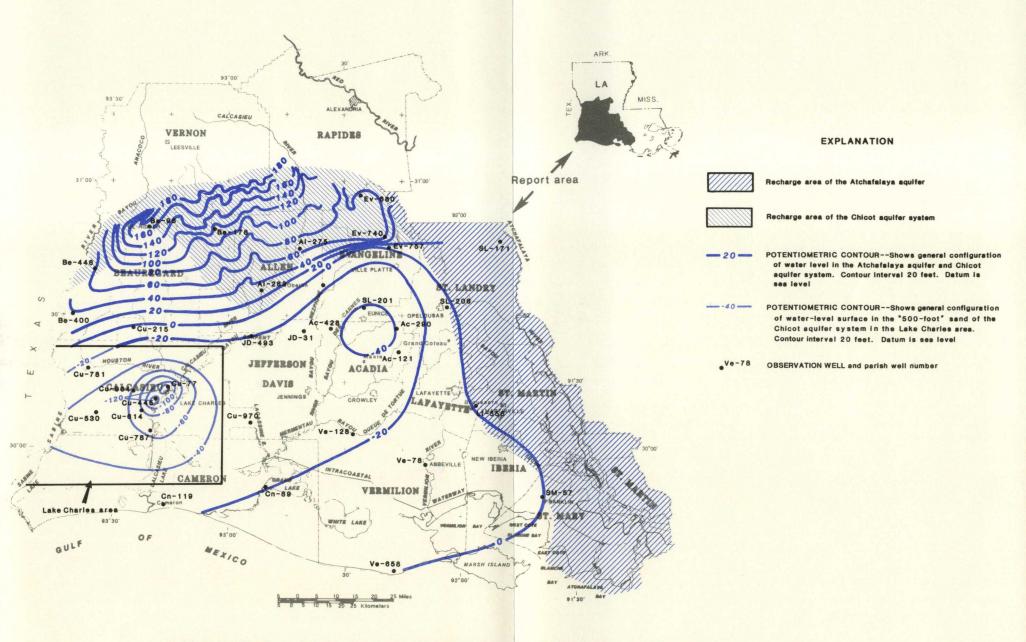


PLATE 3. WATER LEVELS FOR THE CHICOT AQUIFER SYSTEM AND ATCHAFALAYA AQUIFER, SPRING 1981, SOUTHWESTERN LOUISIANA.

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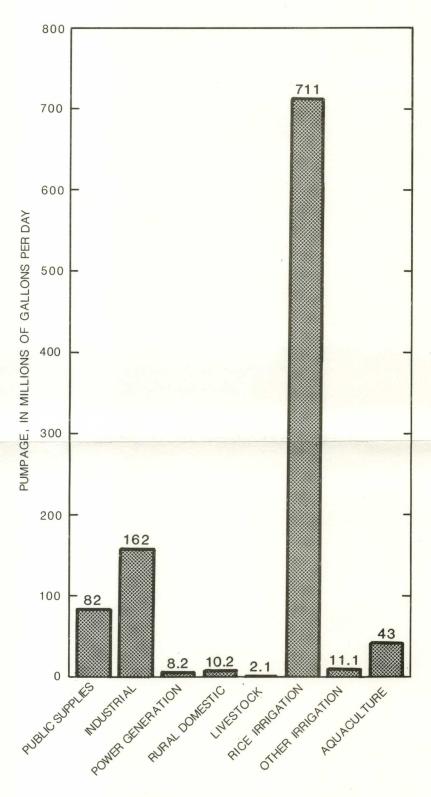


PLATE 4. AVERAGE DAILY GROUND-WATER
WITHDRAWALS IN SOUTHWESTERN
LOUISIANA FOR MAJOR WATER-USE
CATEGORIES DURING 1980.
(WATER RESOURCES TECHNICAL REPORT NO. 42)

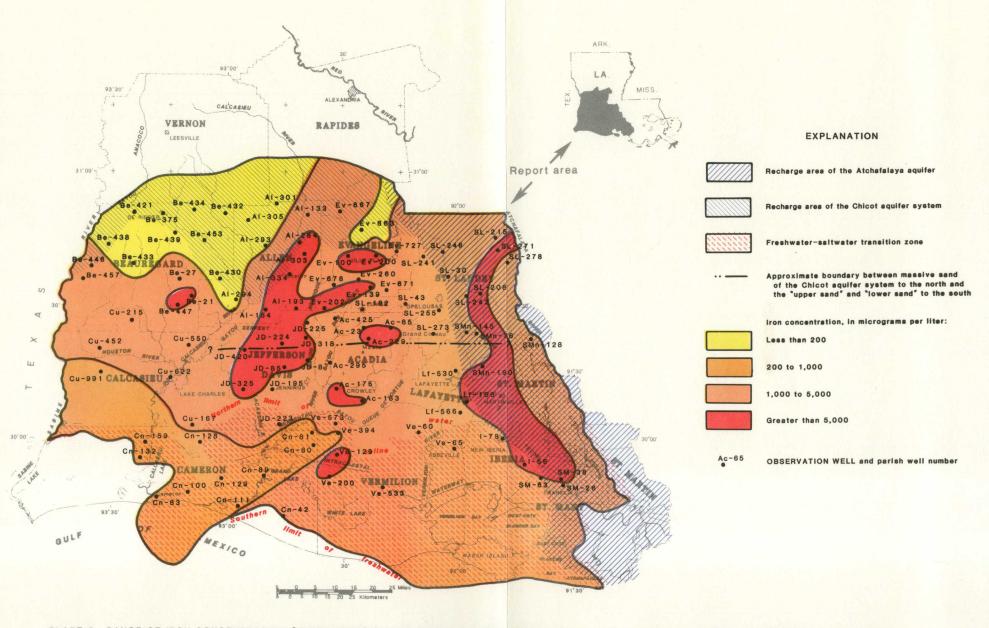


PLATE 5. RANGE OF IRON CONCENTRATION, "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM AND THE ATCHAFALAYA AQUIFER, SOUTHWESTERN LOUISIANA.

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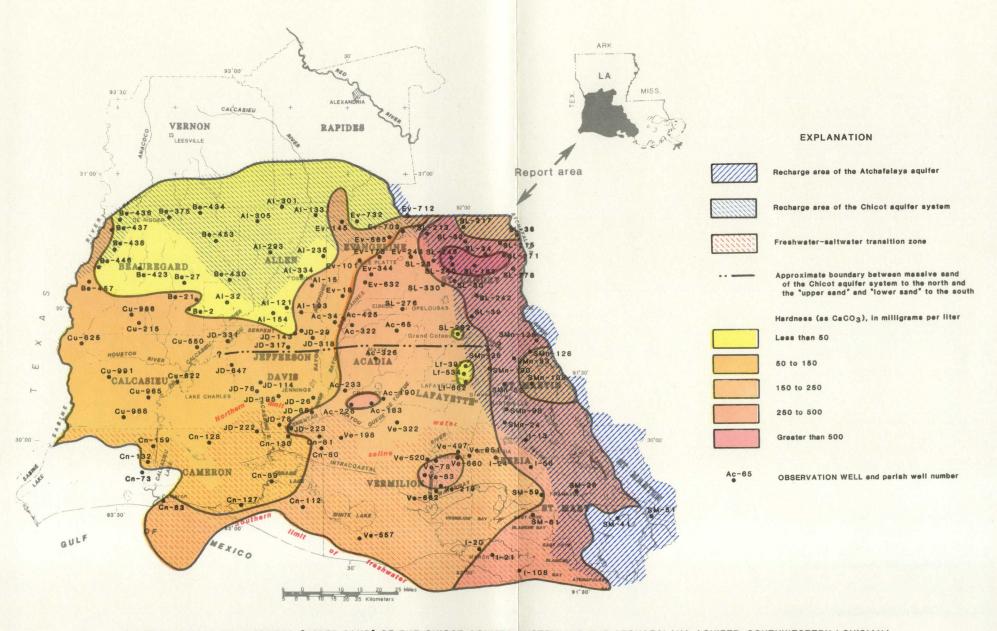


PLATE 6. RANGE OF HARDNESS, "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM AND THE ATCHAFALAYA AQUIFER, SOUTHWESTERN LOUISIANA.

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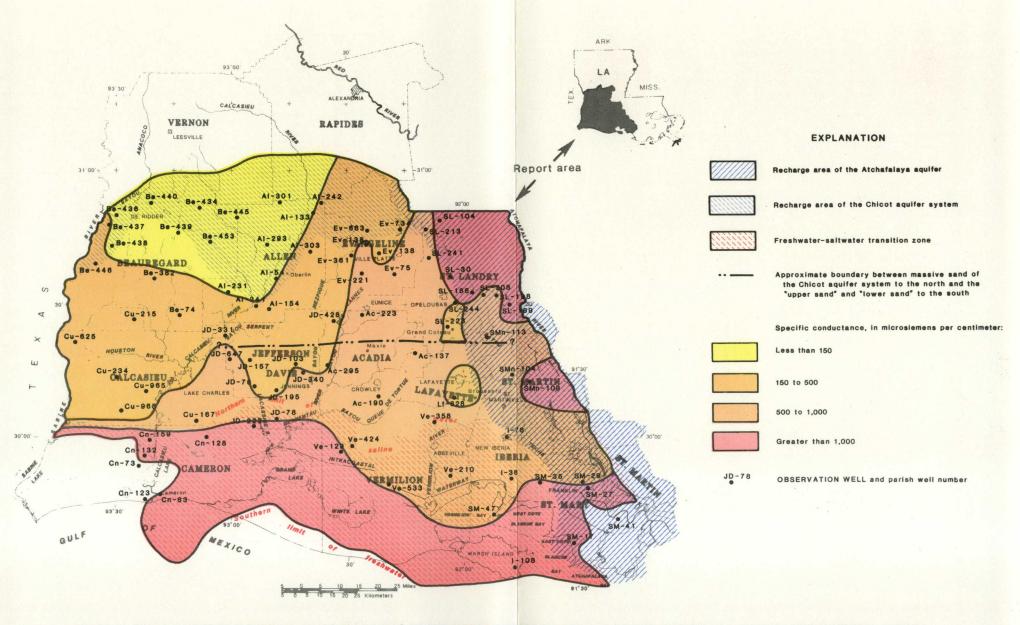


PLATE 7. RANGE OF SPECIFIC CONDUCTANCE, "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM AND OF THE ATCHAFALAYA AQUIFER, SOUTHWESTERN LOUISIANA.

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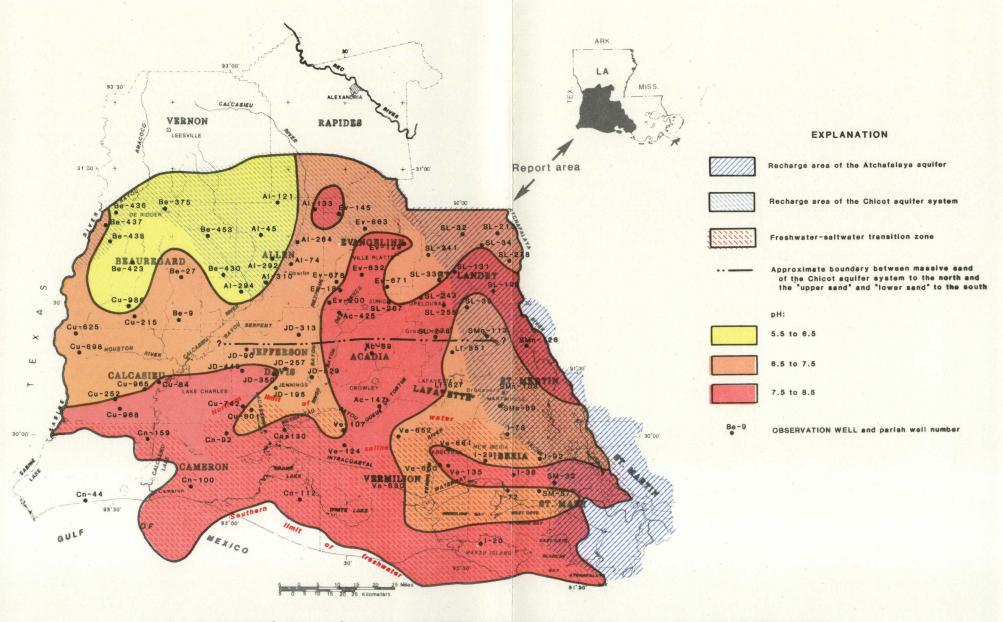


PLATE 8. RANGE OF PH, "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM AND THE ATCHAFALAYA AQUIFER, SOUTHWESTERN LOUISIANA.

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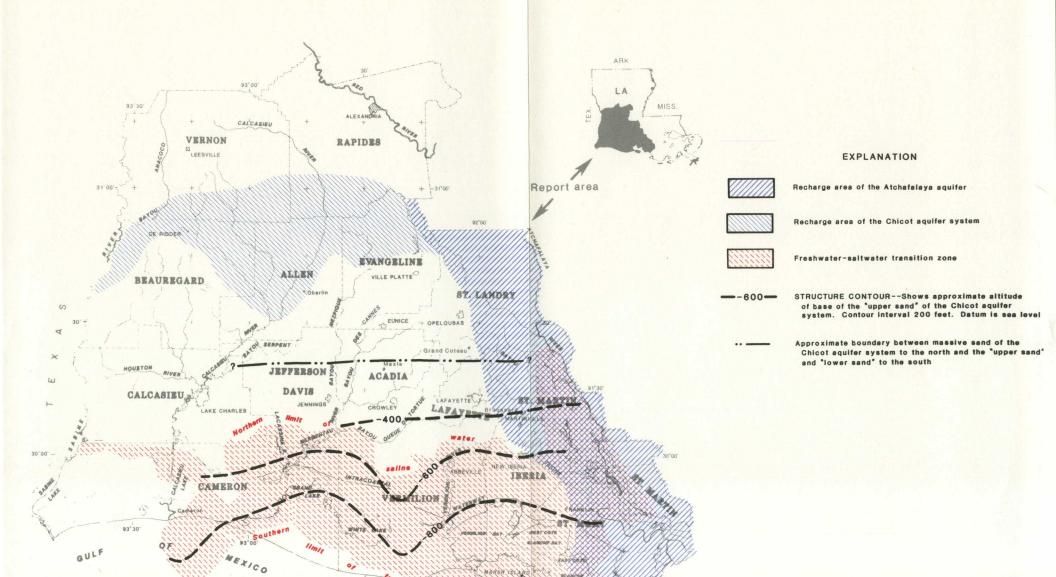


PLATE 9. STRUCTURE CONTOURS OF THE BASE OF THE "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA.

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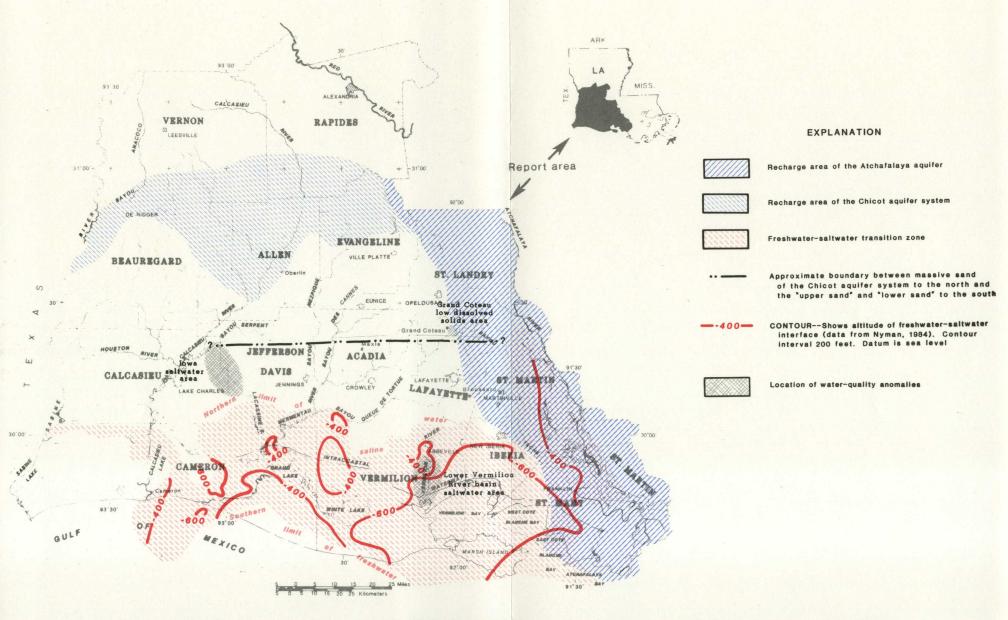


PLATE 10. ALTITUDE OF THE FRESHWATER-SALTWATER INTERFACE IN THE "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

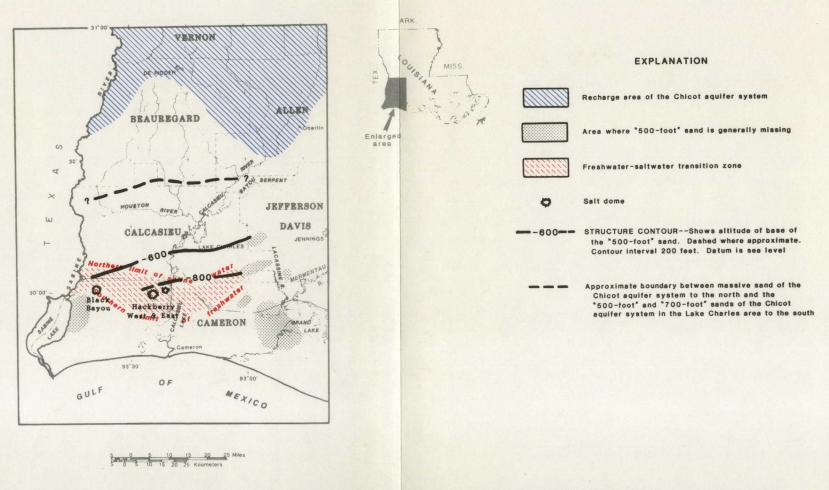


PLATE 11. STRUCTURE CONTOURS ON THE BASE OF THE "500-FOOT" SAND OF THE CHICOT AQUIFER SYSTEM IN THE LAKE CHARLES AREA,
SOUTHWESTERN LOUISIANA.

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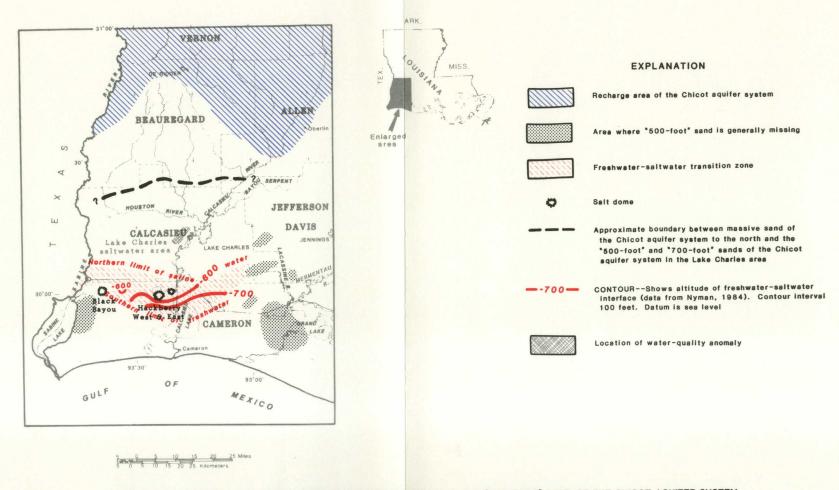


PLATE 12. ALTITUDE OF THE FRESHWATER-SALTWATER INTERFACE IN THE "500-FOOT" SAND OF THE CHICOT AQUIFER SYSTEM
IN THE LAKE CHARLES AREA, SOUTHWESTERN LOUISIANA.
(WATER RESOURCES TECHNICAL REPORT NO. 42)

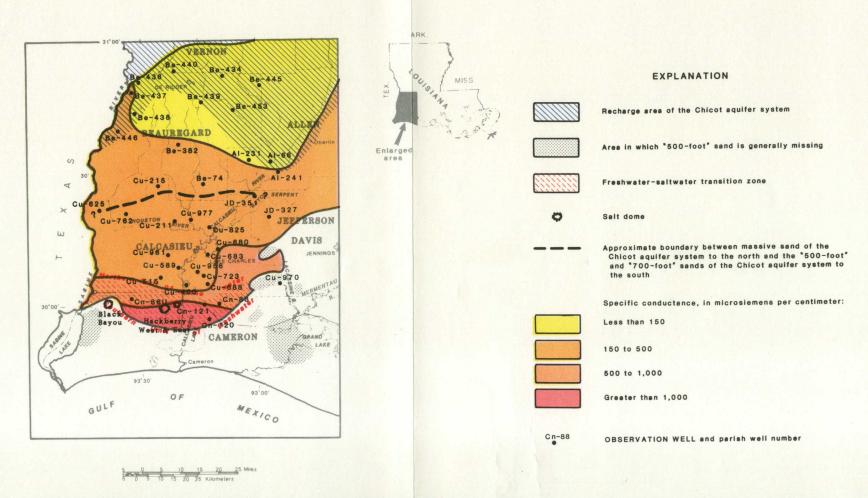


PLATE 13. RANGE OF SPECIFIC CONDUCTANCE IN THE "500-FOOT" SAND OF THE CHICOT AQUIFER SYSTEM IN THE LAKE CHARLES AREA, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

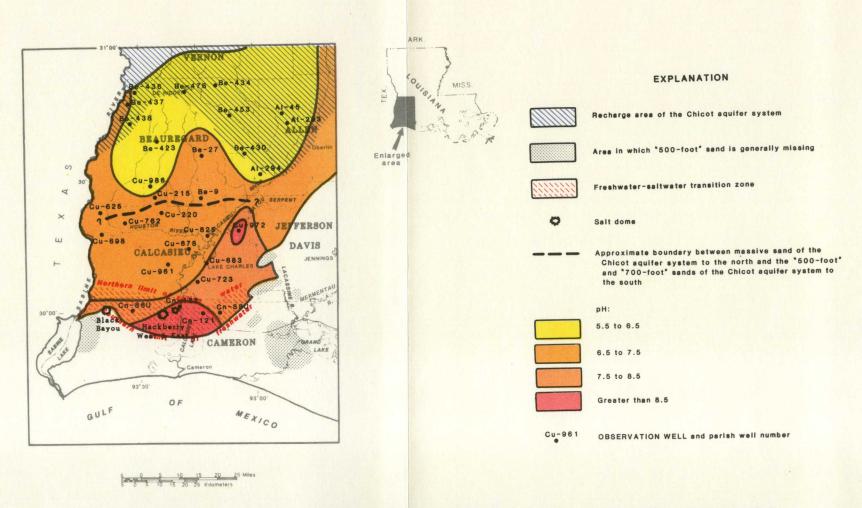


PLATE 14. RANGE OF PH IN THE "500-FOOT" SAND OF THE CHICOT AQUIFER SYSTEM IN THE LAKE CHARLES AREA, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

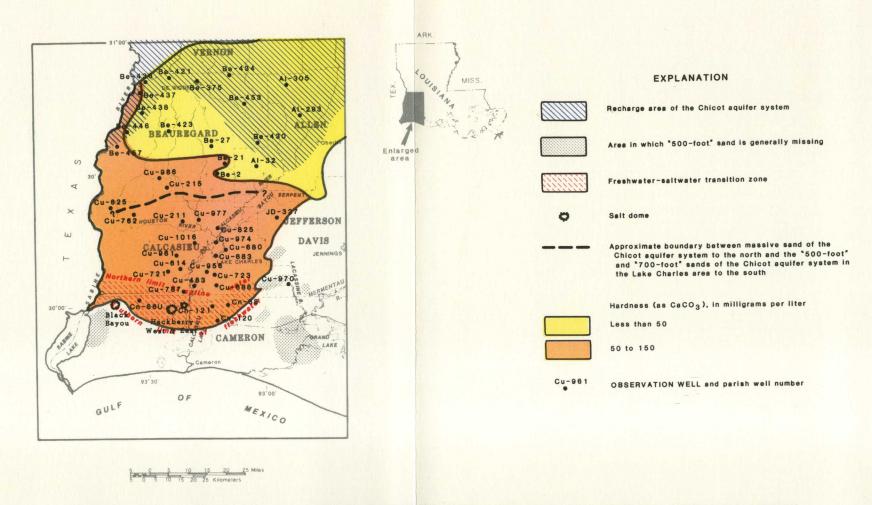


PLATE 15. RANGE OF HARDNESS IN THE "500-FOOT" SAND OF THE CHICOT AQUIFER SYSTEM IN THE LAKE CHARLES AREA, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

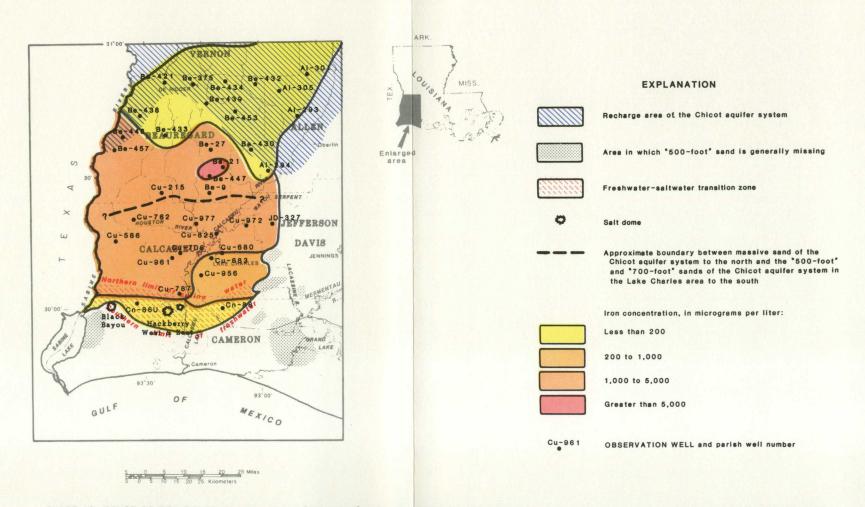


PLATE 16. RANGE OF IRON CONCENTRATION IN THE "500-FOOT" SAND OF THE CHICOT AQUIFER SYSTEM IN THE LAKE CHARLES AREA, SOUTHWESTERN LOUISIANA.

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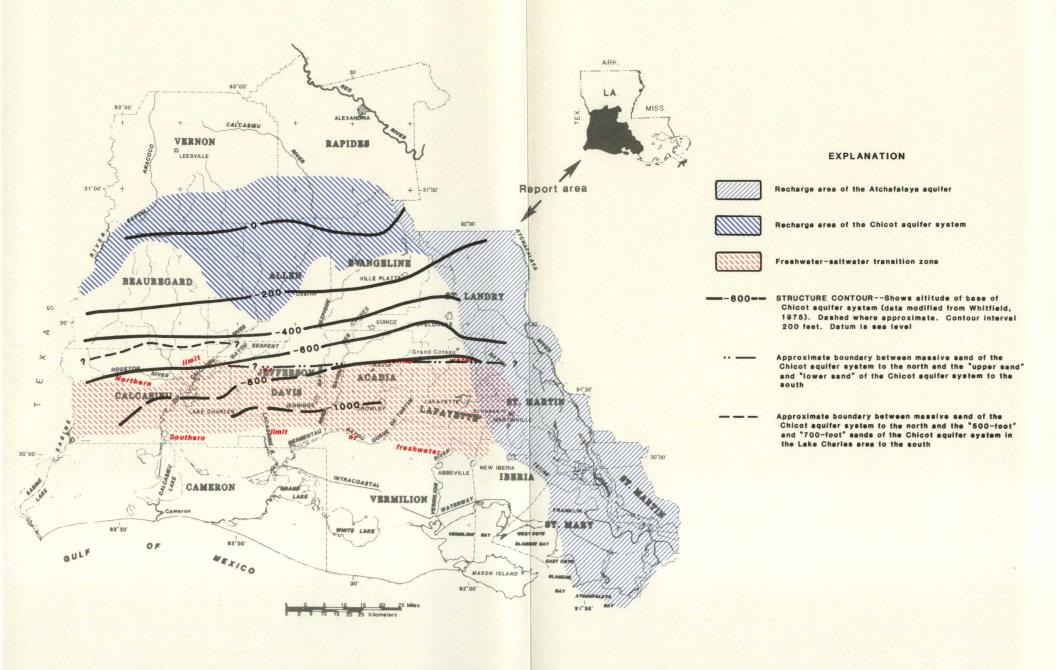


PLATE 17. STRUCTURE CONTOURS ON THE BASE OF THE "LOWER SAND" AND "700 FOOT" SAND OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

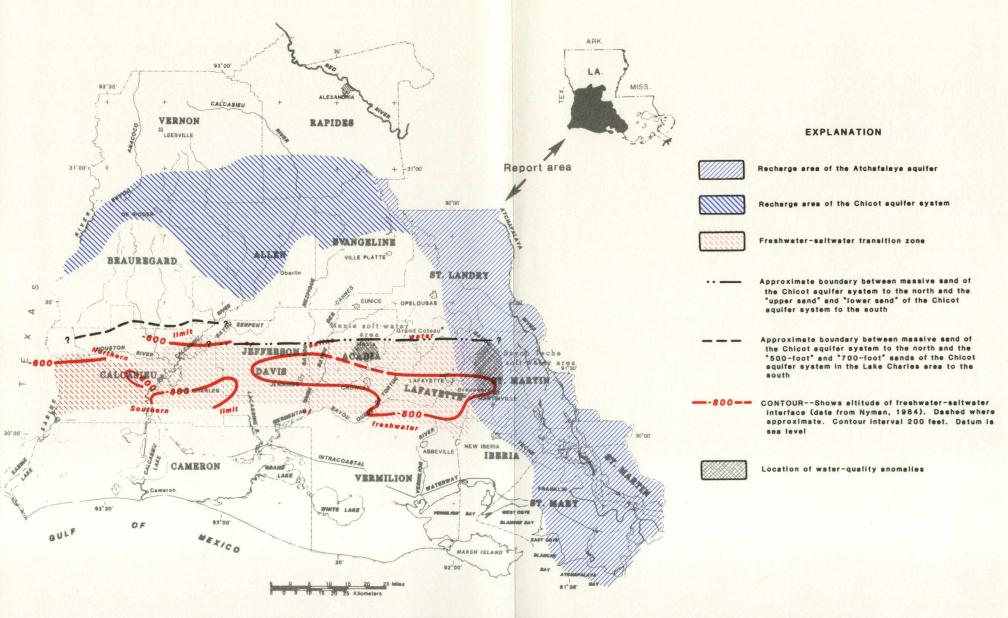


PLATE 18. ALTITUDE OF THE FRESHWATER-SALTWATER INTERFACE IN THE "LOWER SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA (WATER RESOURCES TECHNICAL REPORT NO. 42)

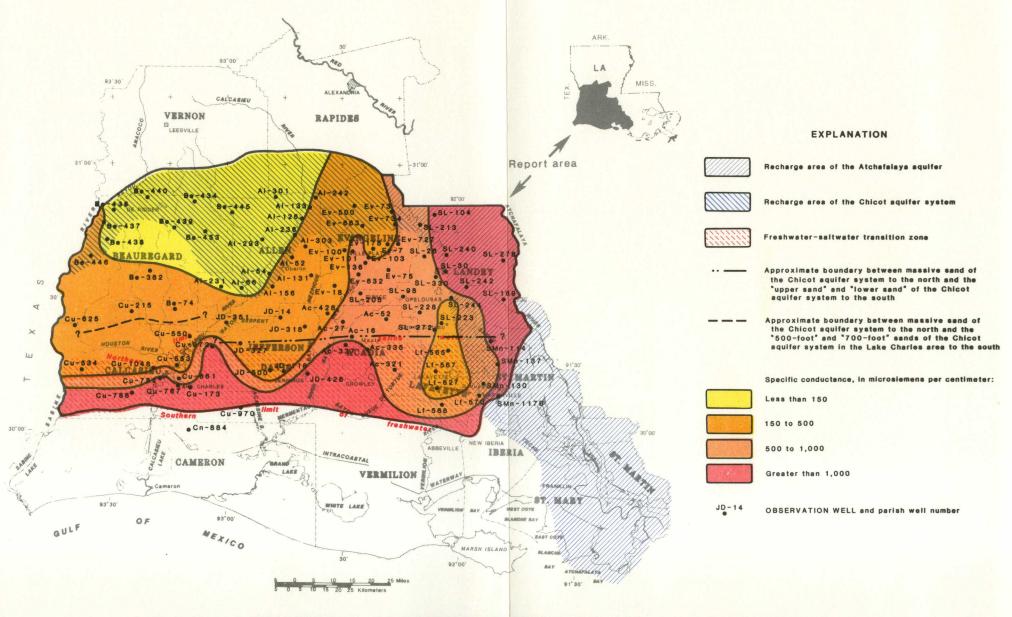


PLATE 19. RANGE OF SPECIFIC CONDUCTANCE, "LOWER SAND" AND "700-FOOT SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

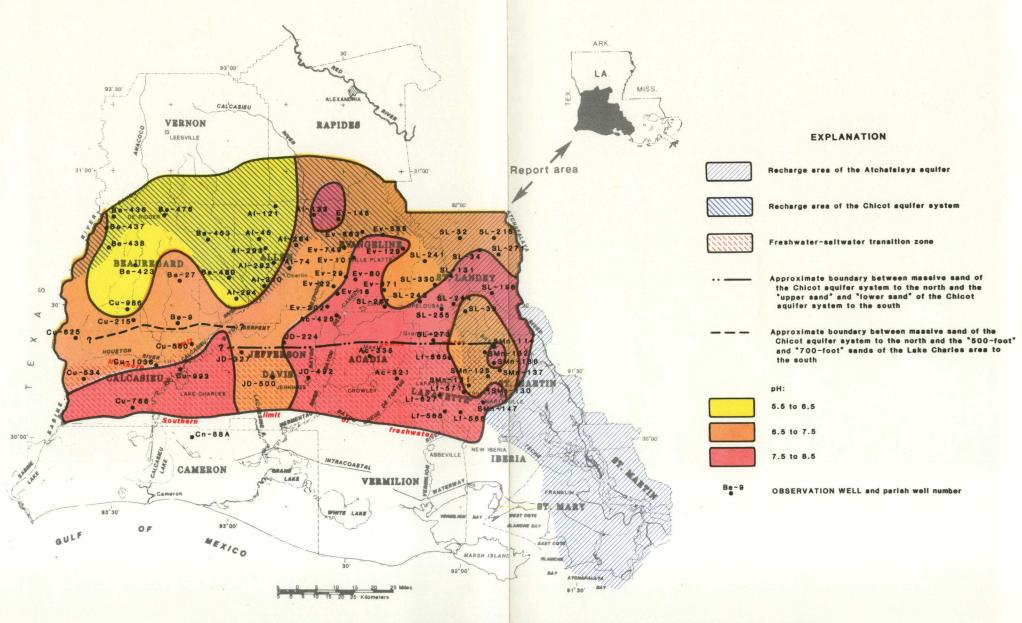


PLATE 20. RANGE OF PH, "LOWER SAND" AND "700-FOOT SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA. (WATER RESOURCES TECHNICAL REPORT NO. 42)

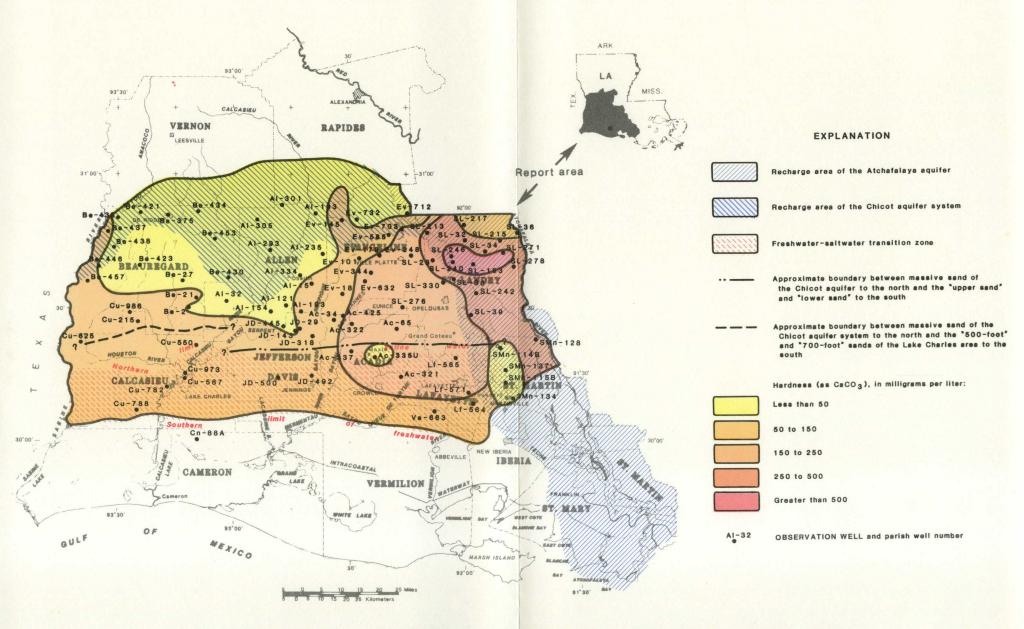


PLATE 21. RANGE OF HARDNESS, "LOWER SAND" AND "700-FOOT SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA.
(WATER RESOURCES TECHNICAL REPORT NO. 42)

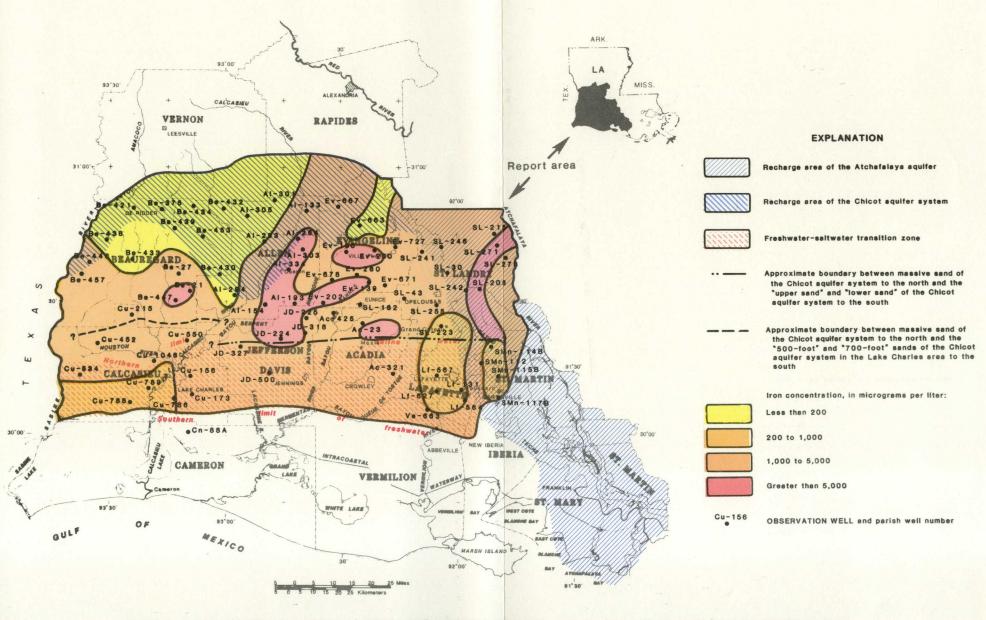


PLATE 22. RANGE OF IRON CONCENTRATION, "LOWER SAND" AND "700-FOOT SAND" OF THE CHICOT AQUIFER SYSTEM, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

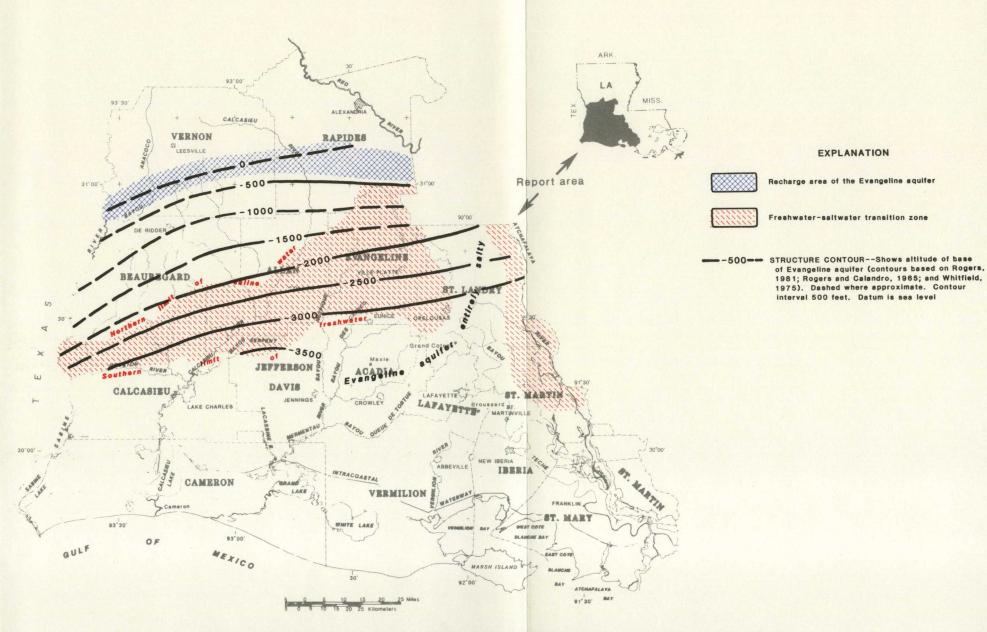


PLATE 23. GENERALIZED STRUCTURE CONTOURS ON THE BASE OF THE EVANGELINE AQUIFER, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

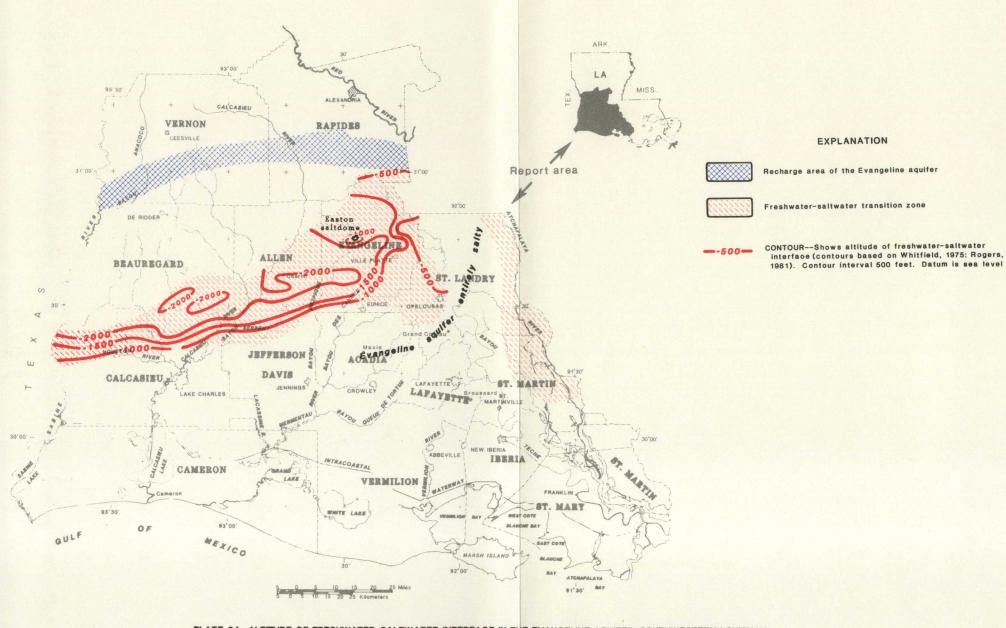


PLATE 24. ALTITUDE OF FRESHWATER-SALTWATER INTERFACE IN THE EVANGELINE AQUIFER, SOUTHWESTERN LOUISIANA. (WATER RESOURCES TECHNICAL REPORT NO. 42)

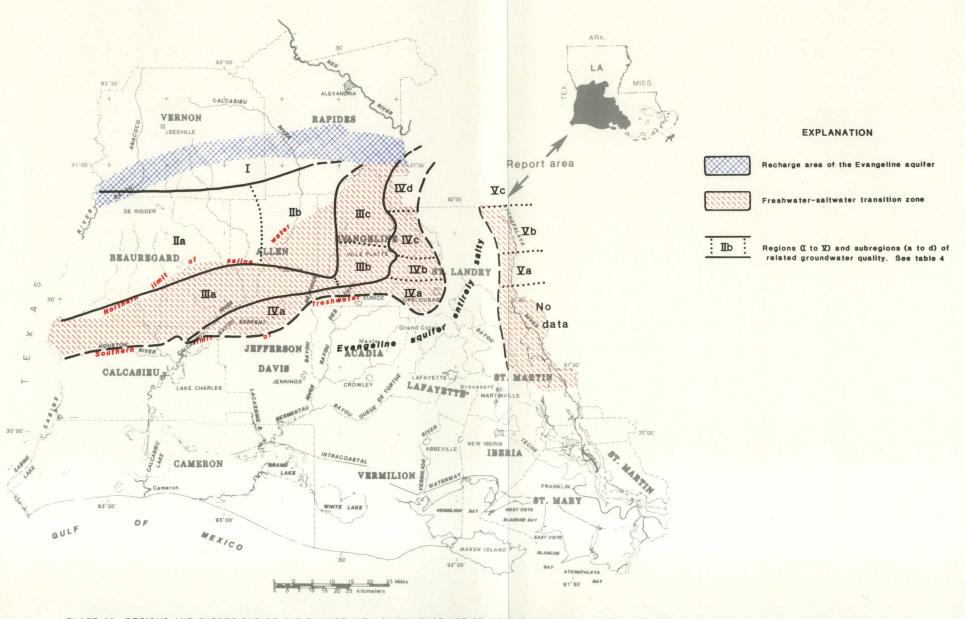


PLATE 25. REGIONS AND SUBREGIONS OF THE EVANGELINE AQUIFER THAT ARE RELATED BY GROUND-WATER CHEMISTRY AND DEPTH, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

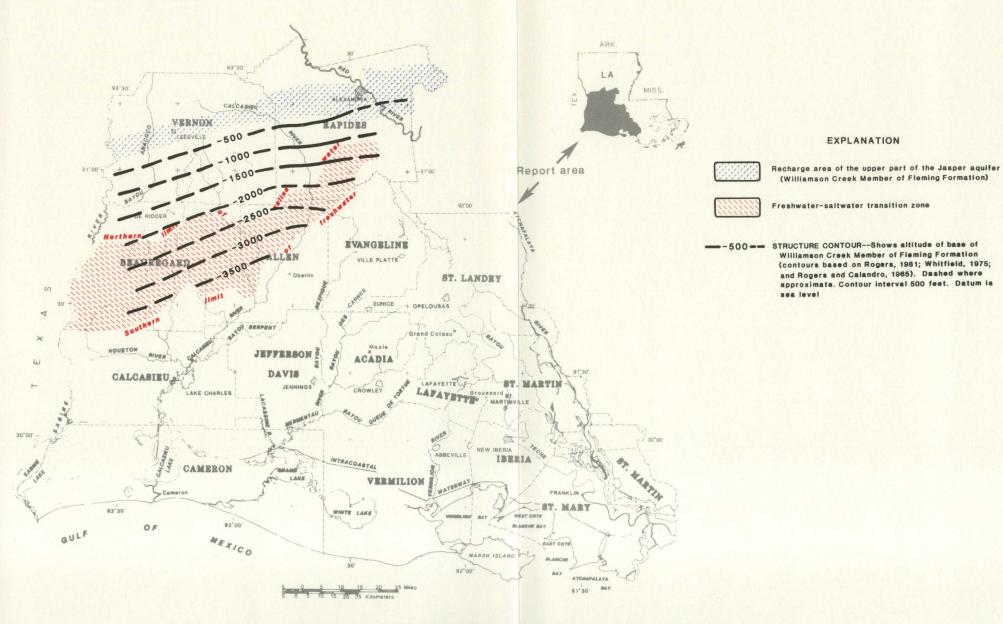


PLATE 26. GENERALIZED STRUCTURE CONTOURS ON THE BASE OF THE UPPER PART OF THE JASPER AQUIFER (WILLIAMSON CREEK MEMBER OF THE FLEMING FORMATION), SOUTHWESTERN LOUISIANA. (WATER RESOURCES TECHNICAL REPORT NO. 42)

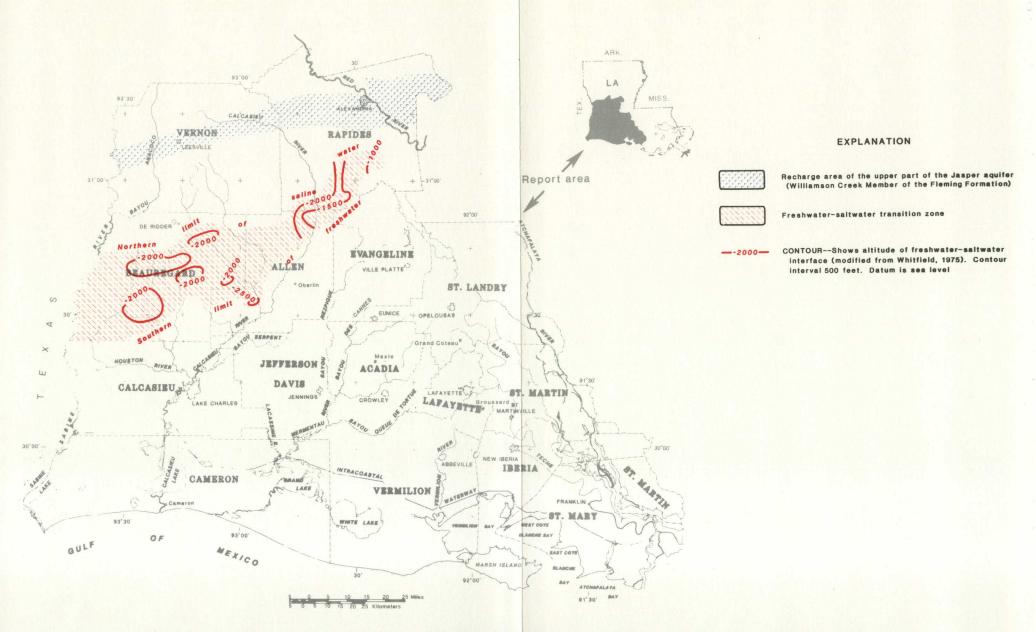


PLATE 27. ALTITUDE OF THE FRESHWATER-SALTWATER INTERFACE IN THE UPPER PART OF THE JASPER AQUIFER, SOUTHWESTERN LOUISIANA.

(WATER RESOURCES TECHNICAL REPORT NO. 42)

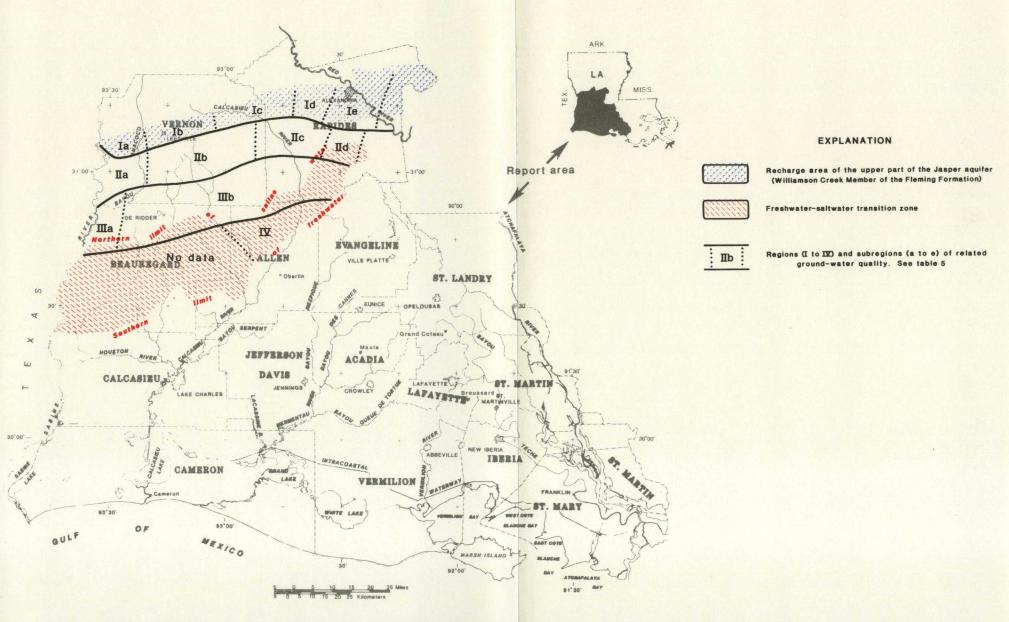


PLATE 28. REGIONS AND SUBREGIONS OF THE UPPER PART OF THE JASPER AQUIFER THAT ARE RELATED BY GROUND-WATER CHEMISTRY AND DEPTH, SOUTHWESTERN LOUISIANA.

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