

EXPLANATION

Minimum dissolved solids

Maximum dissolved solids

Lines of equal dissolved-solids content, in milligrams per liter

(780-1) Water well

Chemical analysis given in table in text

CHEMICAL PROVINCES
(Based on sodium being generally the dominant cation)

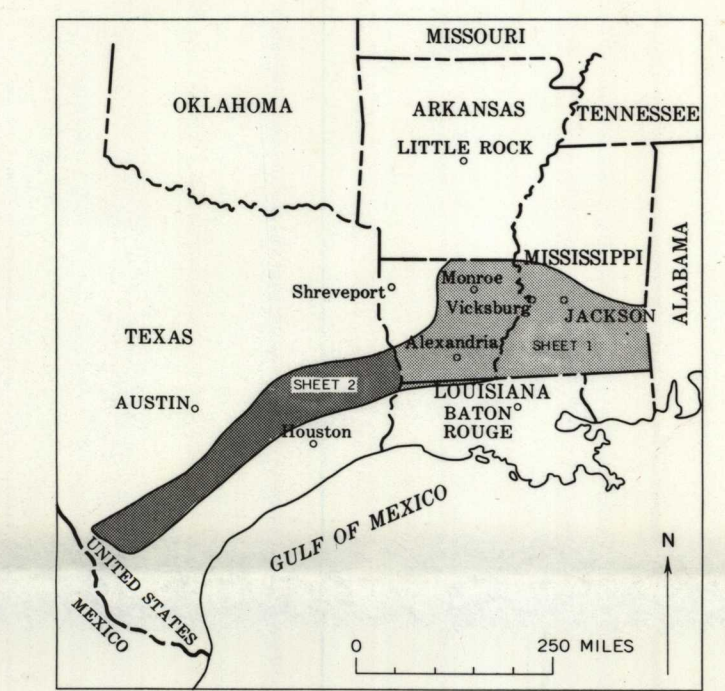
Bicarbonate

Chloride

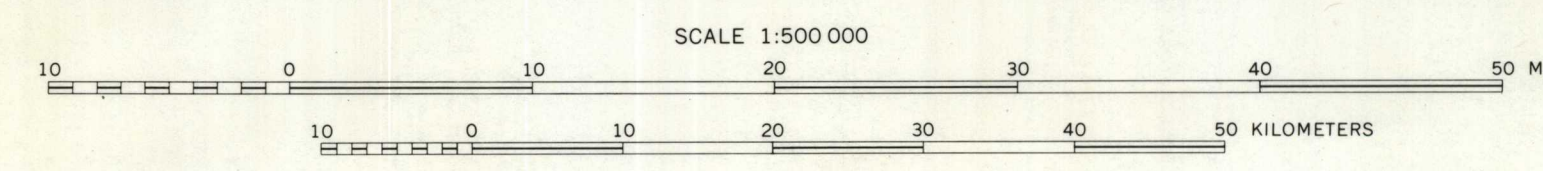
Sulfate

Area in which hardness of fresh water is likely to be greater than 60 milligrams per liter

Outcrop area of Cockfield and Yegua Formations



MAP SHOWING DISSOLVED-SOLIDS CONTENT, CHEMICAL PROVINCES, AND HARDNESS DISTRIBUTION OF WATERS IN THE COCKFIELD AND YEGUA FORMATIONS IN LOUISIANA, MISSISSIPPI, AND TEXAS



Base from U.S. Coast and Geodetic Survey 1:500,000 Anamorphic Charts, Austin, Beaumont, Corpus Christi, and San Antonio