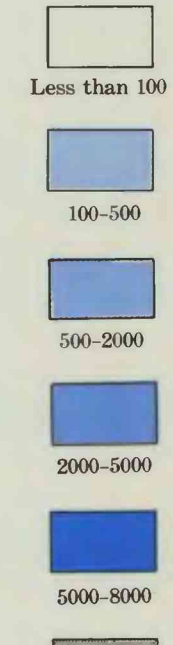
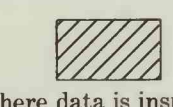


EXPLANATION

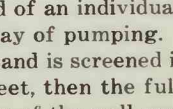
Estimated potential yield, in gallons per minute



Area where slightly-saline-water is not present in aquifers



Area where data is insufficient to determine estimated potential yield and aggregate sand thickness



Note: The potential yield of an individual well is based on a drawdown of 100 feet after one day of pumping. It is also assumed that not more than 200 feet of sand is screened in the well. If the sand thickness is less than 200 feet, then the full thickness is assumed to be screened. The diameter of the well screen is assumed to be 12 inches, and the screened section is assumed to be 100 percent efficient. The yields shown are for individual wells, and the estimates do not consider the interference effects of pumping from other wells. The sand thicknesses were determined from the electrical logs, and the hydraulic properties are assumed to be approximately the same as in the fresh-water parts of the zones.

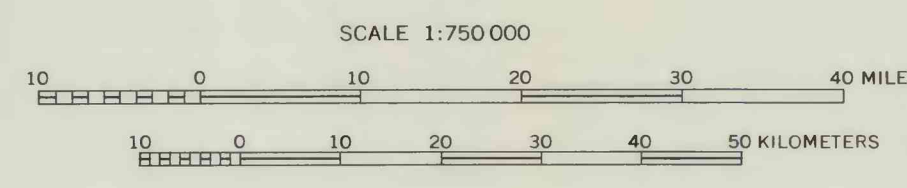
Control point

Number is aggregate sand thickness, in feet. Number is underlined where a single sand 200 feet thick is present

Line of equal aggregate sand thickness

Interval, 100 feet

MAP SHOWING ESTIMATED POTENTIAL YIELD AND AGGREGATE SAND THICKNESS OF THE SLIGHTLY-SALINE-WATER ZONE
1000-3000 milligrams per liter dissolved solids



SALINE GROUND WATER IN LOUISIANA

By
A. G. Winslow, D. E. Hillier, and A. N. Turcan, Jr.
1968

Base from U.S. Geological Survey State base map: 1:500,000, 1922