

- EXPLANATION**
- Area where Cockfield Formation is thin or missing
 - Area where freshwater (250 milligrams per liter chloride or less) occurs in the alluvial, Cockfield, and Sparta aquifers
 - Area where freshwater occurs in the alluvial and Cockfield aquifers
 - Area where freshwater occurs only in the alluvial aquifer
 - Area where the alluvial aquifer contains salty water
 - 100- STRUCTURE CONTOUR--Shows altitude base of Cockfield Formation. Contour interval 100 feet. National Geodetic Vertical Datum of 1929
 - RI-99 CONTROL POINT and parish well number
 - A A' Location of geohydrologic sections (See figure 2 or 3)

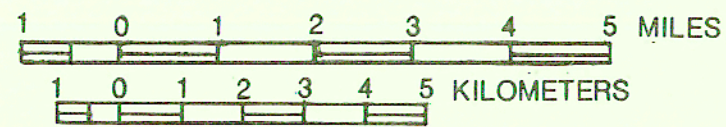


PLATE 3. ALTITUDE OF THE BASE OF THE COCKFIELD FORMATION IN THE RAYVILLE-DELHI AREA, NORTHEASTERN LOUISIANA.