



Base from U.S. Geological Survey  
 Boyce, 1956; Collins, 1955; Curren, 1957; Chapin, 1954;  
 Colfax, 1956; Montgomery, 1957; Provencal, 1957

**EXPLANATION**

- 78 —————  
 Potentiometric contour  
 Shows computed elevation of potentiometric surface  
 Contour interval is 2 feet (0.6 meter)  
 Datum is mean sea level
- River mile station  
 Mileage, as indicated, upstream from  
 mouth of Old River
- River mile station  
 Mileage on retained channel

RED RIVER VALLEY      LOUISIANA

PLATE 2

PROJECTED AVERAGE  
 POSTCONSTRUCTION POTENTIOMETRIC SURFACE  
 LOCK AND DAM 3  
 HOUSE DOCUMENT SITE

PREPARED BY THE U.S. GEOLOGICAL SURVEY  
 IN COOPERATION WITH THE  
 SOIL CONSERVATION SERVICE AND U.S. ARMY CORPS OF ENGINEERS