DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
AND THE MISSISSIPPI STATE HIGHWAY DEPARTMENT

HYDROLOGIC INVESTIGATIONS
ATLAS HA-590 (SHEET 3A)

31° 57'

89° 07' 30"

N

13 12 11 18 7 6

91.4 91.1 91.5 106.7 105.5 121.9 137.2

Tallahala Creek

91.525 91.152 91.153 91.141 91.144 91.126 91.123 91.126 91.111 91.062 91.080 91.005 90.971 90.998 91.007 90.937 91.574 91.559 91.553 91.574 91.571 91.608 93.580 93.686 93.717 93.049 93.055

528

Clay Pit Clay Pit

EXPLANATION

91.007 Water surface elevation in meters, April 14, 1969 National Geodetic Vertical Datum

Flood boundary, April 13, 1974

Manning Roughness Coefficient

- Low water channel n=0.06
- Open land, pasture n=0.08-0.12
- Dense woods n=0.12-0.25

EXAMPLE: If water depth is less than 0.6 meters, n=0.25. If water depth is greater than 1.0 meter n=0.12 (Assume linear variation of n for water depths between 0.6 and 1.0 meter)

Base from U.S. Geological Survey
Weldrup 1:24,000, 1983 and Lake Como
1:24,000, 1964

SCALE 1:4 000

0 50 100 200 300 400 500 600 700 800 900 1000 METERS

CONTOUR INTERVAL APPROXIMATELY 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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