GEOLOGICAL SURVEY OF ALABAMA

R290
W. 75-482

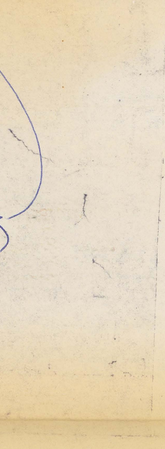
Base map compiled from Alabama Highway Department, U.S. Forest Service, and U.S. Geological Survey maps, aerial photographs, and field notes.

Prepared by the
UNITED STATES GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
in cooperation with the
GEOLOGICAL SURVEY OF ALABAMA

APPROXIMATE MEAN DECLINATION 1969 — update to 1970

3°21'

1 0 1 2 3 4 miles



EXPLANATION

GROUND WATER

o1 Well and number

•3 Flowing well and number

◎5 Industrial or public supply well and number

2 Spring and number

900 Ke
1300 Kg
1900 Kck

Depth, in feet, below mean sea level to base of principal aquifers in Ke, Eutaw Formation; Kg, Gordo Formation; and Kck, Coker Formation. Contour interval varies as shown.

Eutaw Formation will yield 0.5 to 1 mgd per well in southeastern, central, and west-central parts of county and 1 to 2 mgd in the southwestern part.

Gordo Formation will yield 0.5 to 1 mgd per well in northern half of county and 1 mgd or more in southern half.

Coker Formation will yield 0.5 to 1 mgd per well in northern half of county and 1 mgd or more in southern half.

WELL-NUMBERING SYSTEM

Townships are lettered alphabetically beginning with A in the northernmost part of the county through W in the southernmost part. Wells in each township are numbered numerically and in the report each number is prefixed by the letter identifying the township. For example, wells in township D are numbered D-1, D-2, D-3, etc.

(For ground-water quality, see table 3.)

SURFACE WATER

2-4245.00 200/1,310

Network station and number 7-day low flow, in ~~mgd~~ million gallons per day
average flow in ~~mgd~~ million gallons per day

2-4244.70
Project station and number

1150

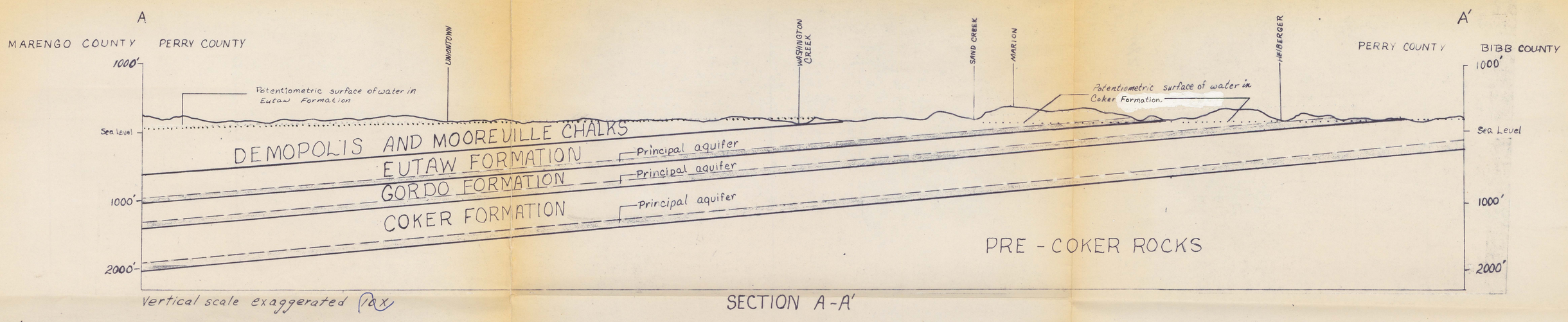
Width between double lines and numbers in arrows indicate average flow, in million gallons per day ~~(mgd)~~.
(Based on period 1940-66)

Uncolored and — Less than 2 mgd
2-10 mgd
10-100 mgd
More than 100 mgd

Colors along streams and within arrows indicate range of 7-day low flow, in ~~mgd~~. million gallons per day
(Based on period 1940-66)

(For surface-water quality, see table 4.)

U.S. GEOLOGICAL SURVEY
RESTON, VA
SEP 22 1975
LIBRARY



SECTION A-A'

Figure 2.- Water availability, Perry County, Alabama

~~1969~~