UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HELENA QUADRANGLE
ALABAMA
7.5 MINUTE SERIES (TOPOGRAPHIC)

3650 IV NW (BESSEMER) | 3650 I NW (CAHABA HEIGHTS)

86°52′30″ 33°22′30″ | 86°45′ 33°22′30″

3650 IV NE (BIRMINGHAM SOUTH)

BLUFF PARK 1.7 MI. | BIRMINGHAM (JUNC. U.S. 280) 10 MI. VESTAVIA HILLS 5.7 MI. | BIRMINGHAM (JUNC. ALA. 149) 10 MI.

R. 3 W. R. 2 W. 47′30″

720 000 FEET

6.8 MI. TO U.S. 11 LACEYS CHAPEL 3.2 MI.

NEW HOPE 0.8 MI.

1 220 000 FEET

T. 19 S. T. 20 S.

3650 IV SW (GREENWOOD) | 3650 I SW (CHELSEA)

SIMMSVILLE 3.2 MI.

1 190 000 FEET

33°15′ 86°52′30″ | 86°45′

MAYLENE 3.7 MI. | 700 000 FEET

(FEA RIDGE) 3650 III NW | (BOUNDS LAKE) 3650 II NW

SAGINAW 3 MI. CALERA (JUNC. ALA. 25) 12 MI. | (ALABASTER) 3650 III NE | MONTGOMERY (JUNC. I-85) 68 MI.

GENERY 3 MI.

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1991

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Alabama Geodetic Survey

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1959

Polyconic projection. 1927 North American datum
10,000-foot grid based on Alabama coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 1 meter west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1986 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
(MN, GN, 0°06′ 2 MILS, 1° 18 MILS)

Map photoinspected 1988
No major culture or drainage changes observed

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

USGS NHD HISTORICAL MAP ARCHIVES
SEP 30 1997
REC'D FILE COPY

ALABAMA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled from aerial photographs taken 1981 and 1982 and other sources. This information not field checked. Map edited 1986

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route | U. S. Route | State Route

J2 HELENA, ALA.

33086-C7-TF-024
PHOTOINSPECTED 1988
1959
PHOTOREVISED 1986
DMA 3650 IV SE—SERIES V844

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