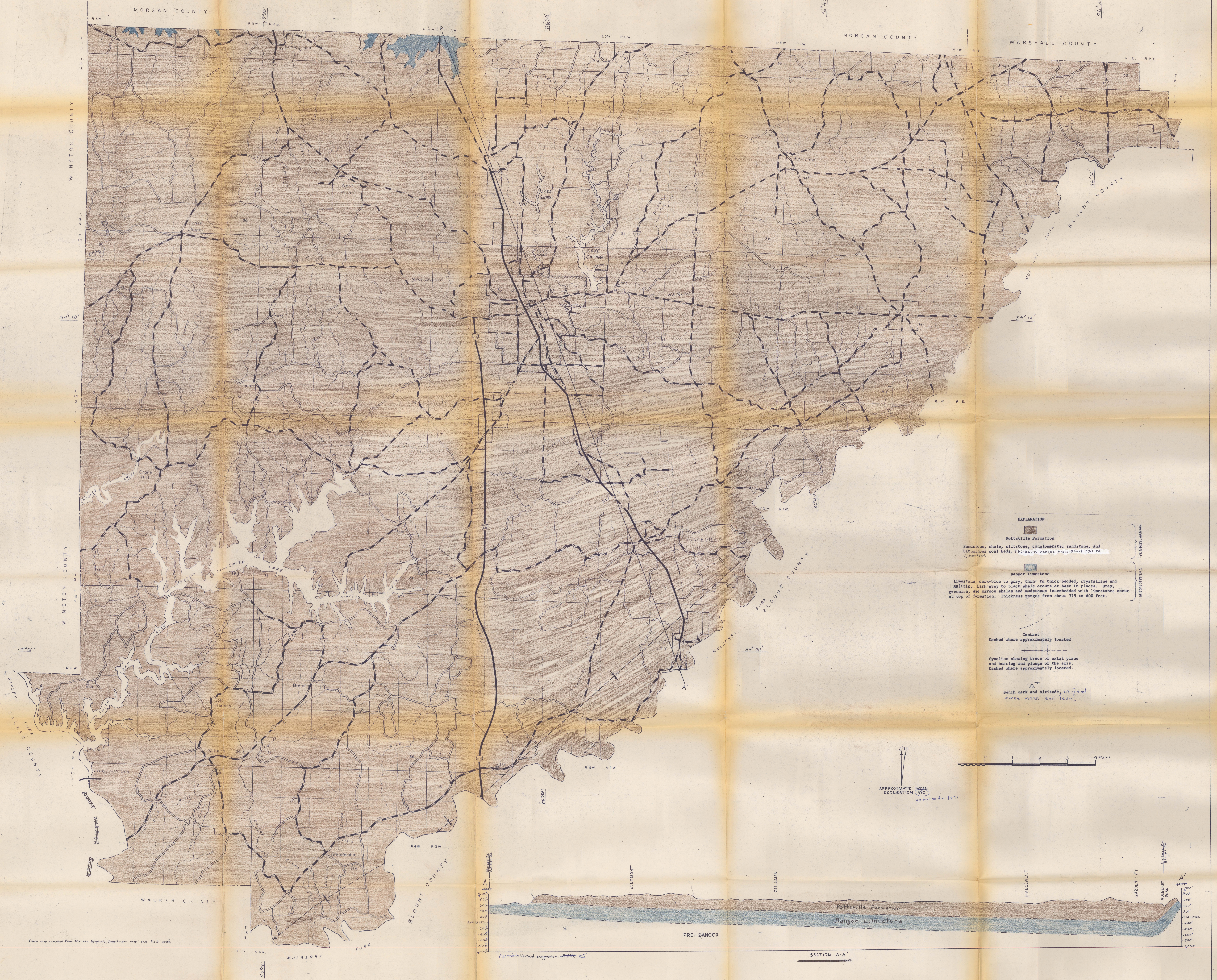
GEOLOGICAL SURVEY OF ALABAMA


MORGAN COUNTY
MARSHALL COUNTY
WINSTON COUNTY
BLOUNT COUNTY
WALKER COUNTY
87°00'
86°50'
86°40'
86°30'
34°10'
34°00'
R 5 W
R 4 W
R 3 W
R 2 W
R 1 W
R 1 E
R 2 E
Battleground
Jones Chapel
Logan
Crane Hill
SMITH LAKE
Bremen
Nectar
Holly Pond
Fairview
Baldwin
CULLMAN
LAKE GEORGE
CITY LAKE
LAKE CATOMA
BERLIN
HANCEVILLE
Joppa
Arkadelphia
SIPSEY FORK
MULBERRY FORK
A
A'
2°10'
APPROXIMATE MEAN DECLINATION ~~1970~~
update to 1971
1 0 1 2 3 4 miles
Morgan Co.
Cullman Co.
VINEMONT
CULLMAN
HANCEVILLE
GARDEN CITY
MULBERRY FORK
Cullman Co.
Blount Co.
~~FEET~~
1000'
800'
600'
400'
200'
SEA LEVEL
-200'
-400'
-600'
-800'
-1000'
Pottsville Formation
Bangor Limestone
PRE-BANGOR
Approximate Vertical exaggeration ~~5.2X~~ X5
SECTION A-A'

EXPLANATION

▨

Pottsville Formation

Sandstone, shale, siltstone, conglomeratic sandstone, and bituminous coal beds. Thickness ranges from about 300 to 1,000 feet.

▨

Bangor Limestone

Limestone, dark-blue to gray, thin- to thick-bedded, crystalline and oölitic. Dark-gray to black shale occurs at base in places. Gray, greenish, and maroon shales and mudstones interbedded with limestones occur at top of formation. Thickness ranges from about 375 to 600 feet.

PENNSYLVANIAN

MISSISSIPPIAN

Contact
Dashed where approximately located

Syncline showing trace of axial plane
and bearing and plunge of the axis.
Dashed where approximately located.

△799

Bench mark and altitude, in feet above mean sea level.

Base map compiled from Alabama Highway Department map and field notes.

Figure 2,-GEOLOGIC MAP OF CULLMAN COUNTY, ALABAMA

by Robert J. Faust, 1970

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