I

J

PIEDMONT

COASTAL PLAIN

FALL LINE

Town of Sandersville
Public water well 51
Washington County, Ga.
Alt 465 ft

Calaphor Manufacturing
McCain 1
0.5 miles south of Minter
Laurens County, Ga.
Alt 280 ft

McCain and Nicholson
J. Gillis and H. Gillis 1
7 miles south of Soperton,
Georgia Military District 1386
Treutlen County, Ga.
Alt 351 ft

J. E. Weatherford
Wilkes 1
1 mile north of Higgston
Georgia Military District 1567
Montgomery County, Ga.
Alt 293 ft

Tropic Oil and Gas
Gibson 1
6.5 miles southwest of Lyons
Toombs County, Ga.
Alt 198 ft

Felsenthal-Weatherford
Bradley 1
Land lot 522, land district 2
Appling County, Ga.
Alt 229 ft

U.S. Army
Camp Stewart 1
1.6 miles northwest of Hinesville
Liberty County, Ga.
Alt 91 ft

E. B. La Rue
Jelks-Rodgers 1
6 miles southeast of Riceboro
Liberty County, Ga.
Alt 26 ft

COASTAL PLAIN ATLANTIC OCEAN

COASTLINE

12.7 miles | 34.6 miles | 14.9 miles | 11.8 miles | 8 miles | 17.2 miles | 45.5 miles | 19.8 miles | 13.2 miles

8 | 24 | 26 | 36 | 37 | 38 | 41 | 42

SEA LEVEL

Miocene rocks
Oligocene rocks
Upper Eocene rocks
Middle Eocene rocks
Upper Cretaceous rocks
Lower Eocene rocks
Paleocene rocks

Post-Miocene rocks

N.S.

T. D. 872 ft in quartzite biotite gneiss and schist of probable pre-Mesozoic age

T. D. 2548 ft in diabase of possible triassic age

T. D. 3168 ft

T. D. 3433 ft in diabase of possible Triassic age

T. D. 3681 ft in arkosic sandstone of probable Triassic age

T. D. 4106 ft in altered amygdaloidal basalt, probably a lava flow of Triassic age

T. D. 816 ft

T. D. 4264 ft in rhyolite porphyry

Lisbon and Tallahatta Formations undifferentiated

Clayton Formation

Tuscaloosa Formation of Herrick (1961)

Rocks of Comanche age

Atlanta
Augusta
Macon
Savannah
PIEDMONT
COASTAL PLAIN
FALL LINE
ALA.
FLA.
S.C.

Correlations based primarily on the work of Herrick (1961)

0 25 50 75 100 MILES

INDEX MAP OF GEORGIA SHOWING LINE OF SECTION *I-J*

5 0 5 10 15 MILES

VERTICAL EXAGGERATION 106:1

EXPLANATION

Lithologic log
- Limestone
- Dolomite
- Sandstone
- Feldspathic sandstone
- Shale
- Sandy shale
- Chert
- N.S. No samples

Electric log
- Self potential curve
- Resistivity curve
- (Millivolt and ohm scales omitted)

GULF COAST EQUIVALENT	SERIES	SYSTEM
	Miocene	TERTIARY AND QUATERNARY
	Oligocene	TERTIARY
Rocks of Jackson age	Eocene	TERTIARY
Rocks of Claiborne age	Eocene	TERTIARY
Rocks of Wilcox age	Eocene	TERTIARY
Rocks of Midway age	Paleocene	TERTIARY
Rocks of Navarro age	Upper	CRETACEOUS
Rocks of Taylor age	Upper	CRETACEOUS
Rocks of Austin age	Upper	CRETACEOUS
Rocks of Woodbine and Eagle Ford age	Upper	CRETACEOUS
Atkinson Formation	Upper	CRETACEOUS
Rocks of Comanche age	Lower ?	PRE-CRETACEOUS ROCKS

GEOLOGIC SECTION *I-J*, FROM THE FALL LINE TO THE ATLANTIC OCEAN IN NORTHERN GEORGIA SHOWING MESOZOIC AND CENOZOIC ROCKS