

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

THE GEOLOGICAL SURVEY
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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

TWIGGS COUNTY

Location: Approximately 1 mi. south of Dry Branch, 1.5 mi. east of U.S. Highway 80
 Well No.: GGS 415
 Elev.: 430
 Owner: Georgia Kaolin Company
 Driller: Layne-Atlantic Company
 Drilled: March 1955

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Barnwell Formation:		
Sand: fine to medium-grained, gray, argillaceous.....	24	24
Sand: fine to coarse-grained, angular, somewhat arkosic.....	20	44
Upper Cretaceous: Tuscaloosa Formation:		
Kaolin: micaceous, somewhat sandy.....	21	65
Sand: fine to coarse-grained, angular, arkosic.....	117	182
Kaolin: mottled, micaceous, somewhat sandy.....	12	194
Sand: coarse-grained, angular; kaolin, white.....	14	208
Clay: brick-red, micaceous, sandy.....	23	231
Sand: fine to coarse-grained, angular, arkosic.....	141	372

Summary:

Upper Eocene (Barnwell formation).....	44	44
Upper Cretaceous (Tuscaloosa formation).....	328	372

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	100	331
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Remarks:

Well samples of poor quality.

TWIGGS COUNTY

Location: Northeastern part of county, 1.75 mi. southeast of Liberty Church which is 0.75 mi. east of Myerick's Pond
 Well No.: GGS 416
 Elev.: 380
 Owner: No. 23 Georgia Kaolin Co.
 Driller: Layne-Atlantic Company
 Drilled: March 1955

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Barnwell Formation:		
Clay: mottled, very sandy, limonitic.....	6	6