

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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ATLANTA
1961

WILKINSON COUNTY

Location: Southwestern part of county near Danville Well No.: GGS 529
 Owner: No. 1 Danville Elementary School Elev.: 450¹
 Driller: Virginia Supply and Well Company

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Barnwell Formation:		
Clay: bluish-gray to tan to red (mottled), sandy, limonitic	40	40
Marl: dark-green, silty, sparsely glauconitic	10	50
Marl: light-gray, silty, blocky, glauconitic, fossiliferous (at certain levels macroshells, echinoid and bryozoan remains, and Foraminifera); interbedded limestone, light-gray, dense, crystalline	105	155
<i>Nonion advena</i> at 50-55.		
<i>Valvulineria jacksonensis</i> , <i>Nonion advena</i> at 80-85.		
Limestone: light-gray, dense, crystalline, sandier at depth, coarsely but sparsely glauconitic, fossiliferous (casts and molds of megafossils and abundant bryozoan remains)	5	160
Middle Eocene: Claiborne Group (Undifferentiated):		
Sand: fine to coarse-grained, angular, phosphatic at depth; some limestone, as above	45	205
Marl: light-gray, silty; some sand, fine to coarse-grained, angular	30	235
Limestone: light-gray, argillaceous, very sandy	5	240
Clay: dark-green to brown, somewhat indurated and fissile, abundantly glauconitic, carbonaceous, micaceous, pyritiferous, fossiliferous (rare Foraminifera)	20	260
Sand: coarse-grained, angular, phosphatic, somewhat arkosic....	30	290
Sand: as above; some clay, brown, sandy, lignitic	30	320
Summary:		
Upper Eocene (Barnwell formation)	160	160
Middle Eocene (Claiborne group, undifferentiated)	160	320
Potential Water-Bearing Zones:		
Sand: coarse-grained	30	290

¹Average elevation based on Georgia State Highway Maps.