

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

THE GEOLOGICAL SURVEY
Bulletin Number 70

WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

Stephen M. Herrick, Geologist
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

EARLY COUNTY

Location: In Recreation Area, Kolomoki State Park
 Owner: No. 1 Kolomoki State Park
 Driller: V. C. Mickle
 Drilled: 1940

Well No.: GGS 138
 Elev.: 272

	Thickness (feet)	Depth (feet)
Residuum:		
Clay: bluish-gray to red (mottled), sandy, limonitic; some residual limestone, more abundant with depth	35	35
Middle Eocene: Claiborne Group: Lisbon Formation:		
Limestone: light-gray, dense, rather massive, crystalline, sandy, cherty, glauconitic (finely disseminated grains), fossiliferous (macroshells and some bryozoan remains); interbedded marl, light-gray, silty, micaceous, somewhat carbonaceous, fossiliferous (some Foraminifera)	75	110
<i>Cibicides westi</i> at 65-75.		
Tallahatta Formation:		
Sand: fine to medium-grained, subangular, phosphatic; interbedded clay, dark-green, sandy, micaceous	78	188
Limestone: light-gray, dense, crystalline, massive, sandy, coarsely glauconitic, fossiliferous (fragments and molds of Gastropods)	10	198
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: dark-brown, silty, carbonaceous, micaceous, pyritiferous, fossiliferous (Foraminifera at depth)	190	388
<i>Robulus</i> sp., <i>Eponides dorfi</i> , <i>Alabama wilcoxensis</i> , <i>Valvulineria scrobiculata</i> at 218-228.		
Sand: fine to medium-grained, subangular, abundantly glauconitic	10	398
Paleocene: Midway Group: Clayton Formation:		
Sand: medium to coarse-grained, subangular grains of pale-green quartz	30	428

	Thickness (feet)	Depth (feet)
Indurated sand: gray, fine-grained, glauconitic (finely disseminated grains); interbedded marl, dark-gray to black, fissile, carbonaceous, micaceous, fossiliferous (Foraminifera)	40	468
<i>Pseudophragmina stephensoni</i> at 438-448.		
<i>Robulus midwayensis</i> at 448-458.		
Limestone: light-gray to white at depth, crystalline, much calcitized, sandy, fossiliferous (some macroshells, bryozoan remains, and Foraminifera)	106	574

Summary:

Residuum	35	35
Middle Eocene (Lisbon formation)	75	110
Middle Eocene (Tallahatta formation)	88	198
Lower Eocene (Wilcox group, undifferentiated)	200	398
Paleocene (Clayton formation)	176	574

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	58	168
Sand: fine to coarse-grained	30	428
Limestone	100	574

EARLY COUNTY

Location: In Kolomoki State Park
 Owner: No. 2 Kolomoki State Park
 Driller: Layne-Atlantic Company
 Drilled: August 1951

Well No.: GGS 234

	Thickness (feet)	Depth (feet)
Residuum:		
Clay: bluish-gray to red (somewhat mottled), sandy, limonitic	18	18
Sand: coarse-grained, angular, and some residual limestone	15	33
Middle Eocene: Claiborne Group: Lisbon Formation:		
Limestone: light-gray, dense, rather massive, glauconitic, sandy; interbedded marl, light-gray, silty, micaceous, somewhat carbonaceous, sandy, fossiliferous (Foraminifera)	32	65
<i>Cibicides westi</i> at 45-65.		