

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

RICHMOND COUNTY

Location: Hephzibah
 Owner: No. 1 City of Hephzibah
 Driller: Layne-Atlantic Company

Well No. GGS 526
 Elev.: 430

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Barnwell Formation:		
Sand: fine to coarse-grained, angular; some clay, brick-red, sandy	15	15
Sand: fine to coarse-grained, angular, arkosic, with inclusions of kaolin; interbedded clay, yellowish-green to tan to red (somewhat mottled), sandy	125	140
Upper Cretaceous: Tuscaloosa Formation:		
Kaolin: gray to pink, white at depth, micaceous, somewhat sandy	45	185
Kaolin: gray to purple (mottled), sandy, sandier with depth	75	260
Sand: coarse-grained, angular, arkosic	15	275
No samples	13	288
Sand: coarse-grained, angular, arkosic	10	298
Sand: as above, inclusions of clay	12	310
Sand: coarse-grained, angular, arkosic	20	330
Kaolin: cream to red (mottled), micaceous, sandy	20	350
Summary:		
Upper Eocene (Barnwell formation)	140	140
Upper Cretaceous (Tuscaloosa formation)	210	350
Potential Water-Bearing Zones:		
Sand: coarse-grained	15	275
Sand: coarse-grained	10	298
Sand: coarse-grained	20	330