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

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WELL LOGS OF THE COASTAL PLAIN OF GEORGIA

by

Stephen M. Herrick, Geologist
United States Geological Survey

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ATLANTA
1961

	Thickness (feet)	Depth (feet)
Summary:		
Upper Cretaceous (Providence and Ripley, undifferentiated)	440	440
Upper Cretaceous (Cusseta sand)	75	515
Upper Cretaceous (Blufftown formation)	723	1,238
In Upper Cretaceous (Eutaw formation)	122	1,360
Upper Cretaceous (Tuscaloosa formation)	140	1,500
Potential Water-Bearing Zones:		
Sand: fine to medium-grained	34	1,360
Sand: fine to coarse-grained	13	1,377
Sand: fine to coarse-grained	9	1,404
Sand: fine to coarse-grained	24	1,434
Sand: fine to coarse-grained	13	1,460

RANDOLPH COUNTY

Location: In Cuthbert — Well No.: GGS 552
Owner: City of Cuthbert — Elev.: 460
Driller: Layne-Atlantic Company
Drilled: 1958

	Thickness (feet)	Depth (feet)
Middle Eocene: Claiborne Group (Undifferentiated):		
Sand: fine to coarse-grained, angular, argillaceous, brick-red, limonitic, sparsely glauconitic	44	44
Sand: as above; some clay, yellowish-green, sandy, micaceous	20	64
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: light-gray, silty, micaceous, carbonaceous	82	146
Sand: fine to medium-grained, subangular, abundantly glauconitic	10	156
Paleocene: Midway Group: Clayton Formation:		
Sand: fine to coarse-grained, subangular, pale-green quartz grains; interbedded clay, black, somewhat fissile, carbonaceous, micaceous	81	237
Limestone: gray, dense, nodular, somewhat sandy, pyritiferous, fossiliferous (fragments, casts and molds of megafossils, bryozoan remains, and Foraminifera)	73	310
Limestone: as above but very sandy	21	331

	Thickness (feet)	Depth (feet)
Upper Cretaceous: Providence Sand:		
Sand: fine to coarse-grained, somewhat angular	7	338
Marl: bluish-gray, silty, chalky, micaceous, pyritiferous, fossiliferous (some Foraminifera)	13	351
Anomalina pseudopapillosa, Epistomina caracolla at 338-346.		
Summary:		
Middle Eocene (Claiborne group, undifferentiated)	64	64
Lower Eocene (Wilcox group, undifferentiated)	92	156
Paleocene (Clayton formation)	175	331
Upper Cretaceous (Providence sand)	20	351
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	91	237
Limestone	73	310
Sand: fine to coarse-grained	7	338

RICHMOND COUNTY

Location: Augusta
Owner: No. 1 Georgia Training School (Circular Court)
Driller: Virginia Machine and Well Company
Drilled: February 1940
Well No.: GGS 129
Elev.: 136

	Thickness (feet)	Depth (feet)
No samples	9	9
In Upper Cretaceous: Tuscaloosa Formation:		
Kaolin: white, micaceous, sandy; interbedded sand, fine to coarse-grained, angular, arkosic	131	140
Sand: medium to coarse-grained, angular, arkosic, with inclusions of kaolin (clay balls)	18	158
Kaolin: yellow to white, micaceous, very sandy, limonitic	4	162
Brown limonitic pellets prominent at 160-162.		
Basement Complex (Undifferentiated):		
Clay: bluish-gray, sandy, highly micaceous	13	175
Crystalline rock	154	329