

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

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Remarks:

Because the dolomitic limestone contains gypsum and yields hard water, it is not a good source of ground water. The best available aquifer in this well appears to be the interval 700-1000.

COLUMBIA COUNTY

Location: Approximately 1 mi. north of Highway 12 on top of high hill, in Grovetown
 Well No.: GGS 264
 Owner: No. 1 City of Grovetown
 Driller: Virginia Supply and Well Company
 Drilled: 1951
 Elev.: 500

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Barnwell Formation:		
Sand: argillaceous, tan, fine to medium-grained, limonitic; inclusions of kaolin, white, micaceous, somewhat sandy.....	40	40
Upper Cretaceous: Tuscaloosa Formation:		
Clay (or kaolin): gray, sandy.....	40	80
Sand: yellow, fine to coarse-grained.....	8	88
Kaolin: white, abundantly micaceous, sandy.....	47	135
Basement Complex (Undifferentiated):		
Clay: yellow, very sandy, garnet and hornblende crystals.....	21	156
Crystalline rock.....	144	300

Summary:

Upper Eocene (Barnwell formation).....	40	40
Upper Cretaceous (Tuscaloosa formation).....	95	135
Basement complex (undifferentiated).....	165	300

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	8	88
Crystalline rock (fractures in).....	144	300