

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

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Potential Water-Bearing Zones:		
Sand: fine to medium-grained.....	10	130
Sand: fine to medium-grained.....	20	200
Sand ¹ : fine to coarse-grained.....	80	400

Remarks:

Samples of very poor quality.

JEFFERSON COUNTY

Location: Northeast of Wadley at Smith's Fish Pond
 Owner: No. 1 W. P. Smith
 Driller: M. M. Gray Drilling Company
 Drilled: June 1957

Well No.: GGS 532
 Elev.: 180²

	Thickness (feet)	Depth (feet)
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Pliocene to Recent (Undifferentiated):

Sand: fine to coarse-grained, angular, arkosic; clay, brick-red, sandy, limonitic.....	30	30
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Oligocene(?) (Undifferentiated):

Limestone: white, crystalline, saccharoidal, very sandy, coarsely glauconitic, fossiliferous (fragments and molds of megafossils, and echinoid and bryozoan remains); interbedded sand, fine to medium-grained.....	35	65
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Upper Eocene: Jackson Group: Barnwell Formation:

Marl: gray to light-brown, silty, indurated at certain levels, carbonaceous, fossiliferous (Foraminifera); interbedded sand, fine to coarse-grained; limestone, light-gray, somewhat saccharoidal, sandy, sparsely phosphatic, glauconitic, fossiliferous (fragments and molds of megafossils).....	185	250
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Limestone prominent at 70-80.

Valvulineria jacksonensis at 80-90.

Nonion advena at 100-110.

Discorbis assulata at 140-150.

Sand at 220-250.

¹Additional sand aquifers occur below 400', but owing to poor samples cannot be delineated.

²Average elevation based on Georgia State Highway Maps.

