

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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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Clay: yellowish-green, sandy; interbedded limestone, white, dense, calcitized, sandy.....	210	280

Limestone prominent at 160-170.

In Oligocene (Undifferentiated):

Limestone: white, somewhat sandy, fossiliferous.....	20	300
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Rotalia mexicana var. at 280-290.

Pyrgo sp. at 290-300.

Summary:

Miocene (undifferentiated)	280	280
In Oligocene (undifferentiated).....	20	300

Potential Water-Bearing Zones:

Limestone	20	300
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Remarks:

Samples of poor quality.

WORTH COUNTY

Location: 0.25 mi. west of town of Red Rock
 Owner: No. 1 Red Rock Elementary School
 Driller: W. H. Pierson Drilling Company
 Drilled: 1955

Well No.: GGS 471
 Elev.: 330

	Thickness (feet)	Depth (feet)
Residuum:		
Clay: mottled, sandy, limonitic.....	10	10
Clay: olive-green to red (somewhat mottled), carbonaceous, sandy, and fragments of chert.....	10	20
Clay: as above, with residual limestone.....	40	60
No samples	30	90

	Thickness (feet)	Depth (feet)
In Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: white, dense, crystalline, highly calcitized, fossiliferous at certain levels (macroshells, bryozoan remains, and some Foraminifera)	155	245
<i>Robulus alato-limbatus</i> , <i>Siphonina jacksonensis</i> , <i>Eponides jacksonensis</i> , <i>Gypsina globula</i> at 90-100.		
<i>Lepidocyclina</i> sp. at 110-120.		
<i>Gypsina globula</i> common at 125-130.		
Limestone: as above, but coarsely glauconitic.....	15	260
<i>Operculina mariannensis</i> at 255-260.		
Limestone: white, dense, sandy, fossiliferous (macroshells and Foraminifera)	40	300
<i>Amphistegina pinarensis</i> var. at 285-290.		
Sand: fine to medium-grained, angular.....	15	315

Summary:

Residuum	60	60
No samples	30	90
In upper Eocene (Ocala limestone).....	225	315

Potential Water-Bearing Zones:

Limestone	210	300
Sand: fine to medium-grained.....	15	315

BEAUFORT COUNTY, S. C.

Location: Approximately 0.25 mi. west of Well 66, Hilton Island
 Well No.: GGS 385
 Elev.: 15
 Owner: No. 2 USGS Test Hole (Observation Well)
 Driller: M. M. Gray Drilling Company
 Drilled: June, 1954

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, finely disseminated phosphatic grains; interbedded clay; dark-gray, silty, somewhat indurated, carbonaceous, micaceous, fossiliferous (macroshells at certain horizons)	20	20