

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)
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: light-gray, crystalline (much calcitized), fossiliferous (abundant bryozoan remains and some Foraminifera)	70	615
<i>Operculinoides</i> sp. at 545-555.		
<i>Operculinoides floridensis</i> at 555-570.		
<i>Asterocyclina nassauensis</i> , <i>Gypsina globula</i> , <i>Argyrotheca</i> sp. at 580-615.		
<i>Gypsina globula</i> , <i>Asterocyclina nassauensis</i> , <i>Lingulina</i> sp., <i>Baggina xenoula</i> , <i>Eponides jacksonensis</i> , <i>Nonion planatus</i> , <i>Argyrotheca</i> sp. at 615-645.		

Limestone: white, densely crystalline (highly calcitized), fossiliferous (abundant bryozoan remains and Foraminifera)	96	711
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Summary:

No samples	355	355
In Miocene (undifferentiated)	45	400
Oligocene (undifferentiated)	145	545
Upper Eocene (Ocala limestone)	166	711

Potential Water-Bearing Zones:

Limestone	166	711
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McINTOSH COUNTY

Location: Northeastern part of Harris Neck, 1,760 ft. south of Newport River
 Owner: No. 1 Harris Neck Airport (U.S. Govt.)
 Driller: Stevens Southern
 Drilled: July 1942

Well No.: GGS 88
 Elev.: 16

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to coarse-grained, angular, arkosic	78	78
Sand: fine-grained, finely disseminated phosphatic grains; and clay, dark-gray, carbonaceous, micaceous	122	200
In Miocene (Undifferentiated):		
Clay: dark-green, abundantly phosphatic, cherty, sandy, sandier with depth	185	335
Sand: medium to coarse-grained, phosphatic, fossiliferous (echinoid and bryozoan remains, and macroshells)	35	370

	Thickness (feet)	Depth (feet)
Limestone: white, dense (much calcitized), very sandy, coarsely phosphatic; sand, as above.....	5	375
No samples	75	450

In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: light-gray, crystalline (much calcitized), fossiliferous (abundant bryozoan remains and some Foraminifera); soft limestone, cream, somewhat nodular in texture.....	115	565
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Summary:

Pliocene to Recent (undifferentiated).....	200	200
In Miocene (undifferentiated).....	175	375
No samples	75	450
In upper Eocene (Ocala limestone).....	115	565

Potential Water-Bearing Zones:

Sand: medium to coarse-grained.....	35	370
Limestone	115	565

McINTOSH COUNTY

Location: 5 mi. northwest of Darien
 Owner: No. 1 Charles Fountain
 Driller: Woodrow Sapp Drilling Company
 Drilled: 1959

Well No.: GGS 596
 Elev.: 15

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

Sand: fine to coarse-grained, subangular to subrounded, somewhat phosphatic, micaceous; interbedded clay, brownish-green to greenish-gray, sandy, micaceous.....	265	265
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Miocene (Undifferentiated):

Clay: dark-olive-green, somewhat blocky, tough, phosphatic at depth, cherty at certain levels.....	75	340
Sand: fine to medium-grained, subangular to subrounded, phosphatic	50	390
Clay: dark-greenish-gray, sandy, phosphatic.....	50	440
Limestone: cream to light-brown, rather dense, calcitized, sandy, phosphatic	10	450