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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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Potential Water-Bearing Zones:		
Limestone	180	400

McINTOSH COUNTY

Location: West side of Blackbeard Island, 3.25 mi. south of north end of island, near boat landing
Owner: No. 4 U.S. Biological Survey (U.S. Govt.)
Driller: J. R. Neikirk
Drilled: March 1935
Well No.: GGS 84
Elev.: 9

	Thickness (feet)	Depth (feet)
No samples	355	355
In Miocene (Undifferentiated):		
Sand: fine to coarse-grained, phosphatic; limestone, yellow, very dense, (much calcitized), sandy, fossiliferous (echinoid and bryozoan remains)	45	400
Oligocene (Undifferentiated):		
Limestone: cream, granular (poorly cemented), fossiliferous (Foraminifera)	105	505
Rotalia beccarii var., *Elphidium* sp., *Discorbis subaraucana, Textularia adalta, Asterigerina* sp., *Cibicides americanus, Discorbis assulata* at 400-424.		
Textularia tumidula, Rotalia byramensis var., *Nonion alabamensis, Nonionella hantkeni* var., *Reussella oligocenica* 445-455.		
Spiroplectammina mississippiensis var. *alabamensis, Reussella byramensis, Baggina xenoula, Rotalia mexicana* var. at 486-505.		
Limestone: cream to reddish-brown, rather massive (much calcitized), nodular, fossiliferous (bryozoan remains, megafossils, and Foraminifera)	40	545
Siphonina advena, Dictyoconus[1] sp., *Reussella byramensis, Reussella oligocenica, Rotalia mexicana* var., *Discorbis* sp., *Quinqueloculina* sp., *Gypsina globula*[1] at 505-565.		

[1]Reworked (?) fossil of middle Eocene age.

	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
Operculinoides sp. at 545-555.		
Operculinoides floridensis at 555-570.		
Asterocyclina nassauensis, Gypsina globula, Argyrotheca sp. at 580-615.		
Gypsina globula, Asterocyclina nassauensis, Lingulina sp., *Baggina xenoula, Eponides jacksonensis, Nonion planatus, Argyrotheca* sp. at 615-645.		
Limestone: white, densely crystalline (highly calcitized), fossiliferous (abundant bryozoan remains and Foraminifera)	96	711
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

McINTOSH COUNTY

Location: Northeastern part of Harris Neck, 1,760 ft. south of Newport River
Well No.: GGS 88
Elev.: 16
Owner: No. 1 Harris Neck Airport (U.S. Govt.)
Driller: Stevens Southern
Drilled: July 1942

	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	135	335
Sand: medium to coarse-grained, phosphatic, fossiliferous (echinoid and bryozoan remains, and macroshells)	35	370