

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

LOWNDES COUNTY

Location: In Valdosta
 Owner: No. 1 City of Valdosta
 Driller: M. M. Gray Drilling Company
 Drilled: 1955

Well No.: GGS 511

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: light-gray to yellow to purple (mottled), sandy, limonitic; interbedded sand, fine to medium-grained, phosphatic (finely disseminated grains), inclusions of kaolin	70	70
Miocene (Undifferentiated):		
Clay: white to light-gray, green to turquoise at depth, somewhat indurated, sandy, carbonaceous, phosphatic; interbedded limestone, white, dense (much calcitized), sandy, phosphatic	120	190
Light-gray to brown phosphatic pebbles prominent at 80-90.		
Dolomitic limestone: light-brown, dense, saccharoidal	20	210
No samples	10	220
In Oligocene (Undifferentiated):		
Limestone: light-gray, dense (much calcitized), saccharoidal, cherty	100	320
<i>Quinqueloculina</i> sp. at 230-240.		
<i>Dictyoconus</i> ¹ sp. at 240-250.		
Dolomitic limestone: brown, saccharoidal	30	350
Limestone: as in interval 220-320	25	375
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: white to cream, fossiliferous (Foraminifera)	25	400
<i>Operculinoides</i> sp. at 370-380.		
<i>Gypsina globula</i> at 380-390.		
Summary:		
Pliocene to Recent (undifferentiated)	70	70
Miocene (undifferentiated)	140	210
No samples	10	220
In Oligocene (undifferentiated)	155	375
Upper Eocene (Ocala limestone)	25	400

¹Reworked (?) fossil of middle Eocene age.

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

McINTOSH COUNTY

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

	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 (echi-
noid and bryozoan remains)

	45	400
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Oligocene (Undifferentiated):

Limestone: cream, granular (poorly cemented), fossiliferous
(Foraminifera)

	105	505
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Rotalia beccarii var., *Elphidium* sp., *Discorbis subaraucana*,
Textularia adalta, *Asterigerina* sp., *Cibicides americanus*,
Discorbis assulata at 400-424.

Textularia tumidula, *Rotalia byramensis* var., *Nonion ala-*
bamensis, *Nonionella hantkeni* var., *Reussella oligocenica*
445-455.

Spiroplectammina mississippiensis var. *alabamensis*, *Reus-*
sella byramensis, *Baggina xenoula*, *Rotalia mexicana* var.
at 486-505.

Limestone: cream to reddish-brown, rather massive (much
calcitized), nodular, fossiliferous (bryozoan remains, mega-
fossils, and Foraminifera)

	40	545
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Siphonina advena, *Dictyoconus*¹ sp., *Reussella byramensis*,
Reussella oligocenica, *Rotalia mexicana* var., *Discorbis* sp.,
Quinqueloculina sp., *Gypsina globula*¹ at 505-565.

¹Reworked (?) fossil of middle Eocene age.