

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)
Oligocene (Undifferentiated):		
Limestone: light-gray to cream, nodular, rather massive, somewhat sandy, fossiliferous (macroshells, some bryozoan remains, and Foraminifera)	41	430
<i>Pyrgo</i> sp., <i>Eponides</i> sp., <i>Asterigerina subacuta</i> at 389-403.		
Casts and molds of megafossils, particularly of Gastropods prominent at 403-410.		

Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: cream, soft, granular, fossiliferous (bryozoan remains and abundant "larger Foraminifera")	20	450
<i>Gypsina globula</i> , <i>Reussella eocena</i> , <i>Eponides jacksonensis</i> , <i>Lepidocyclina</i> sp. abundant at 430-450.		

Summary:

No samples	22	22
In Miocene (undifferentiated)	367	389
Oligocene (undifferentiated)	41	430
Upper Eocene (Ocala limestone)	20	450

Potential Water-Bearing Zones:

Limestone	61	450
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CHARLTON COUNTY

Location: 21 mi. west of Folkston on Jones Island, Okefenokee Swamp
 Well No.: GGS 93
 Elev.: 120
 Owner: No. 1 U. S. Biological Survey
 Driller: Virginia Supply and Well Company
 Drilled: November 1939

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, finely disseminated phosphatic grains; interbedded clay, dark-gray, sandy, lignitic, micaceous	30	30
Limestone: dark-gray, somewhat argillaceous	9	39
Clay: light-gray, very sandy, phosphatic	11	50

	Thickness (feet)	Depth (feet)
Limestone: light-gray, dense (much calcitized), very sandy, fossiliferous (casts and impressions of megafossils).....	10	60
Sand: fine-grained, somewhat argillaceous, sparsely phosphatic	22	82

Miocene (Undifferentiated):

Clay: dark-green, blocky, sandy, phosphatic; interbedded sand, fine to coarse-grained, phosphatic; dolomitic limestone, light-brown, sandy, phosphatic.....	188	270
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Dolomitic limestone prominent at 139-155 and 220-228.

Sand prominent at 263-270.

Summary:

Pliocene to Recent (undifferentiated)	82	82
Miocene (undifferentiated)	188	270

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	7	270
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CHARLTON COUNTY

Location: 1.25 mi. southwest of Atlantic Coast Line R.R. depot in Folkston

Well No.: GGS 185
Elev.: 75

Owner: No. 1 State Prison Camp (Folkston)

Driller: Gray Well and Pump Corporation

Drilled: January 1941

	Thickness (feet)	Depth (feet)
No samples	90	90

In Pliocene to Recent (Undifferentiated):

Limestone: gray, dense (highly calcitized), saccharoidal, sandy, sparsely but finely phosphatic, fossiliferous (molds and impressions of megafossils).....	10	100
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Miocene (Undifferentiated):

Sand: fine to coarse-grained, abundantly phosphatic; clay, dark-green, somewhat indurated, fossiliferous (some Foraminifera)	25	125
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Rotalia beccarii var. at 118.