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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ATLANTA
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GRADY COUNTY

Location: Southern part of town, west side of Broad Street, in Cairo
Owner: No. 2 ("South Well") City of Cairo
Driller: Layne-Atlantic Company
Drilled: 1946

Well No.: GGS 141
Elev.: 234

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: bluish-gray to pink (mottled), sandy, limonitic	4	9
Clay: tan to bluish-gray (mottled), sandy, limonitic	6	15
Sand: fine-grained, micaceous, phosphatic (finely disseminated)	18	33
Lignite: black; and clay, gray, blocky, sandy	16	49
Miocene and Oligocene (Undifferentiated):		
Sand: medium-grained, angular, arkosic; and clay, as above	14	63
No samples	21	84
Clay: yellowish-green to red (mottled), sandy; interbedded limestone, cream to gray to light-brown, somewhat dolomitized and saccharoidal at certain levels, sandy, fossiliferous at depth (casts and molds of megafossils)	318	402
Limestone with casts and molds of megafossils prominent at 323-370.		
Upper Eocene(?): Jackson Group: Ocala Limestone:		
Dolomitic limestone: brown, saccharoidal	32	434

Summary:

Pliocene to Recent (undifferentiated)	49	49
Miocene and Oligocene (undifferentiated)	353	402
Upper Eocene(?) (Ocala limestone)	32	434

Potential Water-Bearing Zones:

Limestone	47	370
Limestone	32	434

Remarks:

Samples appear to be of poor quality.