

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

	Thickness (feet)	Depth (feet)
Summary:		
No samples	30	30
In Miocene (undifferentiated)	195	225
Oligocene (undifferentiated)	90	315
In upper Eocene (Ocala limestone)	195	510
No samples	300	810
In middle Eocene (Claiborne group, undifferentiated)	60	870
No samples	474	1,344
In lower Eocene and Paleocene (undifferentiated)	466	1,810
No samples	180	1,990
In Upper Cretaceous (post-Tuscaloosa, undifferentiated)	910	2,900
In Upper Cretaceous (Tuscaloosa formation)	690	3,590
Lower Cretaceous(?) (undifferentiated)	410	4,000

Potential Water-Bearing Zones:

Limestone	645	870
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Remarks:

Top of Upper Cretaceous, as based on electric log, probably at approximate depth of 1870.

TELFAIR COUNTY

Location: In McRae
Owner: City of McRae
Driller: M. M. Gray

Well No.: GGS 507
Elev.: 250

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Sand: fine to coarse-grained, somewhat argillaceous, light-gray to red (mottled), limonitic, arkosic	20	20
Clay: pale-green, sandy; some sand, as above	20	40
Sand: fine to medium-grained, arkosic, finely disseminated phosphatic nodules	20	60
Sand: as above; interbedded clay, pale-green, sandy; thin limestones, white, sandy, sparsely but finely phosphatic	90	150
Limestone: white, dense (much calcitized), sandy, phosphatic, fossiliferous (macroshells and some Foraminifera)	20	170

Elphidium sp., *Sorites* sp. at 170-175.

	Thickness (feet)	Depth (feet)
Oligocene (Undifferentiated):		
Limestone: light-gray to white at depth, nodular, highly calcitized, crystalline, sandy, fossiliferous (some echinoid and bryozoan remains and Foraminifera)	60	230
<i>Rotalia mexicana</i> var., <i>Gypsina globula</i> ¹ at 170-180.		
<i>Lepidocyclina</i> sp. at 210-220.		
Limestone: as above but much softer, massive, fossiliferous (echinoid and bryozoan remains, and Foraminifera)	30	260
<i>Lepidocyclina</i> sp., <i>Coskinolina</i> ? ¹ sp., <i>Dictyoconus</i> ¹ sp. at 230-240.		

Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: cream, much calcitized, crystalline, fossiliferous at certain levels (bryozoan remains and Foraminifera)	115	375
<i>Operculinoides floridensis</i> common at 260-270.		
Limestone: white, dense (highly calcitized); massive, relatively unfossiliferous	140	515

Summary:

Miocene (undifferentiated)	170	170
Oligocene (undifferentiated)	90	260
Upper Eocene (Ocala limestone)	255	515

Potential Water-Bearing Zones:

Limestone	305	515
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TERRELL COUNTY

Location: Approximately 300 ft. south of Central of Georgia R.R., east side of main street in Dawson
 Well No.: GGS 213
 Elev.: 347
 Owner: No. 3 City of Dawson
 Driller: Layne-Atlantic Company
 Drilled: December 1950

	Thickness (feet)	Depth (feet)
Residuum:		
Sand: fine to coarse-grained, angular; clay, yellow to olive-green to red (mottled), sandy, limonitic; residual limestone, yellow, iron-stained, leached, cherty, fossiliferous (bryozoan remains, occasional Ostracods and Foraminifera)	20	20
<i>Rotalia byramensis</i> var., <i>Quinqueloculina</i> sp. at 0-15.		

¹Reworked (?) fossil of middle Eocene age.