

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

Stephen M. Herrick, Geologist
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

BACON COUNTY

Location: City of Alma
 Owner: No. 1 City of Alma
 Driller: Gray Well & Pump Company
 Drilled: May 1938

Well No.: GGS 58
 Elev.: 200

	Thickness (feet)	Depth (feet)
--	---------------------	-----------------

Pliocene to Recent (Undifferentiated):

Clay: red, some gray (mottled), very sandy, limonitic	50	50
No samples	14	64

In Miocene (Undifferentiated):

Clay: pale-green, sandy, phosphatic at depth; interbedded sand and sandy limestone	296	360
---	-----	-----

Brown chert abundant at 200-210.

Brown phosphatic pebbles at 210-220.

Fossiliferous limestone of macroshells at 260-270.

Limestone: white, sandy, fossiliferous and dolomitic at depth....	90	450
---	----	-----

Dolomitic limestone, brown, saccharoidal, at 400-450.

Oligocene (Undifferentiated):

Limestone: cream, fossiliferous	50	500
---------------------------------------	----	-----

Rotalia byramensis, *Dictyoconus*¹ sp. at 450-460.

Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: white, fossiliferous	126	626
---------------------------------------	-----	-----

Operculinoides floridensis at 500-510.

Bryozoan remains abundant at 520-530.

Gypsina globula at 540-550.

Summary:

Pliocene to Recent (undifferentiated)	50	50
No samples	14	64
In Miocene (undifferentiated)	386	450
Oligocene (undifferentiated)	50	500
Upper Eocene (Ocala limestone)	126	626

Potential Water-Bearing Zones:

Limestone	126	626
-----------------	-----	-----

¹Reworked (?) fossil of middle Eocene age.