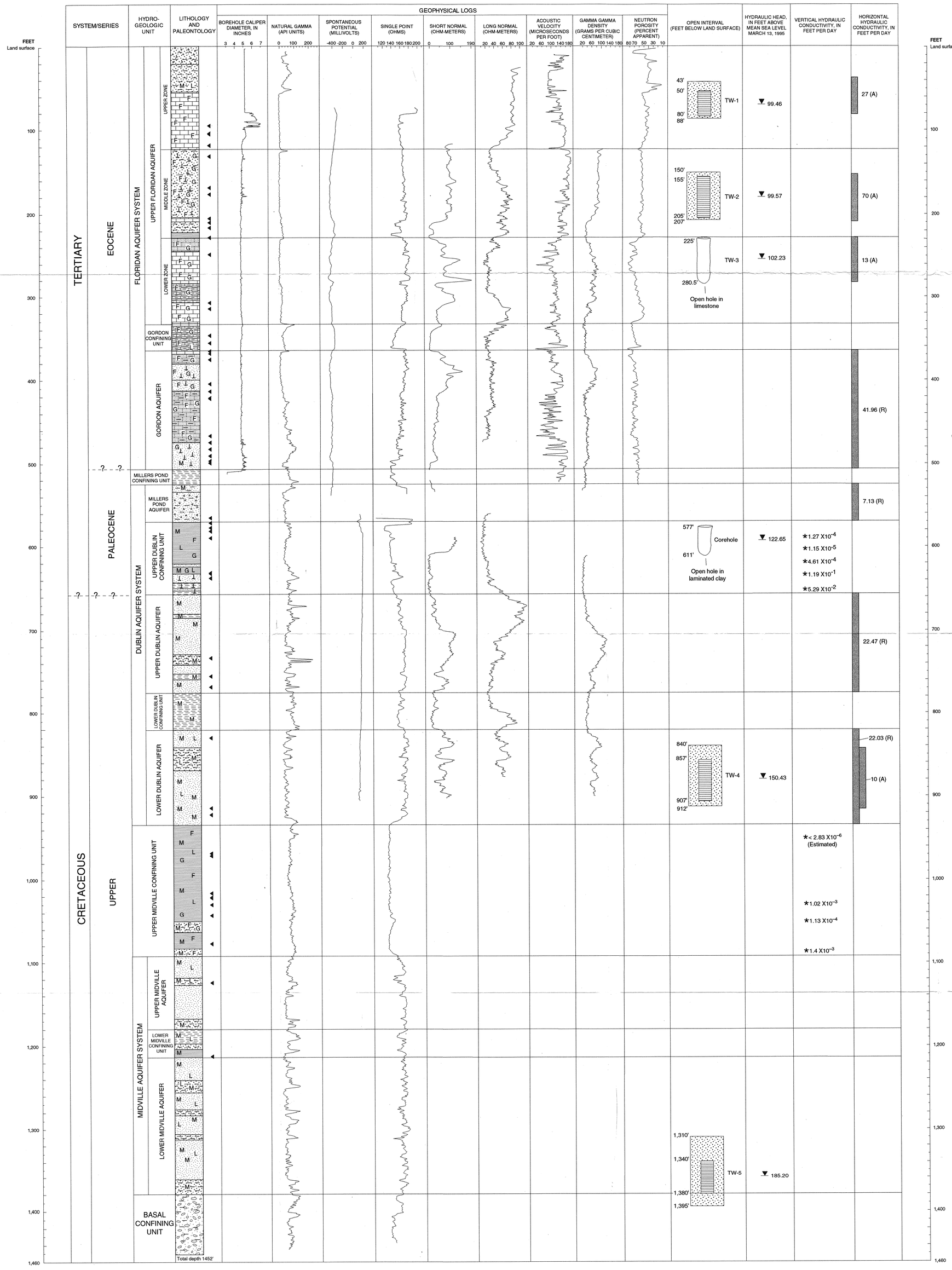
PREPARED IN COOPERATION WITH THE
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
AND
U.S. DEPARTMENT OF ENERGY






## EXPLANATION

### LITHOLOGY AND PALEONTOLOGY

[See Appendix for detailed lithologic description]

- SAND
- LAMINATED CLAY
- CLAYEY SAND
- CARBONATE
- CLAYEY SAND WITH GRANUELS OR PEBBLES
- SANDY CARBONATE
- SAND, GRAVEL IN DENSE CLAY MATRIX
- CLAYEY CARBONATE
- MASSIVE CLAY

M MICA
G GLAUCONITE
F FOSSILS
◄ PALEONTOLOGIC SAMPLE
L LIGNITE
⊥ CALCAREOUS

### OPEN INTERVAL

[see figures 2-6 for detailed well sketches]

WELL SCREEN
FILTER PACK OR FORMATION SAND
TW-2 — TEST WELL NUMBER LOCATED IN FIGURE 1

### HYDRAULIC HEAD

▼ 122.65 HYDRAULIC HEAD, IN FEET ABOVE MEAN SEA LEVEL, MARCH 13, 1995

### HYDRAULIC CONDUCTIVITY

[See tables 2-4 for summary of hydraulic property data]

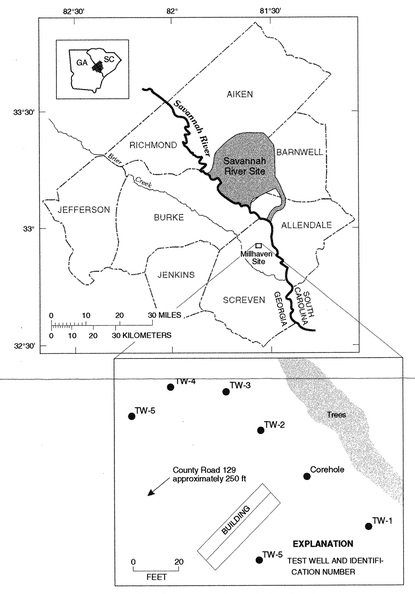
**Vertical**

★ Determined from hydraulic analysis of core (Core Laboratories, Inc., New Orleans, La.)

**Horizontal**

WATER-BEARING INTERVAL TESTED

13 (A) — HORIZONTAL HYDRAULIC CONDUCTIVITY, IN FEET PER DAY— (A) Determined from aquifer test (Kidd and Hodges, 1994a, 1994b,1994c, 1994d); (R) Estimated from formation resistivity logs using Faye and Smith (1994) method




Location of Millhaven site and test wells drilled at the site.

# LITHOLOGY, GEOPHYSICAL LOGS, OPEN INTERVALS, AND HYDRAULIC PROPERTIES IN TEST WELLS AT MILLHAVEN SITE, SCREVEN COUNTY, GEORGIA