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DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
MUNICIPIO AUTÓNOMO DE CAGUAS,
PUERTO RICO
OFFICE OF THE MAYOR

WATER-RESOURCES INVESTIGATIONS REPORT 00-4280

Hydrogeologic terranes, selected sub-basins, potentiometric surface of the alluvial aquifer, lineament traces, and well locations within the municipio of Caguas, Puerto Rico - PLATE 2

By Rodríguez-Martínez and others, *In* Gómez-Gómez and others, 2001,

Surface-Water, Water-Quality, and Ground-Water Assessment of the Municipio of Caguas, Puerto Rico, 1997-99

66°08'45" 65°59'14" 18°19'41" 18°06'20"

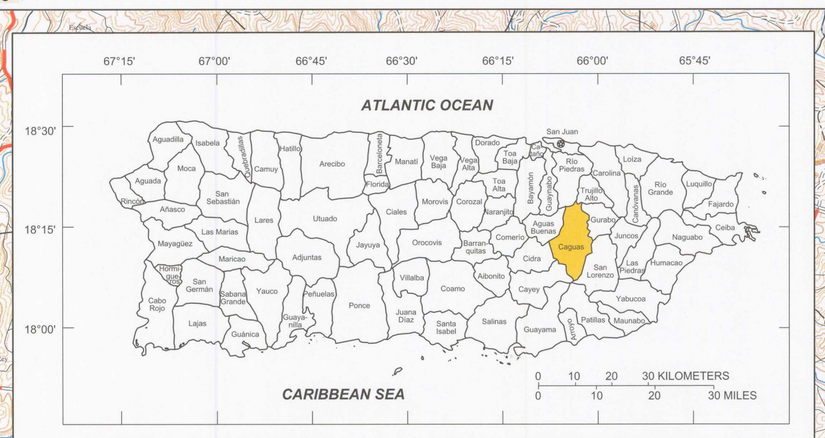

Figure 1. Location of the municipio of Caguas in relation to the other municipios of Puerto Rico.

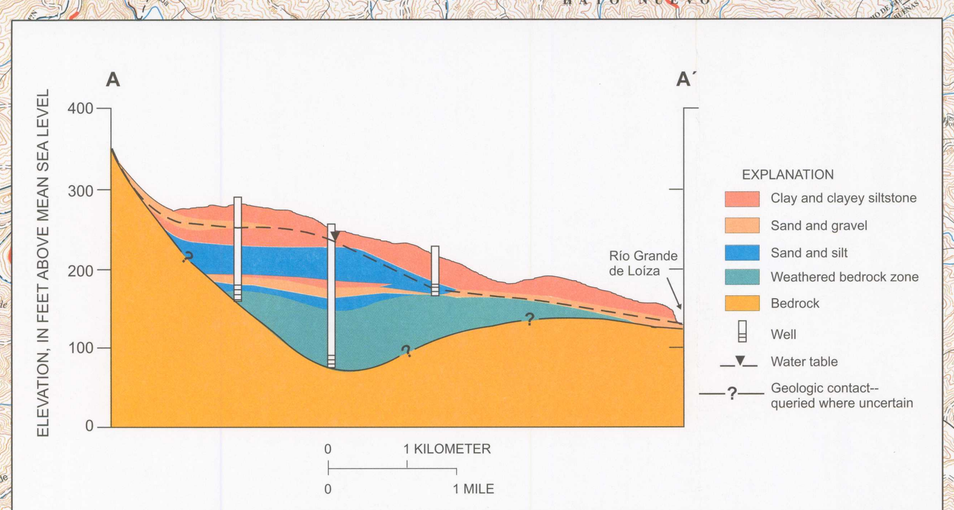

Figure 3. Generalized hydrogeologic section A-A´ along the alluvial valley in the municipio of Caguas, Puerto Rico. Line of section is shown on map (modified from Puig and Rodríguez, 1993).

EXPLANATION

- CaHT1 — Caguas hydrogeologic terrane 1
- CaHT2 — Caguas hydrogeologic terrane 2
- CaHT3 — Caguas hydrogeologic terrane 3
- CaHT4 — Caguas hydrogeologic terrane 4

- 75 — Potentiometric contour - Shows altitude in meters of water level as would occur in tightly cased wells. Datum is mean sea level
- A—A´ — Line of geologic section - Shown in figure 3
- Lineament trace
- Sub-basin boundary
- Municipio boundary
- Direction of ground-water flow
- 4 — Sub-basin identification number as in table 9 of report
- Spring
- Thermal spring
- Ground-water well
  1 Depth, in feet
  2 Water level, in feet below land surface
  3 Specific capacity, in gallons per minute per foot of drawdown
  4 Dissolved solids, in milligrams per liter
- Ground-water well used for potentiometric surface of alluvial aquifer
  1 Water-level altitude, in feet above mean sea level
  2 Water level, in feet below land surface
- 5 — Ground-water well with water-quality analysis - Shown in table 8. Identification number and name are listed in table 8
  1 Depth, in feet
  2 Water level below land surface, in feet
  3 Specific capacity, in gallons per minute per foot of drawdown
  4 Disolved solids, in milligrams per liter

Base map from Digital Line Graph data U.S. Geological Survey, Patillas, 1:20,000, photorevised 1982, Juncos, 1:20,000, photorevised 1982, Naranjito, 1:20,000, photorevised 1982, Caguas, 1:20,000, 1964, Gurabo, 1:20,000, 1969, Yabucoa, 1:20,000, 1960, Cayey, 1:20,000, 1972, Comerío 1:20,000, 1966.
Map scale in this plate is modified from 1:20,000 to 1:30,000.

HYDROGEOLOGIC TERRANES, SELECTED SUB-BASINS, POTENTIOMETRIC SURFACE OF THE ALLUVIAL AQUIFER, LINEAMENT TRACES, AND WELL LOCATIONS WITHIN THE MUNICIPIO OF CAGUAS, PUERTO RICO

By
Jesús Rodríguez-Martínez, Fernando Gómez-Gómez, and M.L. Oliveras-Feliciano

2001

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0 0.5 1 1.5 2 MILES

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