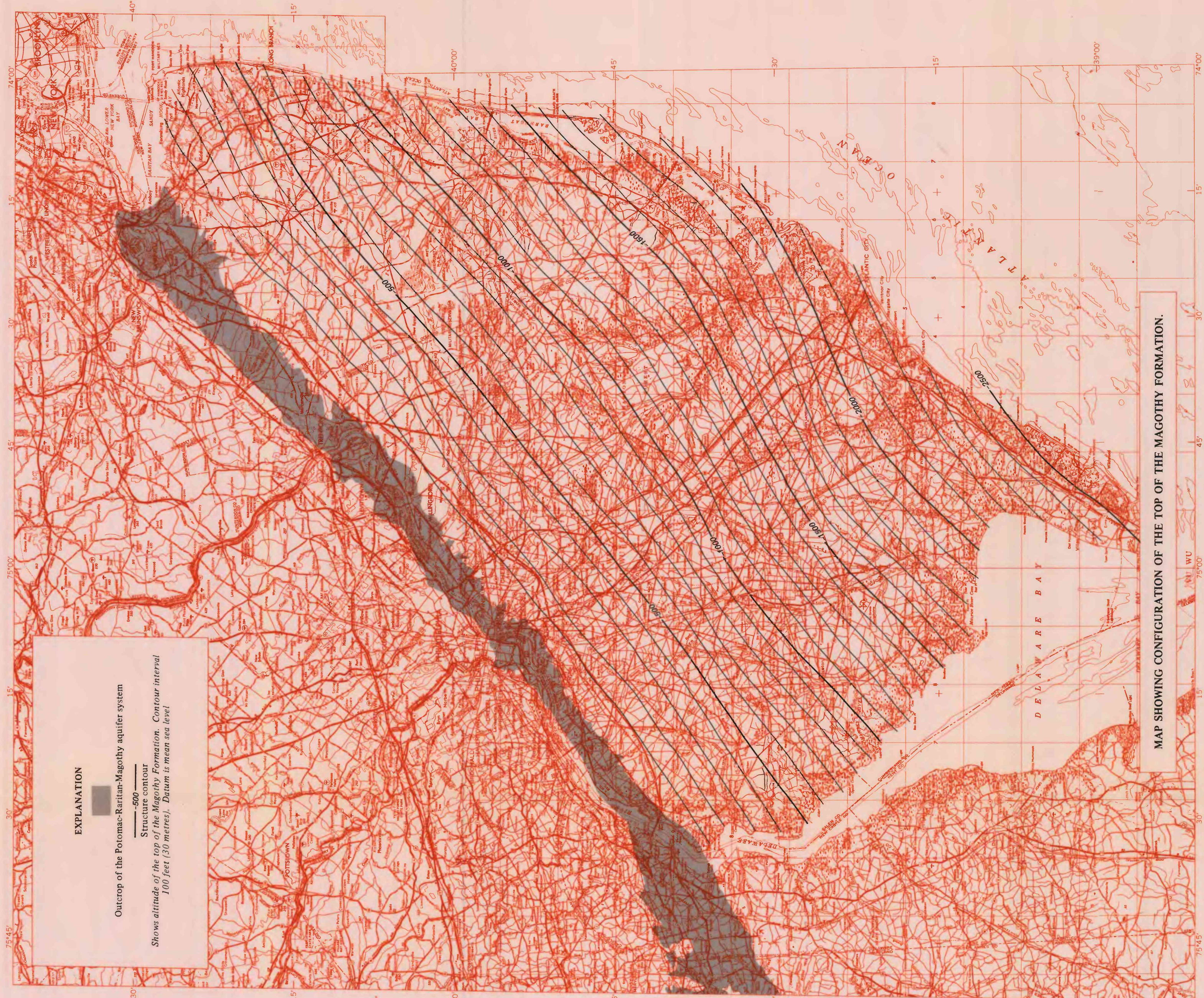


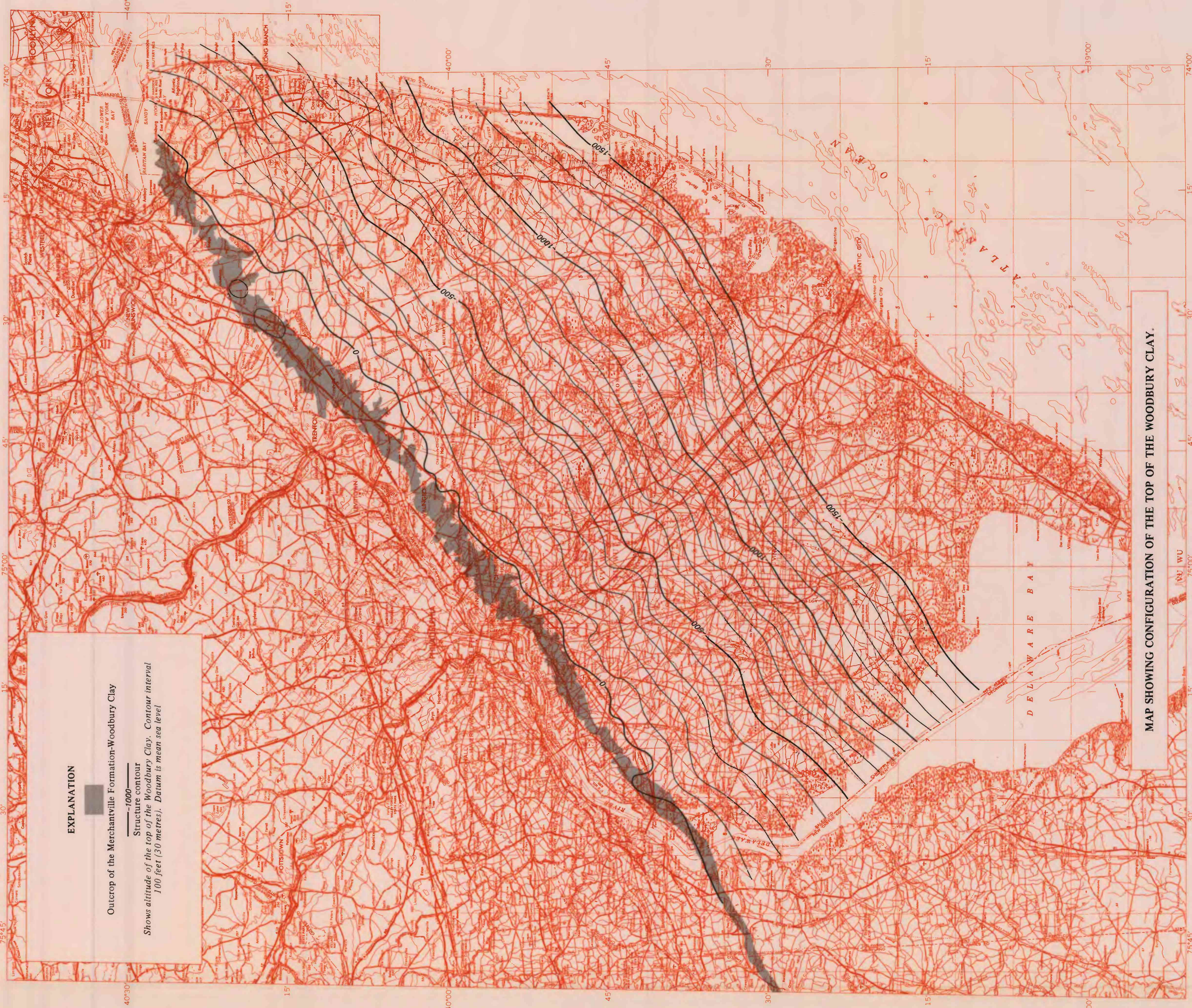


MAP SHOWING CONFIGURATION OF THE BEDROCK SURFACE.

Contour interval of bedrock surface compiled by H. E. Gill and G. M. Farlekas.



MAP SHOWING CONFIGURATION OF THE TOP OF THE MAGOGY FORMATION.



MAP SHOWING CONFIGURATION OF THE TOP OF THE WOODBURY CLAY.

INTRODUCTION

The Potomac Group and the Raritan and Magogy Formations of the Early Late Cretaceous age in the Potomac River basin in New Jersey and northern Pennsylvania are shown in figure 1. This is the most nearly pumped in New Jersey and contains fresh water over an area of about 2,500 mi².

The maps show the configuration of the topographic surface available for the aquifer system and its confining units. The maps show the configuration of the topographic surface and the attitude of the top of the aquifer system, three time-related potentiometric surface configurations, and three bed declines of the aquifer system, and a contour map of the topographic surface. The maps are a low being, partly showing data that support in attitude and in contour map of the Potomac River basin. The maps are a low being, partly showing data that support in attitude and in contour map of the Potomac River basin. The maps are a low being, partly showing data that support in attitude and in contour map of the Potomac River basin.

The data presented in this report were derived from investigations of bedrock, hydrology, and water quality of the Potomac River basin in New Jersey and northern Pennsylvania. The investigations were conducted by the Geological Survey, Department of the Interior, United States Geological Survey, Division of Water Policy and Supply, (formerly the Department of Conservation and Economic Development, Division of Water Policy and Supply).

Most numbers are given in this report in English units followed by metric units in parentheses.

MULTIPLE ENGLISH UNITS	BY	TO OBTAIN METRIC UNIT
feet (ft)	0.3048	meters (m)
square feet (ft ²)	0.0929	square meters (m ²)
cubic feet (ft ³)	0.0283	cubic meters (m ³)
gallons (gal)	3.7854	liters (l)
million gallons per acre foot (mgal/ac-ft)	0.297	million liters per hectare (ml/ha)
square miles (mi ²)	2.590	square kilometers (km ²)

Chemical concentrations in grams per liter (gpl) or milligrams per liter (mg/l). For concentrations less than 1,000 mg/l, the numerical value is shown in this report in milligrams per liter (mg/l).

LOWER CONFINING UNIT

The Confining Unit in New Jersey and Pennsylvania is unconformably on pre-Cretaceous bedrock. The Confining Unit in New Jersey is composed of the Raritan and Potomac Formations. The Confining Unit in Pennsylvania is composed of the Raritan and Potomac Formations. The Confining Unit in New Jersey is composed of the Raritan and Potomac Formations. The Confining Unit in Pennsylvania is composed of the Raritan and Potomac Formations.

The Mercurville Formation and the Woodbury Clay are not in contact. Together they function as an aquifer system. The Mercurville Formation is an aquifer system. The Woodbury Clay is an aquifer system. The Mercurville Formation and the Woodbury Clay are not in contact. Together they function as an aquifer system. The Mercurville Formation is an aquifer system. The Woodbury Clay is an aquifer system.

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