U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
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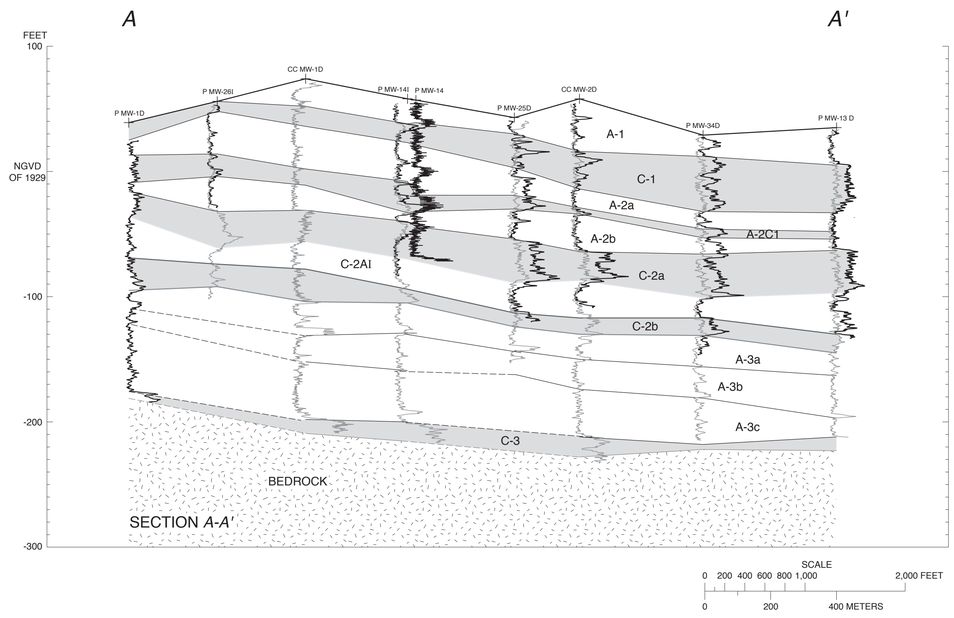
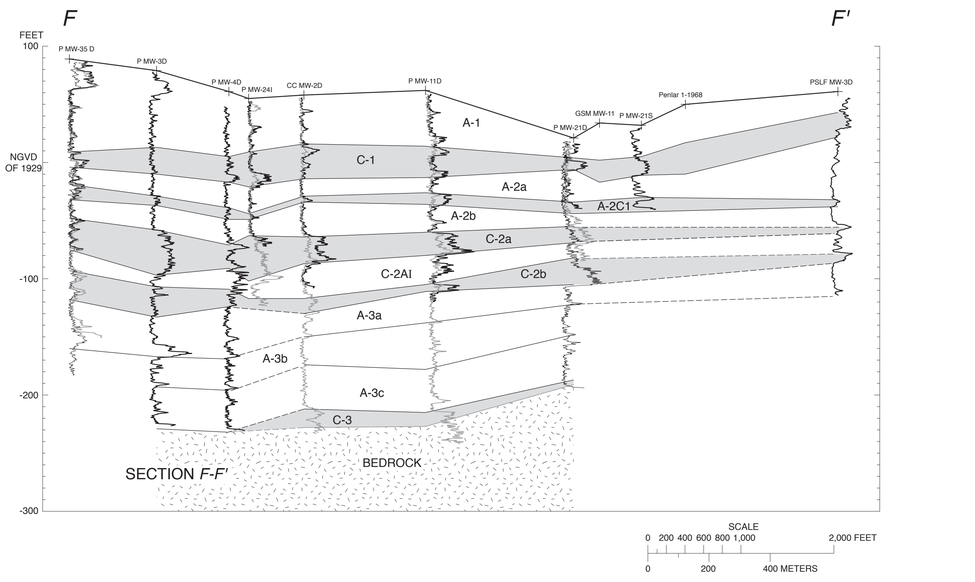
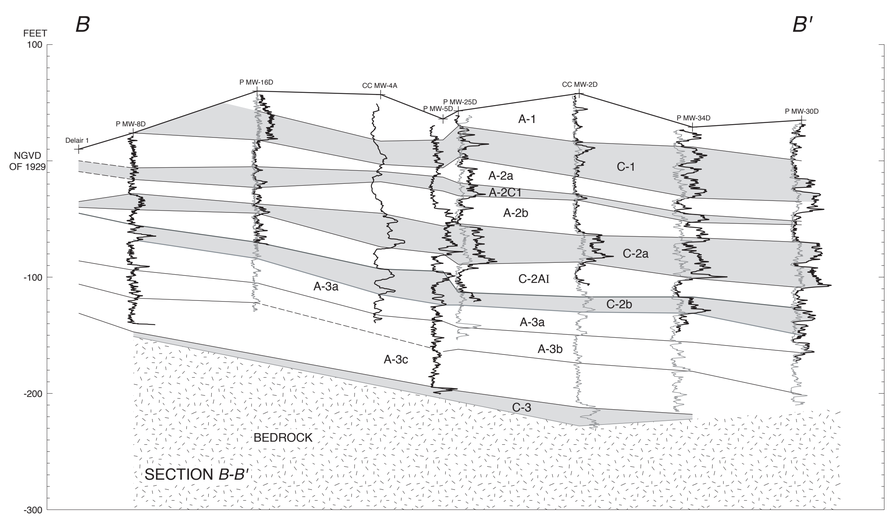
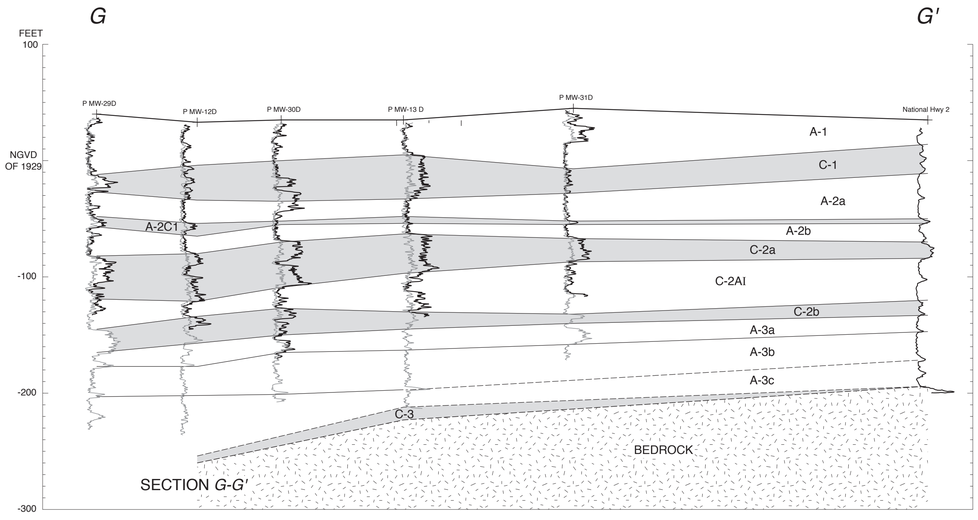
New Jersey Department of Environmental Protection

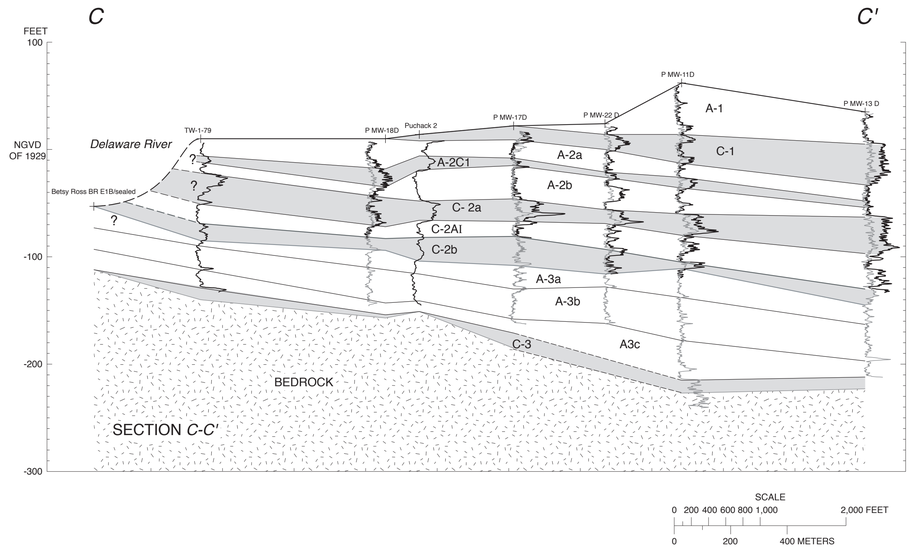
SCIENTIFIC INVESTIGATIONS REPORT 2009-5179
Hydrostratigraphic sections through Pennsauken Township and vicinity, Camden County, New Jersey—PLATE 2
Barringer, J.L., Walker, R.L., Jacobsen, E., and Jankowski, P., 2011, Hydrostratigraphy, Soil/Sediment Chemistry, and Water Quality, Potomac-Raritan-Magothy Aquifer System, Puchack Well Field Superfund Site and Vicinity, Pennsauken Township, Camden County, New Jersey, 1997–2001

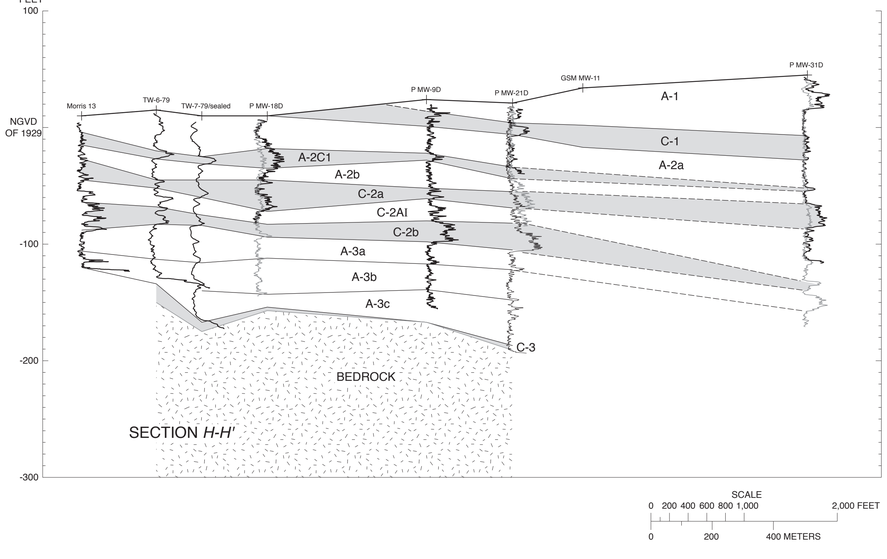


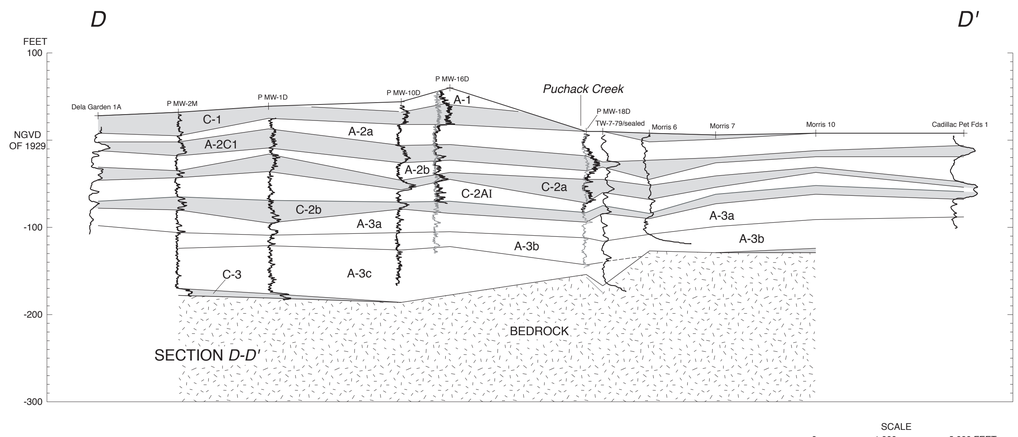


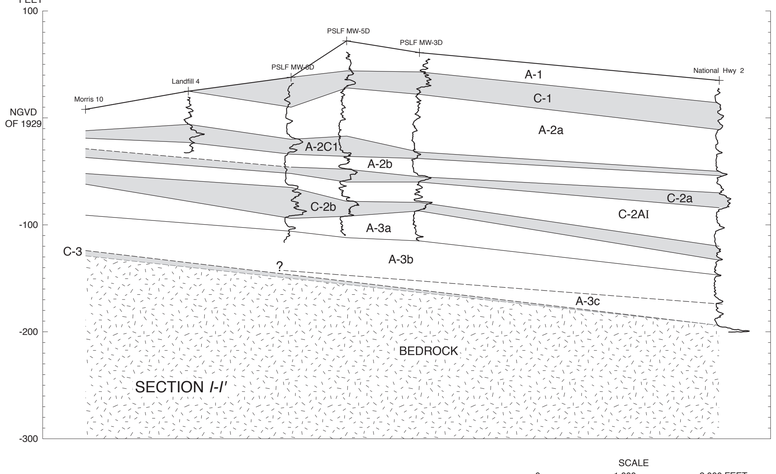












EXPLANATION

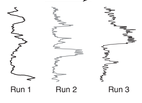
A — A′ Line of hydrostratigraphic section

070927 + Well and well number shown in hydrostratigraphic section

HYDROSTRATIGRAPHY OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM IN PENNSAUKEN TOWNSHIP AND VICINITY

Layer	Unit
A-1	Upper aquifer
C-1	Upper/Middle confining unit
A-2a	Middle aquifer, upper sand
A-2C1	Middle aquifer, interbedded confining unit
A-2b	Middle aquifer, lower sand
C-2a	Middle/Lower confining unit, upper confining unit
C-2AI	Middle/Lower confining unit, Intermediate Sand
C-2b	Middle/Lower confining unit, lower confining unit
A-3a	Lower aquifer, upper zone
A-3b	Lower aquifer, middle zone
A-3c	Lower aquifer, lower zone
C-3	Basal confining unit

GAMMA LOG
Increasing radiation



EXPLANATION

- Outcrop area of the Upper aquifer of the Potomac-Raritan-Magothy aquifer system
- Outcrop area of the Middle aquifer of the Potomac-Raritan-Magothy aquifer system
- Outcrop area of the Lower aquifer of the Potomac-Raritan-Magothy aquifer system

A — A′ LOCATION OF HYDROSTRATIGRAPHIC SECTION--Sections shown on plate 2

- Road
- Railroad
- Well 3-58 Location and name of well

Abbreviations for selected well names:

CC Camden City
M Morris
P Puchack
PSLF Pennsauken Landfill

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By
Julia L. Barringer, Richard L. Walker, Eric Jacobsen, and Pamela Jankowski

2011