

**EXPLANATION**

Lines dividing hydrogeologic units. Dividing lines are based on maps showing the altitude of the top of each hydrogeologic unit (pl. 1 - 5). Dashed lines represent approximations made on the basis of regional trends (Zapcica, 1989).

15-442 Well number  
G-133 Number of geophysical trace (Duran, 1986)  
Bottom of geologic log or geophysical log or bottom of strata interpreted by using geophysical methods.

**Hydrogeologic units**

**HPPM** Undifferentiated upper Cenozoic deposits. Only deposits that are differentiable from underlying deposits are shown; deposits less than 10 feet thick are not shown because of scale. Clays, silts, and fine sands (confining materials) are shown shaded; coarser sands and gravels (aquifer materials) are shown unshaded.

**MLRW** Wenonah-Mount Laurel aquifer.

**EGLS** Englishtown aquifer system.

**WBMV** Merchantville-Woodbury confining unit.

**MRPAU** Upper aquifer of the Potomac-Raritan-Magothy aquifer system.

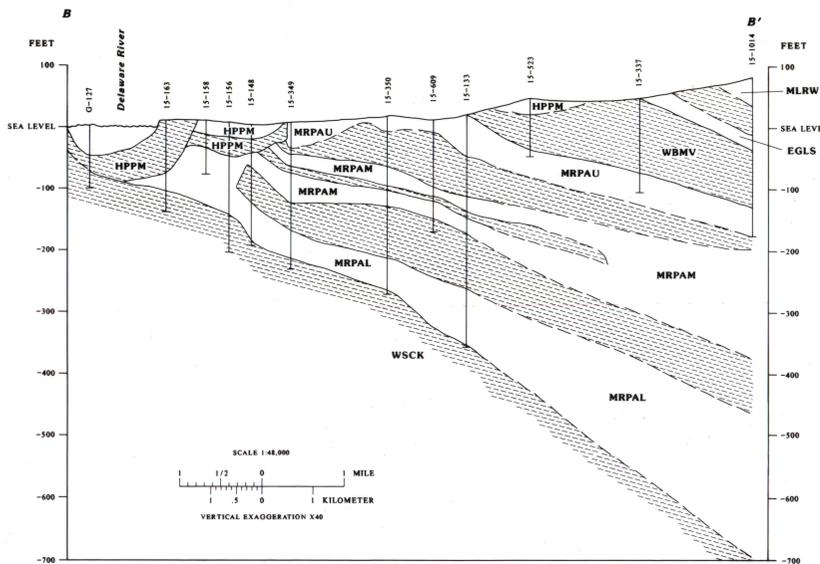
**MRPAM** Middle aquifer of the Potomac-Raritan-Magothy aquifer system.

**MRPAL** Lower aquifer of the Potomac-Raritan-Magothy aquifer system.

**WSCK** Bedrock confining unit.

Confining units between aquifers shown shaded.  
Location of section, wells, and geophysical traces shown on plate 1a.

6a. Hydrogeologic section A-A', Logan Township region, New Jersey.



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Lines dividing hydrogeologic units. Dividing lines are based on maps showing the altitude of the top of each hydrogeologic unit (pl. 1 - 5). Dashed lines represent approximations made on the basis of regional trends (Zapcica, 1989).

15-163 Well number  
G-137 Number of geophysical trace (Duran, 1986)  
Bottom of geologic log or geophysical log or bottom of strata interpreted by using geophysical methods.

**Hydrogeologic units**

**HPPM** Undifferentiated upper Cenozoic deposits. Only deposits that are differentiable from underlying deposits are shown; deposits less than 10 feet thick are not shown because of scale. Clays, silts, and fine sands (confining materials) are shown shaded; coarser sands and gravels (aquifer materials) are shown unshaded.

**MLRW** Wenonah-Mount Laurel aquifer.

**EGLS** Englishtown aquifer system.

**WBMV** Merchantville-Woodbury confining unit.

**MRPAU** Upper aquifer of the Potomac-Raritan-Magothy aquifer system.

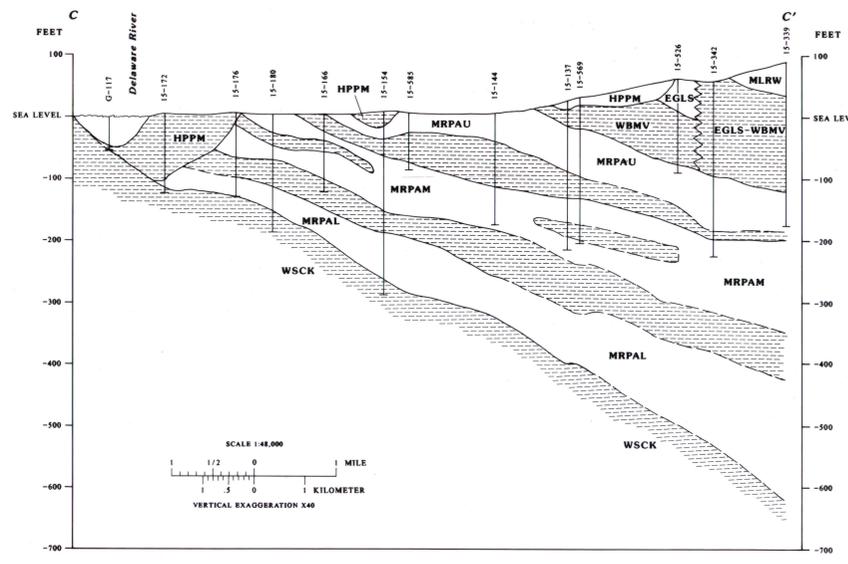
**MRPAM** Middle aquifer of the Potomac-Raritan-Magothy aquifer system.

**MRPAL** Lower aquifer of the Potomac-Raritan-Magothy aquifer system.

**WSCK** Bedrock confining unit.

Confining units between aquifers shown shaded.  
Location of section, wells, and geophysical traces shown on plate 1a.

6b. Hydrogeologic section B-B', Logan Township region, New Jersey.



**EXPLANATION**

Lines dividing hydrogeologic units. Dividing lines are based on maps showing the altitude of the top of each hydrogeologic unit (pl. 1 - 5). Dashed lines represent approximations made on the basis of regional trends (Zapcica, 1989).

Line dividing the areas where the Englishtown aquifer system is and is not differentiated from the confining units above and below it.

15-385 Well number  
G-117 Number of geophysical trace (Duran, 1986)  
Bottom of geologic log or geophysical log or bottom of strata interpreted by using geophysical methods.

**Hydrogeologic units**

**HPPM** Undifferentiated upper Cenozoic deposits. Only deposits that are differentiable from underlying deposits are shown; deposits less than 10 feet thick are not shown because of scale. Clays, silts, and fine sands (confining materials) are shown shaded; coarser sands and gravels (aquifer materials) are shown unshaded.

**MLRW** Wenonah-Mount Laurel aquifer.

**EGLS** Englishtown aquifer system.

**WBMV** Merchantville-Woodbury confining unit.

**EGLS-WBMV** Undifferentiated deposits of the Marshalltown-Wenonah confining unit, Englishtown aquifer system, and Merchantville-Woodbury confining unit.

**MRPAU** Upper aquifer of the Potomac-Raritan-Magothy aquifer system.

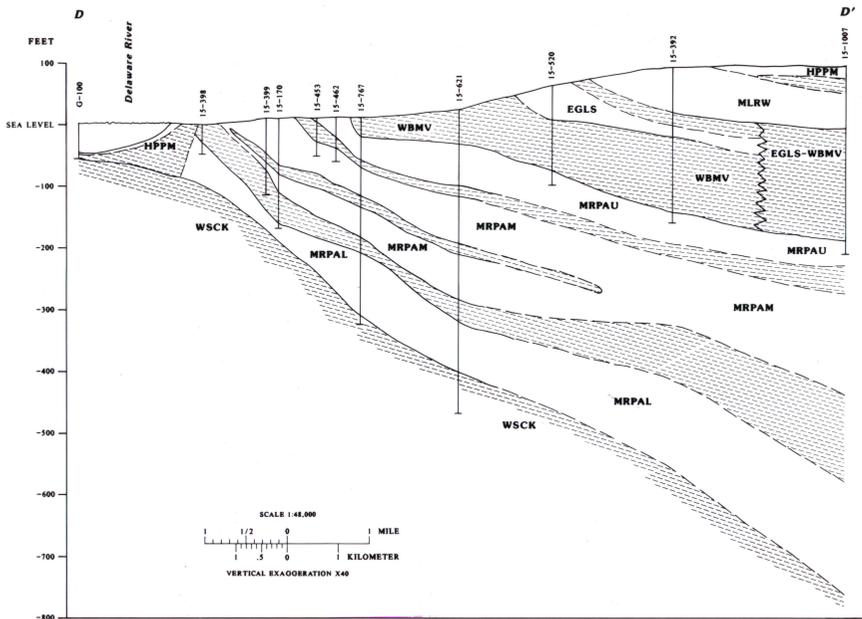
**MRPAM** Middle aquifer of the Potomac-Raritan-Magothy aquifer system.

**MRPAL** Lower aquifer of the Potomac-Raritan-Magothy aquifer system.

**WSCK** Bedrock confining unit.

Confining units between aquifers shown shaded.  
Location of section, wells, and geophysical traces shown on plate 1a.

6c. Hydrogeologic section C-C', Logan Township region, New Jersey.



**EXPLANATION**

Lines dividing hydrogeologic units. Dividing lines are based on maps showing the altitude of the top of each hydrogeologic unit (pl. 1 - 5). Dashed lines represent approximations made on the basis of regional trends (Zapcica, 1989).

Line dividing the areas where the Englishtown aquifer system is and is not differentiated from the confining units above and below it.

15-398 Well number  
G-100 Number of geophysical trace (Duran, 1986)  
Bottom of geologic log or geophysical log or bottom of strata interpreted by using geophysical methods.

**Hydrogeologic units**

**HPPM** Undifferentiated upper Cenozoic deposits. Only deposits that are differentiable from underlying deposits are shown; deposits less than 10 feet thick are not shown because of scale. Clays, silts, and fine sands (confining materials) are shown shaded; coarser sands and gravels (aquifer materials) are shown unshaded.

**MLRW** Wenonah-Mount Laurel aquifer.

**EGLS** Englishtown aquifer system.

**WBMV** Merchantville-Woodbury confining unit.

**EGLS-WBMV** Undifferentiated deposits of the Marshalltown-Wenonah confining unit, Englishtown aquifer system, and Merchantville-Woodbury confining unit.

**MRPAU** Upper aquifer of the Potomac-Raritan-Magothy aquifer system.

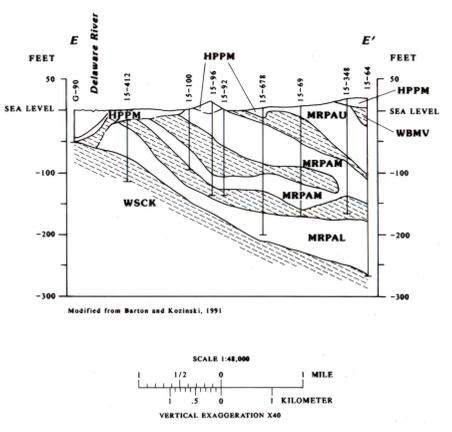
**MRPAM** Middle aquifer of the Potomac-Raritan-Magothy aquifer system.

**MRPAL** Lower aquifer of the Potomac-Raritan-Magothy aquifer system.

**WSCK** Bedrock confining unit.

Confining units between aquifers shown shaded.  
Location of section, wells, and geophysical traces shown on plate 1a.

6d. Hydrogeologic section D-D', Logan Township region, New Jersey.



**EXPLANATION**

Lines dividing hydrogeologic units. Dividing lines are based on maps showing the altitude of the top of each hydrogeologic unit (pl. 1 - 5). Dashed lines represent approximations made on the basis of data from nearby wells.

15-412 Well number  
G-90 Number of geophysical trace (Duran, 1986)  
Bottom of geologic log or geophysical log or bottom of strata interpreted by using geophysical methods.

**Hydrogeologic units**

**HPPM** Undifferentiated upper Cenozoic deposits. Only deposits that are differentiable from underlying deposits are shown; deposits less than 10 feet thick are not shown because of scale. Clays, silts, and fine sands (confining materials) are shown shaded; coarser sands and gravels (aquifer materials) are shown unshaded.

**WBMV** Merchantville-Woodbury confining unit.

**MRPAU** Upper aquifer of the Potomac-Raritan-Magothy aquifer system.

**MRPAM** Middle aquifer of the Potomac-Raritan-Magothy aquifer system.

**MRPAL** Lower aquifer of the Potomac-Raritan-Magothy aquifer system.

**WSCK** Bedrock confining unit.

Confining units between aquifers shown shaded.  
Location of section, wells, and geophysical traces shown on plate 1a.

6e. Hydrogeologic section E-E', Logan Township region, New Jersey.