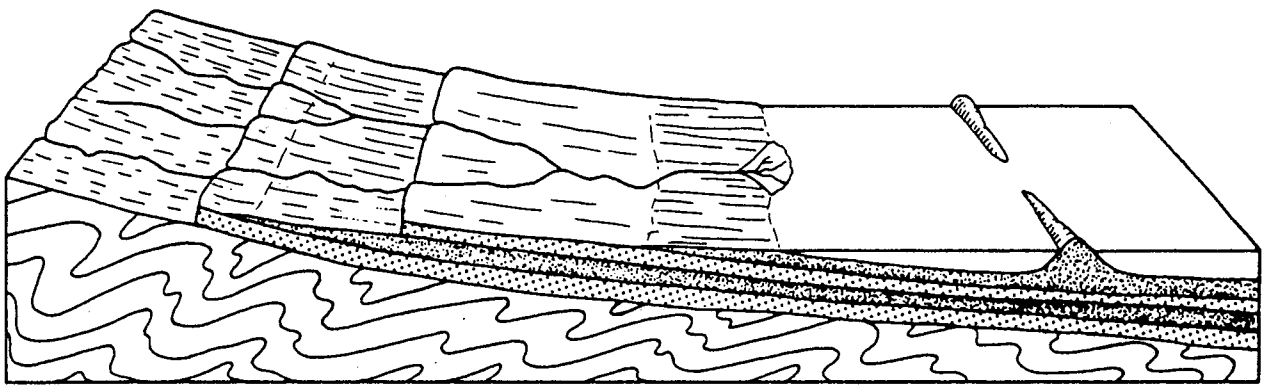
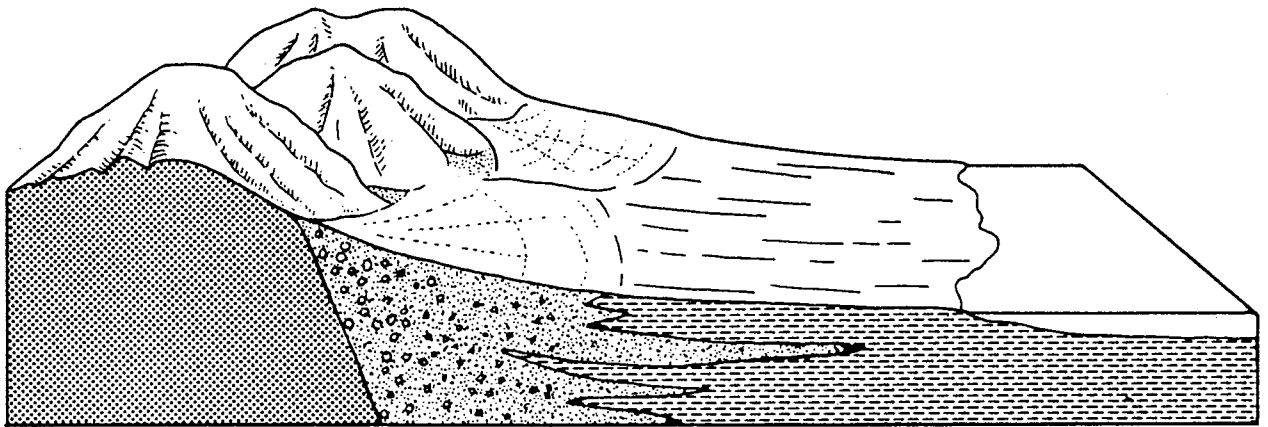


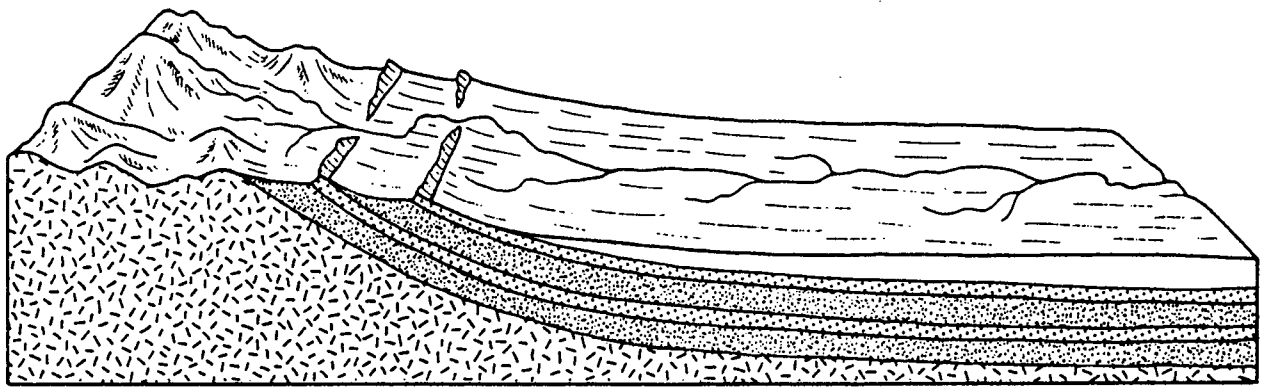
**Figure 2.7** Schematic cross section of unconfined and confined aquifers. Black areas indicate screened zones. Source: Bedient and Huber, 1992.



(a)

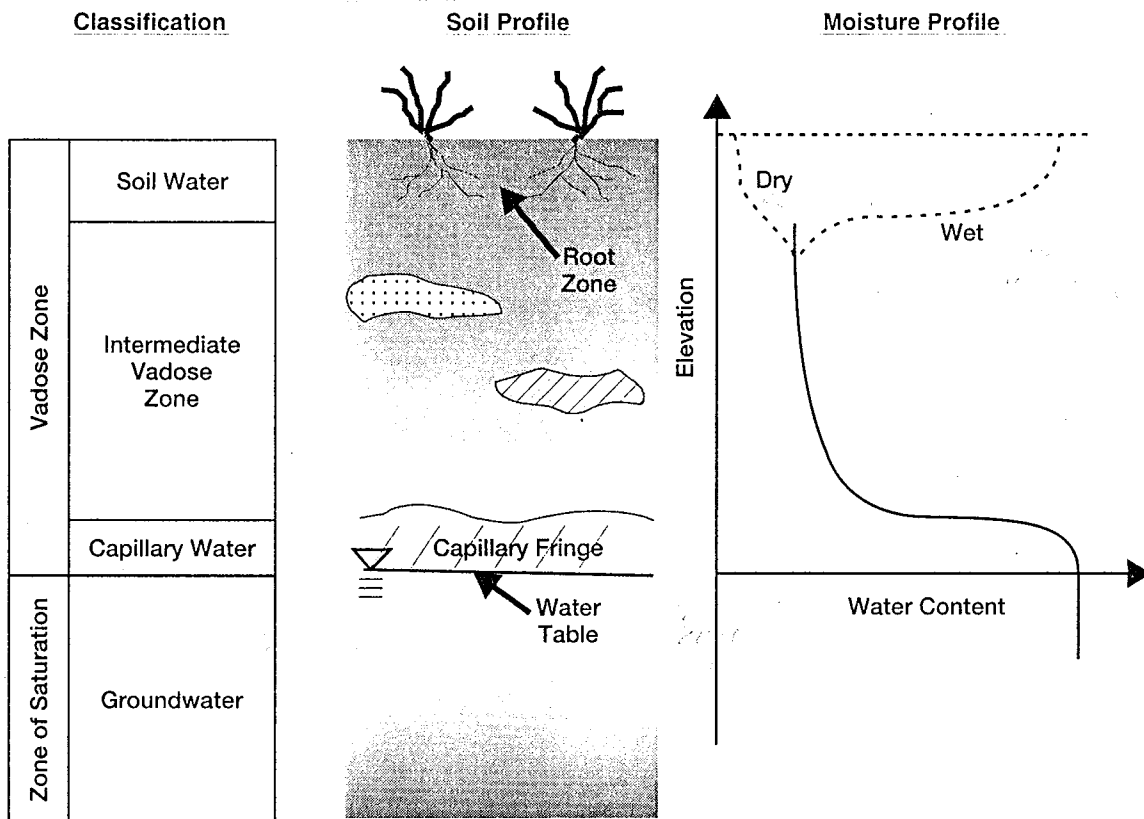


(b)



(c)

**Figure 2.3** Confined aquifers created when aquifers are overlain by confining beds. (a) Confined aquifers created by alternating aquifers and confining units deposited on a regional dip. (b) Confined aquifers created by deposition of alternating layers of permeable sand and gravel and impermeable silts and clays deposited in intermontane basins. (c) Confined aquifer created by upwarping of beds by intrusions. Source: C. W. Fetter, *Applied Hydrology*, 2/E. Reprinted with the permission of Macmillan College Publishing © 1988.



**FIGURE 1.2.1** Vertical distribution of water content and classification system