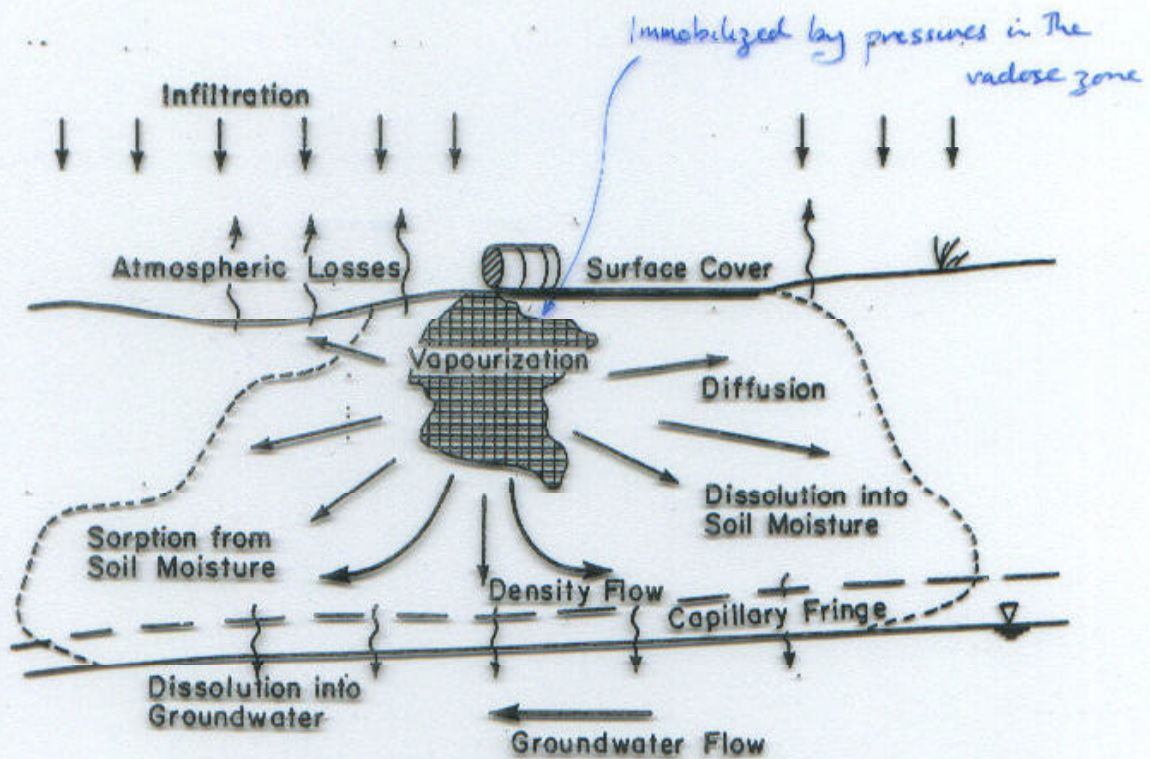


7 PHYSICAL BEHAVIOR OF CONTAMINANT VAPORS
IN THE UNSATURATED ZONE

Conceptual Model



**Basic transport processes and fate of
contaminants**

VOLATILIZATION = Escape to atmosphere of VOCs
= Transport depends on partitioning

PARTITIONING

a) Between VOC dissolved in water and air

Henry's Law

b) Between free phase NAPE(VOC) and air

Raoult's Law