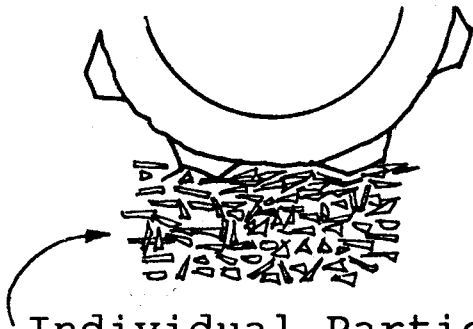


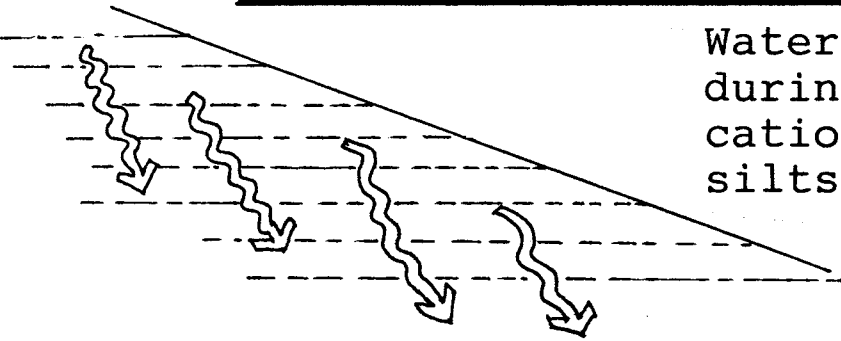
# DURING COMPACTION



Pressures of up to 230 psi can be exerted by vibratory sheep's foot compactors. Disaggregated bedrock particles are sufficiently strong to easily support heavy equipment.

Individual Particles engender a high specific surface area.

# FOLLOWING CONSTRUCTION



Water percolates thru the embankment during winter months and exchanges cations with the disaggregated siltstone/claystone particles.

# 10-25 YEARS LATER

DISAGGREGATED  
SILTSTONE



CLAYEY  
MUSH



high water retention

high water content

low strength