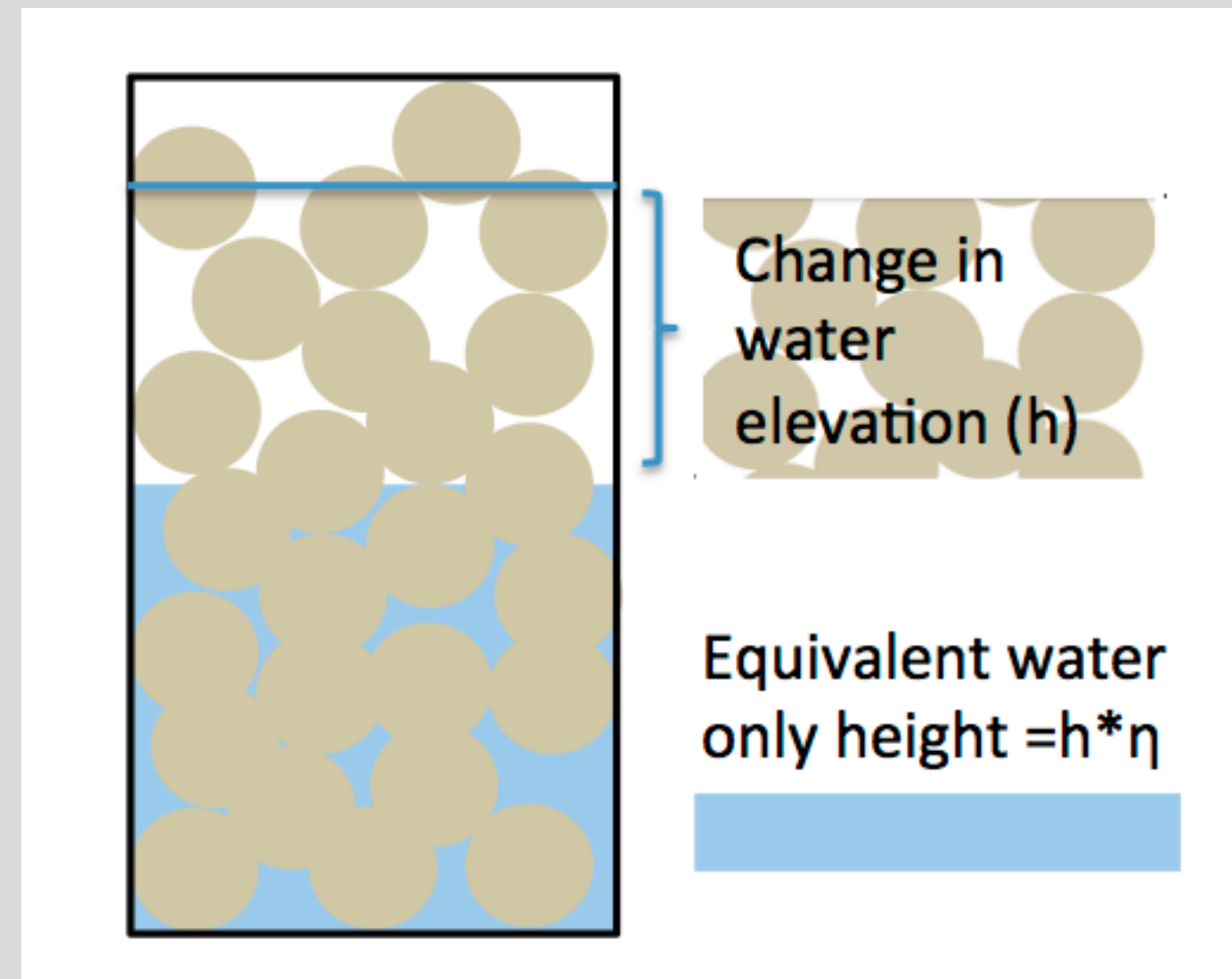


Groundwater Cycle

V2.7: Specific Yield and Retention



2.7 Specific Yield and Retention



2.7 Specific Yield and Retention

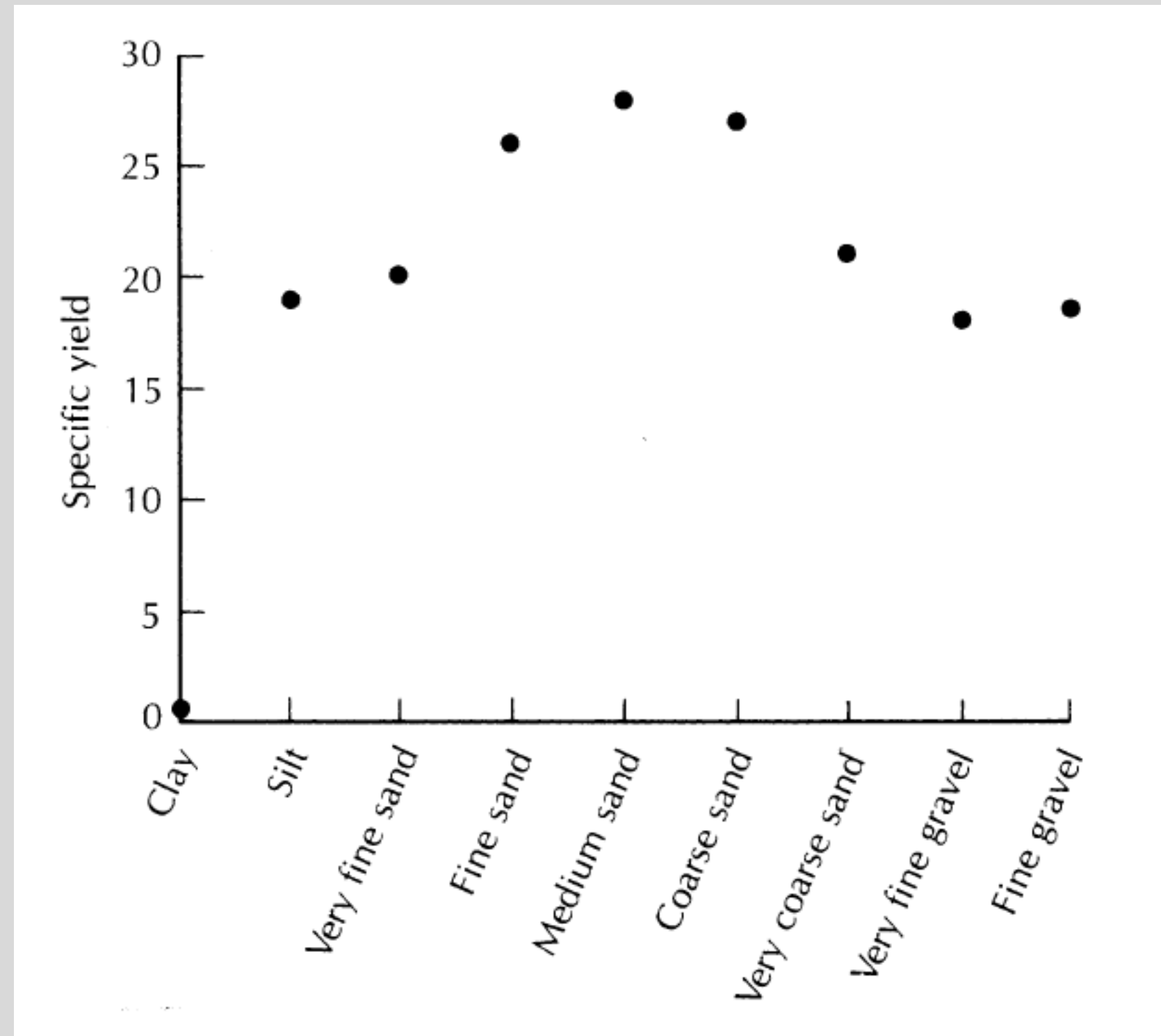
The Specific yield (S_y) is the ratio of the volume of water that drains from a saturated sample because of gravity to the total volume of the rock.

The corollary is that S_r is the water left behind, attached to the matrix as a film around the grains and retained by surface tension.

$$\eta = S_y + S_r$$



2.7 Specific Yield and Retention



2.7 Specific Yield and Retention



Groundwater Cycle

Specific Yield and Retention

