

Water permeability

Formation permeability to water percolation:

(1)
$$k_w = k_a \cdot k_{rw}$$

where

k_a	absolute permeability
k_{rw}	water relative permeability

See also

[Physics](#) / [Fluid Dynamics](#) / [Percolation](#)

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Field Study & Modelling](#)

[[Petrophysics](#)] [[Basic reservoir properties](#)] [[Wettability](#)] [[Permeability](#)] [[Absolute permeability](#)] [[Relative permeability](#)] [[Water relative permeability](#)]