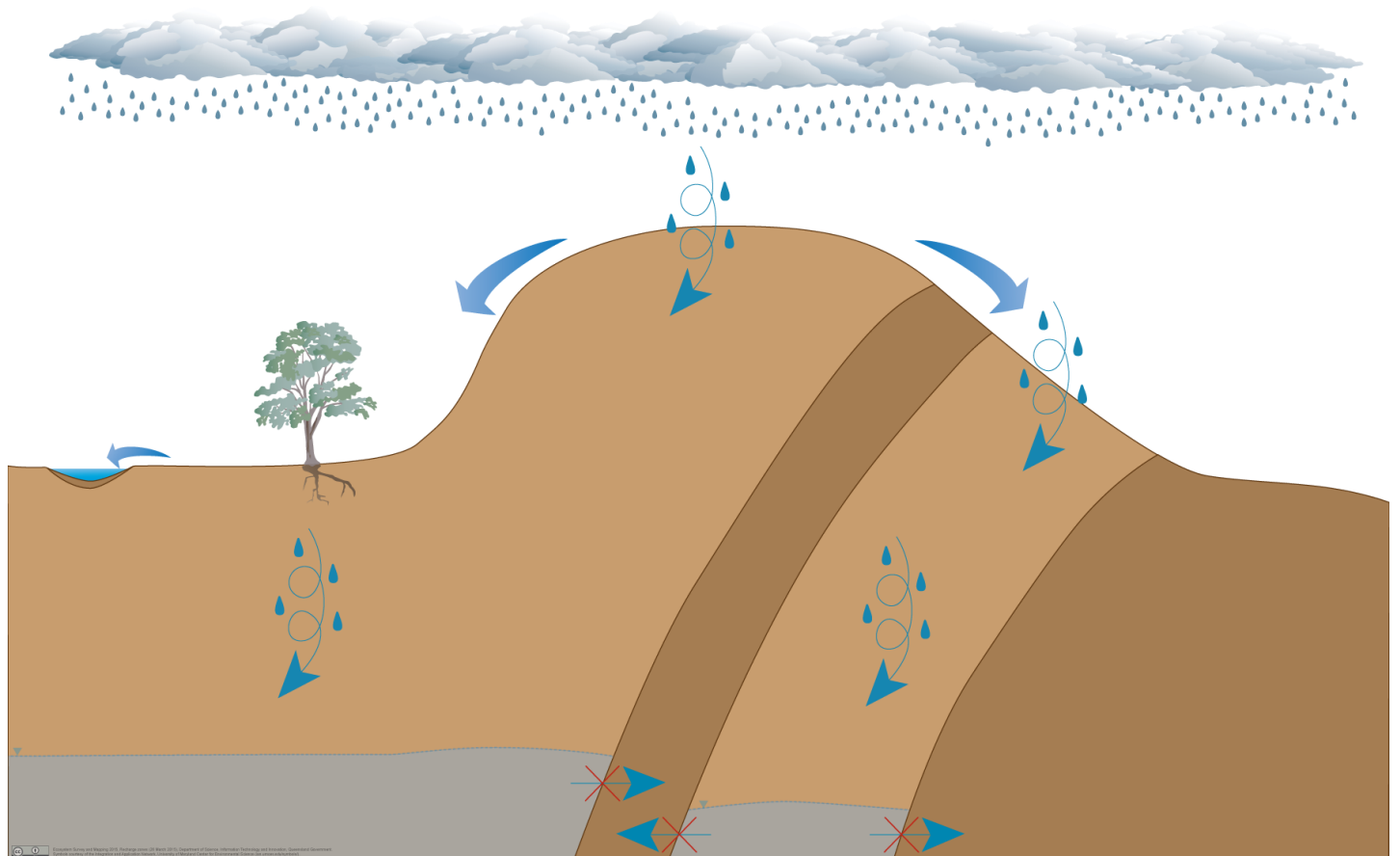


Pictorial conceptual model 'recharge zones'

Version 1.5

Recharge zones

When water infiltrates a permeable land surface it percolates downwards through the unsaturated zone of permeable rock and/or sediment until it reaches the saturated zone, the top of which is called the groundwater table. Recharge zones refer to those areas where water infiltrates through the permeable rock and sediment but the saturated zone is at a depth where surface ecosystems (e.g. palustrine, lacustrine and riverine wetlands, riverine water bodies and terrestrial vegetation) are unable to access the groundwater. However, subterranean ecosystems (e.g. aquifer and cave ecosystems) underlying recharge areas may be groundwater dependent.



Geology legend

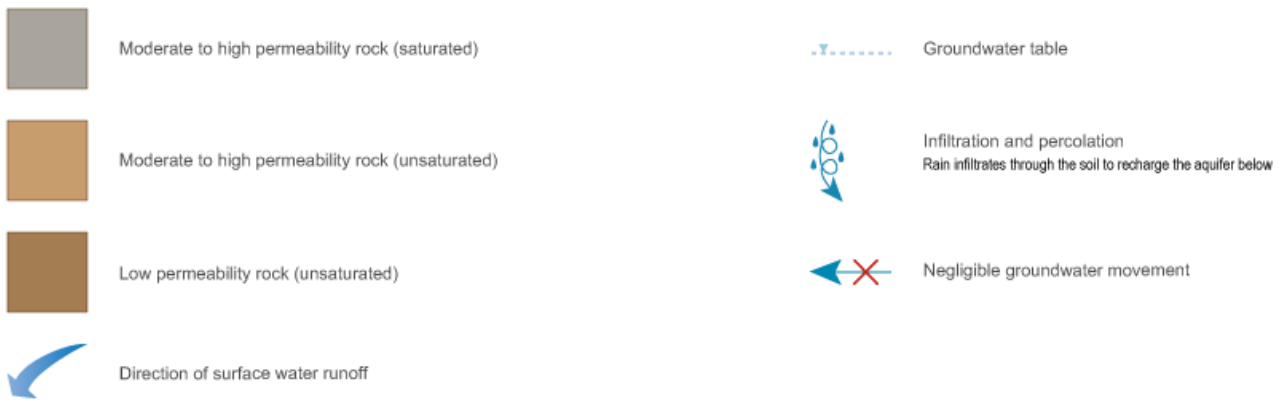


Moderate to high permeability rock
Stores and transmits groundwater through the void spaces in the rock



Low permeability rock

Groundwater hydrology legend



Flora legend



Citation

Queensland Government (2017) *Pictorial conceptual model 'recharge zones': version 1.5*, Queensland Government, Brisbane.