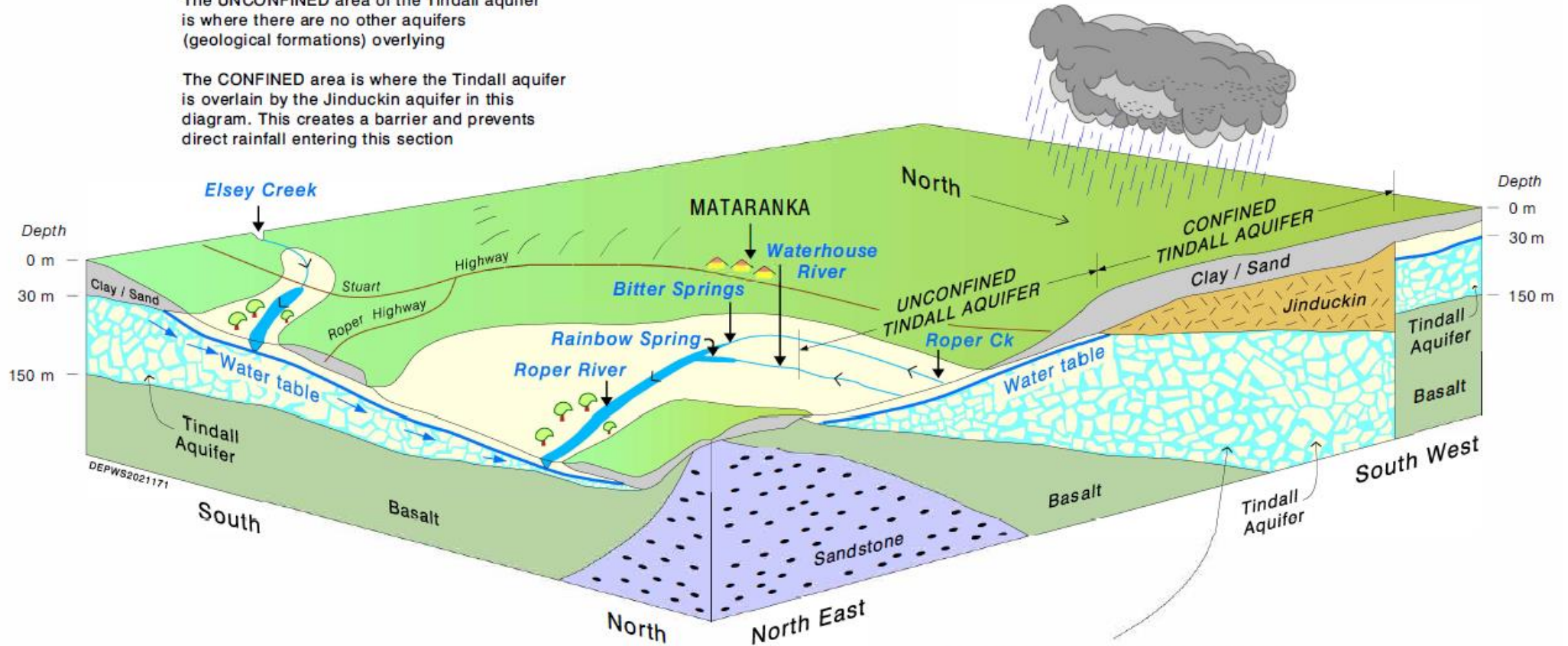


## TINDALL LIMESTONE AQUIFER MATARANKA

The UNCONFINED area of the Tindall aquifer is where there are no other aquifers (geological formations) overlying

The CONFINED area is where the Tindall aquifer is overlain by the Jinduckin aquifer in this diagram. This creates a barrier and prevents direct rainfall entering this section



The Tindall aquifer is a limestone karstic feature with large variable underground caverns filled with freshwater

RECHARGE occurs from rainfall falling on the unconfined section of the aquifer and directly through sinkholes

DISCHARGE from the aquifer occurs via riverbed seepages and springs along the Roper River, Elsey Creek and Waterhouse River

Note: Map not to scale