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 North Depth Elsey Creek CONFINED TINDALL AQUIFER MATARANKA 0 m Depth 30 m Waterhouse Clay / Sand 0 m UNCONFINED TINDALL AQUIFER River Stuart **Bitter Springs** 30 m 150 m Jinduckin Highway Tindall Rainbow Spring Aquifer Roper Ck Water table Water table Roper River 150 m Basalt Tindall South West Aquifer DEPWS2021171 Basalt Tindall -South Basalt Aquifor North East North RECHARGE occurs from rainfall falling on the unconfined section of the aquifer and directly through sinkholes The Tindall aquifer is a limestone karstic feature with large variable DISCHARGE from the aquifer occurs via riverbed seepages and underground caverns filled with freshwater springs along the Roper River, Elsey Creek and Waterhouse River

Note: Map not to scale

