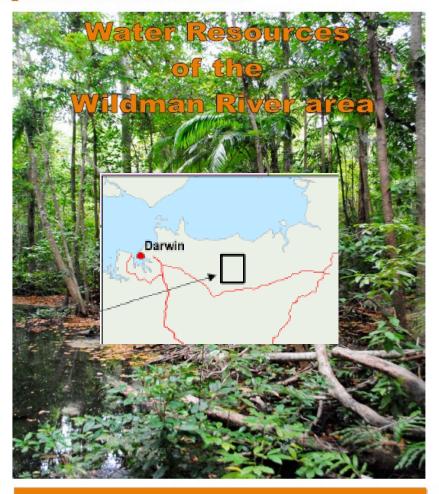
## Wildman River Area, NT

- Northern Australia Water Resources Assessment
  - How much groundwater can be extracted for irrigated agriculture without compromising baseflow to springs and rivers, existing bores and groundwater dependent ecosystems?
- Potential casestudy
  - Reduce predictive uncertainty of groundwater models by combining geophysics and environmental tracers (PhD Trine Enemark)
  - Probabilistic groundwater resource assessment (DEI FSP)

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ENVIRONMENT AND NATURAL RESOURCES



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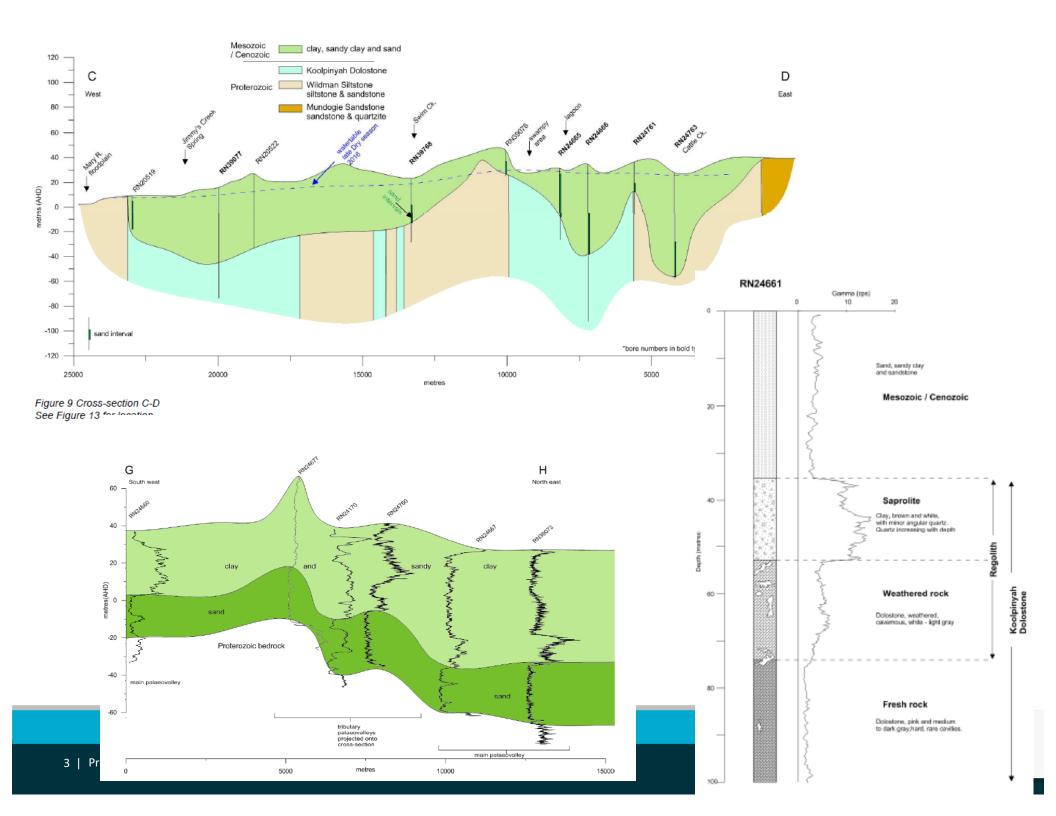
www.nt.gov.au/environment

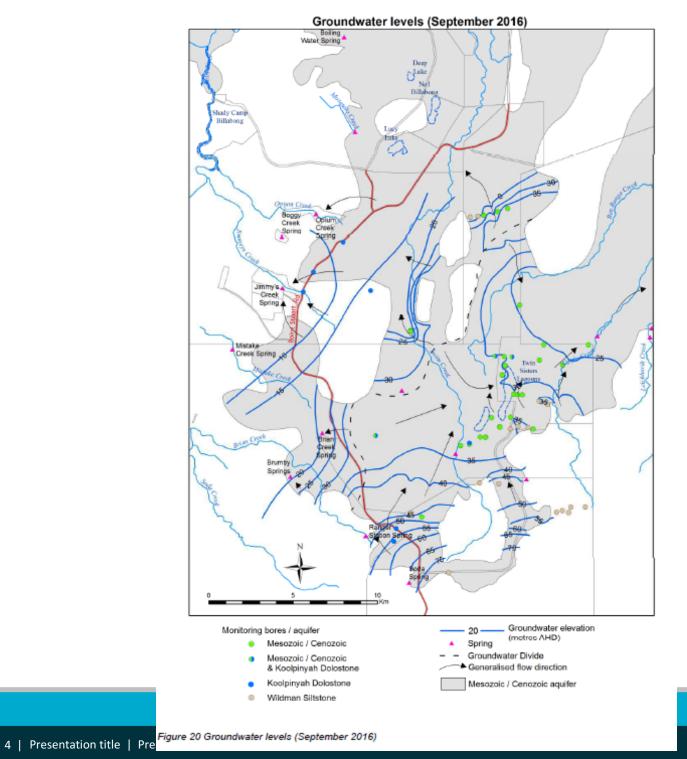




## **Boreholes and Gauging Stations** Springs and Spring Fed Rainforests G8190072 G8190072 Lake G8180065 G8180071 Brian Creek Spring Ranger Station Spring Boreholes Rainforest (Russell-Smith, 1991) Spring 2016 Investigation GaugingStations Riparian rainforest · R Field site Stage 2 Investigation A --- B Cross-section Stage 1 Investigation Rainforest associated with springs Stream catchment boundary Mary River Investigation ▲ GaugingStation

Private water bores
 Mineral Exploration







## **Woolner granite – Rum Jungle TEMPEST AEM**

