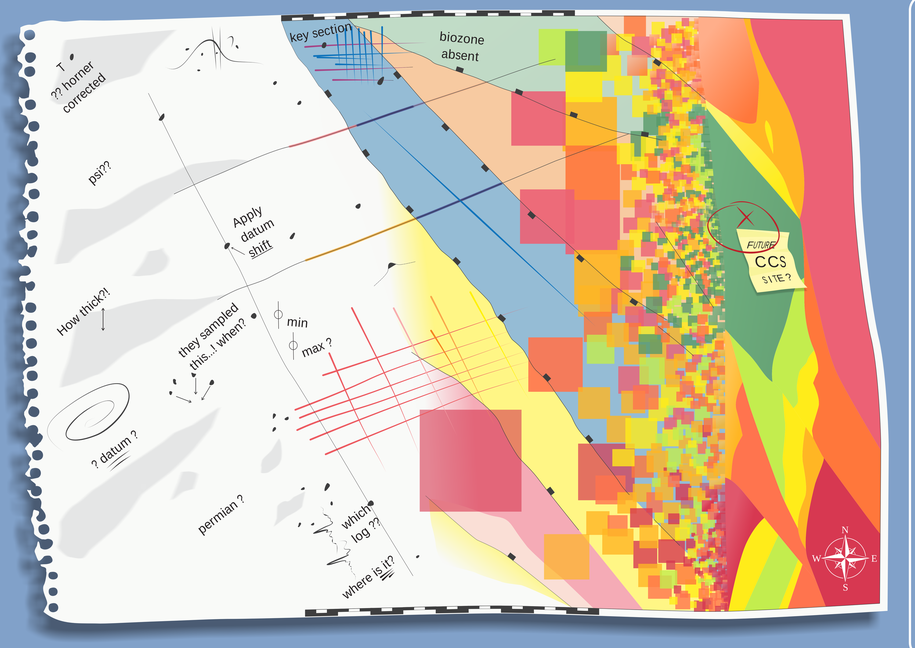
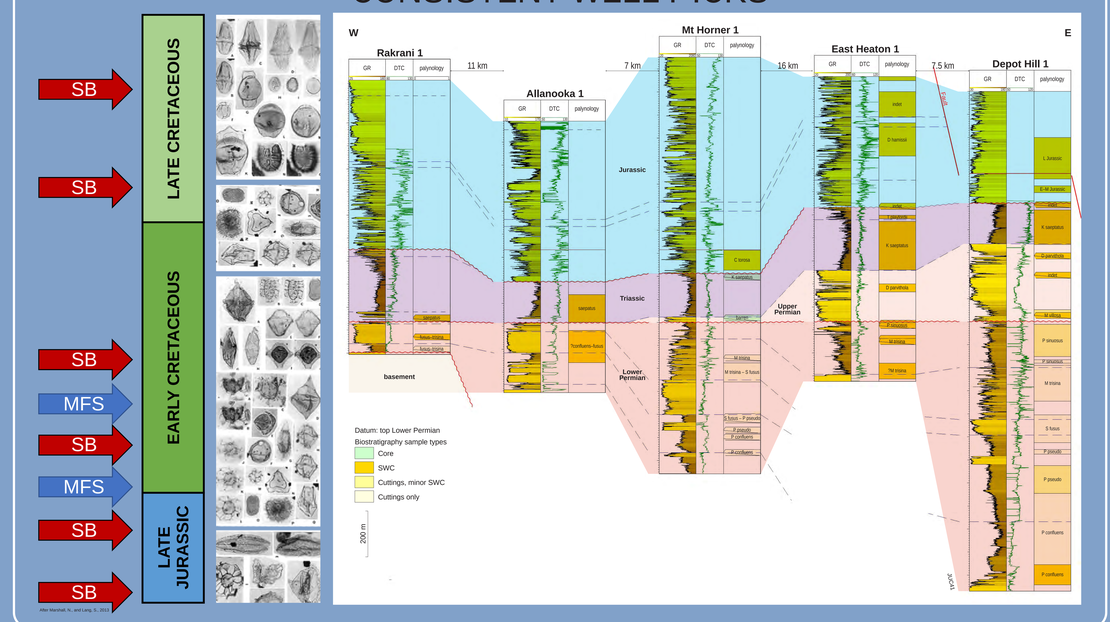
Government of **Western Australia**
Department of **Mines, Industry Regulation and Safety**

CO_2 STORAGE ATLAS

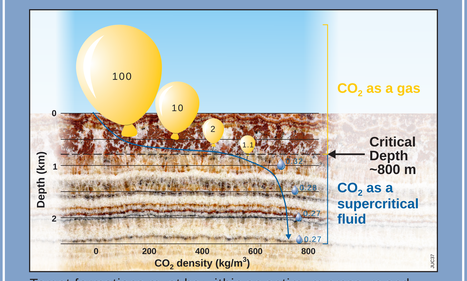
Geological Survey of Western Australia



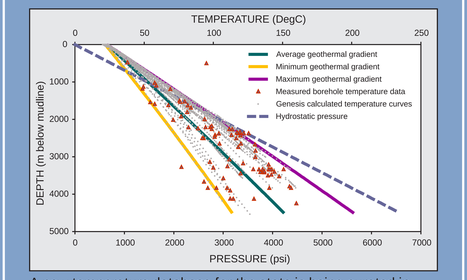
CONSISTENT WELL PICKS



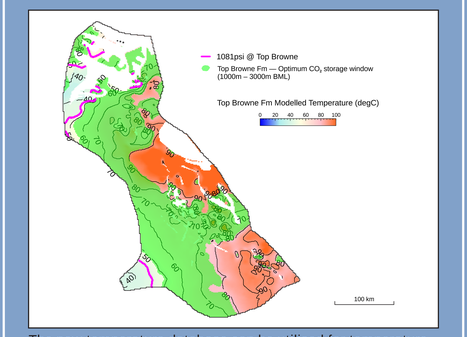
TEMPERATURE



Target formations must be within an optimum pressure and temperature window that will allow CO_2 to be stored as a supercritical fluid

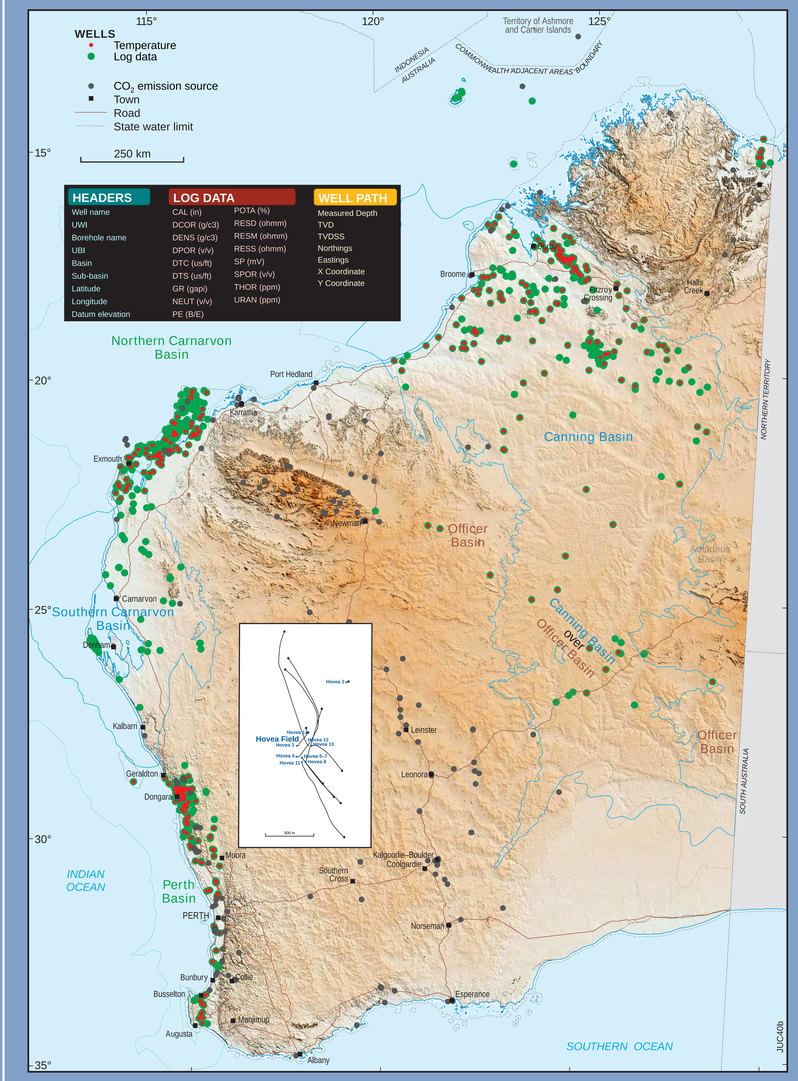


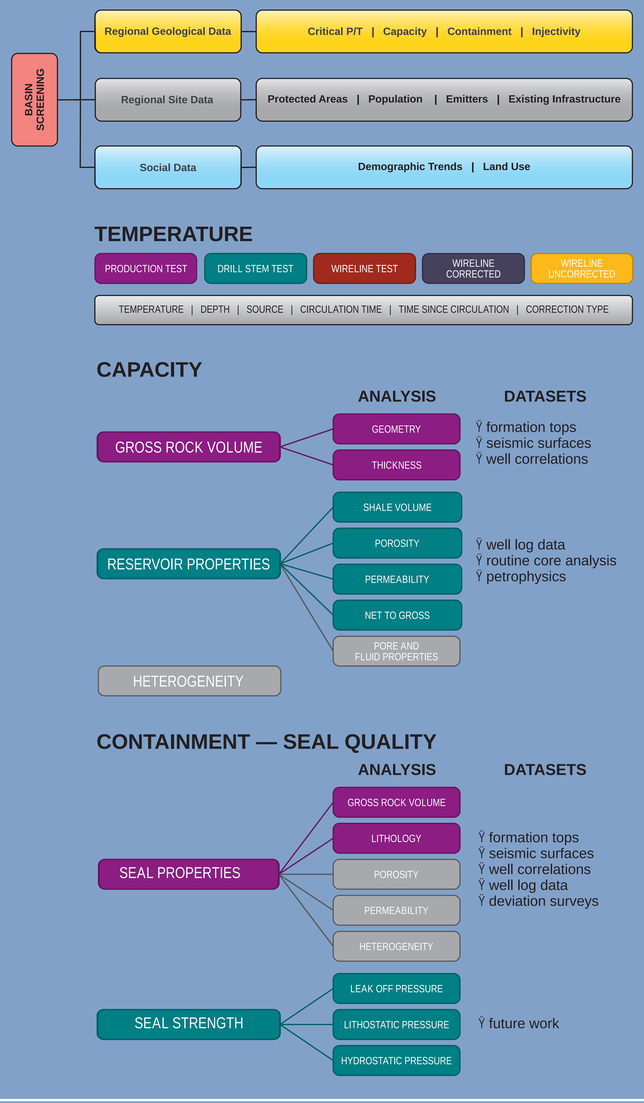
A new temperature database for the state is being curated in WAPIMS



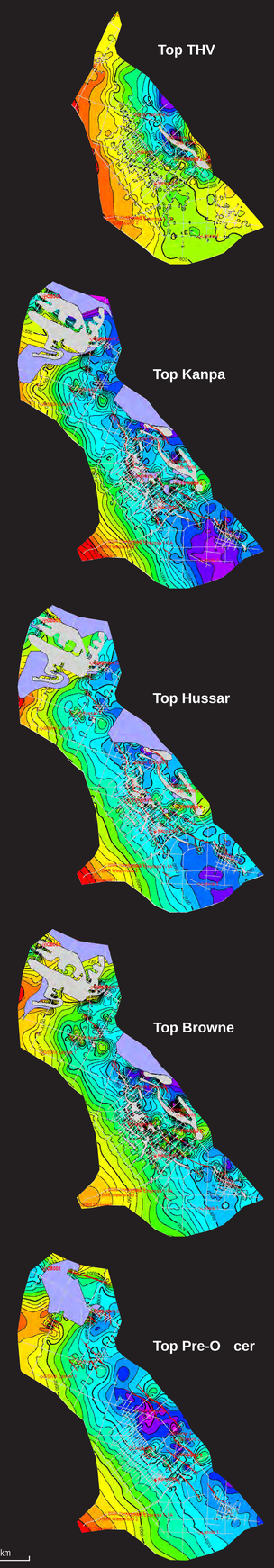
The new temperature database can be utilised for temperature modelling, to help identify the best CO_2 sequestration target locations

RESERVOIR AND SEAL ASSESSMENT





NEW DEPTH STRUCTURE MAPS — EXAMPLE FROM OFFICER BASIN



Acknowledgement of Country
We respectfully acknowledge Aboriginal peoples as the Traditional Custodians of this land on which we deliver our services to the communities throughout Western Australia. We acknowledge their enduring connection to the lands, waterways and communities and pay our respects to Elders past and present.

GSWAOD NOVEMBER 2023