

# Gunnedah Basin Geological Overview

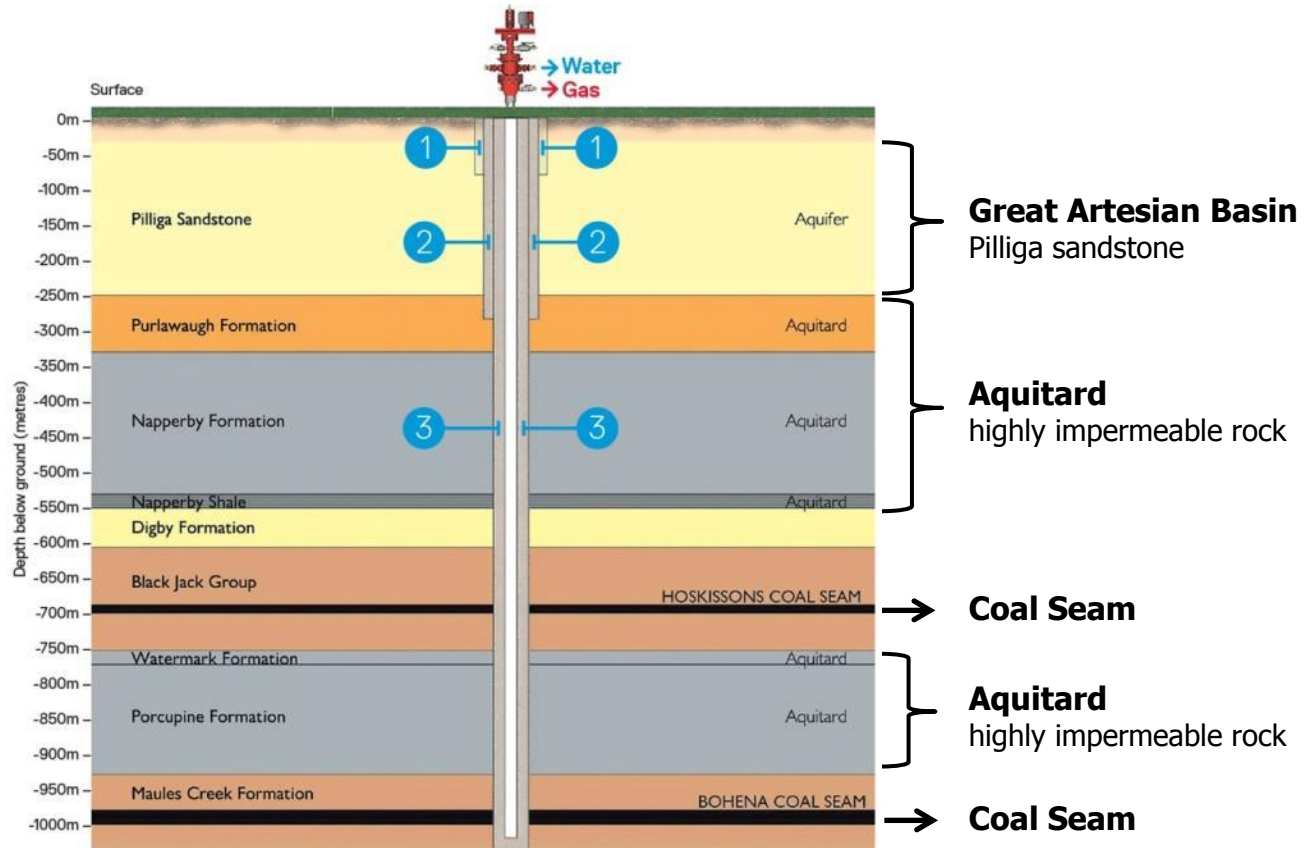
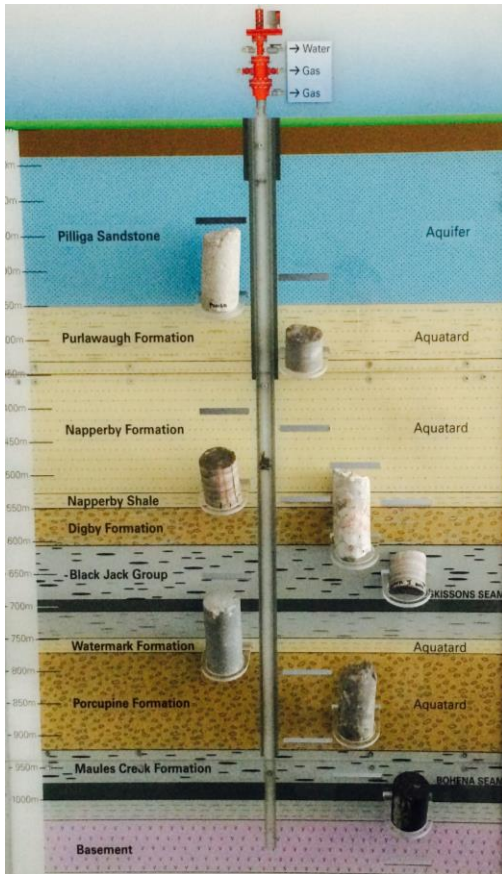
Glenn Toogood, Hydrogeologist

10 February 2015

**Santos**  
We have the energy.



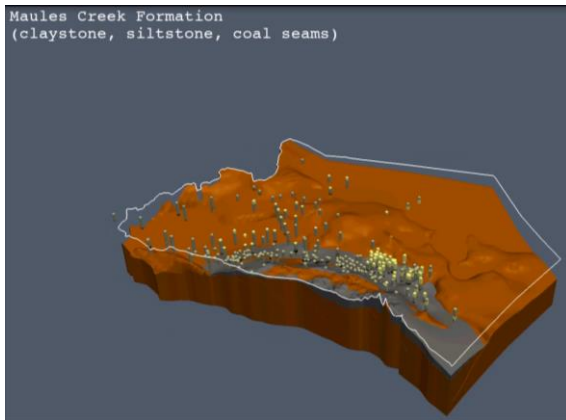
# Geological/ Hydrogeological cross section



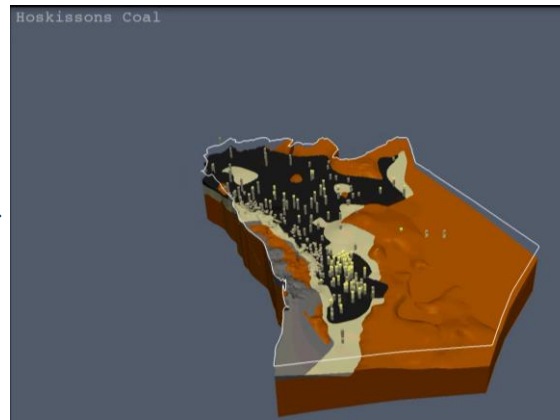
- 1 Steel conductor inserted and cemented into place
- 2 Surface casing inserted and cemented into place
- 3 Production casing inserted and cemented into place

## Geological evolution of Gunnedah Basin

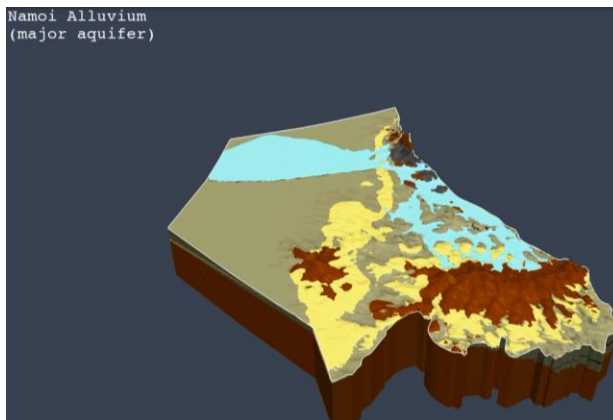
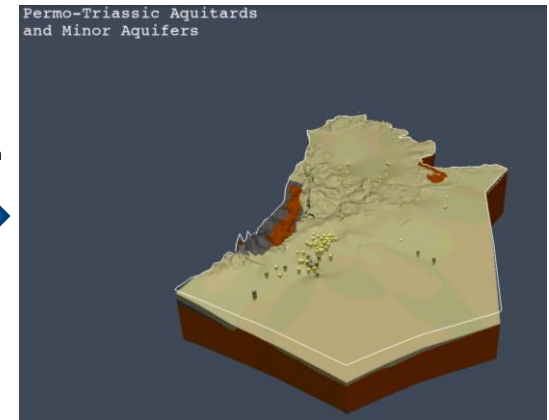
How the major groundwater systems evolved over the past 300 Million years



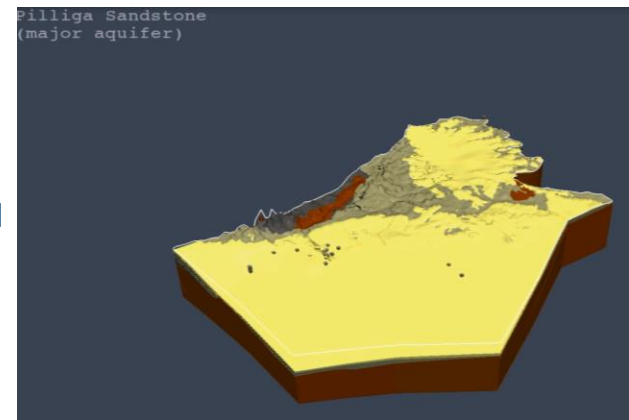
~250  
Million  
years



~200  
Million  
years



~10  
Million  
years



~150  
Million  
years