**A 3D Subsurface Groundwater Atlas for CSG Fields**

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**OBJECTIVE**

To produce a unified Web Portal to groundwater data, geological stratigraphy and geochemical analyses plus time series and analysis tools and visualisation interfaces to facilitate regional and local scale interpretation.

**Tools and filters**

- Customisable automated QA/QC procedure
- Filter by formation
- Options for bore visibility, e.g. only bores with water analysis records
- View data for multiple bores at once
- Favourites
- Search window

**Data analysis and visualisation**

- Cross-sections
- Time series of water constituents and levels
- Animations over time
- Piper, Stiff and pie charts
- Compare casing, stratigraphy and geological model
- Map Overlays e.g. Cadastral and Petroleum and gas lease boundaries

**Differential User Access**

- Project team version – access to all data
- Company version(s) – access to public and own company data
- Public version – access to public data and selected tools

**System Architecture**

**PHASE 3 – maintenance**

- Periodic Data & geological Model updates
- Upgrade to new version of Cesium
- Updates to User Interface based on user feedback

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