

# Appendix V

## Modelled Groundwater Hydrographs for Proposed Spring Monitoring Points



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### **Modelled Groundwater Hydrographs for Proposed Spring Monitoring Points**

This appendix presents the modelled groundwater hydrographs developed by Geoscience Australia (1) at three QGC proposed spring Early Warning Monitoring Installations and the Trigger Monitoring Points. The hydrographs show modelled drawdown response with time at monitoring points in the primary source aquifers (Hutton and Precipice Sandstones) and at upgradient springs.

Solid lines in the figures represent the median and 95th percentile QWC modelled drawdown for the monitoring location, whilst the dashed lines represent the median and 95th percentile QWC modelled drawdown for the nominated EPBC springs.

**Boggomoss/Dawson River 2/Dawson River 6/Prices**

**CAS (Early Warning)**

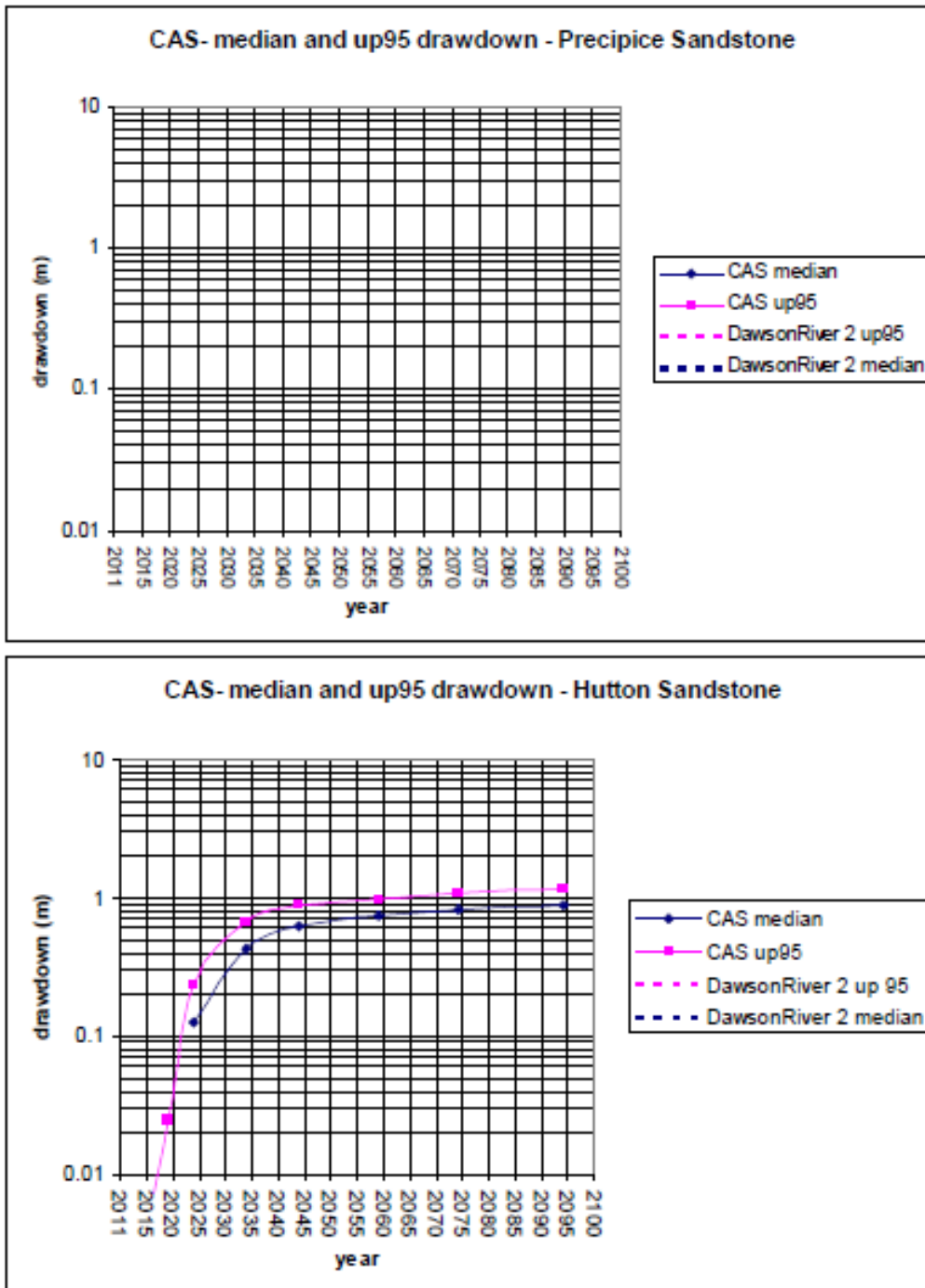


Figure V1. Cassio GW001 and GW002 monitoring bores

1 Guidance for the Combined Proponent Approach to monitoring Potential Groundwater impacts From Coal Seam Gas Activities to EPBC springs in the Surat Basin. Draft Final Report – Appendix 3. November 2012

CHAR1583 (Trigger)

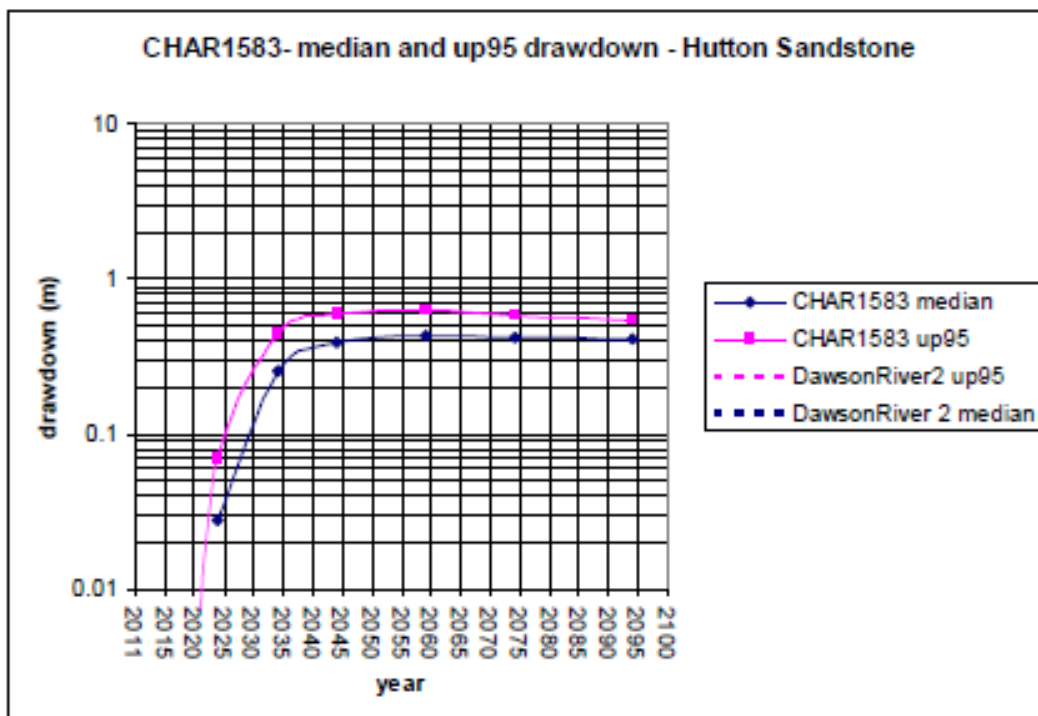
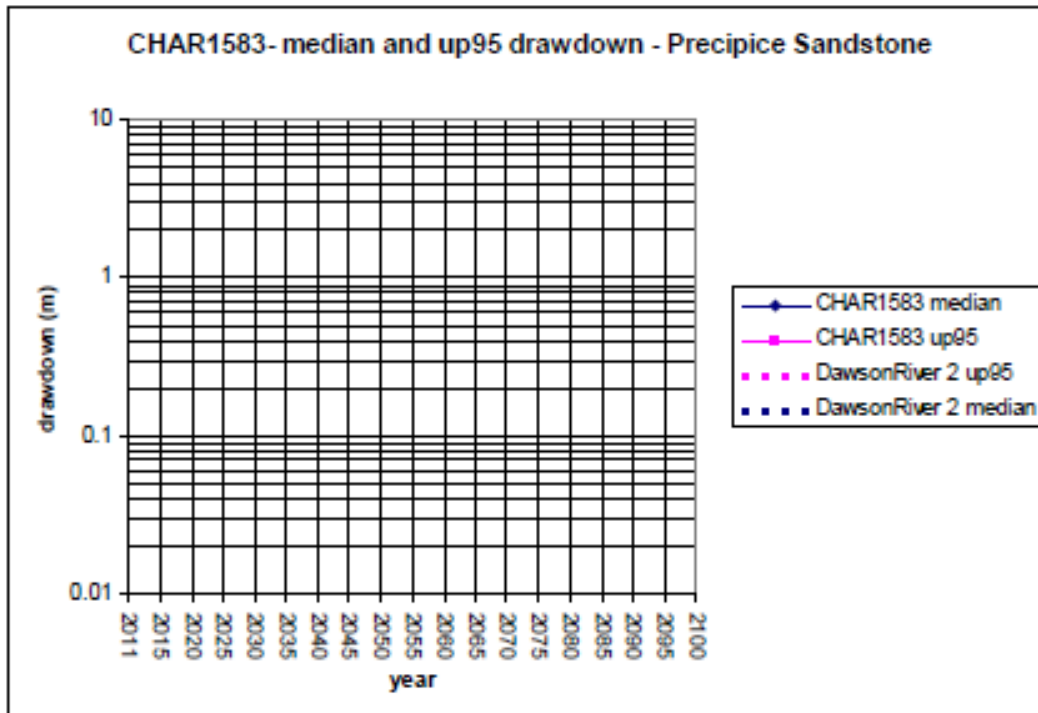
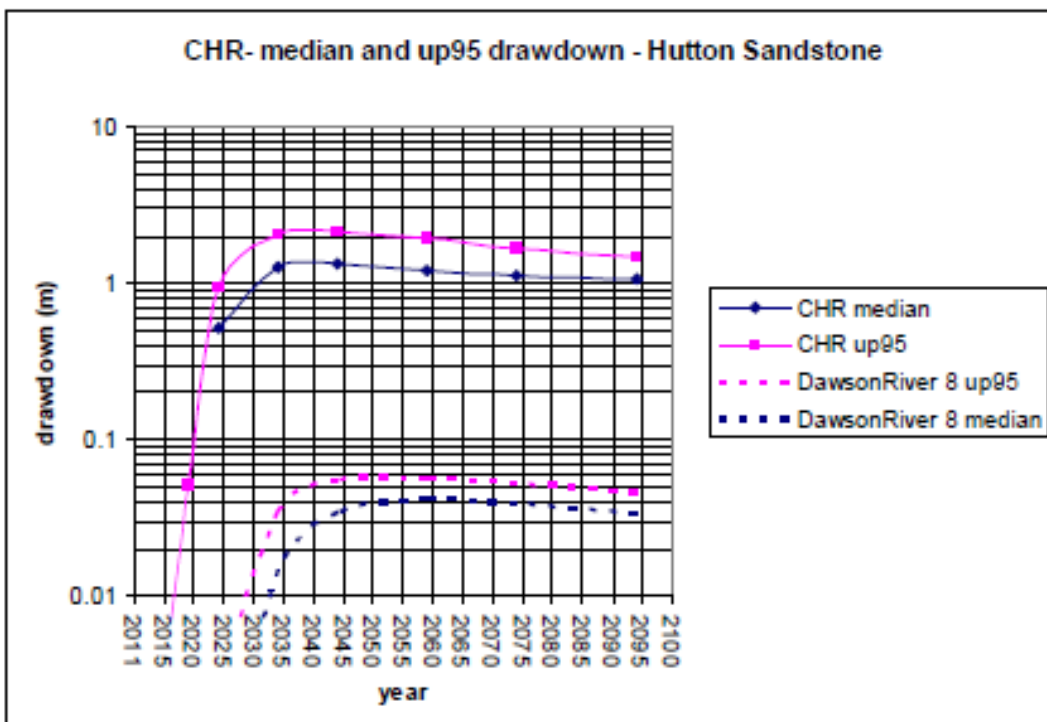
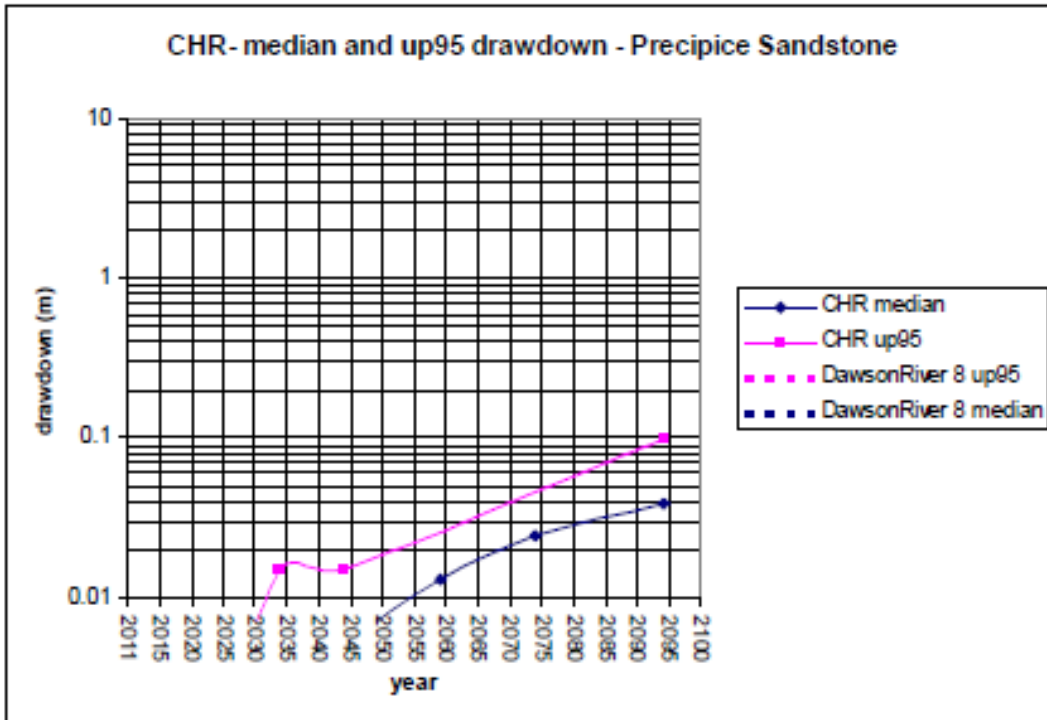


Figure V2. CHAR1583 GW001 and GW002 monitoring bores

Dawsons River 8

CHR (Early Warning)



FigureV3. Charlotte GW001 and GW002 monitoring bores