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## Memo

**Date** 2 May 2016  
**To** Nicola Fry  
**From** Carolina Sardella  
**Ref** 2200644A-WAT-MEM-002 RevB  
**Subject** Camden Gas Project - FY16 Six-monthly monitoring update - April 2016

This memo presents the updated hydrographs for the Denham Court, Menangle Park and Glenlee groundwater monitoring bores to April 2016 and the water quality results for the April 2016 sampling event.

Key observations for this monitoring period (November to April 2016) are as follows:

- The water level at RMB01 continues to slowly increase, as per the historical trend. A sudden increase in water level was observed at the beginning of April 2016, however further monitoring in April 2016 indicated that the water level has returned to show an increasing trend consistent with the historical trend.
- Sufficient water was present across the screened section of the RMB01 (69.0 – 81.0 m below ground level (mbgl)) to allow for a sample to be collected. The standing water level on 7 April 2016 was 77.22 mbgl.
- Water levels at the Menangle Park monitoring bores show a response to the rainfall events in December 2015 and January 2016; this response decreases with depth.
- The VWP sensors at GLMB01 and GLMB02, installed in March 2015, have not stabilised during this monitoring period. As such, the data has not been presented in this report as it is considered unreliable.

**Figures A.1 – A.6: Individual hydrographs for the Denham Court, Menangle Park and Glenlee sites**

**Figures A.7 – A.8: Nested hydrographs for the Denham Court, Menangle Park and Glenlee sites**

**Table A.1: Water quality results for April 2016**

Yours sincerely



**Carolina Sardella**  
Hydrogeologist

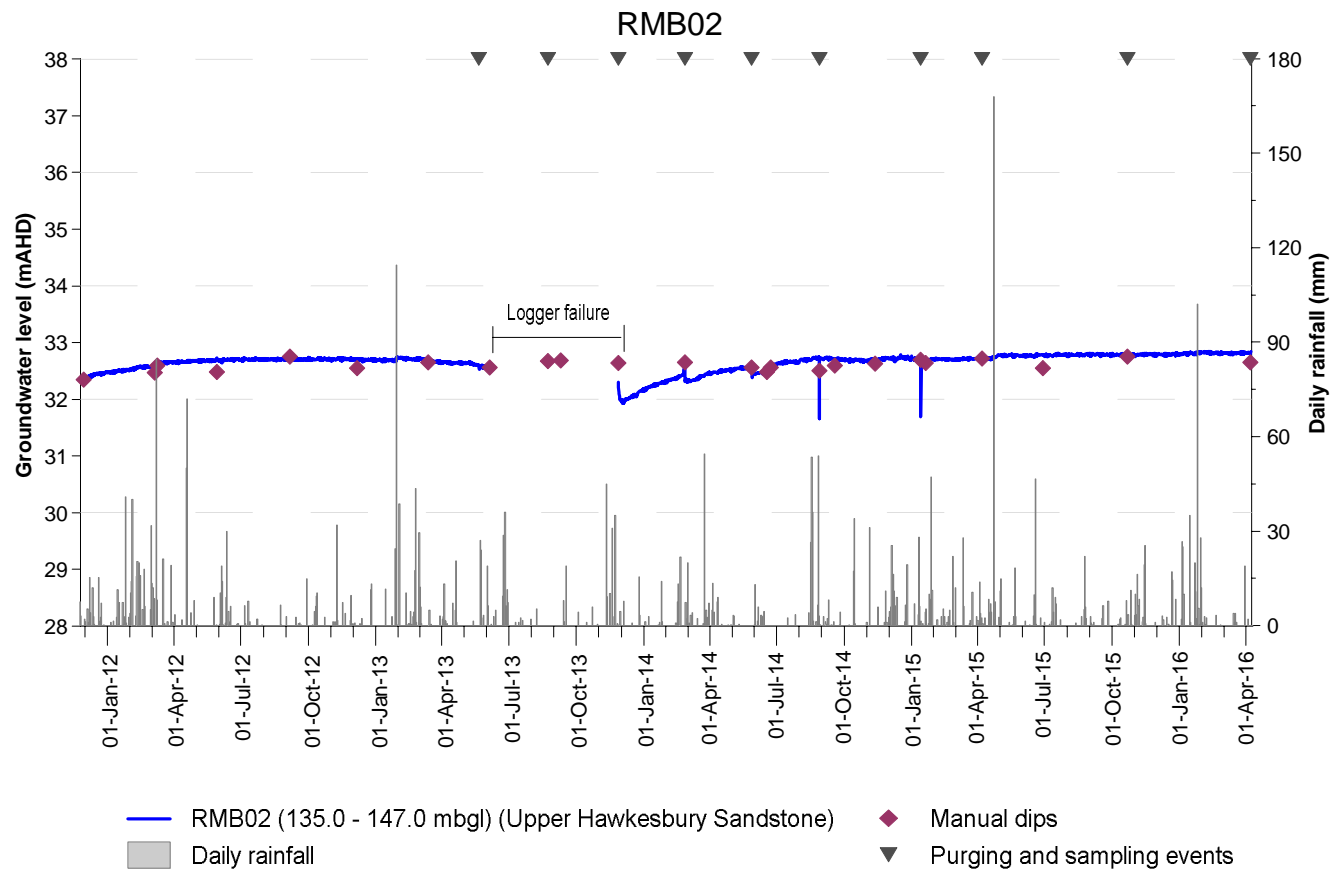
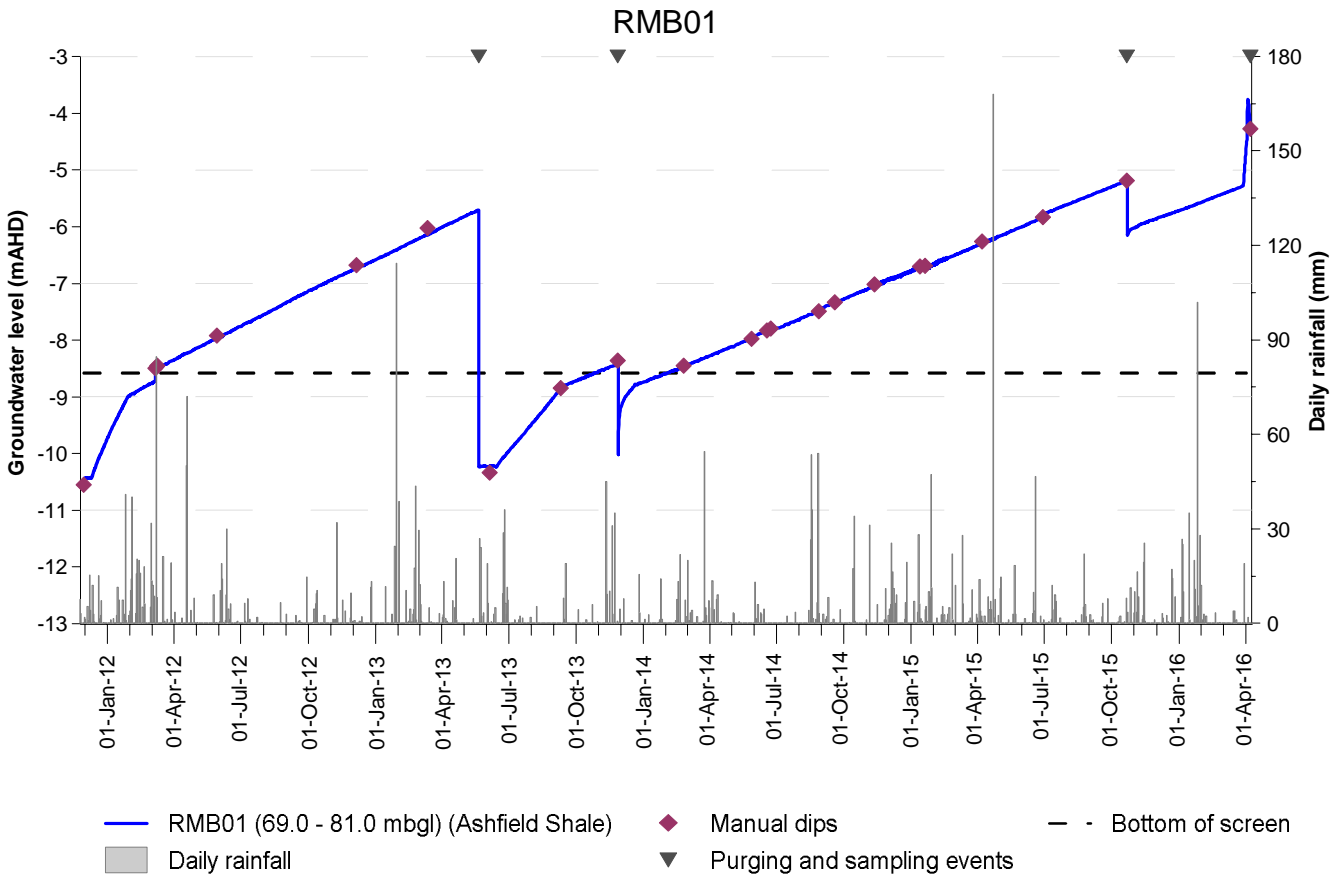


Figure A.1: RMB01 and RMB02 monitoring bores

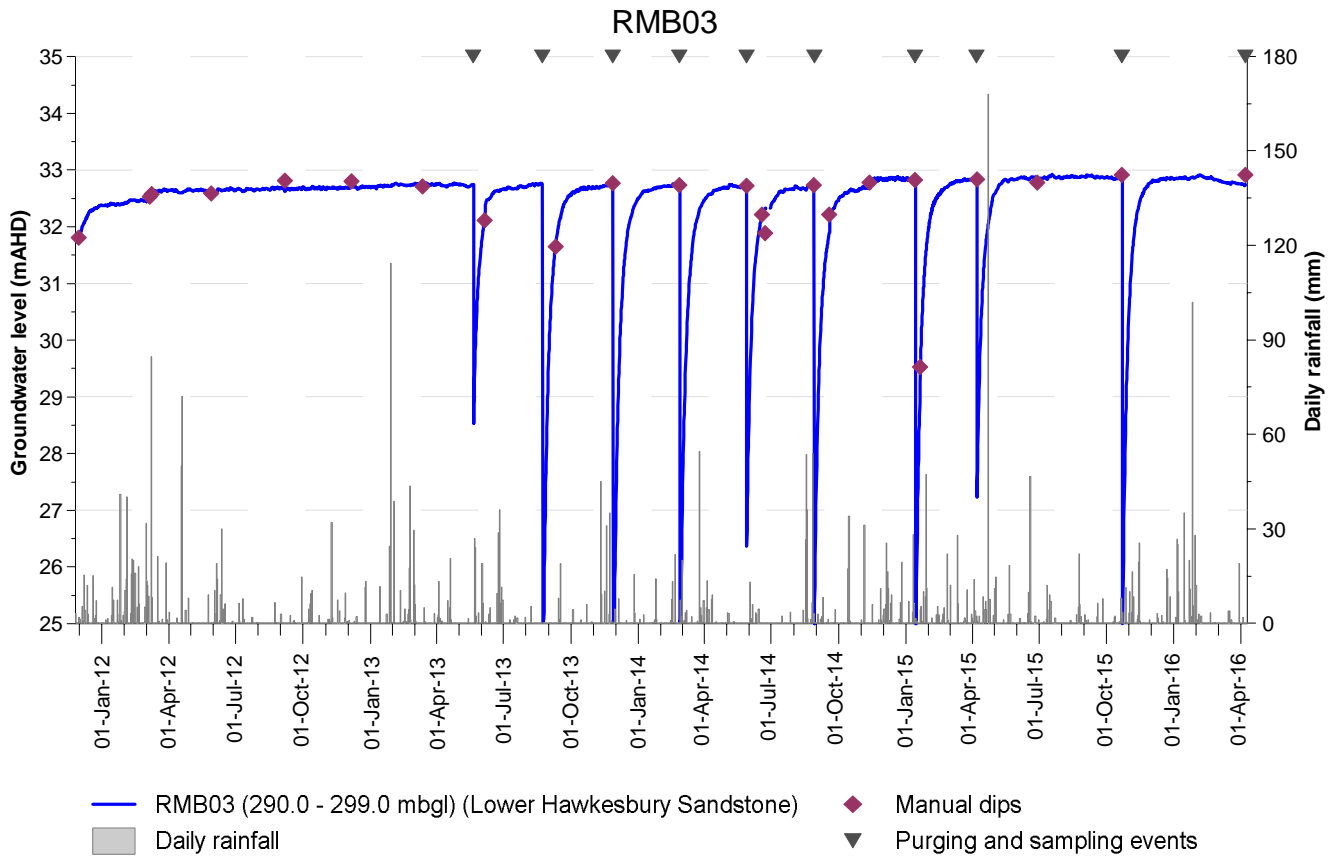


Figure A.2: RMB03 monitoring bore

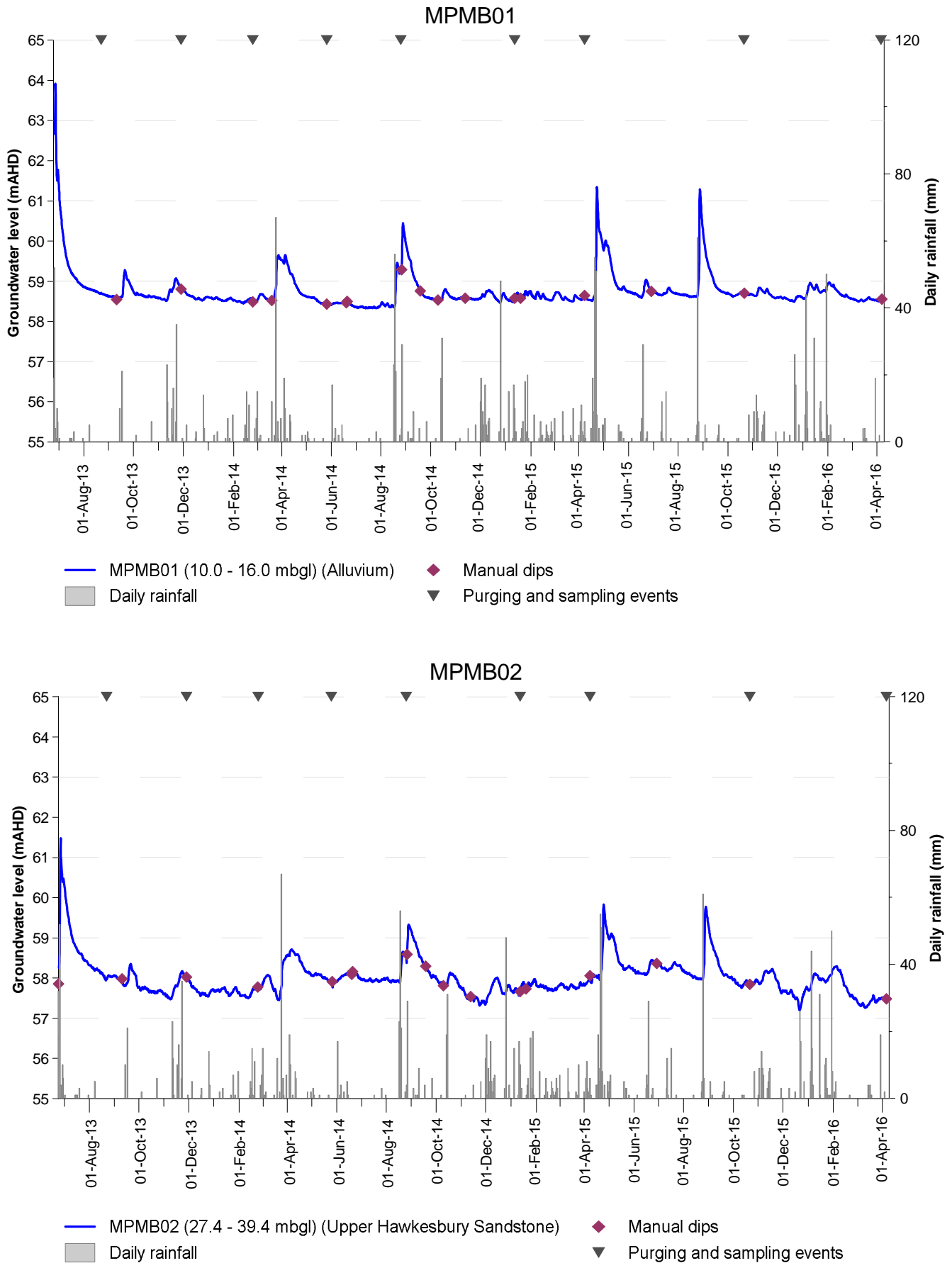


Figure A.3: MPMB01 and MPMB02 monitoring bores

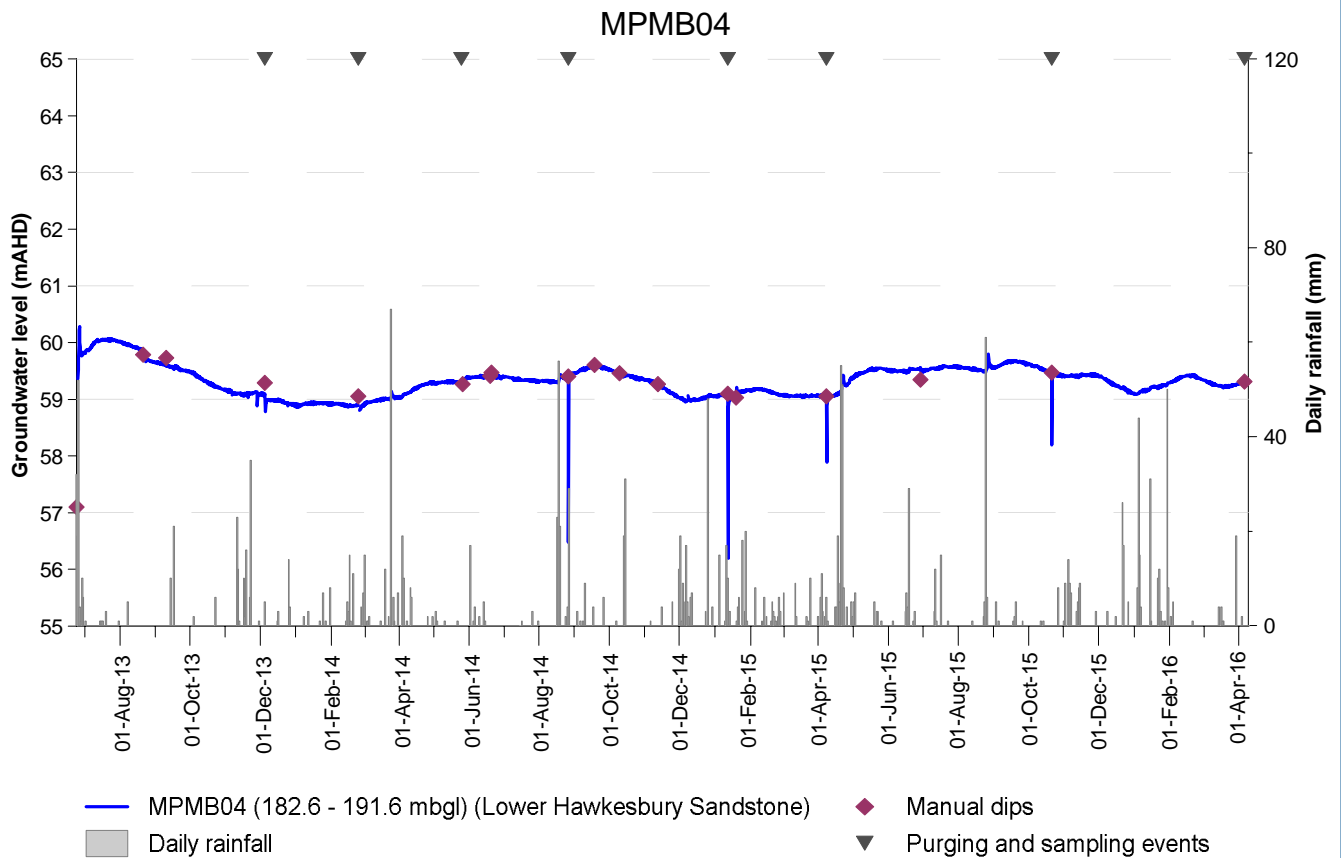
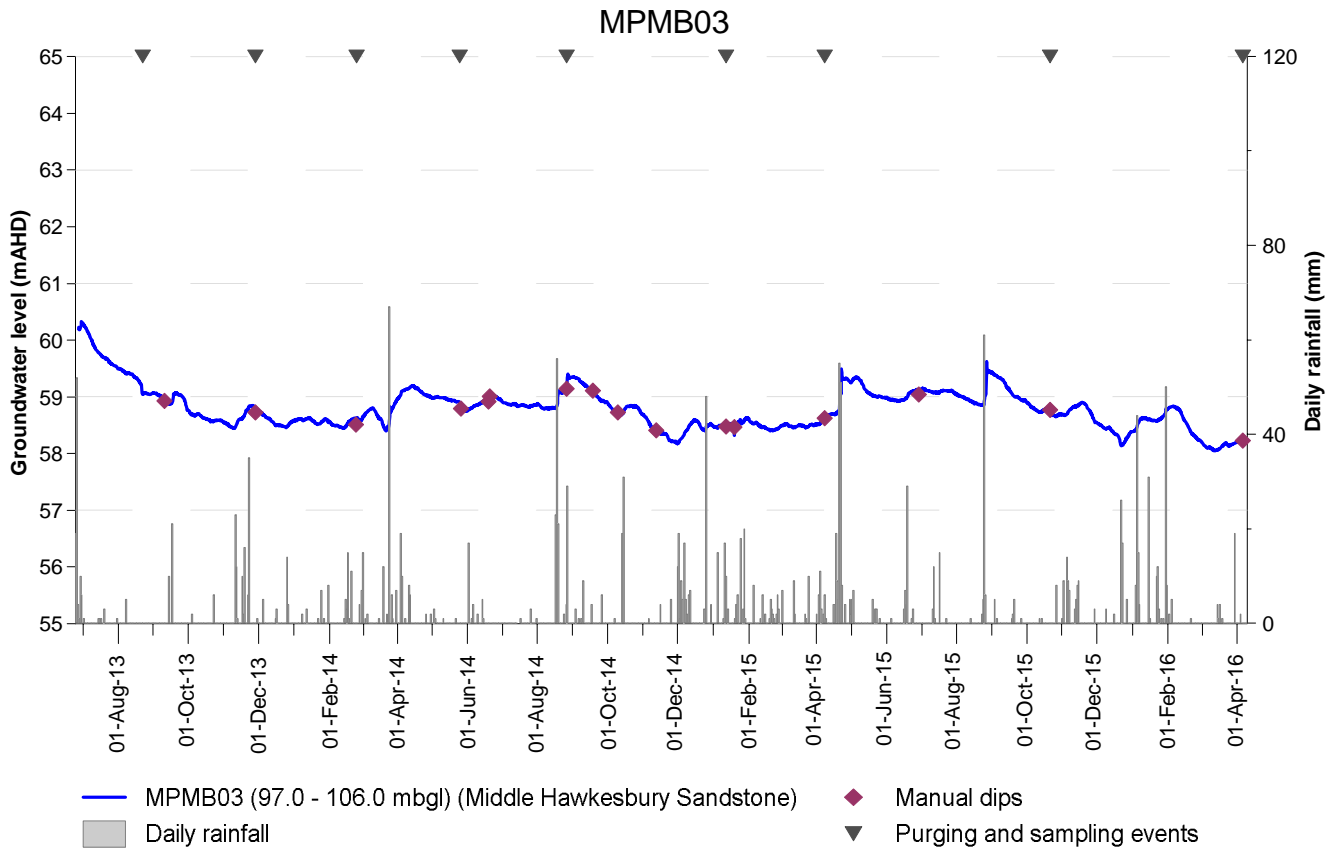


Figure A.4: MPMB03 and MPMB04 monitoring bores

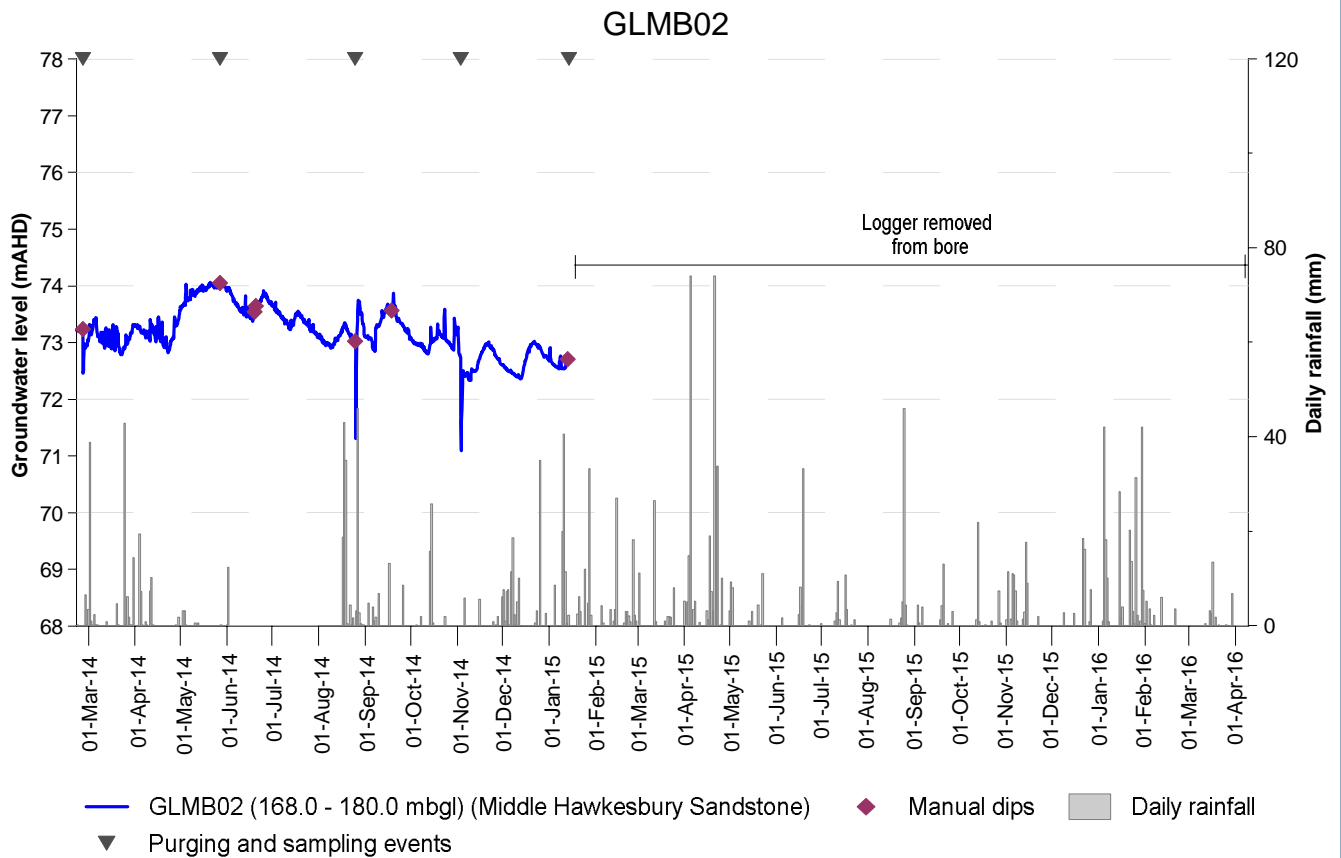
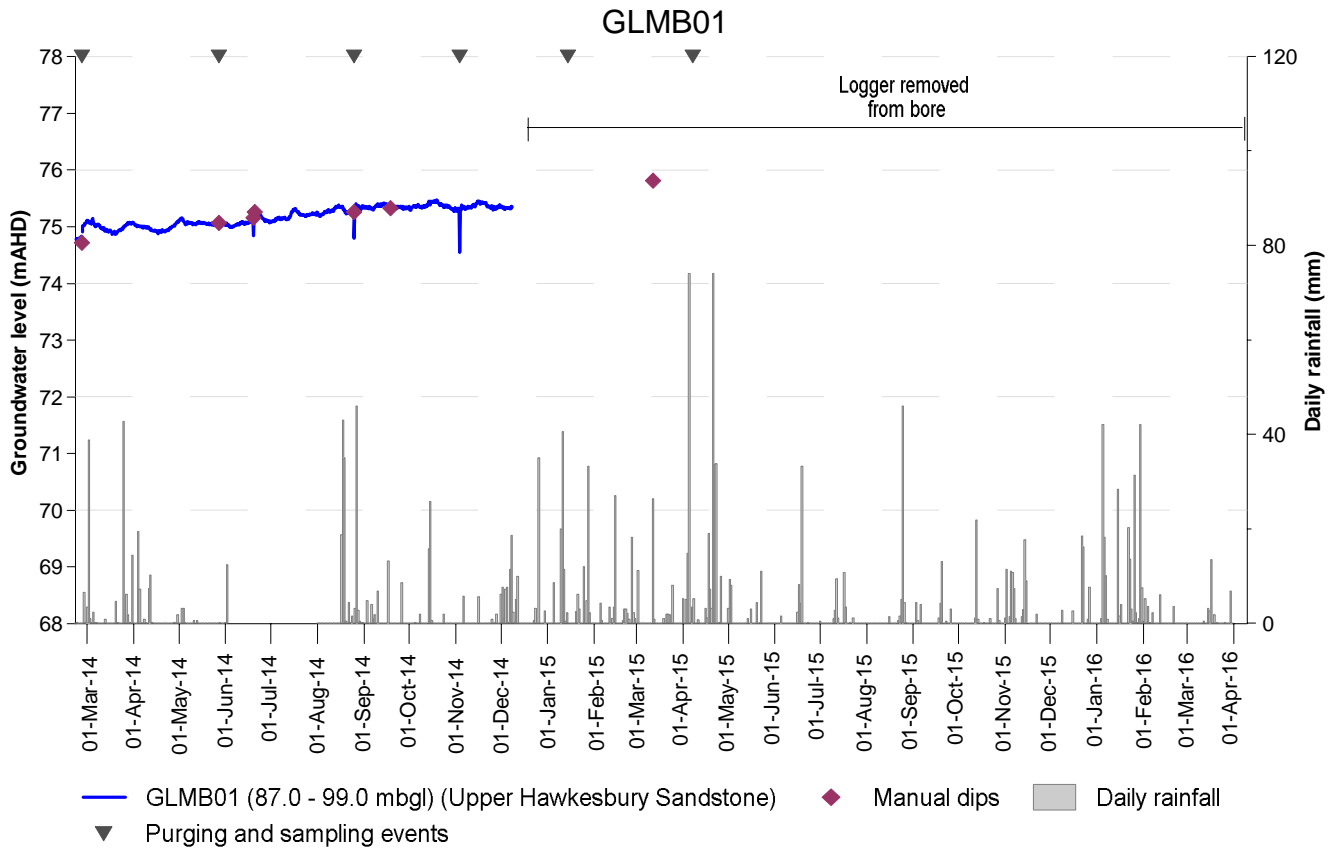


Figure A.5: GLMB01 and GLM02 monitoring bores

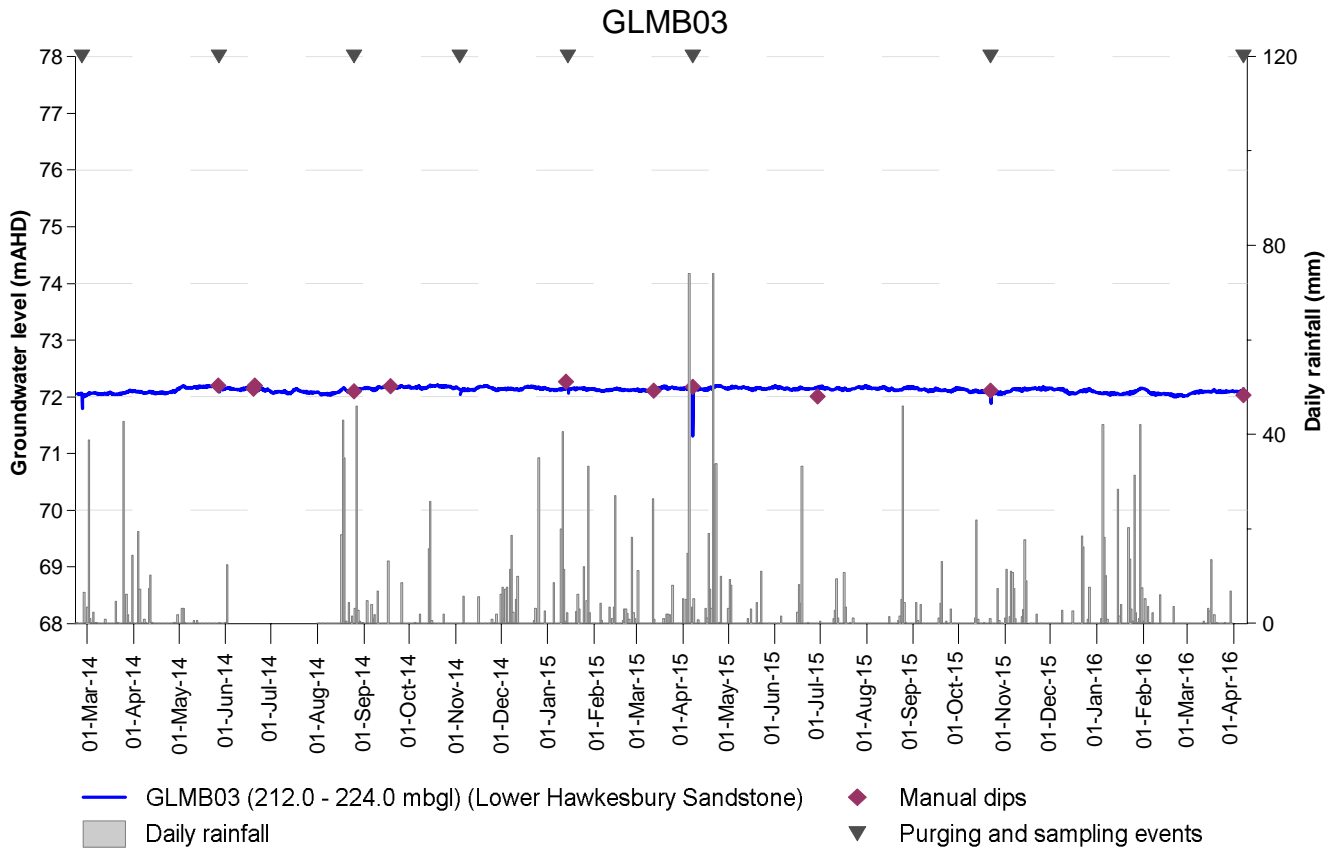


Figure A.6: GLM03 monitoring bore

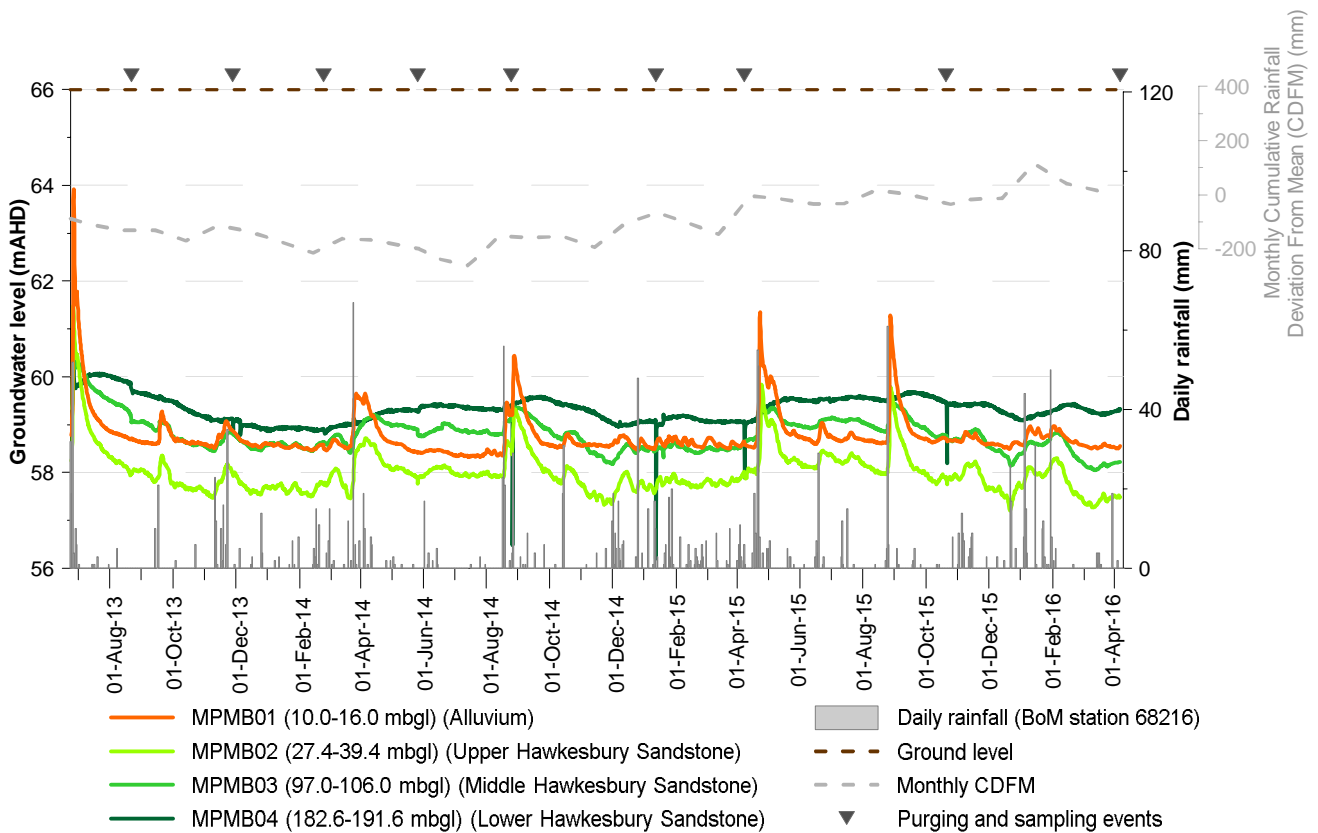
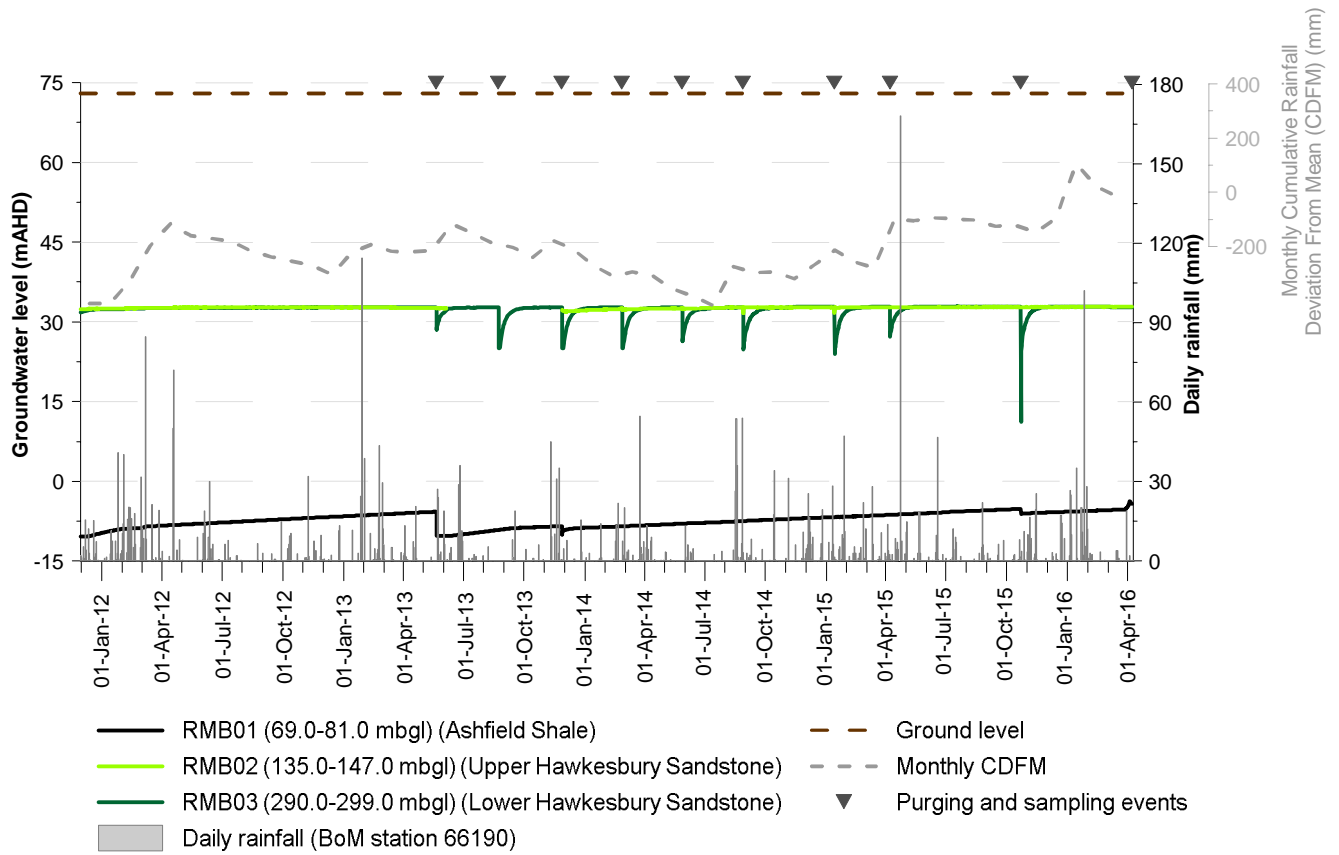


Figure A.7: RMB and MPMB monitoring bores



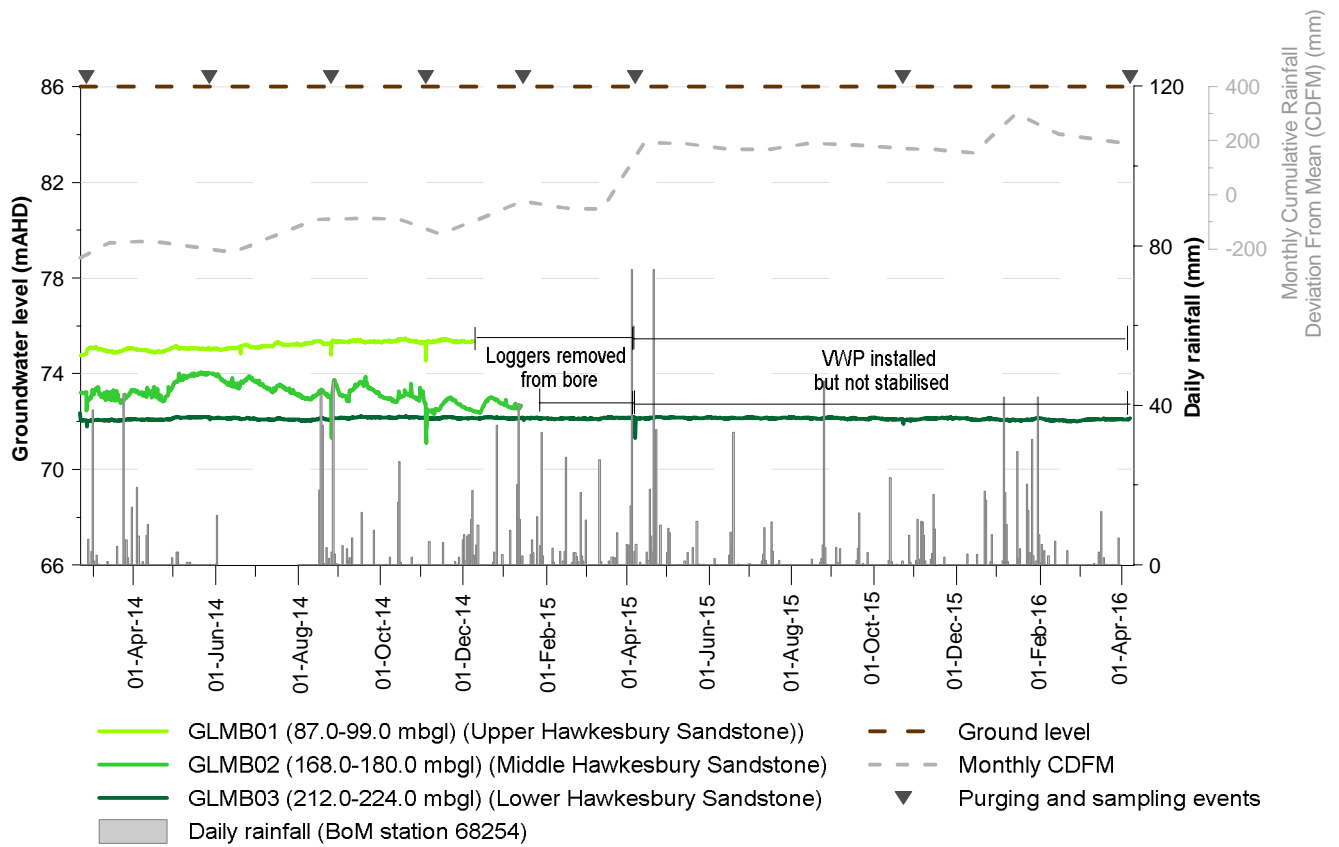


Figure A.8: GLMB monitoring bores

