



**14th March
2023**

**Monthly Groundwater and Climate Summary
1st February 2023 – 1st March 2023
for
Hodgson Quarries and Plant Pty Ltd Sand Quarry,
Roberts Road, Maroota, NSW**

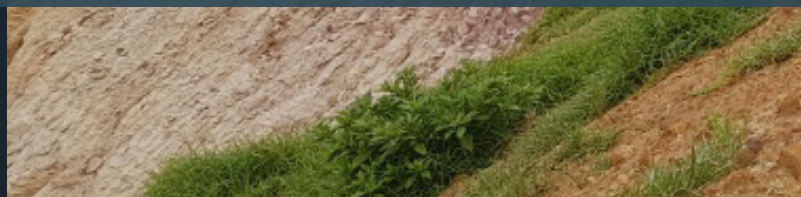


Figure One. Site Monitoring Locations



Groundwater Levels

Groundwater levels are currently monitored in nine boreholes located on the site. Groundwater levels are manually measured for depth each month using a groundwater dipper. Data is downloaded from groundwater loggers where present. MW1 logger was installed prior to 2015; the remaining loggers were installed in 2017.

Figure Two displays the depths as of January 2017. *Figure Three* shows depths between 1st February 2023 and 1st March 2023.

Following anomalous readings from the MW5 logger, the bore was investigated and discovered to have collapsed. The logger was relocated to a functioning bore and the bore abandoned and replaced by nearby MW8.

MW1 and MW12 were taken away for repairs during April 2018 and returned in October 2018, hence the gap in reporting on the following graphs.

Due to rain gauge malfunctions, rainfall was not recorded in 2020 until a new weather station was installed onsite 29th May 2020. Where available, daily rainfall received in the interim was been sourced from the Bureau of Meteorology.

Figure Two. Groundwater Depths with Rainfall 1st January 2017 to 1st March 2023

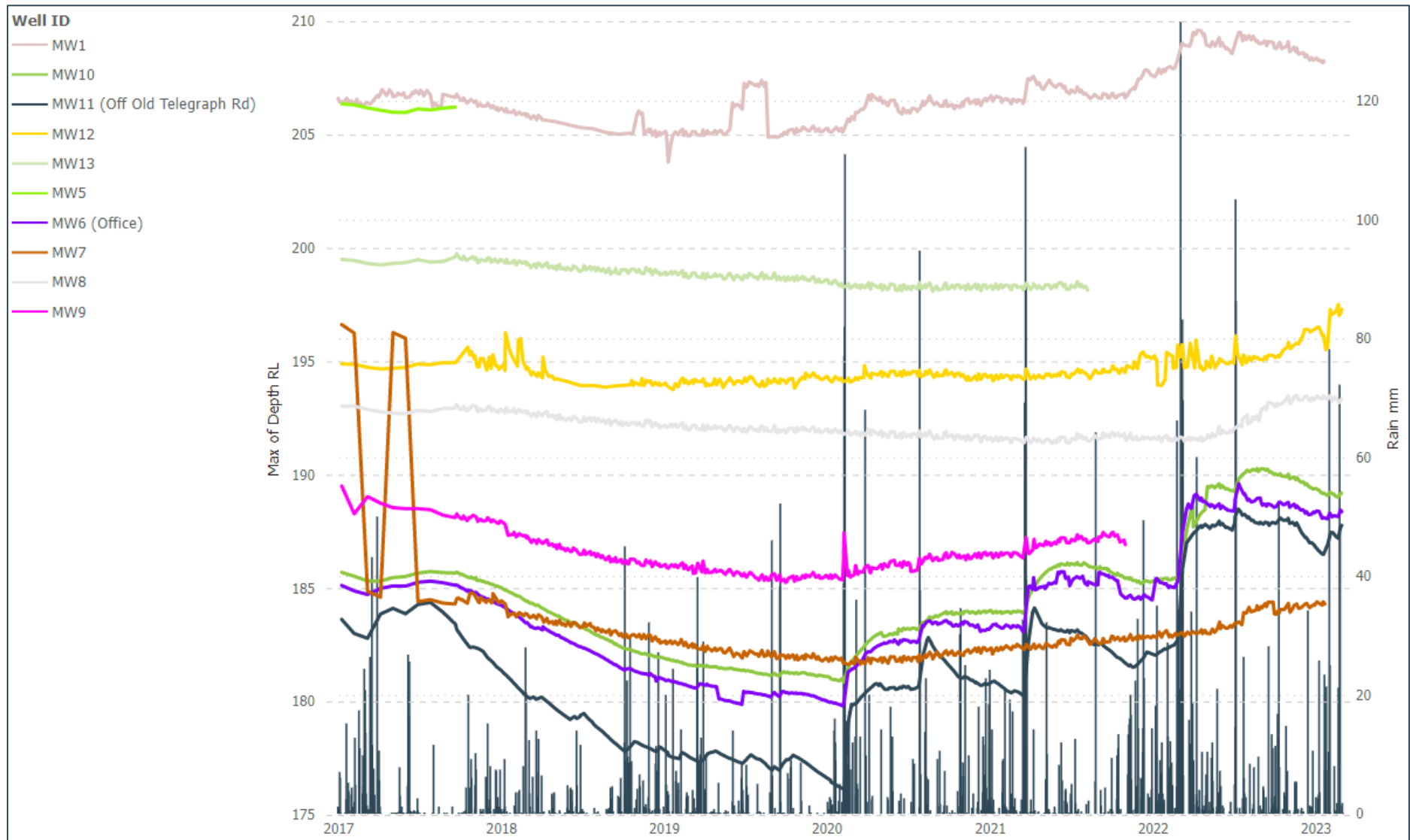
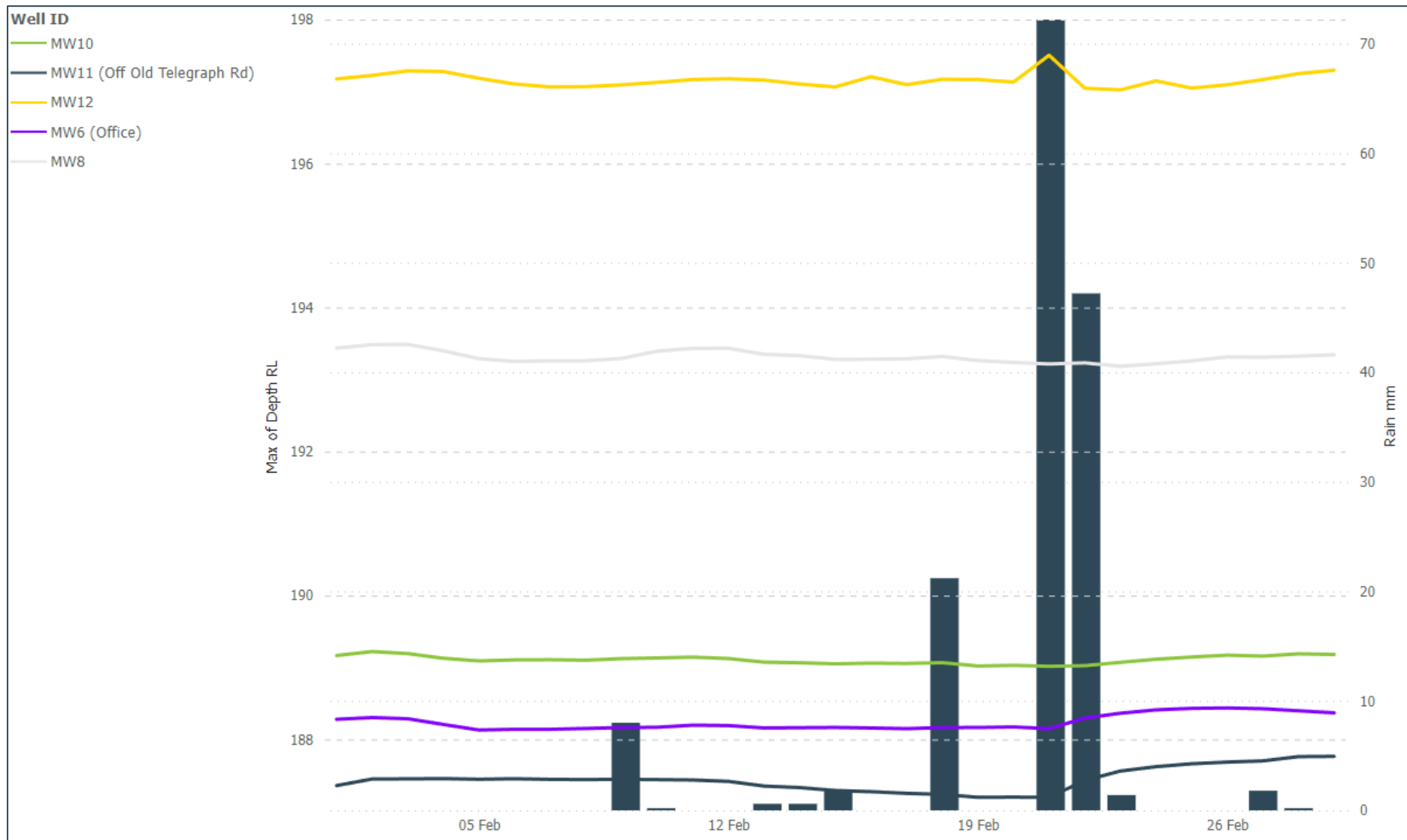


Figure Three. Groundwater Depths with Rainfall 1st February 2023 to 1st March 2023



Weather

A new weather station was installed 29th May 2020. A summary of the climate during the reporting period is shown below to 1st February 2023 to 1st March 2023.

Figure Four. Temperature and Rainfall Summary

