



Memorandum

To: Bendigo-Ophir Gold Project Expert Panel

From: Santana Minerals

Date: 17 August 2026

Re: Response to Question 6 of RFI 11

Please find attached Matakanui Gold Limited's response to Request for Information (RFI 11) Question 6, which requested:

In order to understand the potential effects on other users of the aquifers, please provide the results of a compliant bore pump test for the Bendigo aquifer.

In response to Question 6, MGL attaches the report *Report on Compliant Aquifer Test at BOGP Water Supply Bore Field*, prepared by Jens Rekker, Kōmanawa Solutions Ltd. The report presents the results of aquifer testing undertaken in July 2026 following the grant of a temporary groundwater take consent that enabled pumping to be undertaken in accordance with the Otago Regional Council aquifer testing guidelines.

The aquifer testing comprised a six-day constant rate test at an average pumping rate of approximately 97 litres per second, supported by monitoring at two observation bores within the localised drawdown zone and an Otago Regional Council monitoring bore within the Bendigo Aquifer. The testing enabled the derivation of updated hydraulic parameters for the aquifer, including transmissivity and specific yield, and provided additional information regarding the extent of drawdown effects associated with groundwater abstraction from the proposed water supply bore field.

In his report, Mr Rekker concludes that the July 2026 testing was compliant with the Otago Regional Council aquifer testing guideline and provides an appropriate basis for assessing groundwater drawdown effects on surrounding groundwater users and the wider Bendigo Aquifer.

Together with the supporting technical assessment, this report provides the results of a compliant aquifer test for the Bendigo Aquifer and addresses the matters raised by the Panel in Question 6.

Furthermore, the aquifer test demonstrates that drawdown effects on other groundwater users are limited. The nearest observation bores recorded corrected drawdown of approximately 0.7 m at 75 m distance and 0.4 m at 136 m distance from the pumping centre, while the Otago Regional Council monitoring bore located 875 m

away recorded approximately 0.057 m (57 mm) of drawdown during the test. These results indicate that drawdown effects diminish rapidly with distance and provide an appropriate basis for assessing potential effects on surrounding groundwater users.

The report also recommends that, should a second production bore be installed in the future, as per the substantial application, a further compliant commissioning pump test be undertaken to demonstrate performance at the full proposed borefield abstraction rate of up to 110 L/s. Until such testing is completed, groundwater abstraction would be limited to the demonstrated compliant test rate of approximately 97 L/s.