

OCEANAGOLD (NEW ZEALAND)
LIMITED

MACRAES PHASE FOUR (MP4)

Noise Assessment

Evidence of Jeremy William Trevathan
Regarding Technical Assessment of
Noise Effects and Proposed Conditions

INTRODUCTION

1. My name is Jeremy William Trevathan.
2. My role in relation to Macraes Phase 4 (“**MP4**”) has been to provide expert advice in relation to noise from the MP4 proposed activity. I supervised the drafting of the report titled *OceanaGold Macraes Phase 4 Project, Assessment of Environmental Noise Effects* (“**the Report**”) which is provided within *Part B – Technical Reports* of the application. I agree with the opinions and findings in the Report and adopt them as my own.
3. This evidence has been prepared to accompany the Report and the application by Oceana Gold (New Zealand) Limited (“**OGNZL**”) for approvals required for MP4 under the Fast-track Approvals Act 2024 (“**FTAA**”).
4. Section 4.1(h) of the FTAA Panel Conveners’ Practice and Procedure note (July 2025) says all technical experts authoring reports should include a statement regarding compliance with the Code of Conduct for Expert Witnesses. This evidence has been prepared to fulfil this requirement, and if a hearing is not held, this evidence confirms that, relative to my area of expertise the Report provides an appropriate description of the relevant environment, the proposed activities comprising the effects of the MP4 on that environment, and the way those effects are proposed to be managed.
5. My findings are set out in full in the report titled *OceanaGold Macraes Phase 4 Project, Assessment of Environmental Noise Effects*, included within *Part B – Technical Reports* of the application.
6. While this application is not being considered by the Environment Court, I confirm that I have read the Code of Conduct for expert witnesses contained in the Environment Court of New Zealand Practice Note 2023 and that I have complied with it when preparing the Report. Other than when I state I am relying on the advice of another person, the Report is within my area of expertise. I have not omitted to consider material facts known to me that might alter or detract from the opinions that I express.

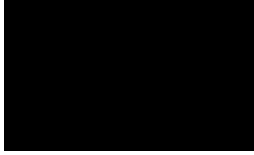
QUALIFICATIONS AND EXPERIENCE

7. I hold the degrees of Bachelor of Engineering with Honours and Doctor of Philosophy in Mechanical Engineering (Acoustics) from the University of Canterbury. I am an Associate of the New Zealand Planning Institute, and a Member of the Acoustical Society of New Zealand.
8. I am an Acoustic Engineer and Director of Acoustic Engineering Services Limited, an acoustic engineering consultancy with offices in Auckland, Wellington and Christchurch.

9. I have more than twenty years' consulting experience in the field of acoustic engineering and have been involved with a large number of environmental noise assessment projects throughout New Zealand. I have previously presented evidence at Council, District and Environment Court Hearings, and before Boards of Inquiry. I have acted on behalf of applicants, submitters and as a peer reviewer for Councils.
10. In providing this evidence, I have considered the following matters as relevant to that topic:
 - (a) The project description provided by OGNZL as set out in Section 6 of the Substantive Application prepared by Mitchell Daysh Limited;
 - (b) The description of the existing environment as set out in Section 4 of the Substantive Application, the effects of MP4 on that environment and their significance, and the proposals to manage those effects as all set out in the assessment of effects in Section 9 of the Substantive Application; and
 - (c) Results of ongoing noise monitoring as provided by OGNZL, description of future mining activity, technical data for the site and machinery. On site noise measurements have been undertaken AES engineers.

CONFIRMATION OF CONTENTS OF REPORT AND PROPOSED CONDITIONS

11. I confirm that in my opinion the Report contains an accurate and appropriate description of the environment, the actual and potential effects of MP4, and the recommended actions to manage those effects within my area of expertise.
12. I confirm that in my opinion the contents of the Report may be relied on in making a decision on the approvals sought for MP4, and confirm that provided effects within my area of expertise are managed as proposed in the application those effects will not be unacceptable and will be managed to a standard that I consider meets good practice.
13. I confirm that I have reviewed the conditions that OGNZL proposes for the various approvals being sought as they relate to my area of expertise. I confirm that in my opinion those proposed conditions are appropriate.



Jeremy William Trevathan

Dated this 3rd day of September 2026