

OCEANAGOLD (NEW ZEALAND)
LIMITED

MACRAES PHASE FOUR (MP4)

Ex-Pit Waste Rock Stacks – Geotechnical Stability

Evidence of Timothy Rutherford
Regarding Technical Assessment of the
Geotechnical Stability of the Ex-Pit
Waste Rock Stacks Effects and
Proposed Conditions

INTRODUCTION

1. My name is Timothy Rutherford
2. My role in relation to Macraes Phase 4 (“**MP4**”) has been to provide expert advice in relation to the geotechnical stability of the ex-pit Waste Rock Stacks. I oversaw the PSM71-375R – Waste Rock Stacks – Geotechnical Stability report (“**the Report**”) which is provided within *Part B – Technical Reports* of the application.
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 PSM71-375R – Waste Rock Stacks – Geotechnical Stability report 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 graduated from the University of Canterbury in 2009 with a Bachelor of Science in Engineering Geology with first class honours. I completed my Master of Engineering Science in Geotechnical Engineering and Engineering Geology at the University of NSW (Sydney, Australia) in 2016.
8. I am currently employed as an Associate Engineering Geologist at PSM and have held that position since 2018 (albeit with a role outside of Engineering Geology between 2022 and 2023).

9. My previous work experience includes:
- (a) I joined PSM in 2009 as an Engineering Geologist and have advance through the company to the role of Associate Engineering Geologist.
 - (b) I have worked on numerous large-scale mining and civil projects in New Zealand, Australia and internationally including previous geotechnical studies for the Macraes Gold Project. Projects I have been involved in range from large open pit mines to civil tunnels and motorway geotechnical design and construction. I have experience in slope stability (civil and mining), waste rock stack and open pit slope design, the development of geotechnical models, geohazards and civil construction phase supervision.
10. In providing this evidence, I have considered the following matters as relevant to that topic:
- (c) The project description provided by OGNZL as set out in Section 6 of the Substantive Application prepared by Mitchell Daysh Limited; and
 - (d) 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.

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.


Timothy Rutherford

Dated this 4th day of August 2026