

OCEANAGOLD (NEW ZEALAND)
LIMITED

MACRAES PHASE FOUR (MP4)

**Geotechnical Stability Assessments
of Open Pits Extensions, Ex-pit Waste
Rock Stacks, Frasers TSF
Impoundment Slope Stability and
Underground Mine Subsidence.**

Evidence of Robert Bertuzzi Regarding
Technical Assessment of Geotechnical
Stability associated with Open Pit
Extensions, Frasers Tailings Storage
Stage 3 Impoundment, Ex-Pit Waste
Rock Stacks and Golden Point
Underground Mine Subsidence
including Effects and Proposed
Conditions

7 August 2026

INTRODUCTION

1. My name is Robert Bertuzzi
2. My role in relation to Macraes Phase 4 (“**MP4**”) has been to provide expert advice in relation to the open pit extensions, Frasers TSF Stage 3 impoundment, ex-pit waste rock stacks and Golden Point Underground mine subsidence Assessments. I reviewed the follow documents (“**the Reports**”) which are provided within *Part B – Technical Reports* of the application:
 - a. Macraes Phase Four Project – Open Pit Extensions – Geotechnical Stability (PSM71-363R)
 - b. Macraes Phase Four project – Golden Point Underground Extensions – Mine Subsidence Assessment (PSM71-373R)
 - c. Macraes Phase Four Project – Waste Rock Stacks – Geotechnical Stability (PSM71-375R).
 - d. Macraes Phase Four Project – Open Pit Stability Assessment for Frasers Tailings Storage Stage 3 (PSM71-376R)
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 Reports 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 reviews are set out in full in the following reports, included within *Part B – Technical Reports* of the application.
 - a. Macraes Phase Four project – Open Pit Extensions – Geotechnical Stability (ref: PSM71-363R)
 - b. Macraes Phase Four project – Golden Point Underground Extensions – Mine Subsidence Assessment (PSM71-373R)
 - c. Macraes Phase Four Project – Waste Rock Stacks – Geotechnical Stability (ref: PSM71-375R)

6. Macraes Phase Four Project – Open Pit Stability Assessment for Frasers Tailings Storage Facility Stage 3 (ref: PSM71-376R).
7. 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 reviewing 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

8. The following points list my relevant qualifications:
 - a. PhD, UNSW Australia, 2017
 - b. ME (Research) Rock Mechanics, Sydney Uni, 1990
 - c. Grad Dip App Finance & Investment, Securities Institute (Aust), 1998
 - d. BE Mining (First Class Honours), Sydney University, 1986
9. I maintain the following relevant professional associations
 - i Chartered and Registered Professional Engineer
 - ii Registered Professional Engineer of Queensland (Civil & Mining)
 - iii Registered APEC Engineer (Civil)
 - iv Member Australasian Institute of Mining and Metallurgy
 - v Member of Australian Geomechanics Society
 - vi Member of International Society of Rock Mechanics
10. I am currently employed as Senior Principal Geotechnical Engineer and have held that position since 1999.
11. My previous work experience includes Mining Engineer (1986 – 1991), Senior Geotechnical Engineer (1991-1998).
12. 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

Macraes Phase Four (MP4) – Evidence of Robert Bertuzzi Regarding Technical Assessment Open Pit Geotechnics, Waste Rock Stacks and Frasers Tailings Storage Stage 3 Impoundment and Mine Subsidence Assessments including Effects and Proposed Conditions

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

13. 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.
14. 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.
15. 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.



Robert Bertuzzi

Dated 7 August 2026