

OCEANAGOLD (NEW ZEALAND)  
LIMITED

## **WAIHI NORTH PROJECT**

GLADSTONE PIT – GEOTECHNICAL  
ASSESSMENT

Evidence of Tim Sullivan Regarding  
Technical Assessment of the Waihi  
North Project Gladstone Pit -  
Geotechnical Assessment Effects and  
Proposed Conditions

## INTRODUCTION

My name is Tim Sullivan

My role in relation to the Waihi North Project (“**WNP**”) has been to provide expert advice in relation to the Gladstone Pit – Geotechnical Assessment. I wrote and oversaw the Gladstone Pit – Geotechnical Assessment which is provided within *Part H – Supporting Technical Assessments* of the application.

This evidence has been prepared to accompany the application by Oceana Gold (New Zealand) Limited (“**OGNZL**”) for approvals required for the WNP under the Fast-track Approvals Act 2024 (“**FTAA**”). It has been prepared on the understanding that the process for determining applications under the FTAA does not require a hearing to be held, and accordingly the purpose of this evidence is to confirm that, relative to my area of expertise the Gladstone Pit – Geotechnical Assessment provides an appropriate description of the relevant environment, the proposed activities comprising the effects of the WNP on that environment, and the way those effects are proposed to be managed.

My findings are set out in full in the Gladstone Pit – Geotechnical Assessment included within *Part H – Supporting Technical Assessments* of the application.

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 this evidence. Other than when I state I am relying on the advice of another person, this evidence 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

BA (Geol), Macquarie University, Sydney 1973

Diploma of the Imperial College of Science and Technology (UK) 1980

Master of Science (with Distinction), University of London, 1980

I am currently employed as a Director and Principal Engineering Geologist at Pells Sullivan Meynink and have held that position since 1993.

In providing this evidence in relation to Gladstone Pit – Geotechnical Assessment, I have considered the following matters as relevant to that topic:

- (a) The project description provided by OGNZL as set out in Section 2 of the Substantive Application prepared by Mitchell Daysh Limited;
- (b) The technical assessments of OceanaGold including use of their factual data, Technical Report for the Waihi Gold Mine (2015, document reference NI43-101) and Dewatering and Settlement Monitoring Report (2016, document reference WAI-200-rep-007-002), GHD and their Gladstone Pit TSF Design Report (2024, document no. 12537997) and GWS and their Gladstone Hill Wetland – Interpretation of Hydrogeological Conditions and Potential Effects from the Proposed Gladstone Open Pit (2021, technical memo).

## **CONFIRMATION OF CONTENTS OF REPORT AND PROPOSED CONDITIONS**

I confirm that in my opinion the Gladstone Pit – Geotechnical Assessment contains an accurate and appropriate description of the environment, the actual and potential effects of the WNP, and the recommended actions to manage those effects within my area of expertise.

I confirm that in my opinion the contents of the Gladstone Pit – Geotechnical Assessment may be relied on in making a decision on the approvals sought for the WNP 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.

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.



**Tim Sullivan**

Dated this 3 day of March 2025