

Before the Hearing Commissioners
Appointed by the Grey District Council
and West Coast Regional Council

Under the Resource Management Act 1991

In the matter of Resource consent applications by TiGa Minerals and Metals
Ltd to establish and operate a mineral sands mine on State
Highway 6, Barrytown (RC-2023-0046; LUN3154/23)

Supplementary Statement of Cameron Wylie

7 February 2024

Applicant's solicitor:
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**anderson
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Matters of response

- 1 My name is Cam Wylie.
- 2 I have been asked to provide a response to the following matters:
 - (a) Express the likelihood of a Magnitude 8 Alpine Fault earthquake scenario as a percentage.
 - (b) Explain what is required to be added to consent conditions to ensure pit wall stability.
- 3 My responses are as follows:
 - (a) The likelihood of a Magnitude 8 Alpine Fault earthquake impacting this Proposal within in any one year period is 0.001% (paragraph 42(b) of my evidence). The risk (likelihood x consequence) is considered to be low.
 - (b) Conditions of consent should:
 - (i) Require geotechnical investigations prior to the commencement of each panel to confirm ground conditions and pit wall performance.
 - (ii) Require the commencement of tailings placement within 6 weeks, and complete tailings placement and rehabilitation within 8 weeks, when commencing the mine pit adjacent to the coastal lagoon and rusty pond. This is to reduce the residual risk of an extreme event at the time of mining the starter cut closest to the Canoe Creek Lagoon or Rusty Pond.
 - (iii) I have worked with Ms McKenzie and support the changes to Conditions 7.5 and 7.6

Cameron Wylie

Dated this 7th day of February 2024