

**SUBMISSION  
ON AN APPLICATION FOR RESOURCE CONSENT  
UNDER SECTION 96  
OF THE RESOURCE MANAGEMENT ACT 1991**

Office Use Only



**PART A: DESCRIPTION OF APPLICATION**

CONSENT NUMBER:

APPLICANT:

WCRC: RC-2023-0046 GDC: LUN3154/23

TiGa Minerals and Metals Ltd

DESCRIPTION OF PROPOSED ACTIVITY:

a mineral sands mine in an area of approximately 63ha over a 12-year period

LOCATION:

Map reference NTZM: 1460770E, 5082683N

Legal description: Lot 1 DP 412689 and Rural Section 2847

**PART B: SUBMITTER DETAILS**

Full name/s	Jane Young		
Postal address	[REDACTED]		
I am the owner/occupier (delete one) of the following property:			
Primary contact person/s	Jane Young		
Email address	[REDACTED]		
Phone number/s	Home:	[REDACTED]	Business:
	Mobile:	[REDACTED]	Fax:

Signature:

**S J Young**

Date:

12 October 2023

Name (BLOCK CAPITALS):

JANE YOUNG

*If this is a joint submission by 2 or more individuals, each individual's signature is required  
A signature is not required if you make your submission by electronic means.*

I/we **support** the application numbers indicated by a tick on the back of this form

I/we **oppose** the application

I/we **neither support nor oppose** the application

(tick one)

(tick one)

I/we **wish to be heard** in support of my/our submission.

I/we **DO NOT wish to be heard** and hereby make my/our submission in writing only.

If you wish to be heard, and others make a similar submission would you consider making a joint case with them at any hearing

Yes

No

If you indicated you wish to be heard, you will be sent a copy of the S.42A Officer's Report and a copy of the Decision once it is released. Please indicate below which format you would like to receive these documents in:

Electronic (CD) copy

Hard (paper) copy

I/we **have** served a copy of my/our submission on the Applicant as per Section 96(6)(b) of the RMA

Yes

My/our submission is that: (state in summary the nature of your submission. Clearly indicate whether you support or oppose the specific proposal, or wish to have amendments made, giving reasons)

I oppose the application for the following reasons:

#### Social impacts

I am a long-term resident of the Catlins, a beautiful area of New Zealand that has a very similar character to that of the West Coast. I can only imagine how devastated I would feel if an industrial development of this kind took place within sight and/or sound of my home, replacing tranquillity with the background rumble of an opencast mine in operation.

Looking at a random sample of the submissions received to date, I noted that the 'support' ones had all filled in a standard template; whereas the 'opposed' ones were written by individuals who obviously have a strong connection to the Barrytown area, and who are deeply concerned by the

I/we seek the following decision from the Local Authority:(give precise details)

I seek the following decision from the Local Authority: that the application be declined in its entirety

### Important information – please read carefully

#### Public information

The information you provide is public information. It is used to help process a resource consent application and assess the impact of an activity on the environment and other people.

Your information is held and administered by the West Coast Regional Council in accordance with the Local Government Official Information and Meetings Act 1987 and the Privacy Act 1993. This means that your information may be disclosed to other people who request it in accordance with the terms of these Acts. It is therefore important you let us know if your form includes any information you consider should not be disclosed.



**THE WEST COAST**  
REGIONAL COUNCIL

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Website [www.wcrc.govt.nz](http://www.wcrc.govt.nz)

I oppose the application for the following reasons:

### **Social impacts**

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Looking at a random sample of the submissions received to date, I noted that the 'support' ones had all filled in a standard template; whereas the 'opposed' ones were written by individuals who obviously have a strong connection to the Barrytown area, and who are deeply concerned by the potential for social and environmental harm posed by this development.

### **Economic aspects**

The applicant chants the usual mantra of "Jobs and growth", but nowhere is there any reference to the potential negative economic impacts of the proposed mine such as on tourism. It's estimated that approximately 47 FTEs would be created, but there appears to be no indication of where these workers would come from. Will the local economy really benefit? The company itself has Australian directors, and is almost 90 per cent Australian owned. Mineral sands are a non-renewable resource – a raw material that will receive minimal processing before being shipped overseas, along with the profits.

### **Transport aspects**

Our family has had some memorable trips up the West Coast, including one with a two-hour delay while the latest slip was removed from the highway. The economic considerations given to TiGa's proposal will need to factor in the increased wear and tear caused to already precarious roads by the impact of all the extra vehicle movements. They should also take into account the extra wear and tear on the nerves of visiting drivers or cyclists who may be less inclined to return after experiencing the hazards caused by heavy traffic on a narrow, winding coastal highway.

### **Climate change aspects**

Open cast mineral sand mining, together with concentration and trucking of the products is emissions intensive. TiGa's application, however, makes no reference to either mitigation of, or adaptation to, climate change. There is no significant consideration given to the impacts of climate change on the proposed operation or vice versa. Mining would reduce the land elevation, worsening the impacts of coastal erosion and seawater incursion into groundwater caused by sea level rise and storm surges in a warming climate. Conversely, there is a real risk of leachates containing heavy metals ending up in coastal lagoons, wetlands and freshwater springs, especially after heavy rain events, predicted to become more frequent and intense in a climate-changed future.

### **Biodiversity aspects**

The only breeding location of the endangered Westland petrel/tāiko is an 8 km stretch of coastal forest near Punakaiki. Colonies are only 3.5 km north of the proposed Barrytown mine site. Tāiko fledglings, and sometimes adults, are disorientated by light, and once they crash land they can't take off again. TiGa claims that they can reduce the threat level caused by their operations but there will still be mining and trucking during the hours of darkness.

The New Zealand mining industry doesn't have a great track record regarding its impact on freshwater ecosystems. The applicant's proposal acknowledges the potential for a deterioration in water quality because of increased metal loads, turbidity, sedimentation and toxicity. However, it's considered that the changes in water chemistry would result in no more than minor ecological effects provided that "robust water management methods" with adherence to "strict water quality parameters" are employed under an "ideal operational scenario".

Unfortunately we don't operate in an ideal world – economics tends to trump environmental and human values at every turn. And even with the best of intentions, no system is foolproof.

I strongly urge you to reject TiGa's proposal, which I believe carries a high level of risk with no commensurate gain.

Jane Young