

## Form 4 – Minimal Impact Certification

DA Number: \_\_\_\_\_

This form may be used where minor construction works which present minimal or no geotechnical impact on the site or related land are proposed to be erected within the “G” line area of the geotechnical maps.

A geotechnical engineer or engineering geologist must inspect the site and/or review the proposed development documentation to determine if the proposed development requires a geotechnical report to be prepared to accompany the development application. Where the geotechnical engineer determines that such a report is not required then they must complete this form and attach design recommendations where required. A copy of Form 4 with design recommendation, if required, must be submitted with the development application.

**Please contact the Alpine Resorts Team in Jindabyne for further information - phone 02 6456 1733.**

To complete this form, please place a cross in the appropriate boxes ☐ and complete all sections.

### 1. Declaration made by geotechnical engineer or engineering geologist in relation to a nil or minimal geotechnical impact assessment and site classification

I,  
 Mr ☒ Ms ☐ Mrs ☐ Dr ☐ Other

First Name	Family Name
Mark	Bartel

OF  
 Company/organisation

certify that I am a geotechnical engineer /engineering geologist as defined by the “Policy” and I have inspected the site and reviewed the proposed development known as

As a result of my site inspection and review of the following documentation

(List of documentation reviewed)

Snowmaking Upgrades: Fan Guns - Lower Supertrail, by Kosciuszko Thredbo Pty Ltd, rev B, 15/05/2024
Fan Gun Plan, by York International, ref: 218739.dwg
Lance Gun Footing, by Kosciuszko Thredbo Pty Ltd, rev 1, 14/06/2024
Lance Gun Specifications, by Technoalpin, version 2023, model TL8
Snowmaking Laterals Connection, by Kosciuszko Thredbo Pty Ltd, rev 1, 15/03/2023
Snowmaking Pit Cross Section, by Kosciuszko Thredbo Pty Ltd, rev 0, 15/03/2024

I have determined that;

- ☒ the current load-bearing capacity of the existing building will not be exceeded or adversely impacted by the proposed development, and
- ☒ the proposed works are of such a minor nature that the requirement for geotechnical advice in the form of a geotechnical report, prepared in accordance with the "Policy", is considered unnecessary for the adequate and safe design of the structural elements to be incorporated into the new works, and
- ☒ in accordance with AS 2870.1 Residential Slabs and Footings, the site is to be classified as a type  
(insert classification type)

Class P

- ☒ I have attached design recommendations to be incorporated in the structural design in accordance with this site classification. [Refer to report 7328-R2 dated 1 August 2023.](#)

I am aware that this declaration shall be used by the Department as an essential component in granting development consent for a structure to be erected within the "G" line area (as identified on the geotechnical maps) of Kosciuszko Alpine Resorts without requiring the submission of a geotechnical report in support of the development application.

## 2. Signatures

Signature

*Mark Bartel*

Chartered professional status

CPEng 35641 NER (Civil)

Name

Mark Bartel

Date

24 July 2024

## 3. Contact details

### Alpine Resorts Team

Shop 5A, 19 Snowy River Avenue

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Facsimile: 02 6456 1736

Email: [alpineresorts@planning.nsw.gov.au](mailto:alpineresorts@planning.nsw.gov.au)

## Modification Works

Works subject to the Mod, include:

- replacement of existing hydrant with snowmaking pit and lance gun (hydrant between guns 615 and 701),
- additional trenching for snowmaking laterals, and
- increasing the construction corridor to cover the entire disturbed ski slope to allow for works to respond to unforeseen circumstances during construction e.g. unknown underground services locations.

## Recommendations

*Recommendations in our report 7238-R2 dated 1 August 2023 are applicable to the above mentioned modification works. This is on the proviso that increasing the construction corridor is for responding to unknown circumstances as noted above, and not for large scale slope disturbance across the entire disturbed ski slope.*