

# Conservation Action Plan

## Max Mueller's burr-daisy (*Calotis pubescens*)

This plan has been prepared in accordance with the requirements of s.78C of the National Parks and Wildlife Regulation 2019 (Reg.) in relation to an Asset of Intergenerational Significance (AIS) as declared under s.153G of the *National Parks and Wildlife Act 1974*.

### Site details

AIS site	AIS-E0-017, AIS-E0-019, AIS-E0-020, AIS-E0-021
Site location	An area of 3673 hectares in Kosciuszko National Park
NPWS contact	Team Leader – Conservation, Southern Ranges Branch

### Environmental values

This table sets out the environmental values for which the land was listed as an AIS (Reg. 78C(3)(a)).

Identified value(s)	Value description
Important habitat for Max Mueller's burr-daisy	The endangered Max Mueller's burr-daisy is a perennial herb with thick and fleshy underground stems and mauve or white flower heads. The species grows on subalpine treeless plains in herb-rich grassland, that are not subject to periodic inundation.

### Key risks to environmental values

This table sets out the key risks to the environmental values of the land (Reg. 78C(3)(b)).

Key risk(s)	Description
Weeds	Habitat degradation and competition through invasion, establishment, intensification and spread of weeds (e.g., ox-eye daisy) to the extent that recruitment or establishment of plants is impaired.
Feral herbivores	Damage to individual plants and degradation of Max Mueller's burr-daisy habitat by introduced herbivores, such as deer, rabbits, and horses, through grazing, trampling, digging, wallowing and spread of weeds.
Feral pigs	Damage to individual plants and degradation of Max Mueller's burr-daisy habitat by feral pigs through grazing, trampling, digging, wallowing and spread of weeds.

## Conservation activities

This table sets out the conservation activities required to:

1. Control, abate or mitigate the key risks and
2. maintain, restore and remediate the environmental values of the land (Reg. 78C(3)(c)).

Key risk(s)	Impacted site(s)	Conservation activities
Weeds	All sites	<ul style="list-style-type: none"><li>• Remove weed species to the extent required to ensure weeds do not have a negative impact on Max Mueller's burr-daisy, by targeted application of physical, biological and/or chemical weed control.</li></ul>
Feral herbivores	All sites	<ul style="list-style-type: none"><li>• To the extent practicable, reduce feral deer and rabbit densities to levels that are not having an ecologically significant impact on the Max Mueller's burr-daisy, and maintain the density at or below those levels, by trapping, baiting, shooting and other approved integrated control measures.</li><li>• To the extent practicable, reduce the density of feral horses to a level that is not having an ecologically significant impact on the Max Mueller's burr-daisy, by trapping, mustering and removal, and ground shooting in accordance with a wild horse plan of management approved by the Secretary.</li></ul>
Feral pigs	All sites	<ul style="list-style-type: none"><li>• To the extent practicable, reduce the density of feral pigs to a level that is not having an ecologically significant impact on the Max Mueller's burr-daisy, and maintain the density at or below that level, by trapping, baiting and shooting.</li></ul>

## Other land management activities

Within the declared land there are existing assets and infrastructure of NPWS and other external service providers, including public utilities.

Maintenance operations (including inspection, emergency works and routine and standard maintenance) that are exempt development in accordance with the Environmental Planning and Assessment Act 1979, and which are performed on and around existing assets and infrastructure, are authorised under this conservation action plan (CAP) provided such operations are undertaken in a manner that aims to minimise the risk to the declared environmental values of the land and with any other required consents or approvals.

All maintenance operations on the declared land are to be undertaken in accordance with this CAP.

## Measuring and reporting

This table sets out the requirements for measuring and reporting on health and condition (Reg. 78C(3)(d)).

Attribute	Metric	Method
Health and condition of the Max Mueller's burr-daisy population	Population estimate	Design and implement annually, monitoring to generate an estimate of the number of individuals in the population.

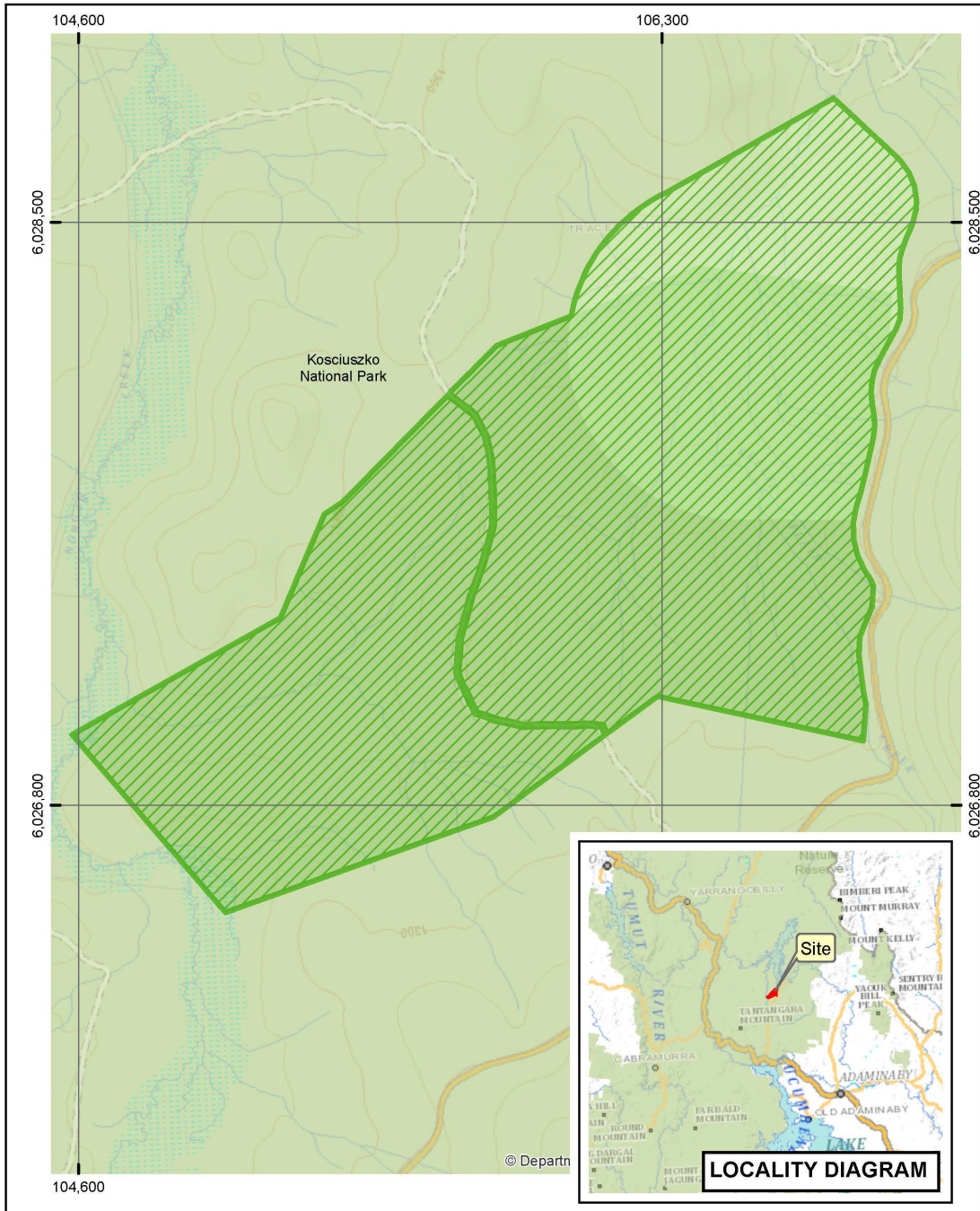
A report on the health and condition of the value for which this AIS was declared will be prepared and published on the Department of Planning and Environment website: [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au). The report will summarise the baseline and current health and condition of the values of the declared land and its overall trajectory.

## Evaluation of conservation action plans

This CAP will be amended or replaced as new information becomes available that helps improve our management of the identified assets (Reg. 78H).

The Secretary must appoint a scientist, or a panel of scientists, to conduct a review, as soon as possible after the period of five years from the first approval of a CAP, to examine whether CAPs have been effectively implemented (Reg. 78J(1)).

Max Mueller's burr-daisy (*Calotis pubescens*)  
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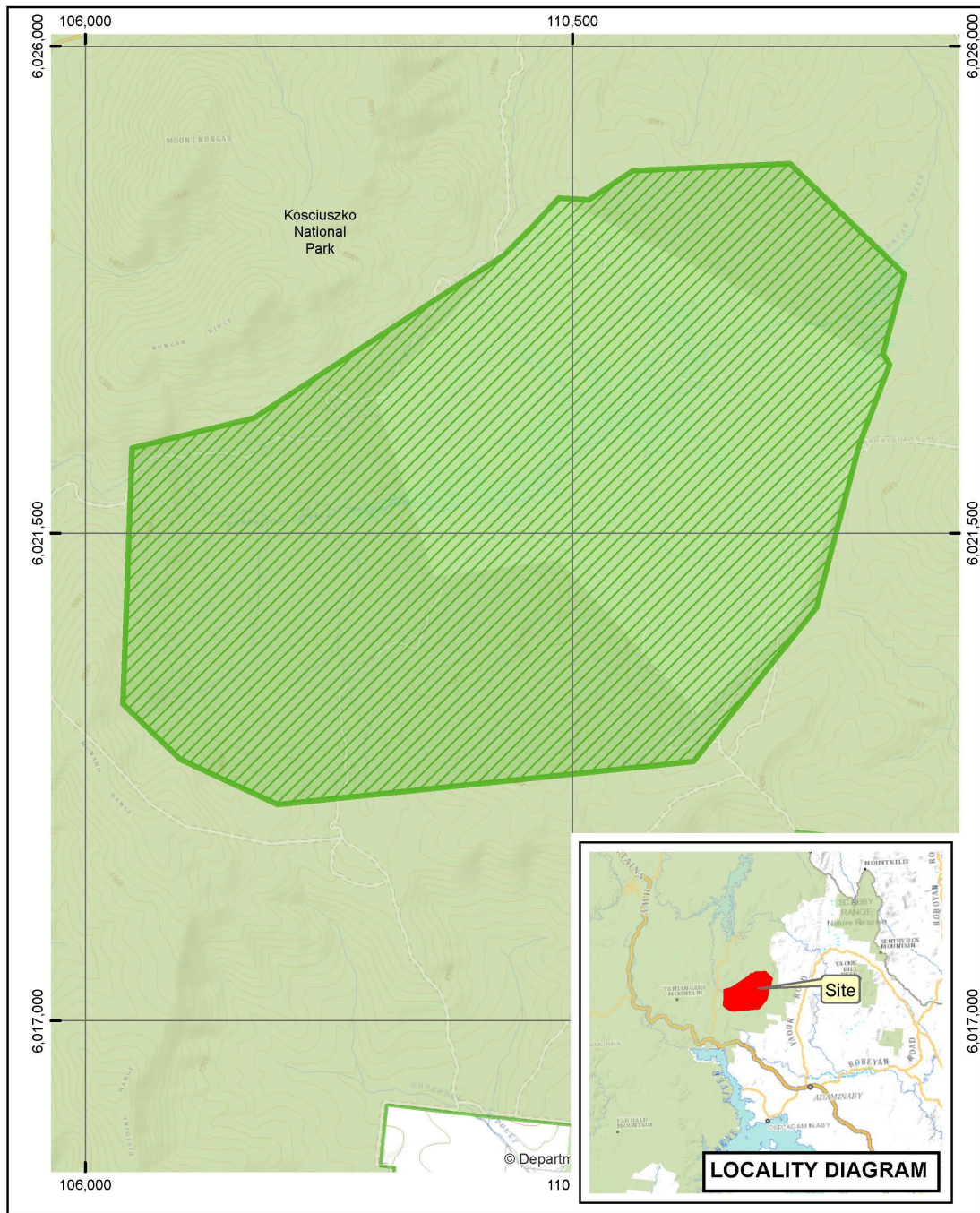
Legend	
	Declared Land
	Clover glycine ( <i>Glycine latrobeana</i> )
	Max Mueller's burr-daisy ( <i>Calotis pubescens</i> )
	NPWS Estate

**AIS-E0-017**  
**Asset of Intergenerational Significance**  
**Clover glycine (*Glycine latrobeana*)**  
**and Max Mueller's burr-daisy**  
**(*Calotis pubescens*)**  
**Kosciuszko National Park**

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Max Mueller's burr-daisy (*Calotis pubescens*)  
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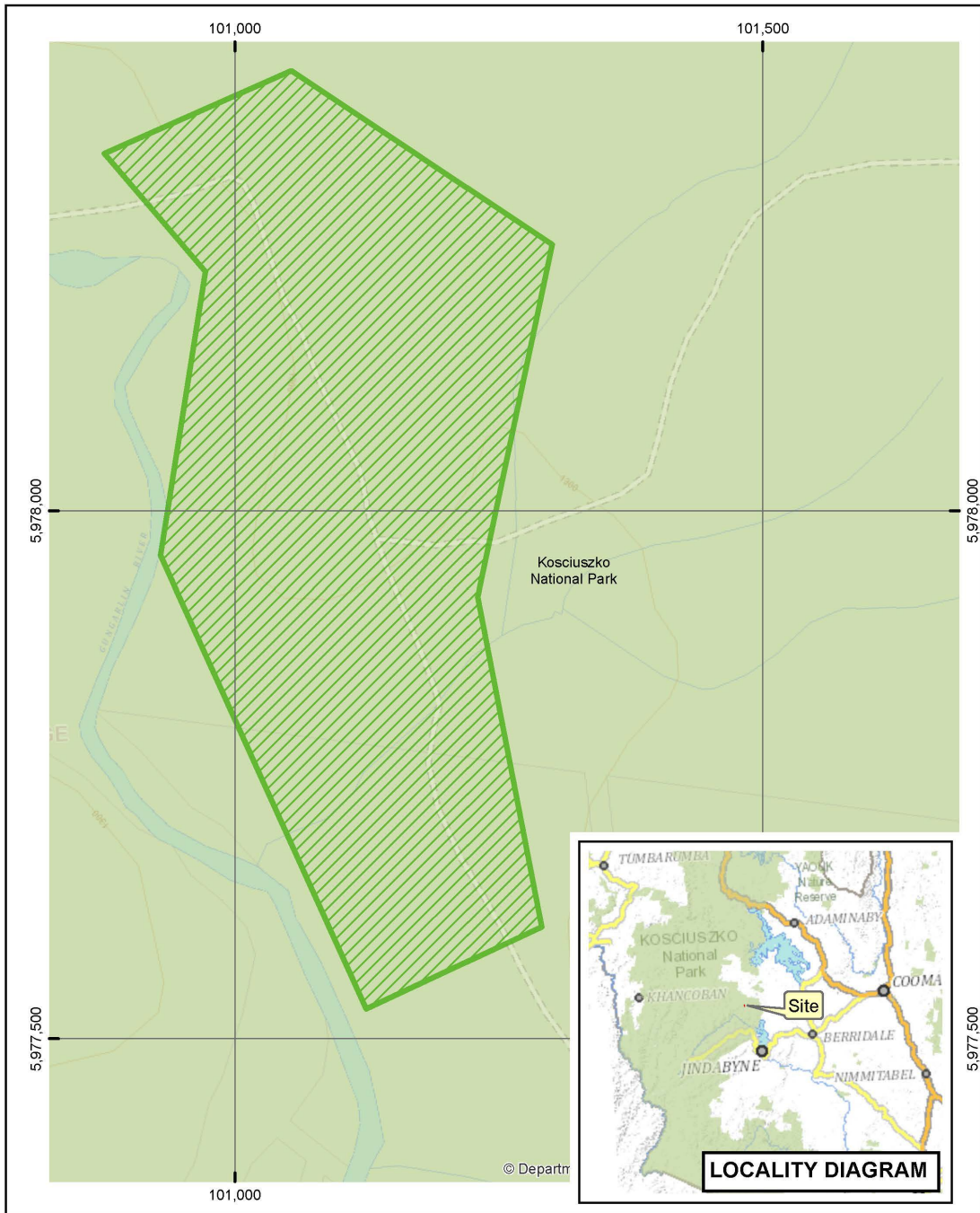
Legend	
	Declared Land
	Alpine she-oak skink ( <i>Cyclodomorphus praealtus</i> )
	Max Mueller's burr-daisy ( <i>Calotis pubescens</i> )
	NPWS Estate

**AIS-E0-019**  
**Asset of Intergenerational Significance**  
**Alpine she-oak skink (*Cyclodomorphus praealtus*) and Max Mueller's burr-daisy (*Calotis pubescens*)**  
**Kosciuszko National Park**



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Max Mueller's burr-daisy (*Calotis pubescens*)  
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**Legend**


-  Declared Land
-  NPWS Estate

**AIS-E0-020**  
**Asset of**  
**Intergenerational Significance**  
**Max Mueller's burr-daisy**  
*(Calotis pubescens)*  
**Kosciuszko National Park**

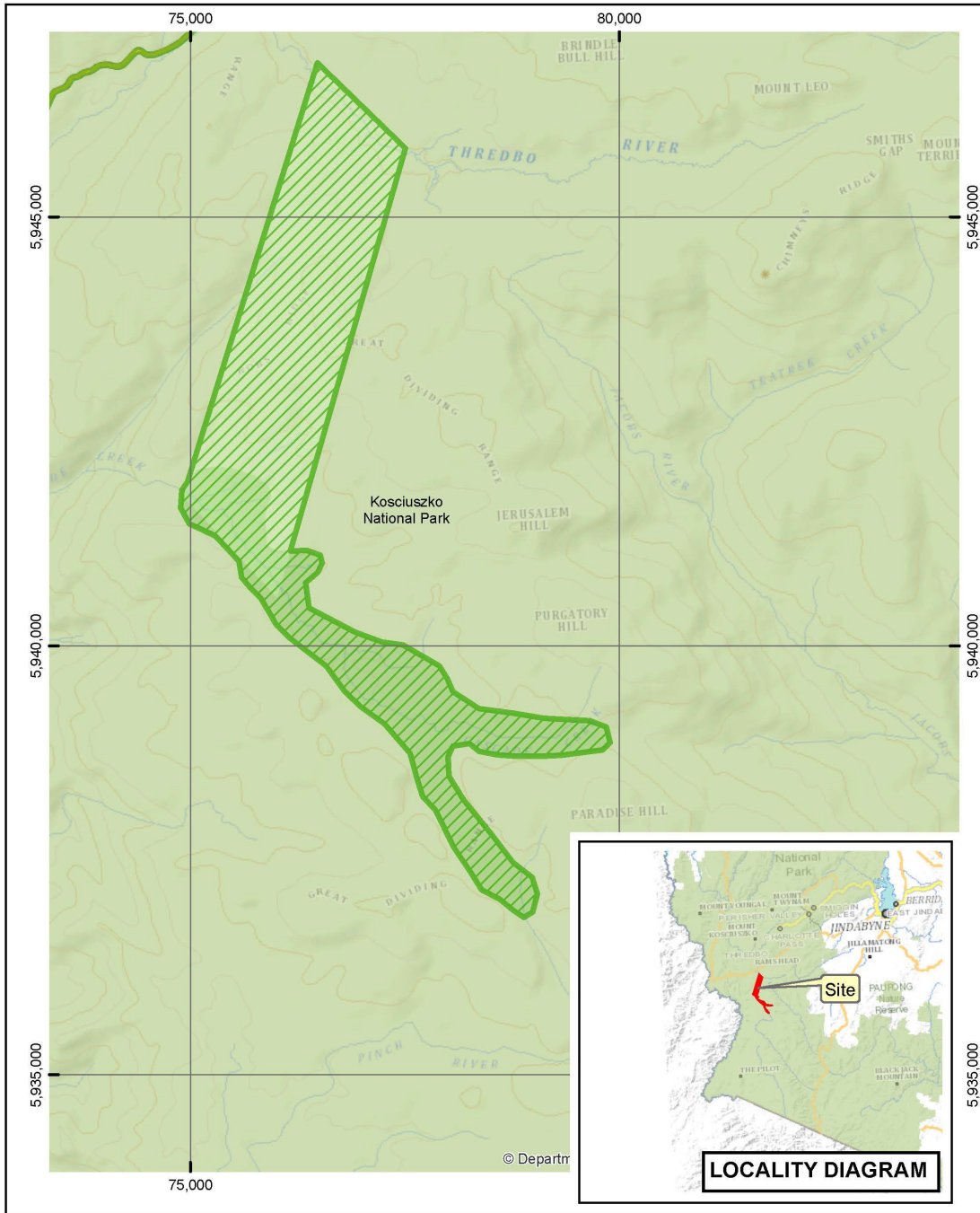
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**NSW**  
 GOVERNMENT



Max Mueller's burr-daisy (*Calotis pubescens*)  
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**Legend**

- Declared Land
- Alpine she-oak skink (*Cyclodomorphus praealtus*)
- Max Mueller's burr-daisy (*Calotis pubescens*)
- NPWS Estate

**AIS-E0-021**  
**Asset of Intergenerational Significance**  
**Alpine she-oak skink**  
**(*Cyclodomorphus praealtus*)**  
**and Max Mueller's burr-daisy**  
**(*Calotis pubescens*)**  
**Kosciuszko National Park**

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Max Mueller's burr-daisy (*Calotis pubescens*)  
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Date prepared      March 2023

Date approved      June 2023

Approved by      Atticus Fleming, Acting Coordinator General, Environment and Heritage Group

Due for review      June 2028

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