

# Conservation Action Plan

## Austral pipewort (*Eriocaulon australasicum*)

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-E0-249, AIS-E0-250, AIS-E0-251, AIS-E0-252, AIS-E0-253, AIS-E0-254, AIS-E0-255, AIS-E0-256, AIS-E0-257
Site location	An area of 6 hectares in Pilliga CCA Zone 1 National Park An area of 5 hectares in Pilliga CCA Zone 3 State Conservation Area
NPWS contact	Assistant Project Officer - Threatened Species, Northern Inland 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 austral pipewort	The endangered austral pipewort is a small, tufted herb that grows in the mud of ephemeral water bodies. The species produces spherical flowerheads, 3-4 millimetres in diameter on ribbed leafless stalks. The wetlands in this park support the most important habitat for this species.

### 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
Feral pigs	Damage to individual plants, and degradation of habitat, by feral pigs through browsing, trampling, wallowing and rooting may lead to a decline of austral pipewort at the sites.
Disturbance	Inappropriate disturbance frequency and visitor use that limits regeneration of austral pipewort may lead to population decline at the sites. This risk is exacerbated by the lack of knowledge of this species at the sites.

### 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
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 austral pipewort, and maintain the density at or below that level, by trapping, baiting and shooting.</li> </ul>
Disturbance	All sites	<ul style="list-style-type: none"> <li>• Undertake periodic reviews to identify whether visitor use is having an adverse impact on austral pipewort. If adverse impacts are observed implement actions to mitigate the impacts. This may include:               <ul style="list-style-type: none"> <li>- upgrade and/or realignment of trails to avoid known habitat</li> <li>- installation of barriers or other suitable protective structures around habitat to minimise impacts from authorised and unauthorised visitor use.</li> <li>- rehabilitation of areas affected by unauthorised tracks</li> <li>- installation of signs and threatened species marker posts or barriers to delineate sites and minimise impacts from visitor use.</li> </ul> </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 austral pipewort population	Population count	Design and implement monitoring to generate a count of the number of plants in the austral pipewort population, following inundation of habitat and/or when suitable growing conditions occur.

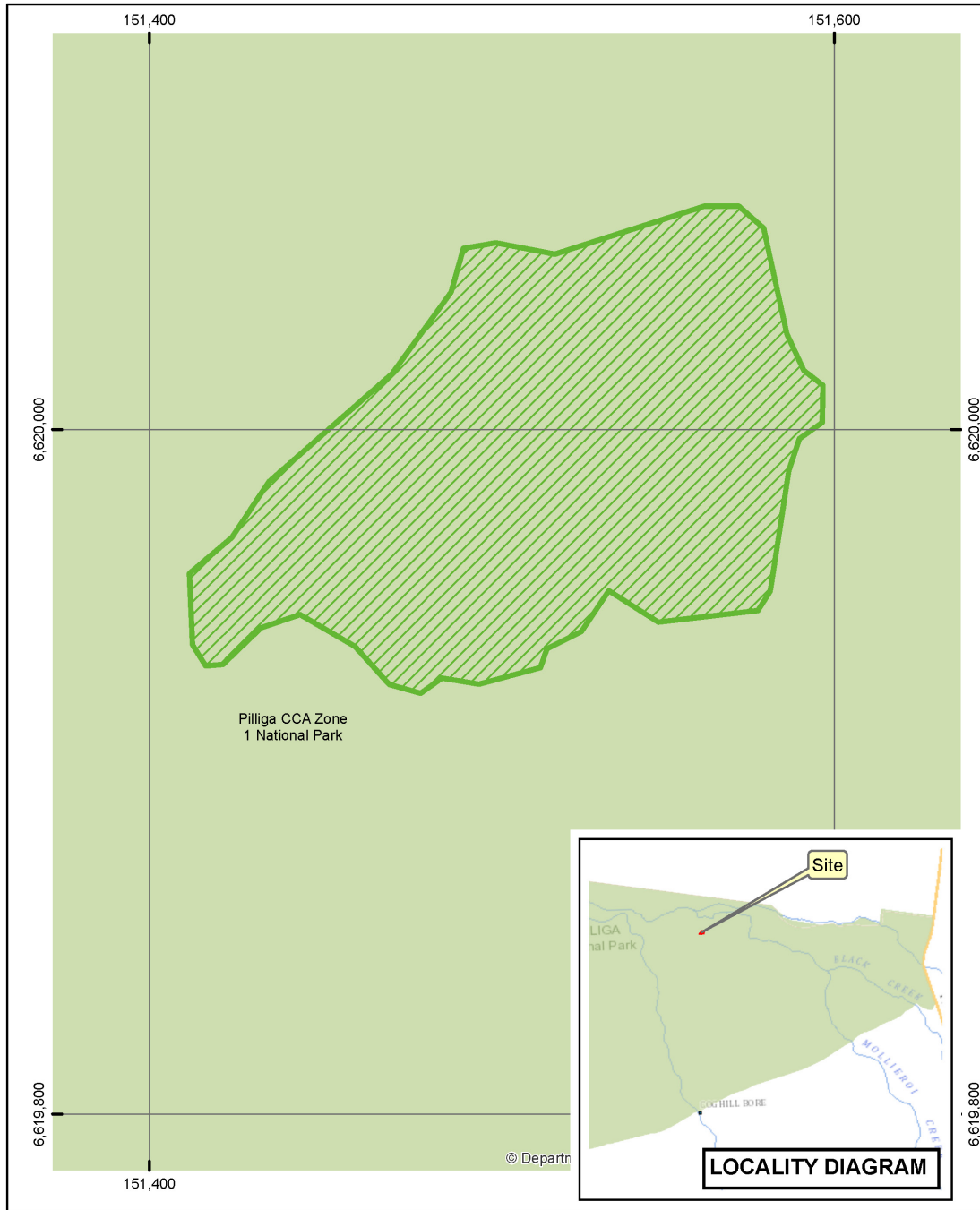
A report on the health and condition of the value for which this AIS was declared will be prepared and published on the Department of Planning and Environment website: [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au). The report will summarise the baseline and current health and condition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

Austral pipewort (*Eriocaulon australasicum*)  
Conservation Action Plan





**Legend**

-  Declared Land
-  NPWS Estate

**AIS-E0-249**  
Asset of  
Intergenerational Significance  
Austral pipewort  
(*Eriocaulon australasicum*)  
Pilliga CCA Zone 1 National Park

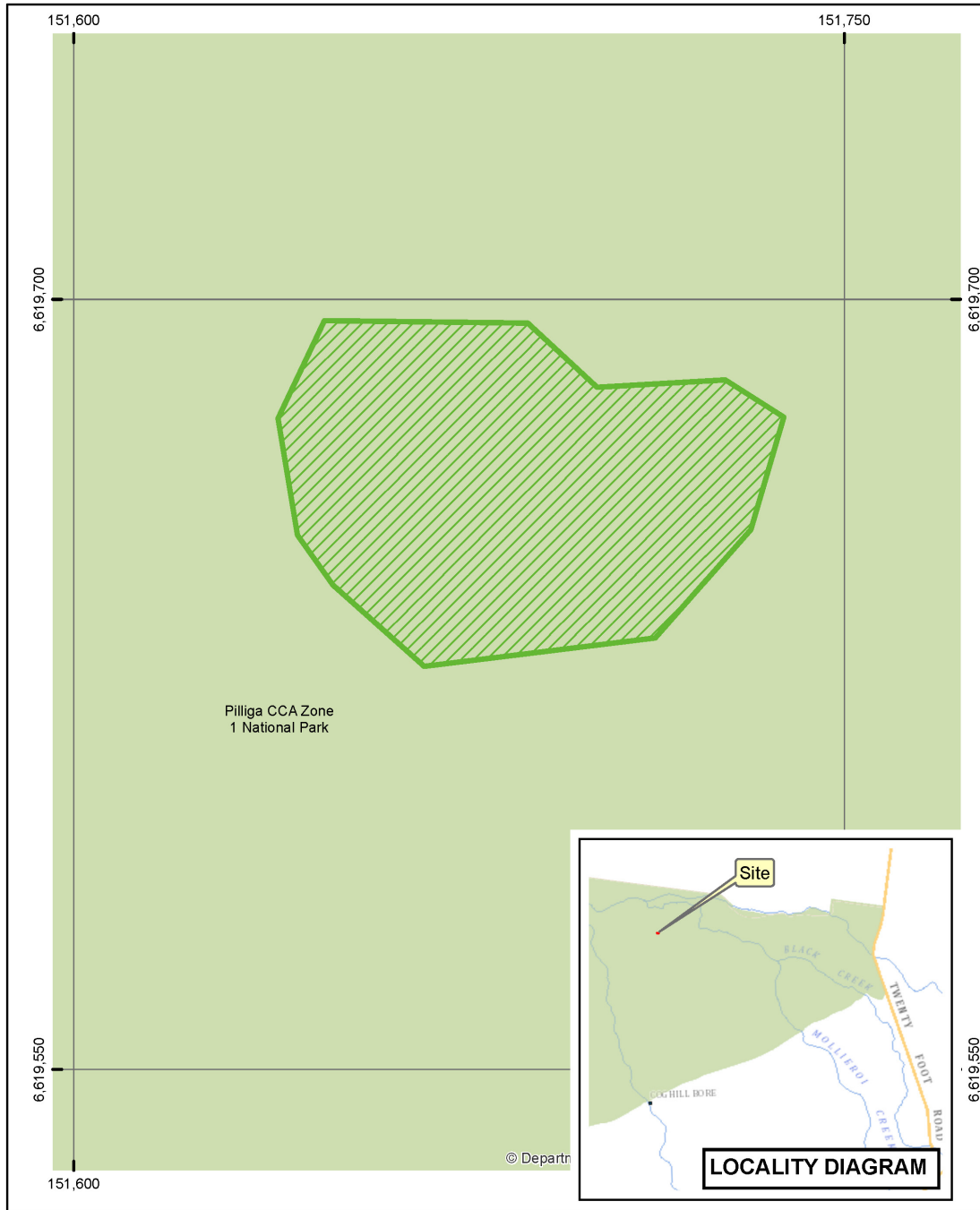
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km








Austral pipewort (*Eriocaulon australasicum*)  
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**Legend**


-  Declared Land
-  NPWS Estate

**AIS-E0-250**  
Asset of  
Intergenerational Significance  
Austral pipewort  
(*Eriocaulon australasicum*)  
Pilliga CCA Zone 1 National Park

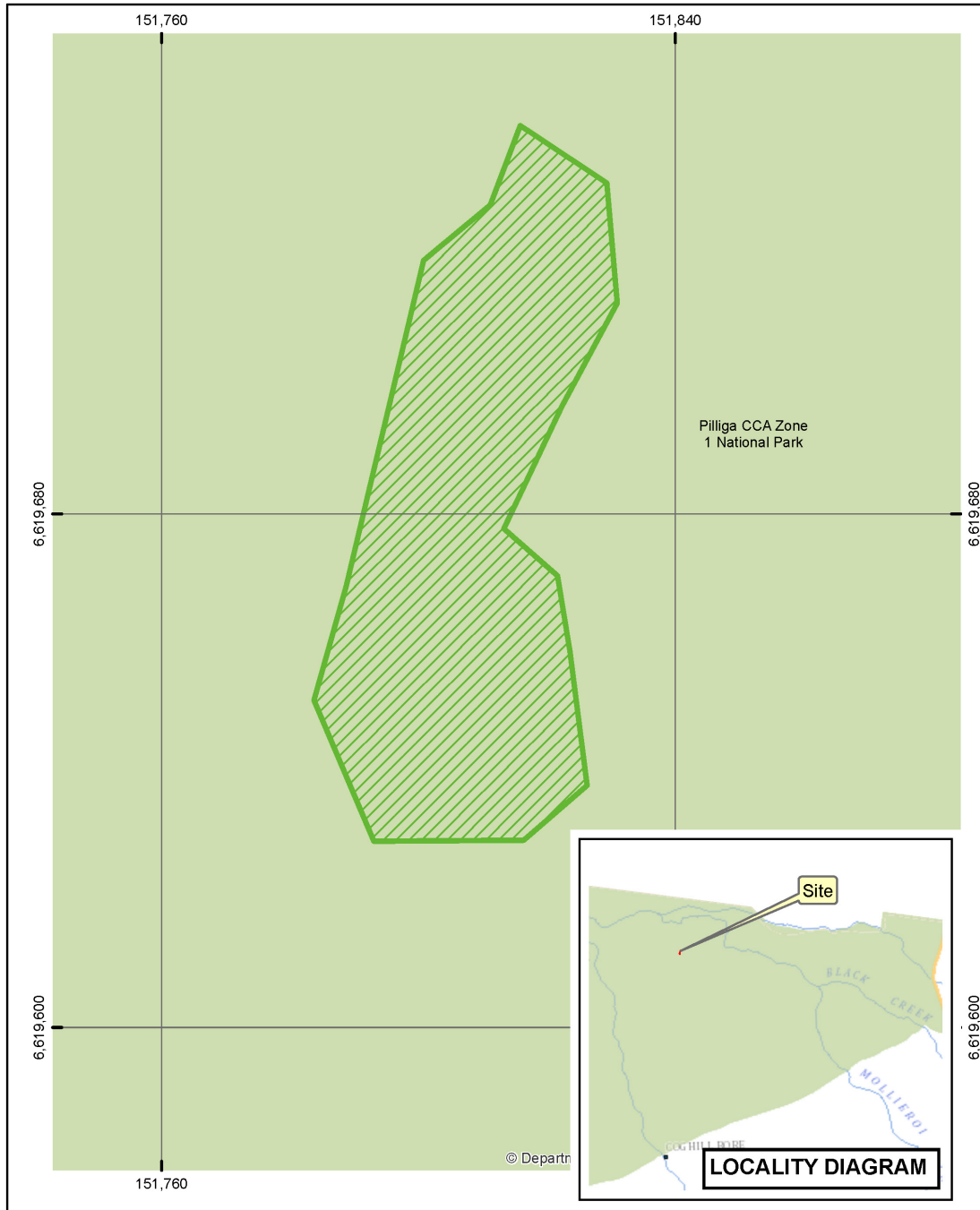
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km



  
**NSW**  
GOVERNMENT



Austral pipewort (*Eriocaulon australasicum*)  
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**Legend**


-  Declared Land
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**AIS-E0-251**  
Asset of  
Intergenerational Significance  
Austral pipewort  
(*Eriocaulon australasicum*)  
Pilliga CCA Zone 1 National Park

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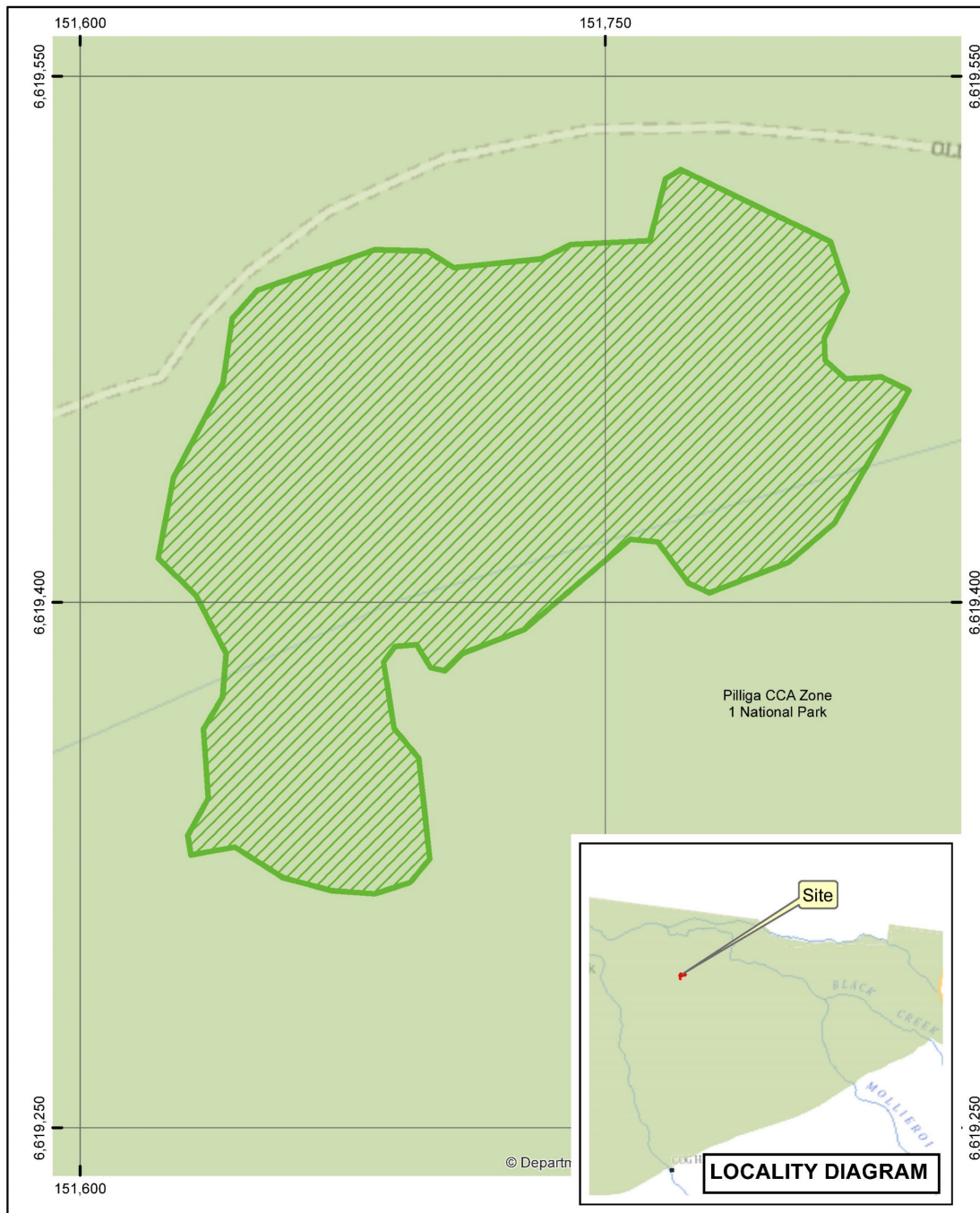
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NSW  
GOVERNMENT



Austral pipewort (*Eriocaulon australasicum*)  
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**Legend**

-  Declared Land
-  NPWS Estate

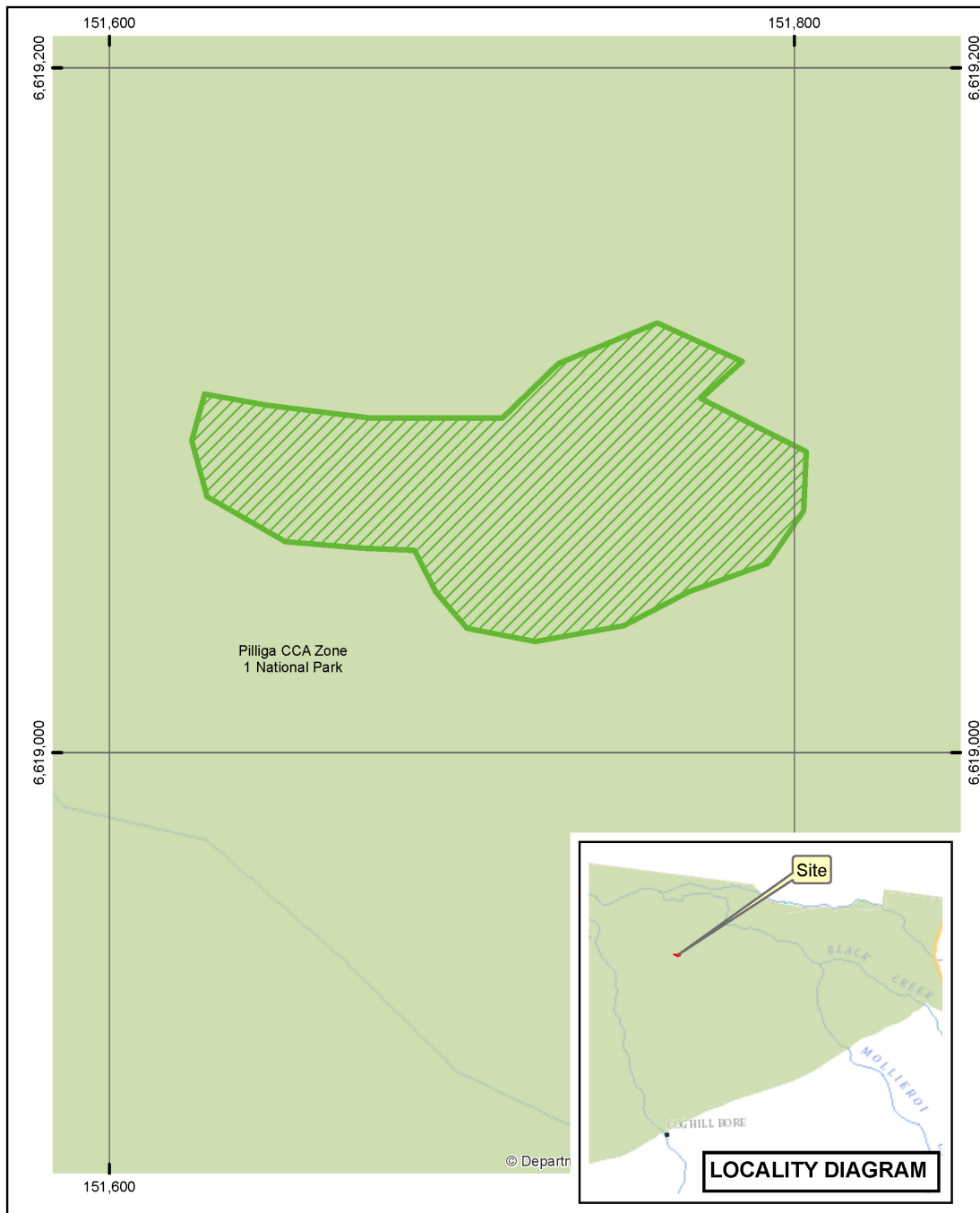
**AIS-E0-252**  
**Asset of Intergenerational Significance**  
**Austral pipewort**  
*(Eriocaulon australasicum)*  
**Pilliga CCA Zone 1 National Park**

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Austral pipewort (*Eriocaulon australasicum*)  
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**Legend**

-  Declared Land
-  NPWS Estate

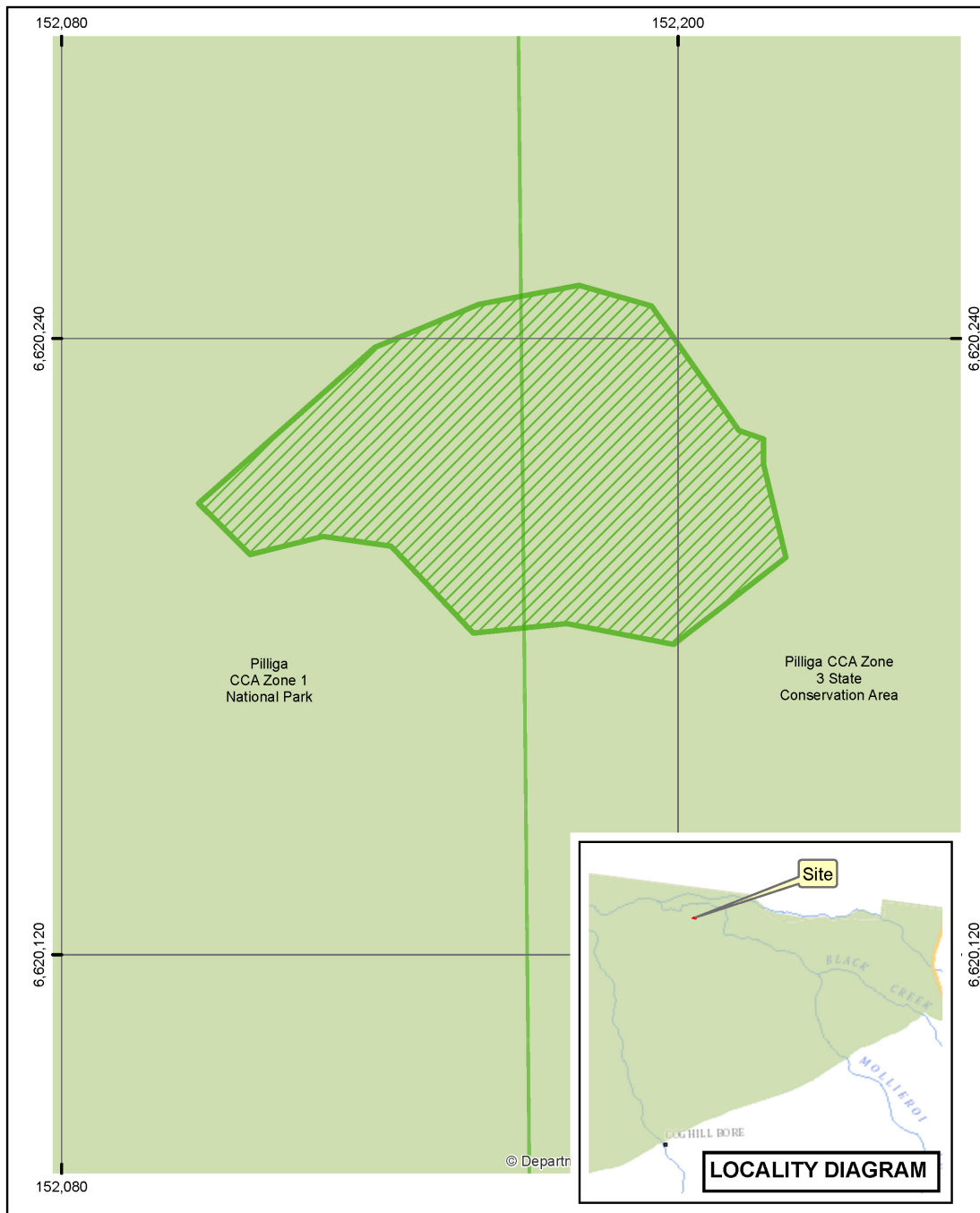
**AIS-E0-253**  
Asset of  
Intergenerational Significance  
Austral pipewort  
(*Eriocaulon australasicum*)  
Pilliga CCA Zone 1 National Park

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km

Austral pipewort (*Eriocaulon australasicum*)  
Conservation Action Plan



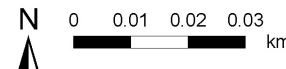
**Legend**



-  Declared Land
-  NPWS Estate

**AIS-E0-254**  
Asset of  
Intergenerational Significance  
Austral pipewort  
(*Eriocaulon australasicum*)  
Pilliga CCA Zone 1 National Park and  
Pilliga CCA Zone 3 State Conservation Area

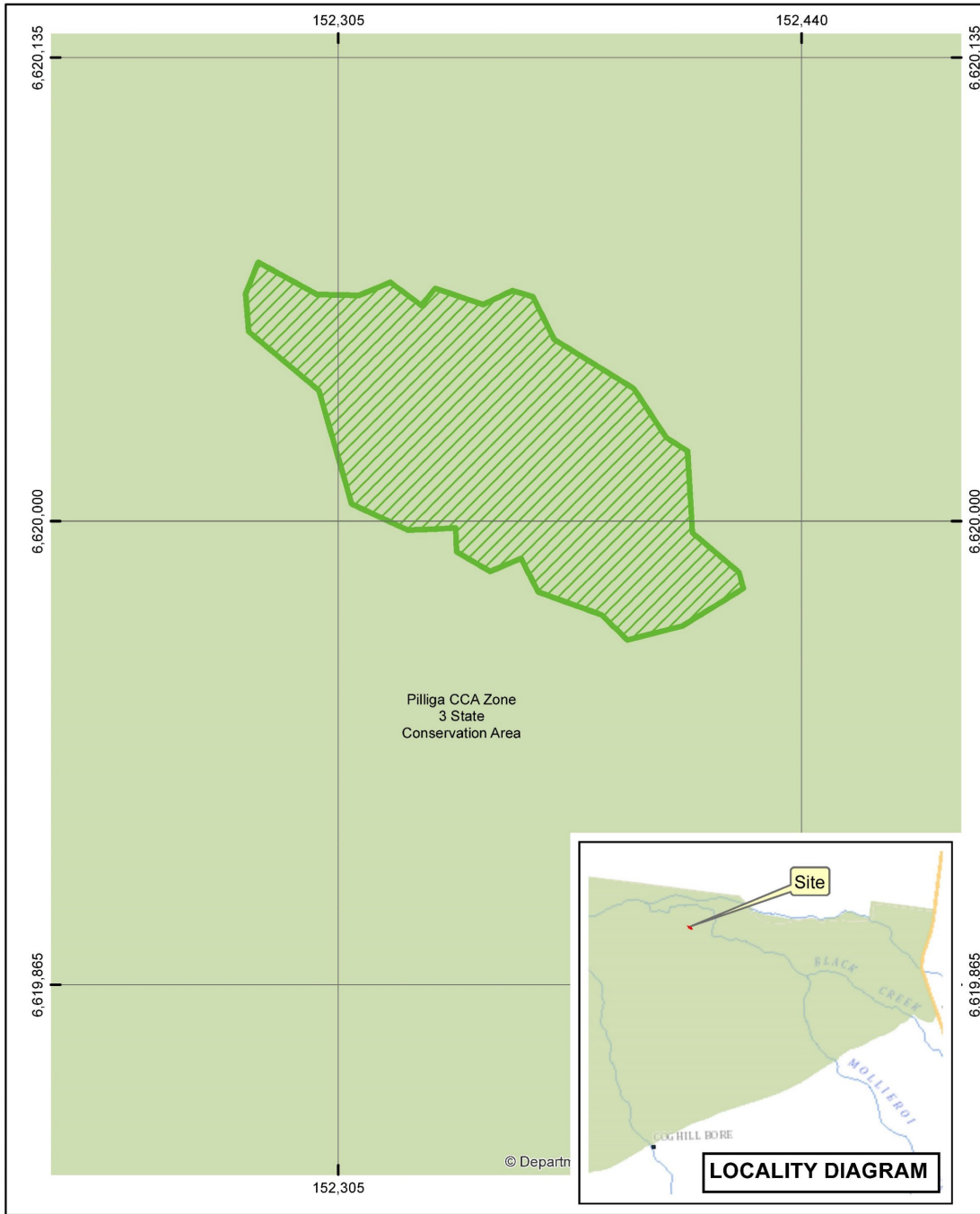
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N 0 0.01 0.02 0.03 km



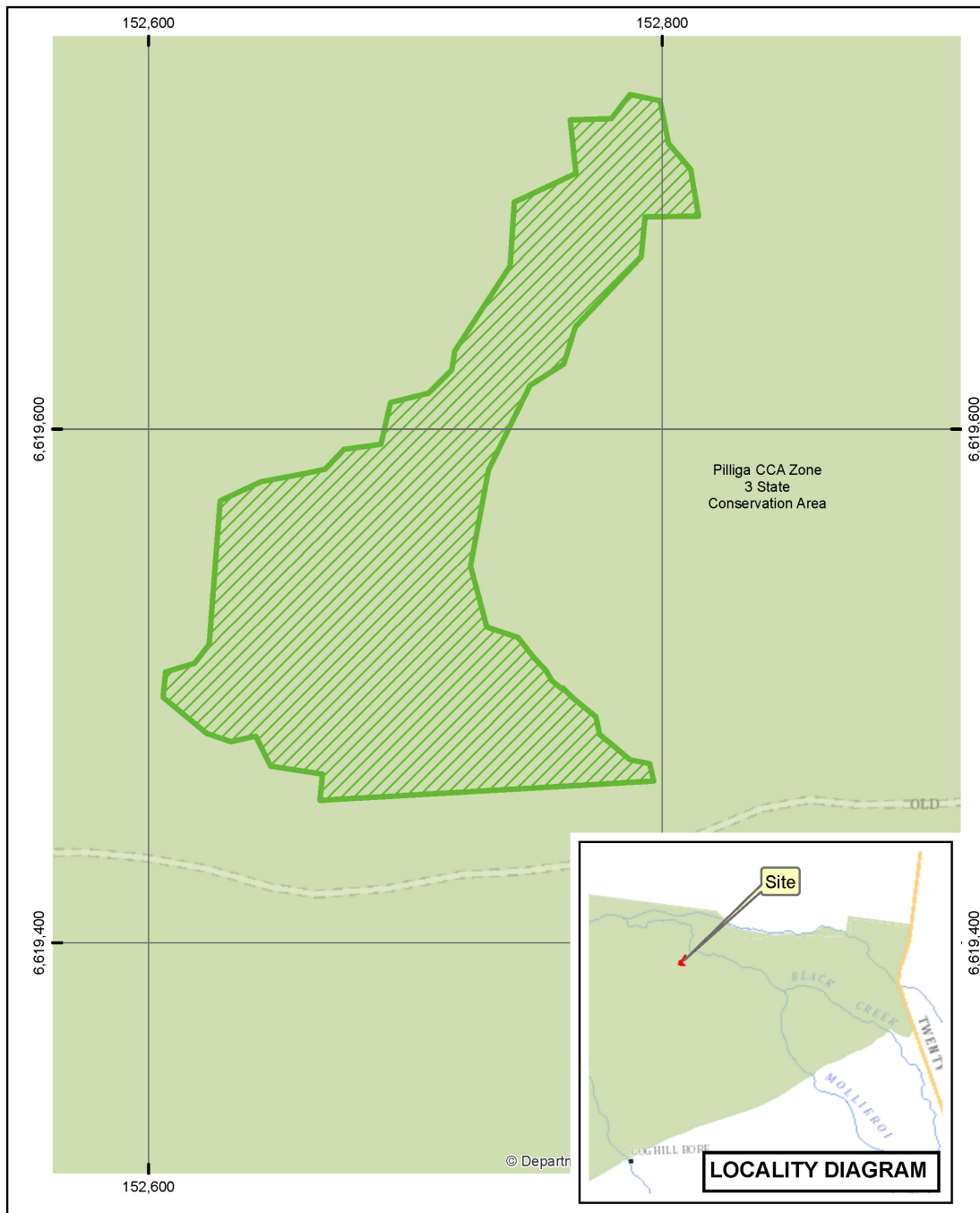
Austral pipewort (*Eriocaulon australasicum*)  
Conservation Action Plan





<p><b>Legend</b></p> <ul style="list-style-type: none"> <li> Declared Land</li> <li> NPWS Estate</li> </ul>	<p><b>AIS-E0-255</b>  <b>Asset of Intergenerational Significance</b>  <b>Austral pipewort</b>  <i>(Eriocaulon australasicum)</i>  <b>Pilliga CCA Zone 3</b>  <b>State Conservation Area</b></p> <p><small>Copyright of Department of Planning Industry and Environment.  This map is not guaranteed to be free from error or omission. The Department and its employees disclaim liability for any act done or the information in the map and any consequences of such acts or omissions.</small></p>	<p>N</p> <p>0 0.02 0.04 km</p>
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Austral pipewort (*Eriocaulon australasicum*)  
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**Legend**

-  Declared Land
-  NPWS Estate

**AIS-E0-257**  
**Asset of Intergenerational Significance**  
**Austral pipewort**  
*(Eriocaulon australasicum)*  
**Pilliga CCA Zone 3**  
**State Conservation Area**

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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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ISBN 978-1-923018-10-5; EHG2023/0122; July 2023.