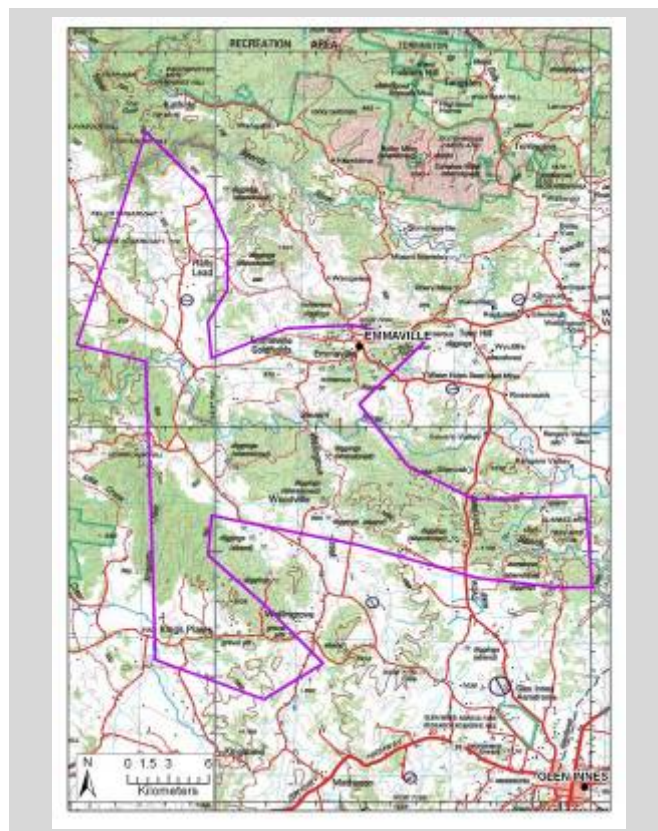


Severn River Volcanics

MAINLAND ISLAND CHARACTERISTICS

Jurisdiction	New South Wales
NRM Region	Border Rivers/Gwydir
LGAs	Glen Innes Severn Shire Inverell
Size	47,000 hectares
Dominant Type	Eucalypt open forests
Land Tenure	Agriculture
Surrounding Issues	Land use Pest density



Overall Priority	Conservation Value	Threat Status
Very High	High	Very High

Key Biodiversity Values

Key biodiversity and conservation values of SEVERN RIVER VOLCANICS

- 21 threatened species
- 2 threatened communities
- 6 migratory species
- Very high species richness
- Very high endemism
- Native vegetation present
- Vertebrate pest species present

CONSERVATION VALUE

Categories	Ranks/Scores
1 Biodiversity values	Very High (12)
2 Uniqueness	High (3)
3 Representativeness	Medium (2)
4 Adjacency	Very High (4)
5 Area to perimeter ratio	Medium (2)

THREAT STATUS

Categories	Ranks/Scores
1 Density of pest species	Very High (8)
2 Pest impact level	Very High (8)
3 Invasion fronts/range boundaries	Medium (2)
4 Land use risk	Very High (5)
5 Weed density	Medium (2)
6 Area without statutory protection	Very High (4)



Key Threats and Impacts

Pest Species Present or Potentially Present

<input type="checkbox"/>	Cane toad	<input checked="" type="checkbox"/>	Feral cat	<input checked="" type="checkbox"/>	Feral pig	<input checked="" type="checkbox"/>	Rodents
<input checked="" type="checkbox"/>	Carp, European carp	<input checked="" type="checkbox"/>	Feral deer	<input type="checkbox"/>	Feral water buffalo	<input type="checkbox"/>	Tilapia, Mozambique Tilapia
<input checked="" type="checkbox"/>	European red fox	<input checked="" type="checkbox"/>	Feral donkey	<input checked="" type="checkbox"/>	Indian Myna, Common Myna	<input type="checkbox"/>	Weather loach; Oriental weather loach
<input checked="" type="checkbox"/>	European wild rabbit	<input checked="" type="checkbox"/>	Feral goat	<input checked="" type="checkbox"/>	Mosquito fish, Plague Minnow	<input checked="" type="checkbox"/>	Wild dog
<input type="checkbox"/>	Feral camel	<input checked="" type="checkbox"/>	Feral horse	<input checked="" type="checkbox"/>	Red-eared slider turtle	<input type="checkbox"/>	Other

Potential impacts of pest species on matters of National Environmental Significance

Feral cat <i>Apus pacificus</i> <i>Potorous tridactylus tridactylus</i> <i>Petrogale penicillata</i> <i>Underwoodisaurus sphyrurus</i>		Mosquito fish, Plague Minnow <i>Litoria booroolongensis</i>	
Feral goat <i>Astrotricha roddii</i> <i>Petrogale penicillata</i> <i>Boronia granitica</i> <i>Underwoodisaurus sphyrurus</i>		Carp, European carp <i>Litoria booroolongensis</i>	
Wild dog <i>Merops ornatus</i> <i>Potorous tridactylus tridactylus</i> <i>Petrogale penicillata</i>		Feral pig <i>Astrotricha roddii</i> <i>Diuris sheaffiana</i> <i>Diuris pedunculata</i> White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	
European red fox <i>Gallinago hardwickii</i> <i>Potorous tridactylus tridactylus</i> <i>Merops ornatus</i> <i>Rostratula australis</i> <i>Petrogale penicillata</i> <i>Underwoodisaurus sphyrurus</i>		European wild rabbit <i>Dichanthium setosum</i> <i>Poephila cincta cincta</i> <i>Diuris sheaffiana</i> <i>Rutidosis heterogama</i> <i>Eucalyptus mckieana</i> <i>Thesium australe</i> <i>Petrogale penicillata</i>	

Other threatening processes

- High risk land use
- Lack of statutory protection
- Increased potential for edge effects

Highest priority biodiversity issues

Pest impacts on *Petrogale penicillata*

Pest management actions identified in the recovery plan for *Boronia granitica*, and *Poephila cincta cincta*

