



# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 5512/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Anglo American Exploration (Australia) Pty Ltd

### 1.3. Property details

Property: Exploration Licence 69/2804  
Local Government Area: Shire of Ngaanyatjaraku  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
5.93		Mechanical Removal	Mineral Exploration

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 18 April 2013

## 2. Site Information

### 2.1. Existing environment and information

### 2.2. Existing environment and information

**Vegetation Description** Beard vegetation associations have been mapped for the whole of Western Australia and are useful to look at vegetation in a regional context. The following Beard vegetation association is located within the application area (GIS Database):

19: Low woodland; mulga between sandridges.

No vegetation surveys have been undertaken over the application area; therefore vegetation communities have not been described or mapped for this area in any further detail than Beard vegetation mapping.

**Clearing Description** Anglo American Exploration (Australia) Pty Ltd (Anglo) has applied to clear up to 5.93 hectares of native vegetation within a total application area of approximately 1,205 hectares for the purpose of mineral exploration. The clearing will comprise of 30 drill pads (approximately 1.8 hectares), drill line tracks (approximately 2.625 hectares) and an access track to the drilling area (approximately 1.505 hectares). The exploration activities are part of Anglo's exploration drilling program in the Musgraves area, approximately 640 kilometres north east of Laverton.

Vegetation will be cleared using mechanical equipment. Vegetation will be retained and disturbed areas will be rehabilitated.

**Vegetation Condition** Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery, 1994);

To:

Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994).

**Comment** The vegetation condition has been inferred from orthophotos, nearby clearing permits and historical land uses. Historical exploration activities and disturbances from feral camels may have degraded some parts of the application area to a 'very good' condition. Given the remoteness of the location and the limited mining activities in the area, it is likely that some of the application area is in 'excellent' condition.

## 3. Assessment of application against clearing principles

### (a) Native vegetation should not be cleared if it comprises a high level of biological diversity.

#### Comments Proposal may be at variance to this Principle

The application area occurs within the Mann-Musgrave Block subregion of the Central Ranges Interim Biogeographic Regionalisation of Australia (IBRA) bioregion (GIS Database). The subregion is comprised of a high proportion of Proterozoic ranges including both volcanic and quartzites and derived soil plains, interspersed with red Quaternary sandplains with some permian exposure (CALM, 2002). The sandplains support low open woodlands of either Desert Oak or Mulga over *Triodia basedowii* hummock grasslands. Low

open woodlands of Ironwood (*Acacia estrophiolata*) and Corkwoods (*Hakea* spp.) over tussock and hummock grasses often fringe the ranges. The ranges support mixed wattle scrub or *Callitris glaucophylla* woodlands over hummock and tussock grasslands (CALM, 2002).

Flora and vegetation surveys have not been undertaken over the application area. According to available databases there are no known records of Threatened Flora species, Threatened Ecological Communities or Priority Ecological Communities within the application area or within a 40 kilometre radius of the application area (DEC, 2013; GIS Database). Three Priority Flora species were recorded during a flora survey of an adjacent area for clearing permit CPS 4244/1 (DMP, 2011). Potential impacts to Priority flora as a result of the proposed clearing may be minimised by the implementation of a flora management condition.

The presence and abundance of weeds in the application area is currently unknown. Four weed species have been recorded within a 40 kilometre radius of the application area. These are Caltrop (*Tribulus terrestris*), Common Centaury (*Centaureum erythraea*), *Erodium aureum* and Spiked Malvastrum (*Malvastrum americanum*) (DEC, 2013). The presence of weed species has the potential to lower the biodiversity value of the application area. Care must be taken to ensure that the proposed clearing activities do not spread or introduce weed species to non-infested areas. Potential impacts to biodiversity as a result of the proposed clearing may be minimised by the implementation of a weed management condition.

A search of the Department of Conservation and Environment's (DEC's) NatureMap revealed records of 35 bird, two invertebrate, three mammal and 13 reptile species within a 40 kilometre radius of the centre of the application area (DEC, 2013). Due to the remote location and lack of studies there is limited information on the faunal assemblages expected in the Central Ranges region.

The shortage of biological survey data from the area, both supplied by the applicant and available from other sources, brings a level of uncertainty when assessing the level of biological diversity of the application area. However, the broad-scale vegetation type is common and widespread locally and the surrounding area is largely uncleared. Aerial imagery also suggests the widespread availability of similar vegetation communities and landforms, and the application area is not expected to support a higher biological diversity than the adjoining local or regional areas (GIS Database). Given the relatively small area proposed to be cleared (5.93 hectares), it is not likely that the proposed clearing will have any significance on biodiversity at a regional scale.

Based on the above, the proposed clearing may be at variance to this Principle.

**Methodology** CALM (2002)  
DEC (2013)  
DMP (2011)  
GIS Database:  
- Bates 1.25m Orthomosaic - Landgate 2002  
- Blackstone 1.25m Orthomosaic - Landgate 2002  
- Cooper 1.25m Orthomosaic - Landgate 2002  
- Dickenson 1.3m Orthomosaic - Landgate 2007  
- Finlayson 1.25m Orthomosaic - Landgate 2002  
- Gunbarrell 1.3m Orthomosaic - Landgate 2005  
- Holt 1.25m Orthomosaic - Landgate 02  
- IBRA WA (Regions - Subregions)  
- Pre-European Vegetation  
- Threatened and Priority Flora  
- Threatened Ecological Sites Buffered

**(b) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of, a significant habitat for fauna indigenous to Western Australia.**

**Comments Proposal may be at variance to this Principle**

No targeted fauna surveys were undertaken within the application area and the fauna habitats present within the application area have not been recorded.

The Beard vegetation type occurring within the application area (Beard vegetation association 19), is common and widespread (Government of Australia, 2011; GIS Database). It could therefore be expected that the main fauna habitats associated with this vegetation association are also common and occur outside of the application area. There are large areas of intact vegetation outside the application area (GIS Database) and the Central Ranges bioregion is largely uncleared, with approximately 99.97% of pre-European vegetation remaining (Government of Western Australia, 2011; GIS Database).

There are 22 fauna species listed as Threatened Species under the *Environment Protection and Biodiversity Conservation Act 1999* or specially protected under Western Australian legislation that are known from the Mann-Musgrave Block subregion (CALM, 2002; DEC, 2013). No systematic fauna surveys have been conducted in the Mann-Musgrave Block subregion and fauna survey data is sparse, confined to vertebrates, and mostly site specific (CALM, 2002). Therefore, data from a large search area is needed to predict the potential conservation significant fauna species occurring within the application area.

Many of the 22 conservation significant species are considered highly mobile and/or have a wide distribution so the clearing is unlikely to significantly impact on the species. Several of the species have specific habitat requirements that are not found within the application area. Other species are known mostly from historical records (DEC, 2013) and based on their current distribution the species are not expected to be in the application area or its surrounds. However, the Mulgara (*Dasyercus cristicauda* and *Dasyercus blythi*), Greater Bilby (*Macrotis lagotis*) and Great Desert Skink (*Liopholis kintorei*) are ground-dwelling Threatened or Priority fauna with limited dispersal abilities and are more likely to be impacted on by any development. All four species construct burrows that the animals live in during the day (Pavey, Cole and Woinarski, 2006; DEC, 2011). Therefore any core habitat, such as burrows, could be considered significant and should be avoided.

The area proposed to be cleared is small (5.93 hectares), spread over a large application area, and there are large amounts of uncleared vegetation in the Central Ranges. However, there is also very little biological knowledge of the region. Only limited fauna information is available for the Central Ranges and Musgraves area due to a lack of fauna surveys being completed in the remote region (CALM, 2002). The conservation values of the application area in regards to fauna, in particular conservation significant species, are uncertain and cannot be fully understood until on-ground fauna surveys are conducted. Potential impacts to conservation significant fauna as a result of the proposed clearing may be minimised by the implementation of a fauna management condition.

Based on the above, the proposed clearing may be at variance to this Principle.

**Methodology** CALM (2002)  
DEC (2011)  
DEC (2013)  
Government of Western Australia (2011)  
Pavey, Cole and Woinarski (2006)  
GIS Database:  
- Bates 1.25m Orthomosaic - Landgate 2002  
- Blackstone 1.25m Orthomosaic - Landgate 2002  
- Cooper 1.25m Orthomosaic - Landgate 2002  
- Dickenson 1.3m Orthomosaic - Landgate 2007  
- Finlayson 1.25m Orthomosaic - Landgate 2002  
- Gunbarrell 1.3m Orthomosaic - Landgate 2005  
- Holt 1.25m Orthomosaic - Landgate 02  
- IBRA WA (regions - subregions)  
- Pre-European Vegetation

**(c) Native vegetation should not be cleared if it includes, or is necessary for the continued existence of, rare flora.**

**Comments Proposal may be at variance to this Principle**

A flora survey has not been undertaken over the application area. According to available databases there are no known records of Threatened Flora within the application area, or within 20 kilometres of the application area (DEC, 2013; GIS Database).

The significance of the vegetation within the application area for the continued existence of Threatened Flora is difficult to ascertain with the limited information provided by the applicant and the general paucity of biological information in the bioregion. Potential impacts to Threatened Flora as a result of the proposed clearing may be minimised by the implementation of a flora management condition.

Based on the above, the proposed clearing may be at variance to this Principle.

**Methodology** DEC (2013)  
GIS Database:  
- Threatened and Priority Flora

**(d) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of a threatened ecological community.**

**Comments Proposal is not likely to be at variance to this Principle**

According to available databases, there are no known Threatened Ecological Communities within the application area or within 500 kilometres of the application area (GIS Database).

Based on the above, the proposed clearing is not likely to be at variance to this Principle.

**Methodology** GIS Database:  
- Threatened Ecological Sites Buffered

**(e) Native vegetation should not be cleared if it is significant as a remnant of native vegetation in an area that has been extensively cleared.**

**Comments Proposal is not at variance to this Principle**

The application area falls within the Central Ranges Interim Biogeographic Regionalisation for Australia (IBRA) bioregion in which approximately 99.97% of the pre-European vegetation remains (see table) (GIS Database, Government of Western Australia, 2011).

The vegetation of the application area has been mapped as the following Beard vegetation association (GIS Database):

19: Low woodland; mulga between sandridges.

Over 99.9% of Beard vegetation association 19 remains at both a state and bioregional level (Government of Western Australia, 2011). Therefore, the area proposed to be cleared does not represent a significant remnant of native vegetation within an area that has been extensively cleared.

	Pre-European Area (ha)*	Current Extent (ha)*	Remaining %*	Conservation Status**	Pre-European % in DEC Managed Lands
IBRA Bioregion – Central Ranges	4,701,520	4,700,200	~99.97	Least Concern	0.00
Beard Veg Assoc. – State					
19	4,385,295	4,384,250	~99.98	Least Concern	0.63
Beard Veg Assoc. – Bioregion					
19	902,251	902,170	~99.99	Least Concern	0.00

\* Government of Western Australia (2011)

\*\* Department of Natural Resources and Environment (2002)

Based on the above, the proposed clearing is not at variance to this Principle.

**Methodology** Department of Natural Resources and Environment (2002)  
Government of Western Australia (2011)  
GIS Database:  
- IBRA WA (Regions – Sub Regions)  
- Pre-European Vegetation

**(f) Native vegetation should not be cleared if it is growing in, or in association with, an environment associated with a watercourse or wetland.**

**Comments Proposal is not likely to be at variance to this Principle**

According to available databases, there are no watercourses or wetlands within the application area (GIS Database). The vegetation within the application area is not considered to be growing in association with any watercourse or wetland.

Based on the above, the proposed clearing is not likely to be at variance to this Principle.

**Methodology** GIS Database:  
- Hydrography, linear

**(g) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause appreciable land degradation.**

**Comments Proposal is not likely to be at variance to this Principle**

Anglo has applied to clear up to 5.93 hectares within an application area totalling approximately 1,205 hectares. Disturbance will be for access tracks and drill pads which will be rehabilitated following the completion of drilling (Anglo, 2013). The proposed clearing activities are not likely to result in large areas of disturbed or open land. Given the small size of the proposed activities, the clearing is not likely to result in appreciable land degradation.

Based on the above, the proposed clearing is not likely to be at variance to this Principle.

**Methodology** Anglo (2013)

**(h) Native vegetation should not be cleared if the clearing of the vegetation is likely to have an impact on the environmental values of any adjacent or nearby conservation area.**

**Comments Proposal is not likely to be at variance to this Principle**

The application area does not lie within any conservation areas or Department of Environment and Conservation managed lands (GIS Database). The nearest conservation reserve is Gibson Desert Nature Reserve, located approximately 175 kilometres west, north west of the application area (GIS Database). Based on the distance between the application area and the Gibson Desert Nature Reserve, the proposed clearing is not likely to impact the environmental values of any conservation area.

The application area occurs within the Ranges of the Western Desert Register of National Estate (GIS Database). According to the Australian Heritage Database (2013), the Ranges of the Western Desert cover approximately 8,016,568 hectares and are a system of ranges with many gorges and valleys. Despite the area being on the Register of National Estate for natural values, it is considered that the proposed clearing is low impact and of a small scale and will not significantly impact on the environmental values of the area.

Based on the above, the proposed clearing is not likely to be at variance to this Principle.

**Methodology** Australian Heritage Database (2013)  
GIS Database:  
- DEC Tenure  
- Register of National Estate

**(i) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause deterioration in the quality of surface or underground water.**

**Comments Proposal is not likely to be at variance to this Principle**

There are no watercourses or wetlands within the application area (GIS Database). The Central Ranges bioregion has an arid climate with an average annual rainfall of 200 millimetres from both summer and winter rain (CALM, 2002) so any surface water within the application area is likely to remain for only short periods following rainfall events. The proposed clearing is not likely to cause deterioration in the quality of surface water in the local area.

According to available databases the application area is not located within a Public Drinking Water Source Area (PDWSA) (GIS Database).

Given the low impact nature of the proposed clearing activities, the proposed clearing is not likely to cause deterioration in the quality of underground water.

Based on the above, the proposed clearing is not likely to be at variance to this Principle.

**Methodology** CALM (2002)  
GIS Database:  
- Hydrography, linear  
- Public Drinking Water Source Areas (PDWSAs)

**(j) Native vegetation should not be cleared if clearing the vegetation is likely to cause, or exacerbate, the incidence or intensity of flooding.**

**Comments Proposal is not likely to be at variance to this Principle**

The application area is located within the Warburton Basin catchment area (GIS Database). Given the size of the area to be cleared (5.93 hectares) in relation to the size of the catchment area (17,195,990 hectares) (GIS Database), the proposed clearing is not likely to increase the potential of flooding on a local or catchment scale.

Based on the above, the proposed clearing is not likely to be at variance to this Principle.

**Methodology** GIS Database:  
- Hydrographic Catchments - Catchments

**Planning instrument, Native Title, Previous EPA decision or other matter.**

**Comments**

There is one native title claim over the area under application: WC04/3 (GIS Database). This claim was determined by the federal court on 29 June 2005. However, the mining tenure has been granted in accordance with the future act regime of the *Native Title Act 1993* and the nature of the act (i.e. the proposed clearing activity) has been provided for in that process, therefore the granting of a clearing permit is not a future act under the *Native Title Act 1993*.

According to available databases, there are no registered Aboriginal Sites of Significance within the application area (GIS Database). It is the proponent's responsibility to comply with the *Aboriginal Heritage Act 1972* and ensure that no Aboriginal Sites of Significance are damaged through the clearing process.

It is the proponent's responsibility to liaise with the Department of Environment and Conservation and the Department of Water to determine whether a Works Approval, Water Licence, Bed and Banks Permit, or any other licences or approvals are required for the proposed works.

The clearing permit application was advertised on 18 March 2013 by the Department of Mines and Petroleum inviting submissions from the public. There were no submissions received.

**Methodology** GIS Database:  
- Aboriginal Sites of Significance  
- Native Title Claims – Determined by the Federal Court

#### 4. References

- Anglo (2013) Application for a Clearing Permit CPS 5512/1. Anglo American Exploration (Australia) Pty Ltd, February 2013.
- Australian Heritage Database (2013) Department of Sustainability, Environment, Water, Population and Communities. <http://www.environment.gov.au/heritage/index.html> (Accessed 10 April 2013).
- CALM (2002) Biological Summary of the 2002 Biodiversity Audit for Western Australia, A Biodiversity Audit of Western Australia's 53 Biogeographical Subregions in 2002 - Central Ranges 1 (CR1) - Mann-Musgrave Block subregion, ed. N.L McKenzie, J.E May and S. McKenna, Government of Western Australia, Perth, Western Australia.
- DEC (2011) Department of Environment and Conservation: Fauna Species Profile - Bilby. Department of Environment and Conservation, Western Australia. <http://www.dec.wa.gov.au/management-and-protection/animals/fauna-species-profiles.html?showall=&start=2> (Accessed 10 April 2013).
- DEC (2013) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. <http://naturemap.dec.wa.gov.au/default.aspx> (Accessed 10 April 2013).
- Department of Natural Resources and Environment (2002) Biodiversity Action Planning. Action planning for native biodiversity at multiple scales; catchment bioregional, landscape, local. Department of Natural Resources and Environment, Victoria.
- DMP (2011) Clearing Permit Decision Report for CPS 4244/1. Prepared by the Department of Mines and Petroleum, 12 May 2011.
- Government of Western Australia (2011) 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Pavey, C., Cole, J. and Woinarski, J. (2006) Crest-tailed Mulgara (Ampurta) *Dasyercus cristicauda*. Northern Territory Government, Department of Natural Resources, Environment and the Arts.

#### 5. Glossary

##### Acronyms:

BoM	Bureau of Meteorology, Australian Government
CALM	Department of Conservation and Land Management (now DEC), Western Australia
DAFWA	Department of Agriculture and Food, Western Australia
DEC	Department of Environment and Conservation, Western Australia
DEH	Department of Environment and Heritage (federal based in Canberra) previously Environment Australia
DEP	Department of Environment Protection (now DEC), Western Australia
DIA	Department of Indigenous Affairs
DLI	Department of Land Information, Western Australia
DMP	Department of Mines and Petroleum, Western Australia
DoE	Department of Environment (now DEC), Western Australia
DoIR	Department of Industry and Resources (now DMP), Western Australia
DOLA	Department of Land Administration, Western Australia
DoW	Department of Water
EP Act	Environmental Protection Act 1986, Western Australia
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999 (Federal Act)
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
IBRA	Interim Biogeographic Regionalisation for Australia
IUCN	International Union for the Conservation of Nature and Natural Resources – commonly known as the World Conservation Union
RIWI Act	Rights in Water and Irrigation Act 1914, Western Australia
s.17	Section 17 of the Environment Protection Act 1986, Western Australia
TEC	Threatened Ecological Community

##### Definitions:

{Atkins, K (2005). *Declared rare and priority flora list for Western Australia, 22 February 2005*. Department of Conservation and

Land Management, Como, Western Australia) :-

- P1** **Priority One - Poorly Known taxa:** taxa which are known from one or a few (generally <5) populations which are under threat, either due to small population size, or being on lands under immediate threat, e.g. road verges, urban areas, farmland, active mineral leases, etc., or the plants are under threat, e.g. from disease, grazing by feral animals, etc. May include taxa with threatened populations on protected lands. Such taxa are under consideration for declaration as 'rare flora', but are in urgent need of further survey.
- P2** **Priority Two - Poorly Known taxa:** taxa which are known from one or a few (generally <5) populations, at least some of which are not believed to be under immediate threat (i.e. not currently endangered). Such taxa are under consideration for declaration as 'rare flora', but are in urgent need of further survey.
- P3** **Priority Three - Poorly Known taxa:** taxa which are known from several populations, at least some of which are not believed to be under immediate threat (i.e. not currently endangered). Such taxa are under consideration for declaration as 'rare flora', but are in need of further survey.
- P4** **Priority Four – Rare taxa:** taxa which are considered to have been adequately surveyed and which, whilst being rare (in Australia), are not currently threatened by any identifiable factors. These taxa require monitoring every 5–10 years.
- R** **Declared Rare Flora – Extant taxa (= Threatened Flora = Endangered + Vulnerable):** taxa which have been adequately searched for, and are deemed to be in the wild either rare, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such, following approval by the Minister for the Environment, after recommendation by the State's Endangered Flora Consultative Committee.
- X** **Declared Rare Flora - Presumed Extinct taxa:** taxa which have not been collected, or otherwise verified, over the past 50 years despite thorough searching, or of which all known wild populations have been destroyed more recently, and have been gazetted as such, following approval by the Minister for the Environment, after recommendation by the State's Endangered Flora Consultative Committee.

{Wildlife Conservation (Specially Protected Fauna) Notice 2005} [Wildlife Conservation Act 1950] :-

- Schedule 1** **Schedule 1 – Fauna that is rare or likely to become extinct:** being fauna that is rare or likely to become extinct, are declared to be fauna that is need of special protection.
- Schedule 2** **Schedule 2 – Fauna that is presumed to be extinct:** being fauna that is presumed to be extinct, are declared to be fauna that is need of special protection.
- Schedule 3** **Schedule 3 – Birds protected under an international agreement:** being birds that are subject to an agreement between the governments of Australia and Japan relating to the protection of migratory birds and birds in danger of extinction, are declared to be fauna that is need of special protection.
- Schedule 4** **Schedule 4 – Other specially protected fauna:** being fauna that is declared to be fauna that is in need of special protection, otherwise than for the reasons mentioned in Schedules 1, 2 or 3.

{CALM (2005). *Priority Codes for Fauna*. Department of Conservation and Land Management, Como, Western Australia} :-

- P1** **Priority One: Taxa with few, poorly known populations on threatened lands:** Taxa which are known from few specimens or sight records from one or a few localities on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, active mineral leases. The taxon needs urgent survey and evaluation of conservation status before consideration can be given to declaration as threatened fauna.
- P2** **Priority Two: Taxa with few, poorly known populations on conservation lands:** Taxa which are known from few specimens or sight records from one or a few localities on lands not under immediate threat of habitat destruction or degradation, e.g. national parks, conservation parks, nature reserves, State forest, vacant Crown land, water reserves, etc. The taxon needs urgent survey and evaluation of conservation status before consideration can be given to declaration as threatened fauna.
- P3** **Priority Three: Taxa with several, poorly known populations, some on conservation lands:** Taxa which are known from few specimens or sight records from several localities, some of which are on lands not under immediate threat of habitat destruction or degradation. The taxon needs urgent survey and evaluation of conservation status before consideration can be given to declaration as threatened fauna.
- P4** **Priority Four: Taxa in need of monitoring:** Taxa which are considered to have been adequately surveyed, or for which sufficient knowledge is available, and which are considered not currently threatened or in need of special protection, but could be if present circumstances change. These taxa are usually represented on conservation lands.
- P5** **Priority Five: Taxa in need of monitoring:** Taxa which are not considered threatened but are subject to a specific conservation program, the cessation of which would result in the species becoming threatened within five years.

Categories of threatened species (*Environment Protection and Biodiversity Conservation Act 1999*)

- EX** **Extinct:** A native species for which there is no reasonable doubt that the last member of the species has died.
- EX(W)** **Extinct in the wild:** A native species which:
- (a) is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; or
  - (b) has not been recorded in its known and/or expected habitat, at appropriate seasons, anywhere in its past range, despite exhaustive surveys over a time frame appropriate to its life cycle and form.

- CR**      **Critically Endangered:** A native species which is facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria.
- EN**      **Endangered:** A native species which:  
(a) is not critically endangered; and  
(b) is facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria.
- VU**      **Vulnerable:** A native species which:  
(a) is not critically endangered or endangered; and  
(b) is facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria.
- CD**      **Conservation Dependent:** A native species which is the focus of a specific conservation program, the cessation of which would result in the species becoming vulnerable, endangered or critically endangered within a period of 5 years.