



**1. Application details**

**1.1. Permit application details**

Permit application No.: 2774/1  
 Permit type: Area Permit

**1.2. Proponent details**

Proponent's name: Djarindjin Aboriginal Corporation

**1.3. Property details**

Property: LOT 297 ON PLAN 93256 ( DAMPIER PENINSULA 6725)  
 LOT 297 ON PLAN 93256 ( DAMPIER PENINSULA 6725)  
 Local Government Area: Shire Of Broome  
 Colloquial name:

**1.4. Application**

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
4		Mechanical Removal	Building or Structure

**2. Site Information**

**2.1. Existing environment and information**

*2.1.1. Description of the native vegetation under application*

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Beard Vegetation Association: 750 Shrublands, pindan; Acacia tumida shrubland with grey box & cabbage gum medium woodland over ribbon grass & curly spinifex (Hopkins et al. 2001; Shepherd et al. 2001).	The area under application is within the Dampierland biogeographic region. Quaternary marine deposits on coastal plains support mangal, samphire, Sporobolus grasslands, Melaleuca acacioides low forests, and Spinifex-Crotalaria strand communities (Australian Natural Resources Atlas, 2007).	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	The area under application has been described from aerial imagery.

**3. Assessment of application against clearing principles**

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

The proposal is to clear up to 4 hectare of native vegetation for the purpose of a meteorological station. The area under application is within the Dampierland biogeographic region. Quaternary marine deposits on coastal plains support mangal, samphire, Sporobolus grasslands, Melaleuca acacioides low forests, and Spinifex-Crotalaria strand communities (Australian Natural Resources Atlas, 2007).

There is one record of a threatened fauna species (Gouldian Finch, Erythrura gouldia) within a 50km radius. As the area under application is small (4 ha) and there is 99.7% remaining of the Beard vegetation type, it is not significant habitat for any native fauna.

Within the local area (50km radius) there are three records of priority flora species. All flora species grow in the same soil and vegetation type as the area under application. However given the distance (45km south) from the area in question, the size of the proposed clearing (4ha) and the distribution of population it is unlikely to occur within the area under application.

There are 67 records of Threatened Ecological Communities (TEC) within a 50km radius. The TEC's name is Vine Thickets, this is known as 'vine thickets on coastal sand dunes of Dampier Peninsula'. As the application is small (4ha) there is 99.7% remaining of the Beard vegetation type and the location of the area under application is high in the catchment, the clearing will not directly effect the TECs (DEC, 2008).

The clearing is 560m north of a minor non-perennial watercourse. As the proposed clearing is small (4ha), the removal of vegetation is unlikely to impact on any nearby water courses or associated values.

The proposed clearing is not likely to be at variance to any of the principles.

- Methodology** DEC (2008)  
 Shepherd (2006)  
 Shepherd et al (2001)  
 GIS Layers:  
 - CALM Managed Lands and Waters - CALM 01/06/05  
 - DEFL SAC Bio Datasets (12/05/08)  
 - Interim Biogeographic Regionalisation of Australia - EA 18/10/00  
 - Pre European Vegetation - DA 01/01  
 - Threatened Fauna, SAC Bio Datasets (12/05/08)

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

**Comments**

The area in question is within Rights in Water and Irrigation (RIWI) groundwater Area (Canning - Kimberley).

The boundary of four Aboriginal Site of Significance (Gallen Well, Balawganan, Djarramarron and Andon) is within the proposed area for clearing. Aboriginal Sites of Significance will need to be managed in accordance with requirements under the Aboriginal Heritage Act 1972 and with the Department of Indigenous Affairs.

**Methodology**

- GIS Layers:  
 - Aboriginal Sites of Significance 26 April 2007  
 - RIWI Act, Groundwater Areas - DoW 13/07/06

**4. Assessor's comments**

**Comment**

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing Principles are not likely to be at variance.

**5. References**

EPA (2000) Environmental protection of native vegetation in Western Australia. Clearing of native vegetation, with particular reference to the agricultural area. Position Statement No. 2. December 2000. Environmental Protection Authority, Western Australia.

Hopkins, A.J.M., Beeston, G.R. and Harvey J.M. (2001) A database on the vegetation of Western Australia. Stage 1. CALMScience after J. S. Beard, late 1960's to early 1980's Vegetation Survey of Western Australia, UWA Press.

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.

Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.

**6. eGlossary**

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)