



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5506/1
Permit Holder:	Department of Water
Duration of Permit:	28 June 2013 – 28 June 2018

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of constructing groundwater monitoring bores and access tracks.

2. Land on which clearing is to be done

Lot 26 on Deposited Plan 221072 (Reserve 22615), Dampier Peninsula.

3. Area of Clearing

The Permit Holder must not clear more than 0.2655 hectares of native vegetation within the combined areas shaded yellow on attached Plan 5506/1a and Plan 5506/1b and Plan 5506/1c.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

5. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the right to access land under the *Land Administration Act 1997* or any other written law.

6. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

7. **Avoid, minimise etc clearing**

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

8. **Weed control**

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

DEFINITIONS

The following meanings are given to terms used in this Permit:

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

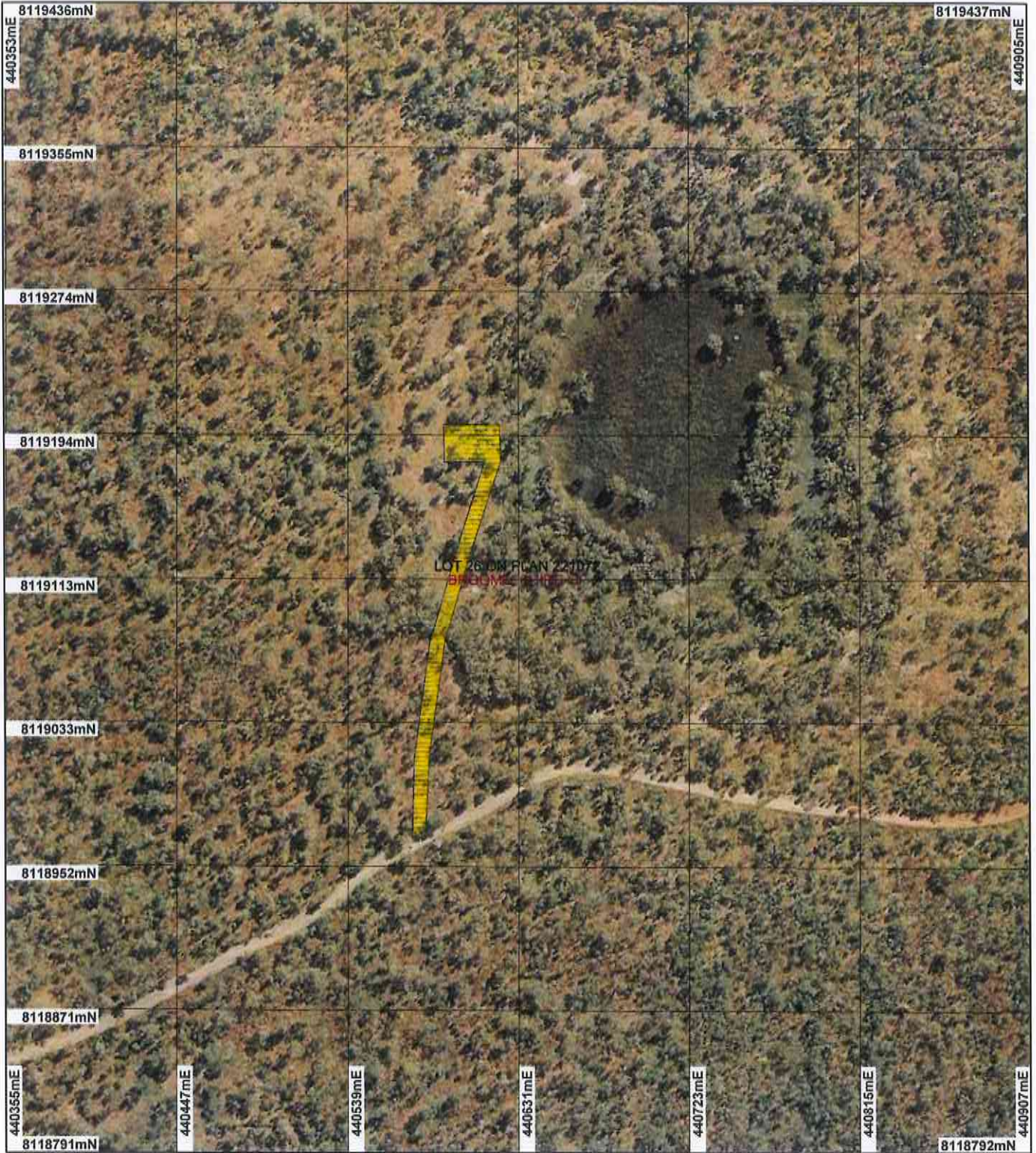


M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

6 June 2013

Plan 5506/1a



LEGEND

-  Cadastre
-  Road Centrelines
-  Clearing Instruments
-  Carnot 50cm Orthomosaic - Landgate 2007
-  Areas Approved to Clear
-  Local Government Authorities



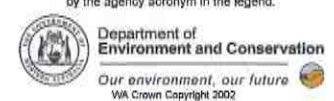
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(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date *6/6/13*

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Plan 5506/1b



LEGEND

- Cadastre
- Clearing Instruments
- Areas Approved to Clear
- Local Government Authorities

Road Centrelines
 Carnot 50cm Orthomosaic - Landgate 2007



Scale 1:2000
 (Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M. Warnock Date 6/6/13
 M Warnock

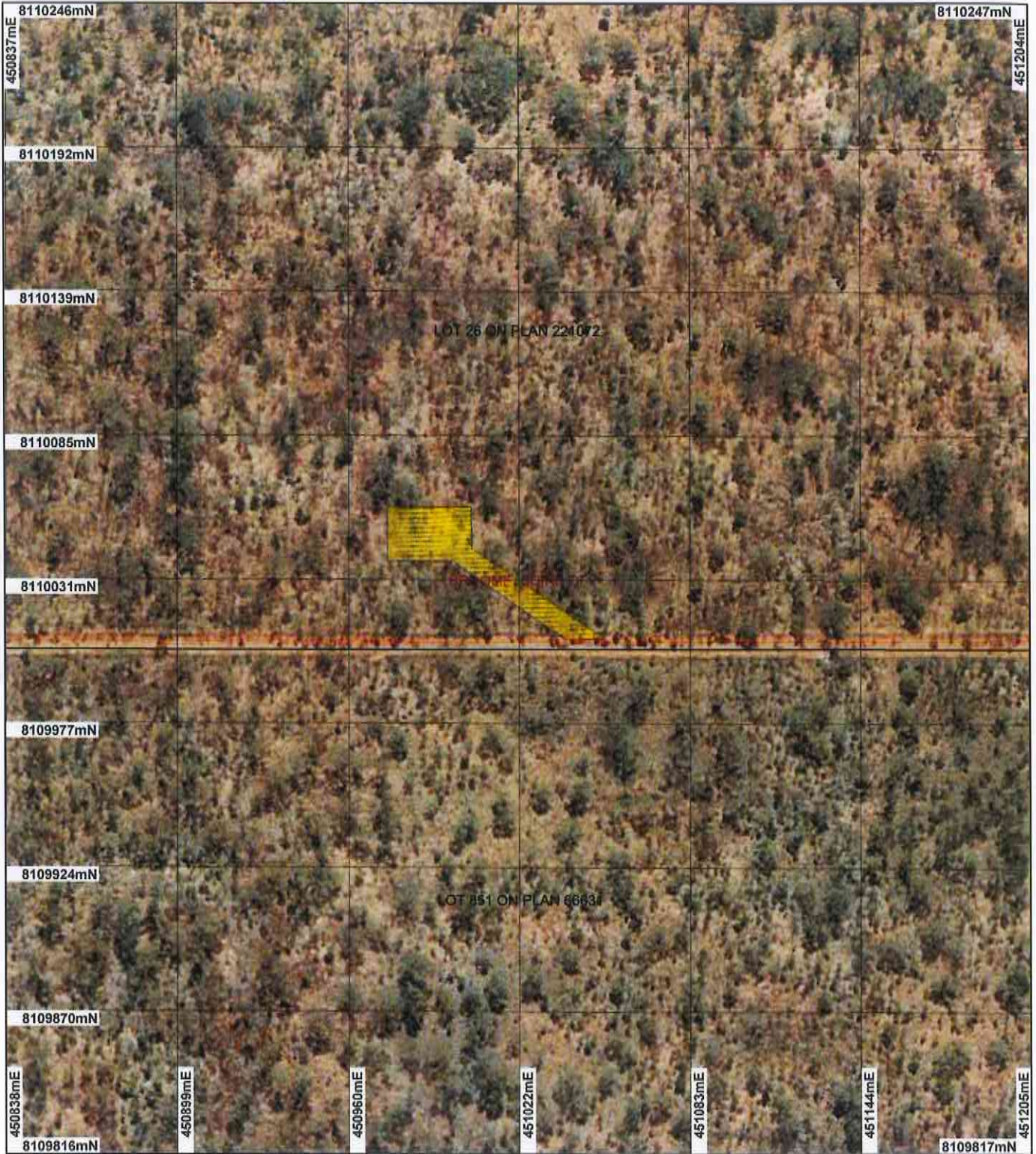
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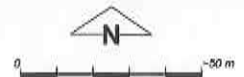
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Plan 5506/1c



LEGEND

-  Cadastre
-  Road Centrelines
-  Clearing Instruments
-  Areas Approved to Clear
-  Local Government Authorities
-  Jowlaenga 50cm Orthomosaic
-  - Landgate 2005



Scale 1:2000

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 6/6/13
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1. Application details

1.1. Permit application details

Permit application No.: 5506/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Department of Water

1.3. Property details

Property: LOT 26 ON PLAN 221072 (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:
0.266		Mechanical Removal	Bore construction Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 6 June 2013

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 and cabbage gum medium woodland over ribbon grass and curly spinifex (Shepherd et al. 2001).	The application is to clear up to 0.2655 hectares of native vegetation within Lot 26 on Deposited Plan 221072 (Reserve 22615), Dampier Peninsula, for the purpose of constructing groundwater monitoring bores and access tracks.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	Vegetation description and condition were determined through aerial imagery (Carnot 50cm Orthomosaic - Landgate 2007, Jowlaenga 50cm Orthomosaic - Landgate 2005).

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.2655 hectares of native vegetation within Lot 26 on Deposited Plan 221072 (Reserve 22615), Dampier Peninsula, for the purpose of constructing three groundwater monitoring bores and access tracks.

There are no rare or priority flora species or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area (approximately 100 percent). Given the small size of the application area, it is unlikely for the proposed clearing to contain significant fauna habitat, impact on nearby conservation areas, cause or exacerbate land degradation or flooding.

One of the application areas is partially located within a mapped claypan and as a result, the vegetation under application may be growing in association with a watercourse. The proposed clearing may cause some short term water quality issues in terms of localised surface water sedimentation. Given the size of the proposed clearing this impact is considered to be minor.

The disturbance caused by the proposed clearing will increase the risk of weeds and dieback being introduced into surrounding areas of vegetation. Weed and dieback management practices will assist in mitigating this risk.

The assessment of the application identified that the clearing may be at variance to Principle (f) and (i) and is not likely to be at variance to any of the remaining principles.

Methodology

GIS Databases:
- Carnot 50cm Orthomosaic - Landgate 2007
- DEC Managed Lands
- Hydrography, Linear
- Jowlaenga 50cm Orthomosaic - Landgate 2005
- Pre-European Vegetation
- SAC Biodatasets

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

Comments

The application area is located within the Canning-Kimberley Groundwater Water Area covered by the Rights in Water and Irrigation Act 1914.

The application area is located within a Native Title claim area determined by the Federal Court. The claimants (Djabera-Djabera People) and their representatives (Kimberley Land Council) were given the opportunity to make comment on the application under s24MD of the Native Title Act 1993 (NT Act). No comments were received.

Lot 26 on Deposited Plan 221072 (Reserve 22615), Dampier Peninsula, is vested with the Aboriginal Affairs Planning Authority for the purpose of use and benefit of Aborigines.

No public submissions have been received in response to this application.

Methodology

GIS Databases:

- Native Title Claim areas
- RIWI Act areas

4. References

- Government of Western Australia. (2013). 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.

5. Glossary

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)