



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5444/1
Permit Holder:	Gumala Enterprises Pty Ltd
Duration of Permit:	22 March 2013 – 22 March 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 installing drill pads for bores and constructing access tracks.

2. Land on which clearing is to be done

Lot 126 on Deposited Plan 240332 (Reserve 30082) Karijini.

3. Area of Clearing

The Permit Holder must not clear more than 1.2 hectares of native vegetation within the area shaded yellow on attached Plan 5444/1.

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. 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

6. 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:

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

7. 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 declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*;
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

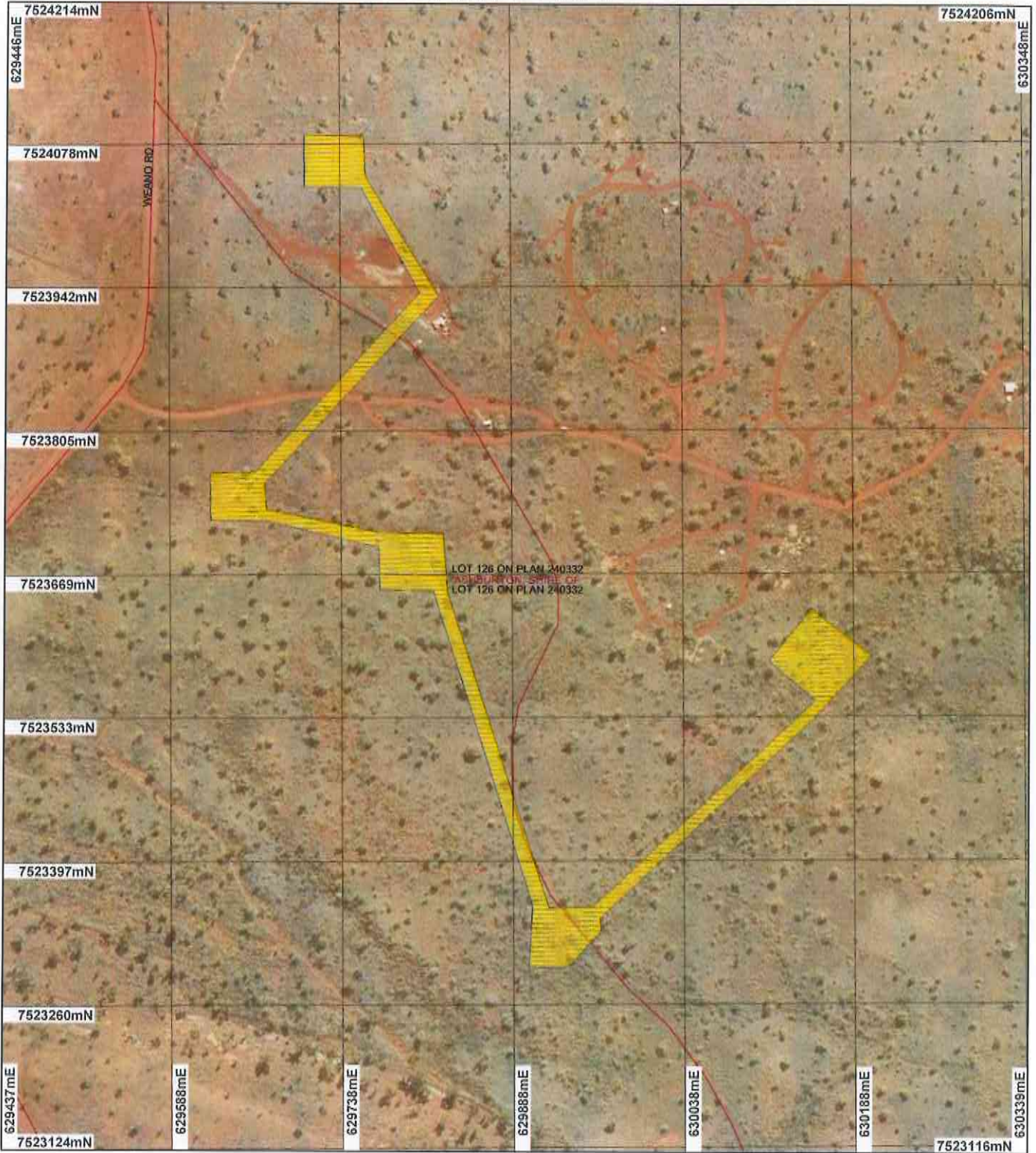


M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

28 February 2013

Plan 5444/1



LEGEND

Cadastre
Road Centrelines
Local Government
Authorities
Wittenoom 50cm Orthomosaic
- Landgate 2004

Clearing Instruments

■ Areas Approved to Clear



Scale 1:5000

(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 28/2/13
M Warnock

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



Department of
Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 5444/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Gumala Enterprises Pty Ltd

1.3. Property details

Property: LOT 126 ON PLAN 240332 (KARIJINI 6751)
Local Government Area: Shire of Ashburton
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.2		Mechanical Removal	Bore construction Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 28 February 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: 82 - Hummock grasslands, low tree steppe; snappy gum over <i>Triodia wiseana</i> (Shepherd et al. 2001).	The application is to clear up to 1.2 hectares of native vegetation within Lot 126 on Deposited Plan 240332 (Reserve 30082) Karijini, for the purpose of installing drill pads for bores and constructing access tracks.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994). To Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation description and condition were determined through aerial imagery (Wittenoom 50cm Orthomosaic - Landgate 2004).

3. Assessment of application against clearing principles

Comments

The application is to clear up to 1.2 hectares of native vegetation within Lot 126 on Deposited Plan 240332 (Reserve 30082) Karijini, for the purpose of installing drill pads for bores and constructing access tracks. The vegetation ranges from excellent to degraded (Keighery 1994) condition, with the majority of the vegetation in excellent condition.

There are no rare or priority flora species or threatened ecological communities within close proximity to the application area. Given the clearing consists of 1.2 hectares and the local area (30 kilometre radius) is highly vegetated (approximately 100 percent), it is unlikely the proposed clearing contains significant fauna habitat, will cause or exacerbate land degradation or flooding.

The application area is intersected by several minor, non-perennial watercourses. Some of the vegetation under application may consist of vegetation growing in association with a watercourse. During works, the proposed clearing may cause short term water quality issues, such as localised surface water sedimentation. However, these issues are likely to be minimal given the small size of the proposed clearing.

The application area is within the Karijini National Park. The proposed clearing may impact the environmental values of this conservation area through the introduction or spread of weeds. Weed management practices will assist in reducing the potential impacts.

Given the above, the proposed clearing may be at variance to principle (f), (h) and (i) and is not likely to be at variance to the remaining principles.

Methodology

References:
Keighery 1994
GIS Databases:
- DEC Tenure
- Hydrography, Linear

- SAC Biodatasets
- Wittenoom 50cm Orthomosaic - Landgate 2004

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

Comments

The application is to clear vegetation for the purpose of installing drill pads for bores and for constructing access tracks between the bores. Groundwater extraction is required to provide water for the Savannah Campground (Gumala Enterprises Pty Ltd 2013).

Gumala Enterprises Pty Ltd has a lease with the Department of Environment and Conservation over the application area (Gumala Enterprises Pty Ltd 2013).

The application area is located within the Pilbara Surface Water Area and the Pilbara Groundwater Area, covered by the Rights in Water and Irrigation Act 1914. The applicant has Department of Water licenses to take water and to construct or alter a well (DoW 2013).

No public submissions were received in response to this application.

Methodology

References:

DoW 2013

Gumala Enterprises Pty Ltd 2013

GIS Databases:

- RIWI Act areas

4. References

- Department of Water (2013) License to take water, License to construct or alter well. Department of Water, Western Australia. DEC REF: A601898.
- Gumala Enterprises Pty Ltd (2013) Clearing Permit Application CPS 5444/1 - Lot 126 on Deposited Plan 240332 (Reserve 30082) Karijini. DEC REF: A590309.
- 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)