



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5909/1
Permit Holder:	Tecnicas Reunidas S.A.
Duration of Permit:	18 January 2014 – 18 January 2016

ADVICE NOTE:

This Permit does not confer upon the Permit Holder authorisation to access the land to which the Permit relates.

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

1. Purpose for which clearing may be done

Clearing for the purpose of road widening.

2. Land on which clearing is to be done

Lot 646 on Deposited Plan 28839, King Bay Road reserve (PIN: 1377170), Burrup.

3. Area of Clearing

The Permit Holder must not clear more than 0.514 hectares of native vegetation within the area hatched yellow on attached Plan 5909/1.

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.

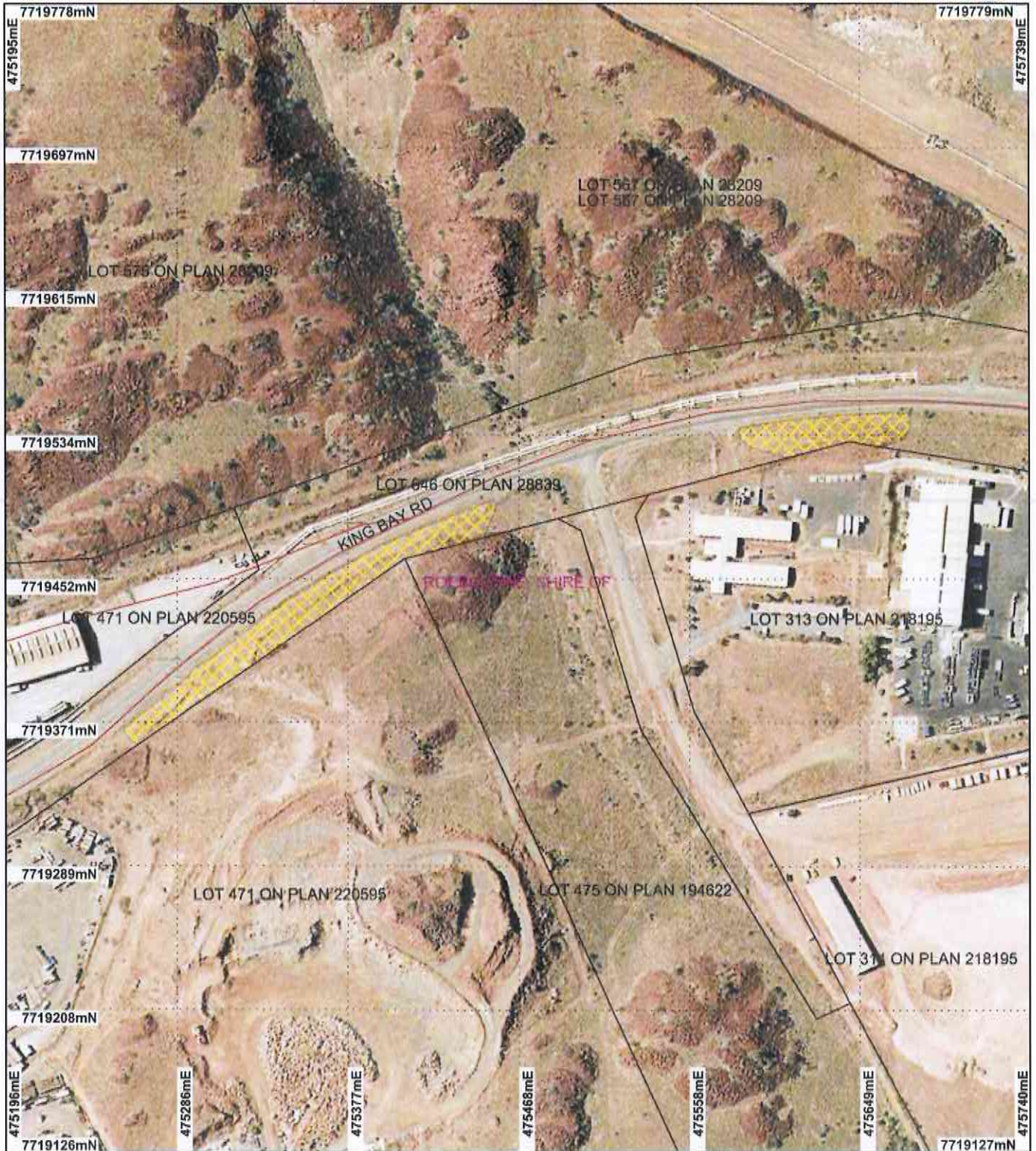
A handwritten signature in black ink, appearing to read "M Warnock", written over a horizontal line.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

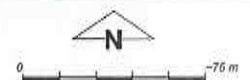
19 December 2013

Plan 5909/1



LEGEND

- | | |
|--|---|
| <input type="checkbox"/> Clearing Instruments | <input type="checkbox"/> Local Government Authorities |
| <input type="checkbox"/> Areas Approved to Clear | |
| <input checked="" type="checkbox"/> Road Centrelines | |
| <input type="checkbox"/> Cadastre | |
| Dampier and Extensions 50cm | |
| Orthomosaic - Landgate 2008 | |



Scale 1:3000
(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 19/12/13
M. WARNOCK

Officer with delegated authority under Section 20 of the Environmental Protection Act 1988

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



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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 5909/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Tecnicas Reunidas S.A.

1.3. Property details

Property: LOT 646 ON PLAN 28839 (BURRUP 6714)
Local Government Area: Shire of Roebourne
Colloquial name: King Bay Road, Burrup

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 19 December 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 Associations: 117 - Hummock grasslands, grass steppe; soft spinifex (Shepherd et al, 2001)	The clearing consists of 0.514 hectares of native vegetation within Lot 646 on Plan 28839, Burrup, for the purpose of road widening.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) To Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The majority of the vegetation under application has been previously cleared with some regrowth of native vegetation. A small amount of the application area may contain remnant native vegetation. Vegetation condition was determined using aerial photography and a report provided by GHD in 2013.

3. Assessment of application against clearing principles

Comments

The application is to clear 0.514 hectares of native vegetation for road widening purposes along King Bay Road, Burrup. The vegetation under application consists of previously cleared hummock grasslands ranging from degraded to very good condition (Keighery, 1994).

A vegetation and flora survey of King Bay Road was conducted by Astron Environmental Services in 2010 which recorded thirty two taxa representing 13 families and 25 genus. Fabaceae was the most represented family with 11 species and Acacia the most represented genus with five species, one of which, Acacia trachycarpa is introduced to the Burrup Peninsula (Astron Environmental Services 2010). The survey did not find any priority or rare flora along King Bay Road (Astron Environmental Services 2010).

Considering the road verges are highly disturbed grasslands, the vegetation is unlikely to provide significant habitat for fauna (GHD 2013).

There are no recorded Threatened Ecological Communities within the local area (10 kilometre radius). A Priority Ecological Community - Roebourne Plains gilgai grasslands (Priority 1) is located approximately 10 kilometres south within a different vegetation community.

The vegetation to be cleared is well represented regionally and locally. Given the clearing consists of 0.514 hectares of native vegetation in degraded to very good (Keighery, 1994) condition and considering the high vegetation representation in the surrounding area, it is unlikely the proposed clearing will impact on conservation areas or cause or exacerbate land degradation, water quality or flooding.

Given the above the proposal is not likely to be at variance to any of the clearing principles.

Methodology Astron Environmental Services (2010)
GHD (2013)

GIS Databases:

- SAC Biodatasets (accessed December 2013)
- Soils, Statewide
- Pre-European Vegetation
- Mattiske Vegetation
- NLWRA, Current Extent of Native Vegetation

Planning instrument, Native Title, RIWI Act Licence, EP Act Licence, Works Approval, Previous EPA decision or other matter.

Comments

The Shire of Roebourne has given permission to the applicant to conduct the road widening works.

No submissions from the public have been received.

Methodology

4. References

- Astron Environmental Services (2010) Vegetation and flora survey for Native Vegetation Clearing Permit, King Bay Road and Mof Road, Dampier Port Authority - Burrup Peninsula. 12 August 2010.
- GHD (2013) King Bay Road Widening Clearing Permit Supporting Documentation - November 2013
- 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.