



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4644/1
File Number: 2011/009360-1
Duration of Permit: 21 November 2011 to 21 November 2013

PERMIT HOLDER

BGC Contracting Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

North West Coastal Highway road reserve, (NANUTARRA 6751)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of road widening.

CONDITIONS

1. Area of Clearing

The Permit Holder shall not clear more than 1.04 hectares of native vegetation within the area shaded yellow on attached Plan 4644/1.

2. 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.

3. 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 power to clear native vegetation for those activities under the *Land Administration Act 1997* or any other written law.

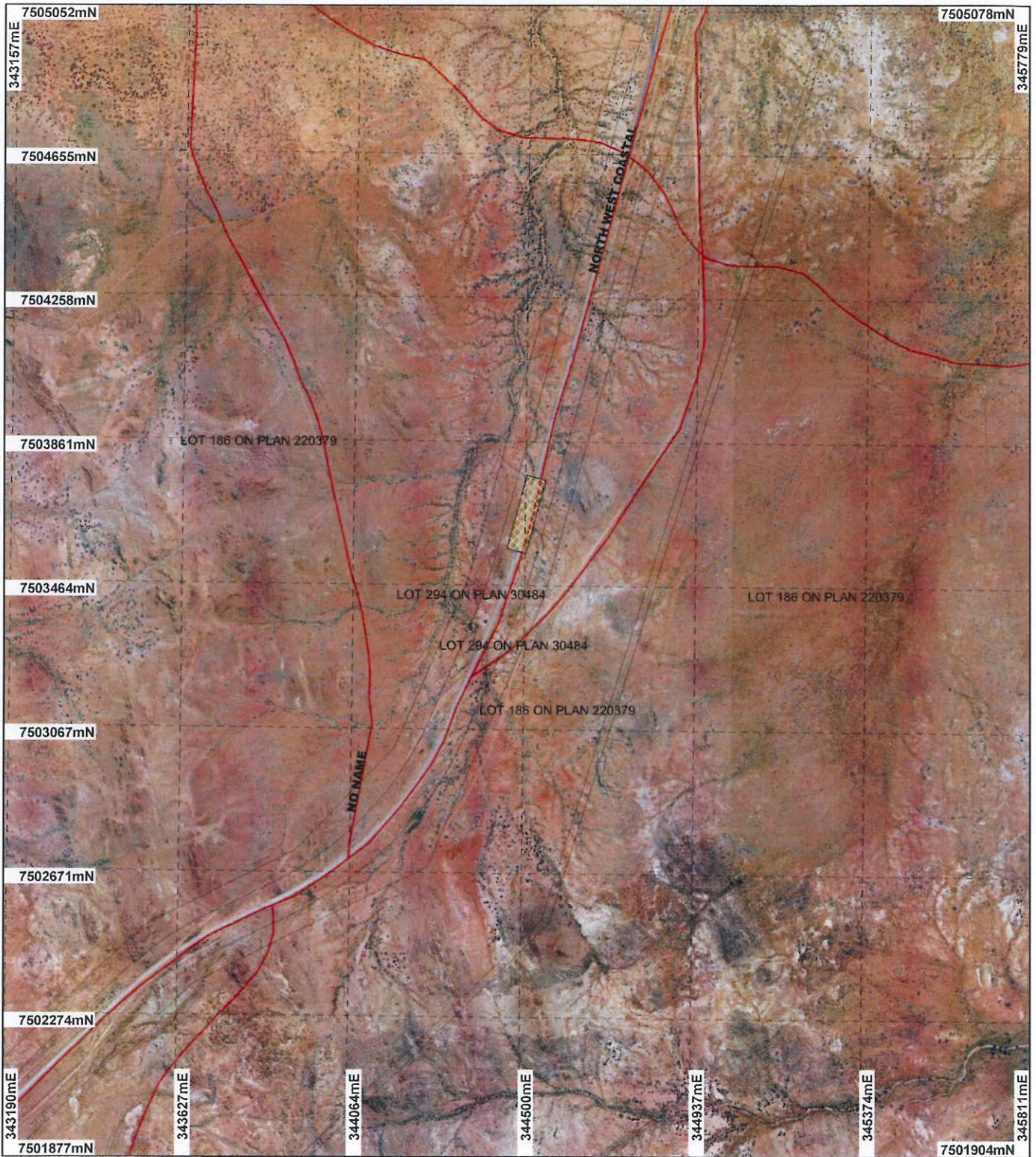
A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

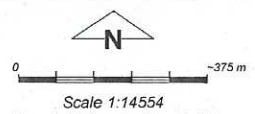
26 October 2011

Plan 4644/1



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Jaroo 50cm Orthomosaic - Landgate 2005
- Cadastre for labelling



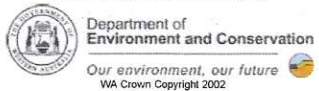
Geocentric Datum Australia 1994

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

Date 26/10/11

K Faulkner
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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



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



1. Application details

1.1. Permit application details

Permit application No.: 4644/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: BGC Contracting Pty Ltd

1.3. Property details

Property: ROAD RESERVE (NANUTARRA 6751)
Local Government Area: Shire of Ashburton
Colloquial name: North West Coastal Highway

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 26 October 2011

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
The vegetation type under application is mapped as: Beard vegetation association: Stewart Hills 103; Hummock grasslands, shrub steppe; snakewood over soft spinifex & <i>Triodia wiseana</i>	The application is for the proposed clearing of 1.04ha within North West Coastal Highway, Nanutarra for road widening. The vegetation proposed to be cleared has been assessed as being in a completely degraded (Keighery 1994) condition (Astron Environmental Services, 2011).	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Vegetation condition obtained from proponent's consultants report (Astron Environmental Services, 2011).

3. Assessment of application against clearing principles

Comments

Proposal is not likely to be at variance to this Principle

The application to clear up to 1.04 hectare of native vegetation along a 200m long by 25m wide corridor within the North West Coastal Highway road reserve for the purpose of road widening is unlikely to have any significant environmental impacts. The vegetation is considered to be in a completely degraded (Keighery, 1994) condition where the native vegetation has been completely removed or altered (Astron Environmental Services, 2011).

There are no declared rare flora species or threatened ecological communities in the vicinity of the proposed clearing. The vegetation type to be cleared is well represented in the local area (Shepherd, 2009) and would not have a detrimental impact on fauna.

As the soils of the area are loamy sands, the proposed clearing for road widening works may cause some short term water quality issues in terms of localised surface water sedimentation and flooding during works. However, these issues should be minimised as road works should include roadside infrastructure to prevent water quality issues and flooding associated with roads (ie table drains and culverts).

The assessment of the application found that the proposed clearing is not at variance to Principles (e), (f) and

(h) not likely to be at variance to the remaining principles.

Methodology References:
- Astron Environmental Services (2011)
- Keighery (1994)
- Shepherd (2009)

GIS datasets:
- SAC Bio Datasets (17/10/11). Department of Environment and Conservation, Sac Bio Datasets, Kensington, Western Australia.

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

Comments No submissions from the public have been received.

Methodology

4. References

Astron Environmental Services (2011) BGC Contracting Pty Ltd Nanutarra Quarry Vegetation and Flora Survey May 2011
Prepared for BGC Contracting Pty Ltd (DEC Ref: A436631)
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. (2009) Adapted from: 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
DolR	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)