



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 4616/2
Permit Holder:	BHP Billiton Iron Ore Pty Ltd
Duration of Permit:	5 December 2011 – 30 November 2020

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 road construction and associated activities.

2. Land on which clearing is to be done

Great Northern Highway, road reserve, being;

Lot 175 on Deposited Plan 219293, Newman.

Lot 500 on Deposited Plan 76716, Newman.

Lot 300 on Deposited Plan 44340, Newman.

3. Area of Clearing

The Permit Holder shall not clear more than 10 hectares of native vegetation within the combined areas cross-hatched yellow on attached Plan 4616/2a, Plan 4616/2b and Plan 4616/2c.

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 power to clear native vegetation for those activities under the *Main Roads Act 1930*, or any other written law.

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:

- (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.

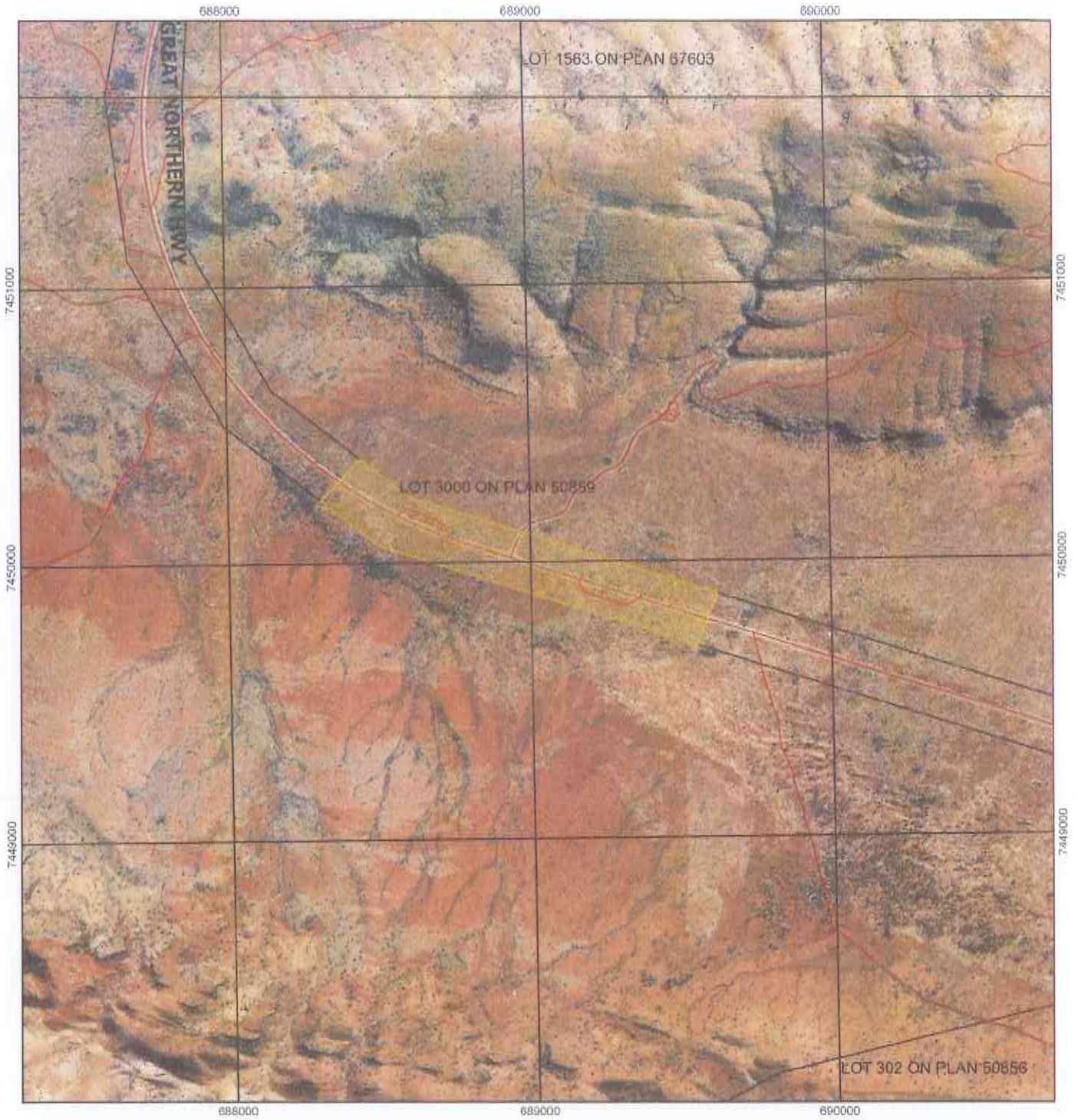


M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

25 June 2015

Plan 4616/2a



Legend

-  Areas approved to clear
 -  Roads
 -  LGA
 -  Cadastre
- Virtual Mosaic (LGATE-V001)



1:15,000

MGA 94
Geocentric Datum of Australia 1994

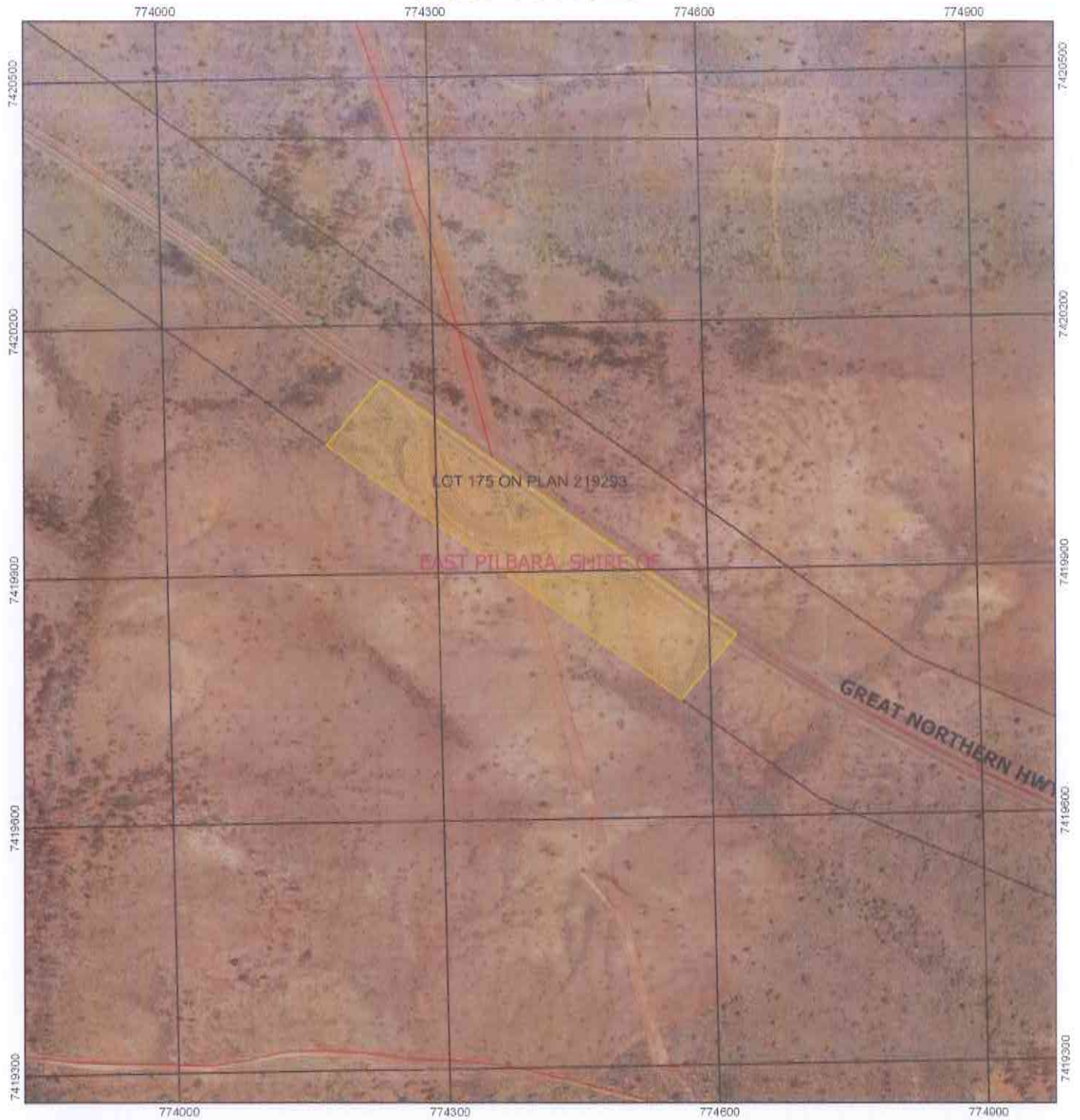
M Warnock Date *25/6/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 4616/2b



Legend

-  Areas approved to clear
 -  Roads
 -  LGA
 -  Cadastre
- Virtual Mosaic (LGATE-V001)



1:5,000

MGA 94
Geocentric Datum of Australia 1994

M Warnock Date *25/6/15*
M Warnock

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





GOVERNMENT OF
WESTERN AUSTRALIA

Plan 4616/2c



Legend

-  Areas approved to clear
 -  Roads
 -  LGA
 -  Cadastre
- Virtual Mosaic (LGATE-V001)



1:2,000

MSA 94
Geocentric Datum of Australia 1994

M Warnock Date *25/6/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 4616/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: BHP Billiton Iron Ore Pty Ltd

1.3. Property details

Property: LOT 300 ON DEPOSITED PLAN 44340, NEWMAN
LOT 500 ON DEPOSITED PLAN 76716, NEWMAN
LOT 175 ON DEPOSITED PLAN 219293, NEWMAN

Colloquial name:
Local Government Authority: EAST PILBARA, SHIRE OF
DER Region: NORTH WEST
DPaW District: NO DISTRICT
LCDC: EAST PILBARA
Localities: NEWMAN

1.4. Application

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

1.5. Decision on application

Decision on Permit: Granted
Application:
Decision Date: 25 June 2015

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 18 is described as low woodland; mulga (<i>Acacia aneura</i>) (Shepherd et al. 2001).	Clearing of 10 hectares of vegetation within the Great Northern Highway road reserve for the purpose of road construction and associated activities.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was obtained using aerial imagery within clearing permit application 4616/1 (BHPBIO 2011). The application areas appear to have a historical disturbance from nearby infrastructure activities such as roads, lay-bys, power line poles and tracks associated with them.
Beard Vegetation Association 82 is described as hummock grasslands, low tree steppe; snappy gum over <i>Tridonia wiseana</i> (Shepherd et al. 2001).		To Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	

3. Assessment of application against clearing principles

Comments The applicant has applied to amend Clearing Permit CPS 4616/1, requesting to amend the annual reporting date and the final reporting date and to extend the duration of the permit by 4 years.

The assessment against the clearing principles for CPS 4616/1 determined that the proposed clearing may have been at variance to Principle (c) and was not likely to be at variance to the remaining principles. In 2011, Ecological Australia conducted a Level 1 flora and fauna survey within the application area and no rare flora species were recorded (Ecological Australia 2012). Given this, the proposed clearing is not likely to be at variance to Principle (c).

A review of current environmental information reveals no new additional information regarding the remaining clearing principles and therefore the assessment against these principles can be found in the Clearing Permit Decision Report CPS 4616/1.

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

Methodology References:
Ecological Australia (2012)

Planning instruments and other relevant matters.

Comments The land on which clearing is to be done under Clearing Permit 4616/2 has been updated, as Lot 500 on Deposited Plan 76716 replaced Lot 3000 on Deposited Plan 50859.

The assessment against planning and other matters has not changed and can be found in the decision report for CPS 4616/1.

4. References

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- BHPBIO (2011) Road Construction and Associated Activities - Great Northern Highway, road reserve. Application to Clear Native Vegetation (Purpose Permit). BHP Billiton Iron Ore, Perth, Western Australia. DEC REF: A431786.
- Ecological Australia (2012) Level 1 flora and fauna surveys along the Great Northern Highway for Jimblebar mine module transport. DEC REF: A655808.
- 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.