



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5049/2
Permit Holder:	BHP Billiton Iron ore Pty Ltd
Duration of Permit:	6 July 2012 – 6 July 2017

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 the construction and maintenance of rail roads, access roads and laydown areas.

2. Land on which clearing is to be done

Special Lease J998591 (Goldsworthy Rail Lease), being:
Lot 47 on Deposited Plan 241374, Pippingarra.

3. Area of Clearing

The Permit Holder must not clear more than 5 hectares of native vegetation within the area hatched yellow on attached Plan 5049/2.

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:

- 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.

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

PART III - RECORD KEEPING AND REPORTING

9. Records must be kept

The Permit Holder must maintain the following records in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (in hectares).

10. Reporting

- (a) The Permit Holder must provide to the CEO on or before 1 October of each year, a written report:
 - (i) of records required under condition 9 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 July and 30 June of the preceding year.

- (b) Prior to 6 April 2017, the Permit Holder must provide to the CEO a written report of records required under condition 9 of this Permit where these records have not already been provided under condition 10(a) of this Permit.

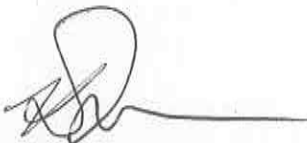
DEFINITIONS

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 a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

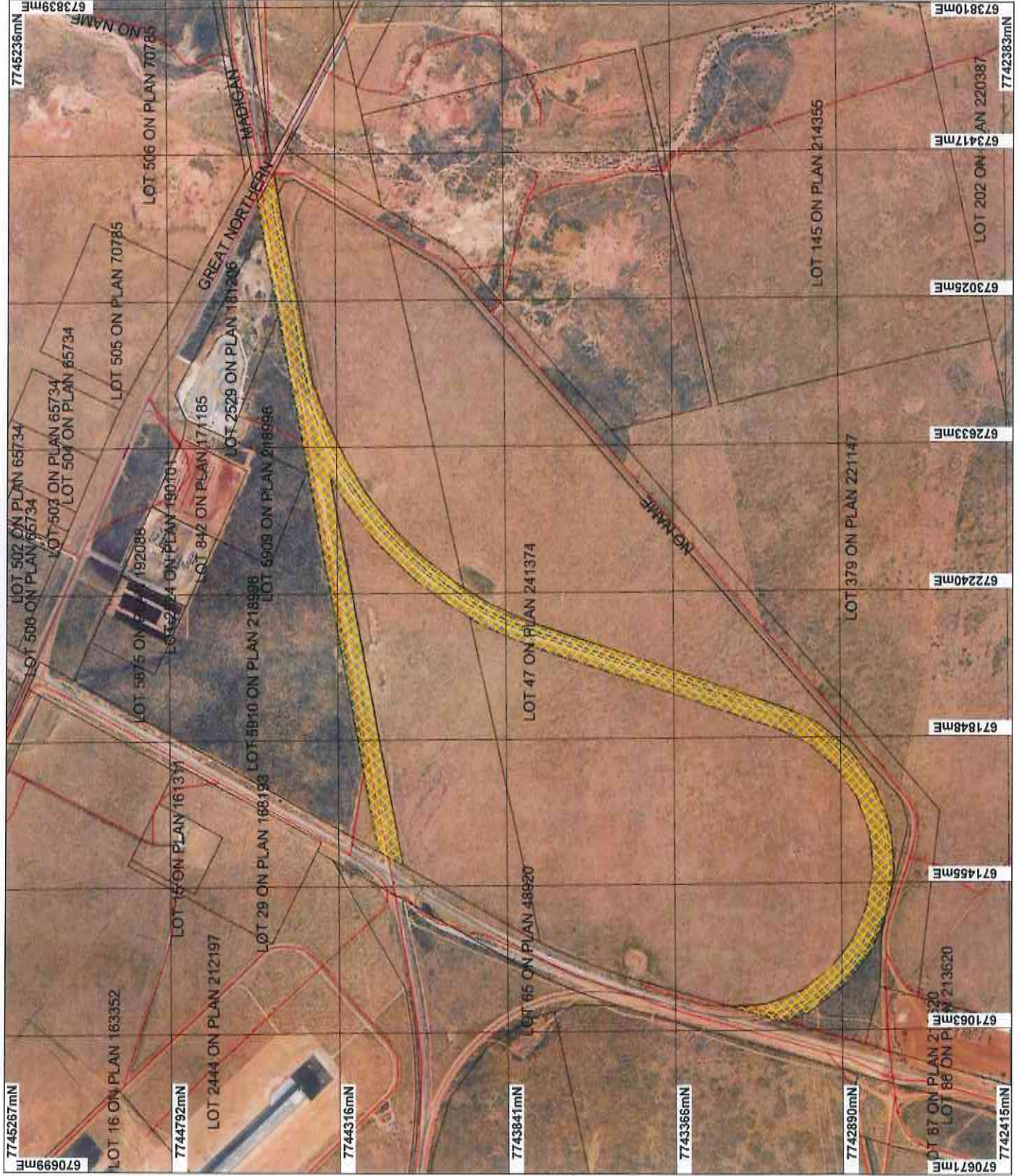


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

5 July 2012

Plan 5049/2



LEGEND

- Cadastral
- Fencible
- Crown Reserve
- State Forest / Timber Row
- Marine Park
- Crown Lease
- Lease / Reserve
- Lease on State Forest / Th
- Public Roads
- Unallocated Crown Land
- Water
- Road Centralines
- Clearing Instrument
- Areas Approved to Clear
- Port Hedland 50cm Landgate 2004

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



Scale 1:14449

(Approximate when reproduced at A4)

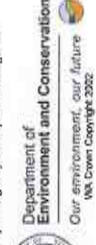
Geocentric Datum Australia 1994

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

Date 5/1/2

Kelly Faulkner

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





1. Application details

1.1. Permit application details

Permit application No.: 5049/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: BHP Billiton Iron Ore Pty Ltd

1.3. Property details

Property: LOT 47 ON PLAN 241374 (PIPPINGARRA 6722)
Local Government Area: Town of Port Hedland
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 5 July 2012

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
Mapped Beard vegetation association 647 is described as Hummock grasslands, dwarf - shrub steppe, <i>Acacia translucens</i> over soft spinifex (Shepherd et al, 2001).	The proposed clearing of 5 ha is for the construction and maintenance of rail roads, access roads and laydown areas. The application area consists of an open <i>Acacia coleii</i> var. <i>coleii</i> shrublands over low <i>Acacia stellaticeps</i> shrublands over <i>Triodia epactia</i> and <i>Triodia epactia</i> and <i>Triodia secunda</i> hummock grassland mosaic (ENV Australia, 2011a).	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition of the application was established through a survey carried out in February 2011 of the application area by ENV Australia (2011a), and through aerial imagery (Port Hedland 50cm Orthomosaic-Landgate, 2008)

3. Assessment of application against clearing principles

Comments

An administrative error occurred regarding the Lot on which clearing was to be undertaken on Clearing Permit CPS5049/1. A review of current environmental information reveals no new additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 5049/1.

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

Comments

No submissions from the public have been received.

4. References

- ENV Australia (2011a) Port Hedland regional Flora and Vegetation Assessment. Additional information for CPS 4867/1 - BHP Billiton Iron ore Pty Ltd. Lot 86 on Plan 213620, Pippingarra. DEC ref A472727
- 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)