



**CLEARING PERMIT**  
**Granted under section 51E of the Environmental Protection Act 1986**

<b>Purpose permit number:</b>	CPS 2602/2
<b>Permit holder:</b>	BHP Billiton Nickel West Pty Ltd
<b>Purpose of clearing:</b>	Expansion of the Kalgoorlie Nickel Smelter
<b>Shire:</b>	Kalgoorlie-Boulder
<b>Duration of permit:</b>	18 October 2008 to 18 October 2018

**TABLE OF CONTENTS**

<b>1. LAND ON WHICH CLEARING IS TO BE DONE .....</b>	<b>2</b>
<b>2. AREA OF CLEARING .....</b>	<b>2</b>
<b>3. APPLICATION .....</b>	<b>2</b>
<b>4. COMPLIANCE WITH ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES .....</b>	<b>2</b>
<b>5. AVOID, MINIMISE ETC CLEARING.....</b>	<b>2</b>
<b>6. VEGETATION MANAGEMENT .....</b>	<b>2</b>
<b>7. RECORDS MUST BE KEPT .....</b>	<b>2</b>
<b>8. REPORTING .....</b>	<b>3</b>
<b>9. DEFINITIONS .....</b>	<b>3</b>

<b>Purpose permit number:</b>	CPS 2602/2
<b>Permit holder:</b>	BHP Billiton Nickel West Pty Ltd
<b>Purpose of clearing:</b>	Expansion of the Kalgoorlie Nickel Smelter
<b>Shire:</b>	Kalgoorlie-Boulder
<b>Duration of permit:</b>	18 October 2008 to 18 October 2018

The permit holder is authorised to clear native vegetation for the above stated purposes, subject to the conditions of this Permit.

#### PART I – CLEARING AUTHORISED

**1. Land on which clearing is to be done**

LOT 100 ON PLAN 212288 (FEYSVILLE 6431)

**2. Area of Clearing**

The permit holder must not clear more than 15 hectares of native vegetation within the area cross hatched yellow on attached plan 2602/2.

**3. 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.

**4. Compliance with Assessment Sequence and Management Procedures**

Prior to clearing any native vegetation under conditions 1 and 2 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

**5. Avoid, minimise etc clearing**

In determining the amount of native vegetation to be cleared for the purpose of road upgrades, 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.

**6. Vegetation Management**

The Permit Holder shall not clear native vegetation within 30 metres of the *riparian vegetation* of any *watercourse* or *wetland* within the area cross-hatched yellow on Plan 2602/2.

#### PART III - RECORD KEEPING AND REPORTING

**7. Records must be kept**

The Permit Holder must maintain the following records for activities done pursuant to this Permit, as relevant in relation to the clearing of native vegetation undertaken pursuant to condition 1:

- (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;
- (b) The date that the area was cleared; and

- (c) The size of the area cleared (in hectares).

#### 8. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 7 and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 18 July 2018, the permit holder must provide to the CEO a written report of records required under condition 7 where these records have not already been provided under condition 8(a).

#### 9. Definitions

The following meanings are given to terms used in this Permit:

*riparian vegetation* has the meaning given to it in Regulation 3 of the Environmental Protection (Clearing of Native Vegetation) Regulations 2004;

*watercourse* has the meaning given to it in section 3 of the *Rights in Water and Irrigation Act 1914*;

*wetland/s* means an area of seasonally, intermittently or permanently waterlogged or inundated land, whether natural or otherwise, and includes a lake, swamp, marsh, spring, dampland, tidal flat or estuary.



M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

12 September 2013

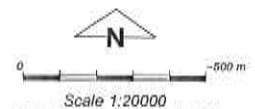


# Plan CPS 2602/2



## LEGEND

- |                             |  |
|-----------------------------|--|
| <b>Clearing Instruments</b> | <input type="checkbox"/> Cadastre                  |
| Areas Approved to Clear     | <b>Kalgoorlie 50cm Orthomosaic - Landgate 2006</b> |
| Local Government            |  |



Geocentric Datum Australia 1994  
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

*M. Wainock* Date 12/9/13  
M. Wainock

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.



Government of Western Australia  
Department of Environment Regulation

WA Crown Copyright 2002

\* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.





# Clearing Permit Decision Report

Government of Western Australia  
Department of Environment Regulation

## 1. Application details

### 1.1. Permit application details

Permit application No.: 2602/2  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: BHP Billiton Nickel West Pty Ltd

### 1.3. Property details

Property: LOT 100 ON PLAN 212288 ( FEYSVILLE 6431)  
Local Government Area: City of Kalgoorlie-Boulder  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
15		Mechanical Removal	Mineral Production

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 12 September 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 Unit: 9 - Medium woodland; coral gum (Eucalyptus torquata) & goldfields blackbutt (E. le souffii)	Expansion of Kalgoorlie Nickel Smelter - The proposal is for clearing 15 hectares of native vegetation for the purpose of expanding the Kalgoorlie Nickel Smelter within Lot 100 on Plan 212288,	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Proposal is to clear 15 hectares of native vegetation within a 590 hectare area in the City of Kalgoorlie-Boulder for the purpose of expanding the Kalgoorlie Nickel Smelter.
936 - Medium woodland; salmon gum	Feysville in the City of Kalgoorlie-Boulder.		Condition of the vegetation ranges from areas that are very good to degraded with condition decreasing with closer proximity to areas previously cleared.
1294 - Medium woodland; coral gum (Shepherd, 2006; Hopkins et al., 2001)			Vegetation condition determined by aerial mapping (Kalgoorlie 1.4m Orthomosaic DLI 02)

## 3. Assessment of application against clearing principles

### Comments

This amendment has been made to extend the permit duration until October 2018.

The assessment against the clearing principles has not changed and can be found in Decision Report CPS 2602/1.

### Methodology

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

### Comments

The assessment against Planning and Other Matters has not changed and can be found in Decision Report CPS 2602/1.

### Methodology

#### 4. References

- Hopkins, A.J.M., Beeston, G.R. and Harvey J.M. (2001) A database on the vegetation of Western Australia. Stage 1. CALMScience after J. S. Beard, late 1960's to early 1980's Vegetation Survey of Western Australia, UWA Press.
- 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. (2006). 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

#### 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)