



GOVERNMENT OF  
WESTERN AUSTRALIA

## CLEARING PERMIT

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

### PERMIT DETAILS

Purpose Permit Number: 2629 / 2  
File Number: A1176/200802  
Duration of Permit: From 6 December 2008 to 6 December 2013

### PERMIT HOLDER

BHP Billiton Iron Ore Pty Ltd

### LAND ON WHICH CLEARING IS TO BE DONE

*Iron Ore (Mount Newman) Agreement Act 1964*, Lease 3116/3687, Special Lease for Mining Operations, I 154279 L (Lot 65 on Deposited Plan 48920)

*Iron Ore (Mount Newman) Agreement Act 1964*, Lease 3116/6297, Special Lease for Mining Operations, I 150310 L (Lot 140 on Deposited Plan 48922)

Miscellaneous Licence 45/134

### PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purpose of railway construction and maintenance, and associated works.

### CONDITIONS

#### Type of clearing authorised

1. The Permit Holder must not clear more than 261 hectares of native vegetation. All clearing must be within the area shaded yellow on attached Plans 2629/2A and 2629/2B.

#### Avoid, minimise etc clearing

2. In determining the amount of native vegetation to be cleared pursuant to this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (i) avoid the clearing of native vegetation;
- (ii) minimise the amount of native vegetation to be cleared; and
- (iii) reduce the impact of clearing on any environmental value.

#### Weed control

3. 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*:
  - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
  - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

#### Fauna Management

4. The Permit Holder shall conduct all activities pursuant to this permit in accordance with the document titled: "*Rail Expansion Project – Northern Quoll Management Plan (Revision 2)*", dated October 2008 and retained on Department of Industry and Resources File No: A1176/200802.

#### Retain vegetative material and topsoil

5. The Permit Holder shall retain the vegetative material and topsoil removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil in an area that has already been cleared.

### Erosion Control

6. The Permit Holder shall implement erosion control measures to minimise potential erosion within the areas approved to clear and adjacent areas. Such measures could include, but are not limited to:
- (i) *gabions/reno mattresses*; and
  - (ii) *rip rap rock protection*.

### Records to be kept

7. The Permit Holder must maintain the following records for activities done pursuant to this Permit:

In relation to the clearing of native vegetation authorised under this Permit:

- (i) 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;
- (ii) the date that the area was cleared;
- (iii) the size of the area cleared (in hectares); and
- (iv) purpose for which clearing was undertaken.

### Reporting

8. (a) The Permit Holder shall provide a report to the Director, Environment Division, Department of Mines and Petroleum by 1 September each year for the life of this permit, demonstrating adherence to all conditions of this permit, and setting out the records required under Condition 7 of this Permit in relation to clearing carried out between 1 July and 30 June of the previous financial year.
- (b) Prior to 6 December 2013, the Permit Holder must provide to the Director, Environment Division, Department of Mines and Petroleum a written report of records required under condition 7 of this Permit where these records have not already been provided under Condition 8(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;

*gabions/reno mattresses* means a wire mesh cage, usually rectangular, filled with rock and used to protect channel banks and other sloping areas from erosion;

*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;

*rip rap rock protection* means rocks, broken rocks, cobbles, stones, boulders or concrete debris placed together in a set and stable manner to a specified thickness for the protection of earth slopes and surfaces;

*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*.



Phil Gorey  
DIRECTOR  
ENVIRONMENT DIVISION  
DEPARTMENT OF MINES AND PETROLEUM  
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986

12 November 2009