



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4631/1

File Number: A1803/201101

Duration of Permit: From 3 December 2011 to 31 December 2015

PERMIT HOLDER

BHP Billiton Minerals Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Exploration Licence 69/2201

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purpose of mineral exploration.

CONDITIONS

Type of clearing authorised

1. The Permit Holder must not clear more than 5 hectares of native vegetation. All clearing must be within the areas cross-hatched yellow on attached Plan 4631/1.

Avoid, minimise etc clearing

2. 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:
 - (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. (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* for the presence of:

- (i) *Macrotis lagotis* (Bilby) burrows;
- (ii) *Dasyercus blythi* (Brush-tailed Mulgara) burrows;
- (iii) *Dasyercus cristicauda* (Crest-tailed Mulgara) burrows; and
- (iv) *Liopholis kintorei* (Great Desert Skink) burrows.

(b) Where *Macrotis lagotis* (Bilby), *Dasyercus blythi* (Brush-tailed Mulgara), *Dasyercus cristicauda* (Crest-tailed Mulgara) or *Liopholis kintorei* (Great Desert Skink) burrows are identified in relation to Condition 4(a) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified *Macrotis lagotis* (Bilby), *Dasyercus blythi* (Brush-tailed Mulgara), *Dasyercus cristicauda* (Mulgara) or *Liopholis kintorei* (Great Desert Skink) burrows, unless approved by the CEO.

Records to be kept

5. (a) 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 or decimal degrees;
- (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.

(b) In relation to fauna management pursuant to Condition 4 of this Permit:

- (i) the location of each habitat identified 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;
- (ii) the species name of fauna reasonably likely to utilise, or that have been observed utilising the habitat; and
- (iii) a copy of the *fauna specialist's* report.

Reporting

6. (a) The Permit Holder shall provide a report to the Executive Director, Environment, Department of Mines and Petroleum by 1 February each year for the life of this Permit, demonstrating adherence to all conditions of this Permit, and setting out the records required under Condition 5 of this Permit in relation to clearing carried out between 1 January and 31 December of the previous calendar year.

(b) Prior to 31 December 2015, the Permit Holder must provide to the Executive Director, Environment, Department of Mines and Petroleum a written report of records required under Condition 5 of this Permit where these records have not already been provided under Condition 6(a) of this Permit.

Definitions

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

CEO means the Chief Executive Officer, Department of Environment and Conservation (Western Australia);

fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australia fauna;

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;

weeds 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
EXECUTIVE DIRECTOR
ENVIRONMENT
DEPARTMENT OF MINES AND PETROLEUM

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

10 November 2011