



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 2629/1
File Number: A1176/200802
Duration of Permit: From 06 December 2008 to 06 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)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

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

CONDITIONS

1. The Permit Holder must not clear more than 260 hectares of native vegetation. All clearing must be within the area shaded green on attached Plans 2629/1A and 2629/1B.

Guiding Principles

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 Management

3. When undertaking any clearing, rehabilitation, or other activity pursuant to 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 *road building materials, 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.

Rehabilitation

5. The Permit Holder shall stockpile all topsoil and vegetation cleared under this permit for use in rehabilitation.

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*.

Record Keeping

7. The Permit Holder shall record the following for each instance of clearing:
 - (i) the location of where the clearing occurred, expressed as grid coordinates using the Geocentric Datum of Australia 1994 coordinate system;
 - (ii) the size of the area cleared in hectares;
 - (iii) the dates on which the area was cleared;
 - (iv) the purpose of clearing;
 - (v) the method of clearing; and
 - (vi) the area rehabilitated in hectares.

Reporting

8. The Permit Holder shall provide a report to the Director, Environment Division, Department of Industry and Resources 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.

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;

road building materials means rock, gravel, soil, stone, timber, boulders and water;

weed 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 *Agricultural and Related Resources Protection Act 1976*.



Ian Briggs

A/DIRECTOR
ENVIRONMENT DIVISION
DEPARTMENT OF INDUSTRY AND RESOURCES
Officer with delegated authority under Section 20
of the Environmental Protection Act 1986

6 November 2008