



## CLEARING PERMIT

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

### PERMIT DETAILS

Purpose Permit Number: 2981 / 1  
File Number: A0233/200901  
Duration of Permit: From 16 May 2009 to 31 July 2014

### PERMIT HOLDER

Pilbara Manganese Pty Ltd

### LAND ON WHICH CLEARING IS TO BE DONE

Mining Lease 45/107  
Mining Lease 45/433  
Mining Lease 45/637  
Mining Lease 46/92  
Mining Lease 46/108  
Mining Lease 46/137  
Mining Lease 46/161  
Mining Lease 46/162

### PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purpose of mineral production.

### CONDITIONS

1. The Permit Holder must not clear more than 300 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 2981/1.

#### **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:
  - (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.

#### **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*:
  - (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.

#### **Retain vegetative material and topsoil**

4. 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.

### Records to be kept

5. 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;
  - (b) the date that the area was cleared; and
  - (c) the size of the area cleared (in hectares).

### Reporting

6. The Permit Holder shall provide a report to the Director, Environment Division, Department of Mines and Petroleum by 31 July 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 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;

*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 *Agricultural and Related Resources Protection Act 1976*.



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Tim Griffin  
A/DIRECTOR GENERAL  
DEPARTMENT OF MINES AND PETROLEUM  
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986

16 April 2009