



## CLEARING PERMIT

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

### PERMIT DETAILS

Purpose Permit Number: 2810 / 1

File Number: A1601/200801

Duration of Permit: From 24 January 2009 to 31 July 2014

### PERMIT HOLDER

Pilbara Manganese Pty Ltd

### LAND ON WHICH CLEARING IS TO BE DONE

Mining Lease 45/431

### PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purposes of mineral production.

### CONDITIONS

1. The Permit Holder must not clear more than 53.5 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 2810/1.

### Guiding Principles

2. In determining the amount of 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 vegetation to be cleared; and
  - (iii) reduce the impact of clearing on any environmental value.

### Weed Management

3. When undertaking any clearing, revegetation and 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.

### Rehabilitation

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

### Record Keeping

5. 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 to be cleared in hectares;
  - (iii) the dates on which the area was cleared;
  - (iv) the purpose of clearing;
  - (v) the method of clearing.

### Reporting

6. The Permit Holder shall provide a report to the Director, Environment Division, Department of Industry and Resources 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 all 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, woodchips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

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

*weed* mean 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

24 December 2008