



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 3566/1
File Number: A0179/200101
Duration of Permit: From 17 April 2010 to 31 March 2015

PERMIT HOLDER

Western Areas NL

LAND ON WHICH CLEARING IS TO BE DONE

Mining Lease 77/582
Mining Lease 77/911

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purposes of mineral exploration.

CONDITIONS

Authorised activity

1. The Permit Holder shall not clear more than 10 hectares of native vegetation within the areas cross-hatched yellow on attached Plan 3566/1.

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.

Dieback and 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* and *dieback*:
 - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) shall only move soils in *dry conditions*;
 - (iii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iv) 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* who shall identify *habitat/habitat trees* suitable to be utilised by fauna species listed below:
 - (i) Carnaby's Cockatoo (*Calypotorhynchus latirostris*); and
 - (ii) Chuditch (*Dasyurus geoffroii*)
- (b) Prior to clearing, any *habitat/habitat trees* identified by Condition 4(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in Condition 4(a).

- (c) Prior to clearing, the Permit Holder shall ensure that any fauna identified by Condition 4(b) shall be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department of Environment and Conservation .

Fauna management – hollows re-location

5. Following completion of the requirements of Condition 4, and where hollows were identified under Condition 4, the Permit Holder shall undertake the following:
- (i) remove and retain intact hollows identified in Condition 4;
 - (ii) identify surrogate trees and locations for relocation of the hollows identified in Condition 5(i); and
 - (iii) install the hollows prior to clearing.

Records to be kept

6. The Permit Holder must maintain the following records for activities done pursuant to this Permit:
- (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;
 - (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/*habitat tree* identified 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 species of fauna reasonably likely to utilise, or that have been observed utilising, the habitat/*habitat trees*; and
 - (iii) the location and date where relocated fauna was released, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings.
 - (c) In relation to fauna management pursuant to Condition 5 of this Permit:
 - (i) the location of each tree that contains hollows, 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 species of fauna reasonably likely to utilise, or that have been observed utilising, the trees that contain hollows;
 - (iii) the location of surrogate trees for relocation with vacant hollows, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; and
 - (iv) the location and date where relocated fauna was released, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings.

Reporting

7. (a) The Permit Holder shall provide a report to the Director, Environment Division, Department of Mines and Petroleum by 31 July for the life of this permit, demonstrating adherence to all Conditions of this permit, and setting out the records required under Condition 6 of this permit in relation to clearing carried out between 1 July and 30 June of the previous year.
- (b) Prior to 31 March 2015, the Permit Holder must provide to the Director, Environment Division, Department of Mines and Petroleum a written report of records required under Condition 6 of this Permit where these records have not already been provided under Condition 7(a) of this Permit.

Definitions

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

dieback means the effect of *Phytophthora* species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

fauna clearing person means a person who has obtained a licence from the *Department*, issued pursuant to the *Wildlife Conservation Regulations 1970* authorising them to take fauna;

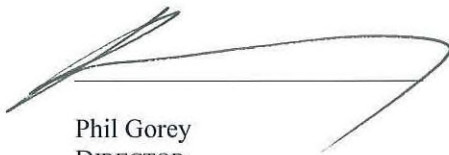
fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna;

fill means material used to increase the ground level, or fill a hollow;

habitat tree(s) means trees that have a diameter, at average adult human chest height, of greater than 70cm, healthy but with dead limbs and broken crowns that are likely to contain hollows and roosts suitable for native fauna, or where these are not present then healthy but with the potential to contain hollows and roosts;

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 *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

18 March 2010