



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	5512/1
Duration of Permit:	From 11 May 2013 to 11 May 2018
Permit Holder:	Anglo American Exploration (Australia) Pty Ltd

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I - CLEARING AUTHORISED

- 1. Land on which clearing is to be done**
Exploration Licence 69/2804
- 2. Purpose for which clearing may be done**
Clearing for the purposes of mineral exploration.
- 3. Area of Clearing**
The Permit Holder must not clear more than 5.93 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 5512/1.
- 4. Application**
This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.
- 5. Compliance with Assessment Sequence and Management Procedures**
Prior to clearing any native vegetation under Conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II - ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

- 6. Avoid, minimise etc clearing**
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.
- 7. Weed Control**
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.

8. Flora management

- (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *botanist*, in accordance with *Guidance Statement No. 51* to inspect that area for the presence of rare flora listed in the *Wildlife Conservation (Rare Flora) Notice 2012(2)* and *priority flora*.
- (b) Where rare flora or *priority flora* are identified in relation to Condition 8(a) of this Permit, the Permit Holder shall ensure that:
 - (i) no clearing occurs within 50 metres of identified rare flora, unless first approved by the *CEO*, and no clearing of identified rare flora occurs unless first approved under section 23F(4) of the *Wildlife Conservation Act 1950*; and;
 - (ii) no clearing of identified *priority flora* occurs and no clearing occurs within 10 metres of identified *priority flora*, unless first approved by the *CEO*.

9. Fauna management

- (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 9(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 first approved by the *CEO*.

PART III - RECORD KEEPING AND REPORTING

10. Records to be kept

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 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 flora management pursuant to Condition 8 of this Permit:
 - (i) the location of each rare and *priority flora* species, 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 each rare and *priority flora* species identified; and
 - (iii) a copy of the *botanist's* flora survey report.
- (c) In relation to fauna management pursuant to Condition 9 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.

11. Reporting

- (a) The Permit Holder shall provide a report to the Executive Director, Environment, 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 10 of this permit in relation to clearing carried out between 1 July and 30 June of the previous financial year.
- (b) Prior to 11 May 2018, the Permit Holder must provide to the Executive Director, Environment, Department of Mines and Petroleum a written report of records required under Condition 10 of this Permit where these records have not already been provided under Condition 11(a) of this Permit.

DEFINITIONS

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

botanist means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora;

CEO means the Chief Executive Officer of the Department of Environment and Conservation or an Officer with delegated authority under Section 20 of the *Environmental Protection Act 1986*;

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;

Guidance Statement No. 51 means the Environmental Protection Authority Guidance Statement No. 51, Guidance for the Assessment of Environmental Factors - Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia (2004);

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;

priority flora means those plant taxa described as priority flora classes 1, 2, 3, 4 or 5 in the *Department of Environment and Conservation's Threatened and Priority Flora List for Western Australia* (as amended);

weed/s means any plant –

- (a) that is declared under the section 37 of the *Agriculture and Related Resources Protection Act 1976*; or;
(b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
(c) not indigenous to the area concerned;



Marnie Leybourne
A/EXECUTIVE DIRECTOR
ENVIRONMENT
DEPARTMENT OF MINES AND PETROLEUM

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

18 April 2013