



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4186/1

File Number: A0257/201101

Duration of Permit: From 2 April 2011 to 30 April 2016

PERMIT HOLDER

Galaxy Resources Limited

LAND ON WHICH CLEARING IS TO BE DONE

Exploration Licence 74/287

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purpose of mineral exploration.

CONDITIONS

Type of clearing authorised

1. The Permit Holder must not clear more than 0.6 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 4186/1.

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.

Flora management

4. (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *botanist* to inspect the area for the presence of the Priority Flora species *Cassinia arcuata*.
 - (b) Where *Cassinia arcuata* are identified in relation to Condition 4(a) of this Permit, the Permit Holder shall ensure that:
 - (i) no clearing of identified *Cassinia arcuata* occurs and no clearing occurs within 10 metres of identified *Cassinia arcuata*, unless approved by the Director, Environment Division, Department of Mines and Petroleum.

Fauna management

5. (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* who shall identify any *habitat trees* or hollow logs suitable to be utilised by fauna species listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2010 (2)*.
 - (b) Where *habitat trees* or hollow logs are identified in relation to Condition 5(a) of this permit, the Permit Holder shall ensure that no clearing occurs within 10 metres of the identified *habitat trees* or hollow logs, unless approved by the Director, Environment Division, Department of Mines and Petroleum.
6. (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* for the presence of *Leipoa ocellata* (Malleefowl) mounds.
 - (b) Where *Leipoa ocellata* (Malleefowl) mounds are identified in relation to Condition 6(a) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified *Leipoa ocellata* (Malleefowl) mounds, unless approved by the Director, Environment Division, Department of Mines and Petroleum.

Records to be kept

7. 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 flora management pursuant to Condition 4 of this Permit:
 - (i) the location of each Priority Flora species *Cassinia arcuata* 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; and
 - (ii) a copy of the botanists flora survey report.
 - (c) In relation to fauna management pursuant to Condition 6 of this Permit, the location of each *Leipoa ocellata* (Malleefowl) mound 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.

Reporting

8. (a) 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 7 of this permit in relation to clearing carried out between 1 July and 30 June of the previous financial year.
 - (b) Prior to 30 April 2016, the Permit Holder must provide to the Director, Environment Division, Department of Mines and Petroleum a written report of records required under Condition 7 of this Permit where these records have not already been provided under Condition 8(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 biology, identification and taxonomy of Western Australian flora;

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

habitat trees 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; and

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

10 March 2011