



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 2680 / 1

File Number: A1318/200801

Duration of Permit: From 20 December 2008 to 15 March 2013

PERMIT HOLDER

Iluka Resources Limited

LAND ON WHICH CLEARING IS TO BE DONE

Mineral Sands (Eneabba) Agreement Act 1975,

Mineral Lease 267SA

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 91.6 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 2680/1.

Avoid, minimise etc clearing

2. In determining the amount of native 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 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) ensure that no *dieback* or 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.

Revegetation and rehabilitation

4. The Permit Holder must revegetate and rehabilitate the area cross-hatched yellow on attached Plan 2680/1 by:

- (i) deliberately laying vegetative material and topsoil sourced from within 30 kilometres of the cleared area;
- (ii) deliberately planting and/or direct seeding native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area; and
- (iii) ensuring only local provenance seeds and propagating material sourced from within 30 kilometres of the area cleared are used to revegetate and rehabilitate the area.

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 cleared in hectares;
 - (iii) the dates on which the area was cleared;
 - (iv) the area rehabilitated in hectares;
 - (v) the method of clearing; and
 - (vi) the purpose of clearing.

Reporting

6. The Permit Holder shall provide a report to the Director, Environment Division, Department of Industry and Resources by 15 March 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 January and 31 December of the previous calendar year.

DEFINITIONS

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

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

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 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*.



Ian Briggs
A/DIRECTOR
ENVIRONMENT DIVISION
DEPARTMENT OF INDUSTRY AND RESOURCES
Officer with delegated authority under Section 20
of the Environmental Protection Act 1986

20 November 2008