



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 4168/2
Permit Holder:	Robe River Mining Company Pty Ltd
Duration of Permit:	4 April 2011 – 4 April 2016

ADVICE NOTE:

This Permit does not confer upon the Permit Holder authorisation to access the land to which the Permit relates.

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

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of constructing a landfill site and access track.

2. Land on which clearing is to be done

Licence Number Lic 00424-2010_2_285

Licence Number Lic 00803-2008_1_78

3. Area of Clearing

The Permit Holder must not clear more than 13.6 hectares of native vegetation within the area cross-hatched yellow on attached Plan 4168/2.

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.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

5. Period in which clearing is authorised

The Permit Holder shall not clear native vegetation unless actively filling with landfill within 2 months of the authorised clearing being undertaken.

6. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *fauna specialist* to conduct a *fauna survey* of the Permit Area to identify *critical habitat* being utilised by the Western Pebble Mound Mouse (*Pseudomys chapmani*).
- (b) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall provide the results of the *fauna survey* in a report to the CEO.
- (c) The *fauna survey* report must include the following:
 - (i) the location of the habitat 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 location of any fauna species, as listed in condition 6(a) 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;
 - (iii) the methodology, used to survey the Permit Area and to establish the *critical habitat*;

- (iv) the extent of the *critical habitat* of the identified fauna shown on a map; and
 - (v) a description of the *critical habitat* of fauna found.
- (d) Where fauna are identified under condition 6(a) of this Permit, the Permit Holder shall ensure that:
- (i) no clearing of *critical habitat* of the identified fauna occurs, unless first approved by the CEO; and
 - (ii) no taking of identified fauna occurs unless first approved by the CEO.

PART III - RECORD KEEPING AND REPORTING

7. Records must be kept

The Permit Holder must maintain the following records in relation to the clearing of native vegetation authorised under this Permit:

- (a) the species composition, structure and density of the cleared area;
- (b) 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;
- (c) the date that the area was cleared; and
- (d) the size of the area cleared (in hectares).

8. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 7 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 4 January 2016, the Permit Holder must provide to the CEO 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:

critical habitat: means any part of the Permit Area comprising of the habitat of flora or fauna species and its population, that is critical for the health and long term survival of the flora or fauna species and its population;

fauna specialist: means a person who holds a tertiary qualification specializing in environmental science or equivalent, and has a minimum of 2 years work experience in fauna identification and surveys of fauna native to the region being inspected or surveyed, or who is approved by the CEO as a suitable fauna specialist for the bioregion, and who holds a valid fauna licence issued under the *Wildlife Conservation Act 1950*;

fauna survey: means a field-based investigation, including a review of established literature, of the biodiversity of fauna and/or fauna habitat of the Permit Area. Where conservation significant fauna are identified in the Permit Area, the survey should also include sufficient surrounding areas to place the Permit Area into local context;

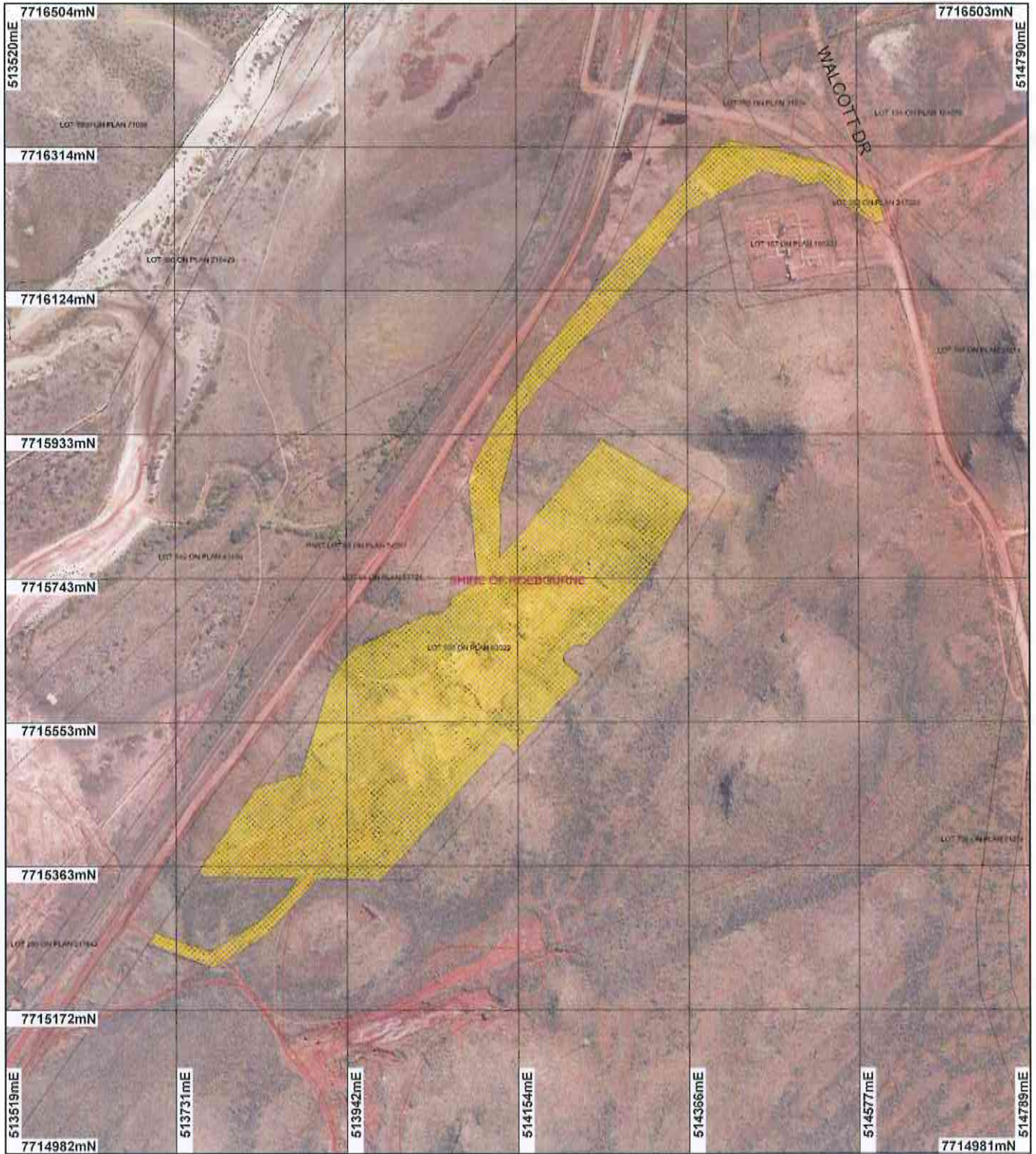


M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

28 November 2013

Plan 4168/2



LEGEND

- Road Centrelines
- Local Government Authorities
- Cadastre for labelling Clearing Instruments
- Areas Approved to Clear

Roebourn 50cm Orthomosaic - Landgate 2007

Scale 1:7000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warlock Date 28/11/13

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

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.

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Department of Environment Regulation
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* Project Data. This data has not been quality assured. Please contact map author for details.



Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 4168/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Robe River Mining Company Pty Ltd

1.3. Property details

Property: LOT 500 ON PLAN 63022 (WICKHAM 6720)
LOT 64 ON PLAN 57724 (Lot No. 64 CAPE LAMBERT WICKHAM 6720)
LOT 542 ON PLAN 43130 (WICKHAM 6720)
UNALLOCATED CROWN LAND (WICKHAM 6720)
LOT 708 ON PLAN 31274 (WICKHAM 6720)
LOT 392 ON PLAN 217328 (WICKHAM 6720)
UNALLOCATED CROWN LAND (WICKHAM 6720)
Local Government Area: Shire of Roebourne
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
13.6		Mechanical Removal	Miscellaneous

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 21 November 2013

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Beard vegetation Type 157: hummock grasslands, grass steppe; hard spinifex, <i>Triodia wiseana</i> . (Shepherd et al 2001).	The clearing of 13.6 hectares within a number of properties in the Shire of Roebourne is for the construction of a landfill site and access track.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The permit has been amended to increase the clearing footprint, include an additional purpose (access track) and include Section 91 licence 00424-201_2_285. The vegetation under application consists of seven vegetation units occurring on two different landform, rocky hills and sandy alluvial plains. Vegetation occurring on the rocky hills consisted of: Acacia bivenosa open shrubland over <i>Triodia wiseana</i> very open hummock grassland in a good condition Acacia inaequilatera scattered tall shrubs over <i>Triodia wiseana</i> very open hummock grassland in a good condition Acacia stellaticeps low open shrubland over <i>Triodia epactia</i> open hummock grassland in good condition Triodia epactia and <i>Triodia wiseana</i> open hummock grassland in very good condition. Vegetation occurring on the sandy Alluvial Plain consists of: Cenchrus ciliaris (buffel grass) tussock grassland with a few native species in a completely degraded condition.

Mixed tussock grassland consisting of *Chrysopogon fallax* and *Fimbristylis dichotoma* and *Triodia epactia* in a good condition.

The weeds Buffel grass (*Cenchrus ciliaris*) and Kapok Bush (*Aerva javanica*) grassland in a completely degraded condition. This area use to be a borrow pit.

Vegetation condition was established through photos and descriptions provided in flora survey report (Western Botanical 2008).

3. Assessment of application against clearing principles

Comments

The permit has been amended to increase the clearing footprint, include an additional purpose (access track) and include Section 91 licence 00424-2010_2_285.

The assessment against the clearing principles has not changed. The findings from the previous assessment are still relevant and can be found in the Clearing Permit Decision Report CPS 4168/1.

Methodology

Planning instrument, Native Title, Previous EPA decision or other matter.

Comments

The assessment against planning instruments and other matters have not changed; the findings from the previous assessment are still relevant and can be found in the Clearing Permit Decision Report CPS 4168/1.

No public submissions have been received in relation to this application.

Methodology

4. References

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.
- Western Botanical (2008). Proposed 7kp Replacement Landfill Site at Cape Lambert: Native Vegetation Clearing Permit Report May - June 2008. Prepared for Pilbara Iron Pty Ltd July 2008.