



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose permit number:	CPS 2472/2
Permit holder:	HBJ Minerals Pty Ltd
Purpose of clearing:	Mineral Exploration
Shire:	Shire of Coolgardie
Duration of permit:	10 August 2008 – 10 August 2025

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The permit holder is authorised to clear native vegetation for the above stated purposes, subject to the conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Land on which clearing is to be done

Lot 103 on Plan 40395

2. Land on which clearing is not authorised

- (a) The Permit holder shall not clear any native vegetation within the area hatched red, as outlined on attached Plan 2472/2.
- (b) The Permit Holder shall not clear native vegetation within 50 metres of the riparian vegetation of any watercourse or wetland within the area cross-hatched yellow on Plan 2472/2

3. Area of clearing

The Permit holder must not clear more than 250 hectares within the area cross-hatched yellow on attached Plan 2472/2.

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.

5. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1 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 for the purpose of the authorised activity the Permit holder must have regard to the following principles, set out in order of preference:

- (a) Avoid the clearing of native vegetation;
- (b) Minimise the amount of native vegetation to be cleared; and
- (c) Reduce the impact of clearing on any environmental value.

7. Weed Control

When undertaking any clearing and *revegetation*, or other activity pursuant to this Permit the Permit holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- (a) Clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;

- (b) Ensure that no *weed*-affected *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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 area shall be inspected by a *flora specialist* who shall identify *priority flora taxa*.
- (b) Where *priority flora taxa* are identified in relation to condition 8(a) the Permit holder shall ensure that:
 - (i) All records of *priority flora taxa* are submitted to the CEO;
 - (ii) No clearing occurs within 10m of identified *priority flora taxa*, unless approved by the CEO.

9. Fauna Management

- (a) Prior to clearing, the site shall be walked, inspected and surveyed by a *fauna specialist* to identify the presence of malleefowl (*Leipoa ocellata*) mounds.
- (b) The Permit holder shall not clear within 50 m of malleefowl (*Leipoa ocellata*) mounds identified in condition 9(a) above.

10. Revegetation

The Permit holder must *revegetate* all areas cleared for the purpose of exploration in accordance with the following:

- (a) The Permit holder shall retain the vegetative material and topsoil removed by clearing in accordance with this Permit;
- (b) Within six months of the area no longer being required for the purpose of the exploration the Permit holder must *revegetate* the area by:
 - (i) Deep ripping the soil of any area to be rehabilitated;
 - (ii) Laying vegetative material and topsoil retained in accordance with condition 10(a) on the area;
- (c) Within one year of undertaking *revegetation* in accordance with condition 10(b), the Permit holder must:
 - (i) Determine the species composition, structure and density of the area *revegetated*;
 - (ii) Where, in the opinion of a *flora specialist*, the composition structure and density determined under condition 10(c)(i) will not result in a similar species composition, structure and density to the pre-clearing vegetation types in that area, the Permit holder must undertake planting or seeding of native vegetation; and
 - (iii) ensure only local provenance seeds and propagating material from within 50 kilometres of the area cleared are used to revegetate the area.

PART III – RECORD KEEPING AND REPORTING

11. Records must be kept

The Permit holder must maintain the following records for activities done pursuant to this Permit, as relevant:

- (a) In relation to the clearing of native vegetation undertaken pursuant to the purpose of clearing:
 - (i) The location where the clearing occurred, recorded using Geocentric Datum Australia 1994;
 - (ii) The date that the area was cleared; and
 - (iii) The size of the area cleared (in hectares).

- (b) In relation to Flora Management pursuant to condition 8:
 - (i) The location of each *priority flora taxon* recorded using Geocentric Datum Australia 1994; and
 - (ii) The species name of each *priority flora taxon* identified.
- (c) In relation to Fauna Management pursuant to condition 9, the location of each malleefowl mound in accordance with condition 9(a) using Geocentric Datum Australia 1994.
- (d) In relation to the revegetation of areas pursuant to conditions 10(b) and (c):
 - (i) The location of any area *revegetated* using Geocentric Datum Australia 1994;
 - (ii) A description of the *revegetation* activities undertaken; and
 - (iii) The size of the area *revegetated* (in hectares).

12. 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 11 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 10 May 2025, the Permit Holder must provide to the CEO a written report of records required under condition 11 of this Permit where these records have not already been provided under condition 12(a) of this Permit.

DEFINITIONS

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

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

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

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 taxa means those plant taxa listed as Priority flora classes 1, 2, 3 or 4 in the *Declared Rare and Priority Flora List for Western Australia*, Department of Environment and Conservation, as amended.

revegetate, revegetated and revegetation means the re-establishment of a cover of native vegetation in an area such that the species composition, structure and density is similar to pre-clearing vegetation types in that area, and can involve regeneration, direct seeding and/or planting.

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*;
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments,
regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

6 June 2013

Plan 2472/2



LEGEND

- | | |
|-----------------------------|-------------------------|
| Clearing Instruments | Road Centrelines |
| Areas Subject to Conditions | Cadastre |
| Areas Approved to Clear | Vilnia 1 km Orthomosaic |



Scale 1:81000
(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 Warnock Date *6/6/13*

M Warnock

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.



Department of Environment and Conservation

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* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 2472/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: HBJ Minerals Pty Ltd

1.3. Property details

Property: LOT 103 ON PLAN 40395 (LONDONDERRY 6429)
Local Government Area: Shire of Coolgardie
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
250		Mechanical Removal	Mineral Exploration

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 6 June 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 associations: 9- Medium woodland; coral gum (E. torquata) & Goldfields blackbutt (E. lesouefi).	The area under application is for clearing of 250 ha for exploration within a ~14,500 ha project area (Location 59 South). The project area is located approximately 6km south-east of the Coolgardie town site.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	A flora survey conducted by Botanica Consulting (2006) identified the vegetation condition of the ten vegetation groups to be predominantly very good.
125- Bare areas; salt lakes.	A flora survey conducted by Botanica Consulting (2006) identified ten vegetation groups within the project area. The vegetation proposed to be cleared is described as predominantly Eucalypt Woodland (Botanica Consulting, 2006).		
936- Medium woodland; salmon gum. (Shepherd, et al 2001).			

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**
The proponent has applied to extend the duration of permit CPS 2472/1 by 12 years. A review of current environmental information reveals no new additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 2472/1

Methodology

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

Comments
The proponent has applied to extend the duration of the permit CPS 2472/1 by 12 years.

No submissions from the public have been received.

Administrative changes to the permit conditions have been made to bring the conditions in line with current Department of Environment and Conservation practice.

Methodology

4. References

Botanica Consulting (2006) Appendix 1: Harmony-South Kal Mines Pty Ltd; Flora survey of Location 59 (within EEL59, S57/10, L15/275 & E15/939), December 2006 Final. TRIM Ref ED1763

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.

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)