



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose permit number:	CPS 2404/3
Permit holder:	HBJ Minerals Pty Ltd
Purpose of clearing:	Mineral Exploration
Shire:	City of Kalgoorlie-Boulder
Duration of permit:	29 June 2008 – 29 June 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 48 on Plan 226304
 Lot 50 on Plan 226299
 Lot 62 on Plan 101674

2. Area of clearing

The Permit holder must not clear more than 215 hectares within the area cross-hatched yellow on attached Plan 2404/3.

3. 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.

4. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1 and 2 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

5. Avoid, minimise etc clearing

- (a) In determining the amount of native vegetation to be cleared for the purposes of mineral exploration 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.

6. 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 50m of Malleefowl (*Leipoa ocellata*) mounds identified in condition 6(a) above.

7. Revegetation

- (a) The Permit holder shall retain the vegetative material and topsoil removed by clearing authorised under this Permit.
- (b) Within six months of the area no longer being required for the purpose of exploration and prospecting 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 7(a) on the area.
- (c) Within one year of undertaking *revegetation* in accordance with condition 7(b), the Permit holder must:
 - (i) Determine the species composition, structure and density of the area *revegetated*;
 - (ii) Where, in the opinion of an *flora specialist*, the composition structure and density determined under condition 7(c)(i) will not result in a similar species composition, structure and density to pre-clearing vegetation types in that area, the Permit holder must undertake planting or seeding of native vegetation; and
 - (iii) Propagative material must be sourced from within 50km of the area to be revegetated.

8. Weed Control

- (a) 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*:
 - (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 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.

PART III – RECORD KEEPING AND REPORTING

9. 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 fauna management pursuant to condition 6:
 - (i) The location of each Malleefowl mound in accordance with condition 6(a) recorded using Geocentric Datum Australia 1994.
- (c) In relation to the *revegetation* of areas pursuant to conditions 7(b) and (c):
 - (i) The location of any area *revegetated* recorded using Geocentric Datum Australia 1994;
 - (ii) A description of the *revegetation* activities undertaken; and
 - (iii) The size of the area *revegetated* (in hectares).

10. 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 9 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 29 March 2025, the Permit Holder must provide to the CEO a written report of records required under condition 9 of this Permit where these records have not already been provided under condition 10(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.

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.

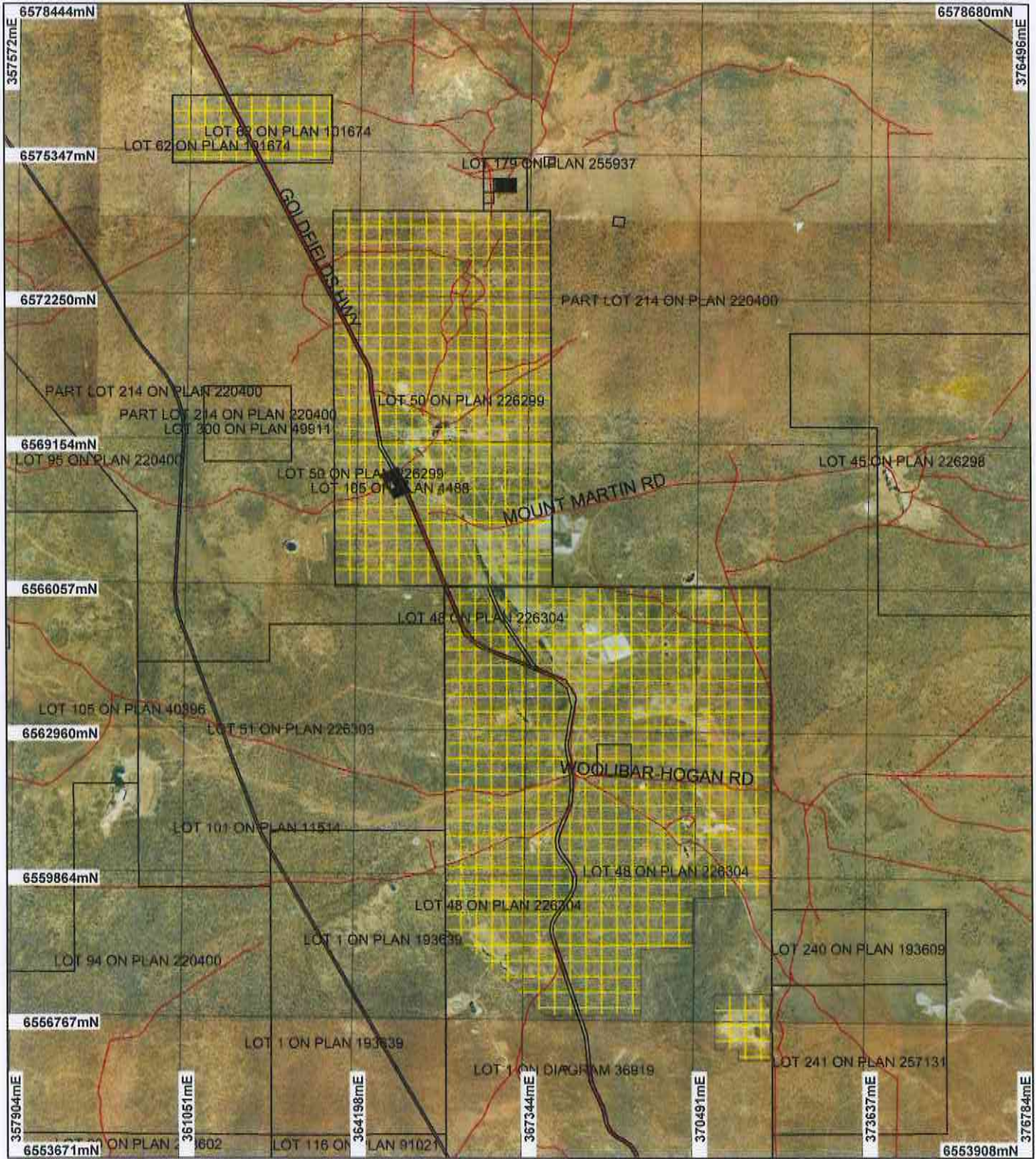


M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

6 June 2013

Plan 2404/3



LEGEND

- Clearing Instruments
- Areas Approved to Clear
- Road Centrelines
- Lake Lefroy 1.4m Orthomosaic - DLI 02
- Kalgoorlie Kurnalpi 50cm Orthomosaic - DLI00
- Cadastre for labelling



Scale 1:110000

(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 6/6/12
Date

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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1. Application details

1.1. Permit application details

Permit application No.: 2404/3
 Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: HBJ Minerals Pty Ltd

1.3. Property details

Property: LOT 62 ON PLAN 101674 (FEYSVILLE 6431)
 LOT 50 ON PLAN 226299 (FEYSVILLE 6431)
 LOT 15 ON PLAN 58833 (FEYSVILLE 6431)
 CROWN RESERVE 2954 (FEYSVILLE 6431)

Local Government Area: Shire of Kalgoorlie - Boulder
 Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
215		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 types: 9: Medium woodland; coral gum (<i>E. torquata</i>) & Goldfields blackbutt (<i>E. lesouefi</i>). 221: Succulent steppe; saltbush. 468: Medium woodland; salmon gum & Goldfields blackbutt. (Shepherd et al. 2001).	The areas under application are for clearing of 215 ha for exploration. The proposed clearing includes 125ha within a ~5,000ha project area in Lot 48; 80ha within a ~3,200ha project area in Lot 50 and 10ha within a ~400ha project area in Lot 62. The areas are located approximately 30-40km south-east of the Kalgoorlie-Boulder town site. The vegetation within the areas in which clearing is to occur consists of 19 different vegetation habitat types (HBJ Minerals, 2008). The areas compromise predominantly Eucalypt woodlands on a variety of soils, <i>Casuarina pauper</i> on calcareous hardpan soils and an understorey that includes <i>Acacia</i> , <i>Senna</i> , <i>Atriplex</i> , <i>Olearia</i> and <i>Eremophila</i> species (HBJ Minerals, 2008).	Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The areas under application have been subject to a history of extensive timber cutting for firewood and livestock grazing (HBJ Minerals, 2008). Further, aerial photography shows the existing mining infrastructure, public roads and a railway line within the areas under application (project areas).

3. Assessment of application against clearing principles

Comments

The proponent has applied to extend the duration of permit CPS2404/1 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 CP2404/1

Methodology

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

Comments

The proponent has applied to extend the duration of the permit CPS2404/1 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

HBJ Minerals (2008) Dioro N.L., HBJ Minerals Pty Ltd: Purpose Permit Application, Hampton Locations 48, 50, 51 & 62, Assessment of Clearing Principles, February 2008. TRIM Ref DOC49123

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)