



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 8765/2
Permit Holder:	Mr Dennis Lohse
Duration of Permit:	21 April 2020 to 21 April 2025

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 mineral exploration.

2. Land on which clearing is to be done

Lot 11 on Plan 48932, Feysville
Lot 12 on Plan 48932, Feysville

3. Area of Clearing

The Permit Holder must not clear more than 5 hectares of native vegetation within the area cross-hatched yellow on attached Plan 8765/2.

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 – MANAGEMENT CONDITIONS

5. Avoid, minimise and reduce the impacts and extent of clearing

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:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

6. Weed control

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*:

- clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

7. Retain vegetative material and topsoil, revegetation and rehabilitation

The Permit Holder shall:

- (a) retain the vegetative material and topsoil removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil in an area that has already been cleared;
- (b) within 12 months following clearing authorised under this permit, *revegetate* and *rehabilitate* the area(s) that are no longer required for mineral exploration by:
 - (i) re-shaping the surface of the land so that it is consistent with the surrounding 5 metres of uncleared land;
 - (ii) ripping the ground on the contour to remove soil compaction;
 - (iii) laying the vegetative material and topsoil retained under condition 7(a) on the cleared area(s); and
 - (iv) undertake *weed* control activities on an ‘as needs’ basis to reduce *weed* cover within the cleared areas to no greater than the *weed* cover within the surrounding 5 metres of uncleared land.

PART III – RECORD KEEPING AND REPORTING

8. Record keeping

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

- (a) 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 or decimal degrees;
- (b) the date(s) that the area was cleared;
- (c) the size of the area cleared (in hectares);
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 5 of this Permit;
- (e) actions taken to minimise the risk of the introduction and spread of *weeds* in accordance with condition 6 of this Permit; and
- (f) in relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 7 of this Permit:
 - (i) the location of any areas *revegetated* and *rehabilitated*, 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) a description of the *revegetation* and *rehabilitation* activities undertaken;
 - (iii) the size of the area *revegetated* and *rehabilitated* (in hectares); and
 - (iv) a description of *weed* control activities undertaken.

9. Reporting

- (a) The Permit Holder must provide to the *CEO* on or before 30 June of each year, a written report containing:
 - (i) the records required to be kept under condition 8 of this Permit; and
 - (ii) records of activities done by the Permit Holder under this Permit between 1 July and 31 June of the preceding calendar year.
- (b) If the Permit Holder considers that the requirements under condition 7 of this Permit have been met, then the Permit Holder may request *CEO* approval to no longer provide records required under condition 9(a) of this Permit.

DEFINITIONS

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

CEO means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

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;

rehabilitate/ed/ion means actively managing an area containing native vegetation in order to improve the ecological function of that area;

revegetate/ed/ion means the re-establishment of a cover of local provenance native vegetation in an area using methods such as natural regeneration, direct seeding and/or planting, so that the species composition, structure and density is similar to pre-clearing vegetation types in that area; and

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 a Department of Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

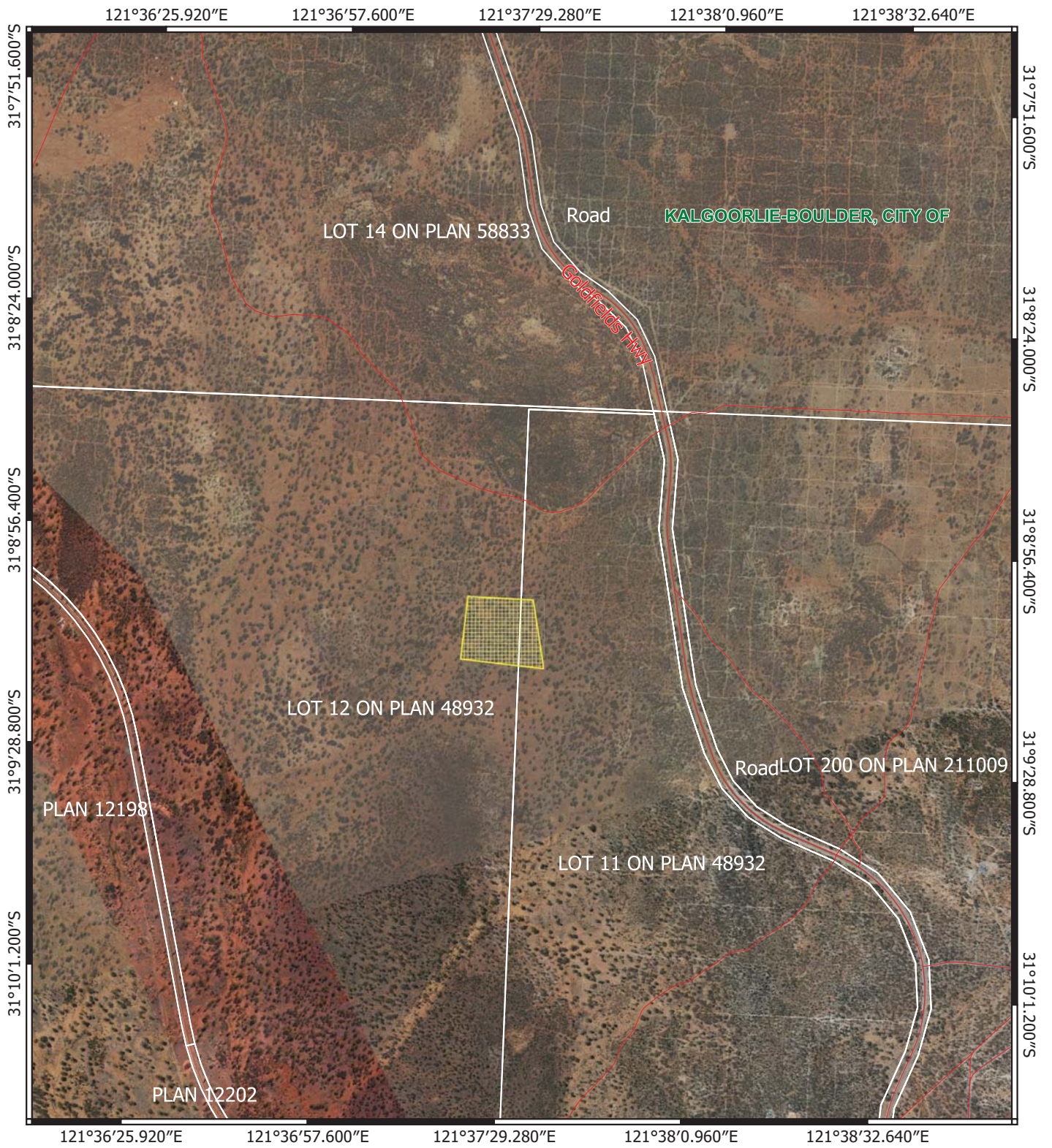


Meenu Vitarana
A/Manager
NATIVE VEGETATION REGULATION

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


17 July 2020

Plan 8765/2





Legend

CPS layers

 CPS areas approved to clear

base layers

 Road Centrelines
 Cadastre - LGATE 218

LGA Boundaries (LGATE-233)

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Officer delegated under section 20 of the
 Environmental Protection Act 1986



GOVERNMENT OF
 WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 8765/2
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Mr Dennis Lohse
Application received date: 11 June 2020

1.3. Property details

Property: Lot 11 on Plan 48932, Feysville
Lot 12 on Plan 48932, Feysville
Local Government Authority: City of Kalgoorlie Boulder
Localities: Feysville

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
5		Mechanical	Mineral exploration

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 17 July 2020

Reasons for Decision: On 30 March 2020, Clearing Permit CPS 8765/1 was granted to allow to clearing of 5 hectares of native vegetation within a 9.66 hectare footprint for the purpose of exploration for gold. An appeal was lodged against the conditions of this permit.

This clearing permit amendment gives effect to the determination of the Minister for Environment (Minister) to allow appeal 017/20 to the extent described. The Minister has requested the Department of Water and Environmental Regulation (DWER) amend Clearing Permit CPS 8765/1 to add rehabilitation conditions requiring:

- retention of vegetative material and topsoil;
- post-clearing revegetation and rehabilitation within the clearing footprint; and
- post-clearing weed management, as necessary to prevent weed spread as a result of the clearing.

Given the above, the Delegated Officer determined to grant a clearing permit subject to the addition of a revegetation and rehabilitation condition developed in consultation with the Department of Mines, Industry Regulation and Safety to align with recognised good practice in the mining industry.

2. Site Information

Clearing Description: The application is for the proposed clearing of a maximum of 5 hectares of native vegetation within a 9.66 hectare area on Lots 11 and 12 on Deposited Plan 48932, Feysville, for the purpose of exploration for gold.

Vegetation Description: The vegetation within the application area is mapped within the Beard vegetation association 9, described as medium woodland; coral gum (*Eucalyptus torquata*) & Goldfields blackbutt (*Eucalyptus lesouefii*) (Shepherd *et al.*, 2001).

Photographs supplied by the applicant indicate that the vegetation within the application area consists predominantly of sparse *Eucalyptus salmonophloia* (salmon gum) over low chenopod shrubland, including an understorey of *Maireana* spp. and *Scaevola spinescens* (Lohse, 2019).

Vegetation Condition: The vegetation within the application area is considered to range from Very Good to Degraded (Keighery, 1994) condition, defined as:

- Very Good: vegetation structure altered, obvious signs of disturbance (Keighery, 1994); and
- Degraded: basic vegetation structure severely impacted by disturbance, scope for regeneration but not to a state approaching good condition without intensive management (Keighery, 1994).

The central 0.3 hectare portion of the application area, where significant disturbance has occurred from previous exploration, and the north-eastern portion where disturbance has

occurred from vehicle access tracks, are considered to be in Degraded (Keighery, 1994) condition. In these areas, some re-growth of chenopod shrubs has occurred following disturbance, however the area remains sparsely vegetated with native species and is largely reduce to exposed sand.

The remainder of the application area is considered to be in Very Good (Keighery, 1994) condition, where there are obvious signs of disturbance from previous exploration activity and vehicle access, but the vegetation structure remains largely intact and has not been subject to significant weed invasion.

The vegetation condition of the application area was determined through aerial imagery and photographs supplied by the applicant (Lohse, 2019).

Soil Type

The soil type within the application area is mapped within the Gumland system (256Gm), described as extensive pedeplains supporting eucalyptus woodlands with halophytic and non-halophytic shrub understoreys (DPIRD, 2017).

Local Area

The local area referred to in the assessment of this application is defined as a 20 kilometre (km) radius measured from the perimeter of the application area.



Figure 1. Application footprint (9.66 hectares, outlined in blue), within which a maximum of 5 hectares is proposed to be cleared.



Figure 2. Photographs of the application area (Lohse, 2019).

3. Assessment of application against clearing principles and planning instruments and other matters

This amendment is the result of an appeal determination made by the Minister for Environment regarding the conditions of Clearing Permit CPS 8765/1.

The assessment against the clearing principles outlined in Schedule 5 of the *Environmental Protection Act 1986* is unchanged and can be found in the Decision Report prepared for Clearing Permit CPS 8765/1.

Planning instruments and other relevant matters.

The assessment against planning instruments and other matters is unchanged and can be found in the Decision Report prepared for Clearing Permit CPS 8765/1.

4. References

Department of Primary Industries and Regional Development (DPIRD) (2017). NRInfo Digital Mapping. Department of Primary Industries and Regional Development. Available from: <https://maps.agric.wa.gov.au/nrm-info/> (accessed March 2020). Government of Western Australia.

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

Lohse, D. (2019) Clearing permit application CPS 8765/1 and supporting information. DWER Ref: A1851831.

Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.