



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3391/2
Permit Holder:	Dioro Exploration NL
Duration of Permit:	7 February 2010 – 7 February 2030

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, drilling and production.

2. Land on which clearing is to be done

LOT 102 ON DEPOSITED PLAN 40393, COOLGARDIE
LOT 103 ON DEPOSITED PLAN 40395, LONDONDERRY
LOT 104 ON DEPOSITED PLAN 40394, LONDONDERRY
LOT 141 ON PLAN 1240, KARRAMINDIE
LOT 142 ON PLAN 1240, KARRAMINDIE
LOT 143 ON PLAN 1240, KARRAMINDIE
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LOT 168 ON PLAN 1095, KARRAMINDIE
LOT 169 ON PLAN 1095, KARRAMINDIE
LOT 170 ON PLAN 1095, KARRAMINDIE

LOT 171 ON PLAN 1095, KARRAMINDIE
LOT 172 ON PLAN 1095, KARRAMINDIE
LOT 50 ON PLAN 1621, KARRAMINDIE
LOT 61 ON DEPOSITED PLAN 226332, KARRAMINDIE

3. Area of Clearing

The Permit Holder must not clear more than 345 hectares of native vegetation within the area hatched yellow on attached Plan 3391/2.

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. Period in which clearing is authorised

The Permit Holder shall not clear any native vegetation after 7 February 2025.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

6. Avoid, minimise etc 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:

- (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. Fauna Management

- (a) Prior to undertaking any clearing authorised under this Permit, the area(s) shall be inspected by a *fauna specialist* for the presence of *Leipoa ocellata* (Malleefowl) mounds.
- (b) Where *Leipoa ocellata* (Malleefowl) mounds are identified in relation to condition 7(a) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified *Leipoa ocellata* (Malleefowl) mounds, unless approved by the CEO.

8. 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) *revegetate* and *rehabilitate* the area(s) that are no longer required for the purpose for which they were cleared under this Permit 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; and
 - (iii) laying the vegetative material and topsoil retained under condition 8(a) on the cleared area(s).
- (c) within 18 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 8(b) of this Permit:
 - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
 - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 8(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, *revegetate* the area by 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 ensuring only *local provenance* seeds and propagating material are used.

- (d) Where additional *planting* or *direct seeding* of native vegetation is undertaken in accordance with condition 8(c)(ii) of this permit, the Permit Holder shall repeat condition 8(c)(i) and 8(c)(ii) within 18 months of undertaking the additional *planting* or *direct seeding* of native vegetation.
- (e) Where a determination by an *environmental specialist* that the composition, structure and density within areas *revegetated* and *rehabilitated* will result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, as determined in condition 8(c)(i) and (ii) of this permit, that determination shall be submitted for the CEO's consideration. If the CEO does not agree with the determination made under condition 8(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 8(c)(ii).

PART III - RECORD KEEPING AND REPORTING

9. Records to be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
 - (i) 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;
 - (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 7, the location of each *Leipoa ocellata* (Malleefowl) mound 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.
- (c) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 8 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 date that the area was *revegetated* and *rehabilitated*;
 - (iv) the size of the area *revegetated* and *rehabilitated* (in hectares);
 - (v) the species composition, structure and density of *revegetation* and *rehabilitation*, and
 - (vi) a copy of the environmental specialist's report.

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 to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar 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 7 November 2029, 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:

direct seeding means a method of re-establishing vegetation through the establishment of a seed bed and the introduction of seeds of the desired plant species;

environmental specialist means a person who is engaged by the Permit Holder for the purpose of providing environmental advice, who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit;

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*;

local provenance means native vegetation seeds and propagating material from natural sources within 50 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared.

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;

planting means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

regenerate/ed/ion means re-establishment of vegetation from in situ seed banks and propagating material (such as lignotubers, bulbs, rhizomes) contained either within the topsoil or seed-bearing mulch;

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.



M Warnock
SENIOR MANAGER
CLEARING REGULATION

Officer delegated under Section 20
of the Environmental Protection Act 1986

17 September 2015

Plan 3391/2



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:80,000

MGA 94

Geocentric Datum of Australia 1994

M Wamock Date *17/9/15*
M Wamock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 3391/2
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Dioro Exploration NL

1.3. Property details

Property: LOT 61 ON PLAN 226332, KARRAMINDIE
LOT 50 ON PLAN 1621, KARRAMINDIE
LOT 172 ON PLAN 1095, KARRAMINDIE
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LOT 103 ON PLAN 40395, LONDONDERRY
COOLGARDIE, SHIRE OF

Local Government

Authority:
DER Region: Goldfields
DPaW District: no district
LCDC: KALGOORLIE
Localities: COOLGARDIE and KARRAMINDIE and LONDONDERRY

1.4. Application

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

1.5. Decision on application

Decision on Permit: Granted
Application:
Decision Date: 17 September 2015

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 Association 123 is described as succulent steppe with open low woodland; sheoak over saltbush & bluebush (Shepherd et al, 2001)	The area under application is for the clearing of 345 hectares for the purposes of mineral exploration, drilling and production. The project area is located approximately 4 kilometres east of the Coolgardie town site, on the Coolgardie-Esperance Highway.	Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994). To Completely Degraded: No longer intact; completely /almost completely without native species (Keighery, 1994).	The application is to amend CPS 3391/1 to extend the permit duration to 2025. A Level 1 Flora and Fauna Survey covering the majority of the application area identified nine vegetation associations including five woodland associations and three shrubland associations (GHD, 2015).
Beard Vegetation Association 936 is described as medium woodland; salmon gum (Shepherd et al, 2001)			
Beard Vegetation Association 9 is described as Medium woodland; coral gum (Eucalyptus torquata) & goldfields blackbutt (E. le souffi), (also some e10,11) (Shepherd et al, 2001)			
Beard Vegetation Association 1294 is described as Medium woodland; coral gum (Shepherd et al, 2001)			
Beard Vegetation Association 125 is described as Bare areas; salt lakes (Shepherd et al, 2001)			

3. Assessment of application against clearing principles

Comments The initial amendment was to amend Clearing Permit CPS 3391/1 to include an additional area and extend the permit duration to 2025. It was found that the additional area overlapped with existing clearing permit CPS 2472/2. The application to increase the permit area was subsequently withdrawn with the application to extend the permit duration remaining valid. Consequently, the applicant has advised that they will submit a further application to amend CPS 2472/2 to include additional purposes for the CPS 2472/2 permit area.

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 3391/1.

Planning instruments and other relevant matters.

Comments Since Clearing Permit CPS 3391/1 was granted on 7 January 2010, annual reports have been submitted to DER by the applicant as per the reporting requirements of the permit. Of the 345 hectares allowable clearing under this permit, a total of 50.549 hectares has been cleared to date. The applicant reported that clearing of a total of 12.74 hectares, 8.27 hectares, 12.729 hectares and 16.81 hectares had been undertaken in 2010, 2011, 2012 and 2013 respectively. It was reported that no clearing was undertaken in 2014.

A strategic review of CPS 3391/1 was undertaken on 12 October 2012. The review determined that the applicant had undertaken pre-clearing inspections for Malleefowl prior to exploration activities in 2011 and that no Malleefowl mounds were observed.

The annual report provided to DER in 2013 advised that rehabilitation works have been carried out in 2012 and 2013 where exploration activities have been completed.

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.
- GHD (2015) Metals X Limited. Location 59 Tenement. Flora and Fauna Assessment. Perth, Western Australia. DER Ref: A942395.
- Shepherd, D.P. (2007) Adapted from: 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.