



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5816/2
Permit Holder:	Hamersley Iron Pty Ltd
Duration of Permit:	14 November 2013 – 14 November 2018

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 water recovery at Minthi Spring.

2. Land on which clearing is to be done

The land the subject of Deed of Licence No. 2423/101 under the *Conservation and Land Management Act 1984*, including portions of the following properties;

Lot 121 on Deposited Plan 219121, Karijini (Reserve 41696)

Lot 126 on Deposited Plan 240332, Karijini (Reserve 30082)

3. Area of Clearing

The Permit Holder must not clear more than 1.25 hectares of native vegetation within the area hatched yellow on attached Plan 5816/2.

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. 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.

DEFINITIONS

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

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;

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 Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

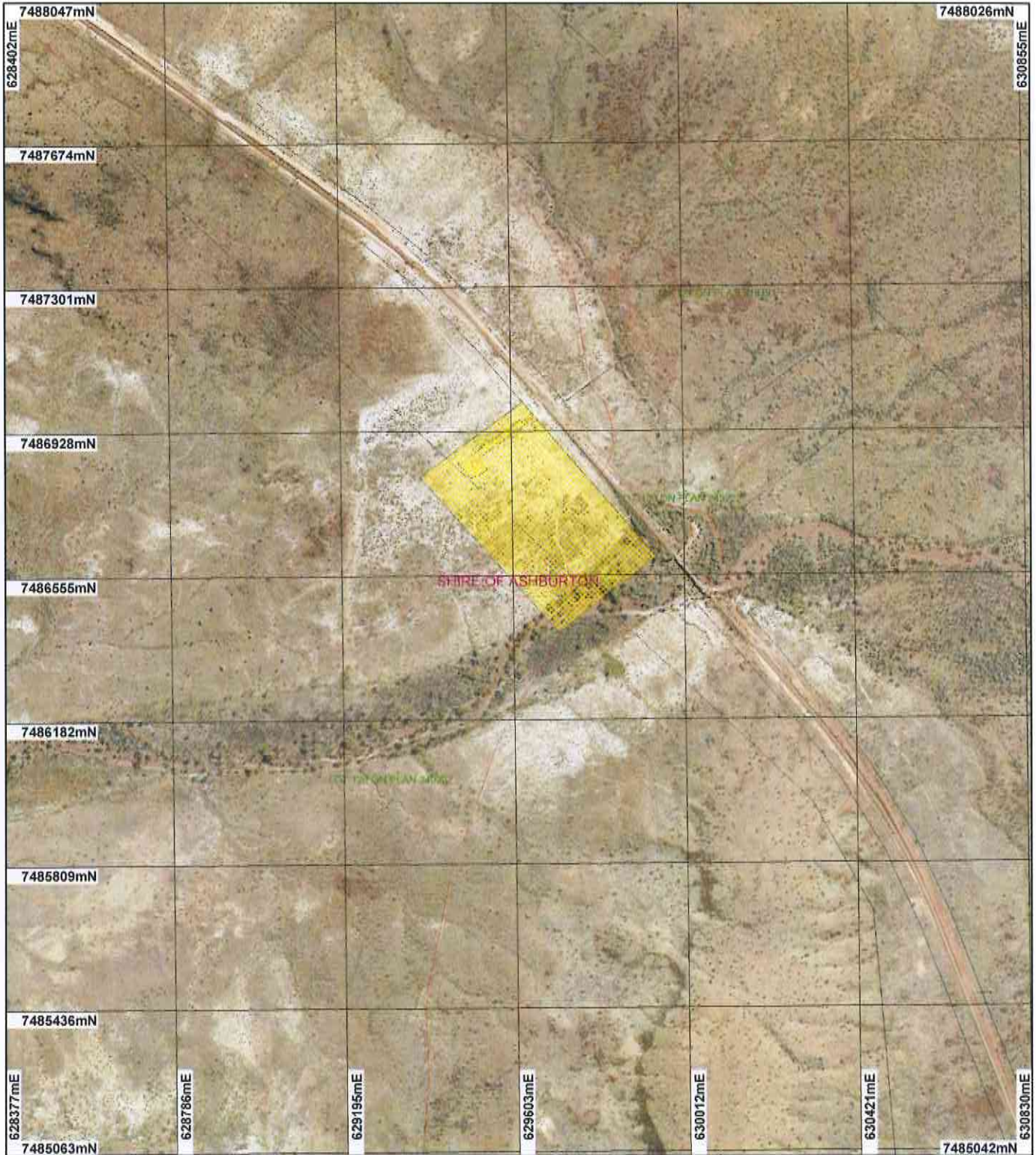


M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

8 January 2015

Plan 5816/2



LEGEND

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

Mount Bruce 50cm
Orthomosaic - Landgate
2004

Scale 1:13636
(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 8/1/15
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.

Government of Western Australia
Department of Environment Regulation
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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 5816/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Hamersley Iron Pty Ltd

1.3. Property details

Property: LOT 126 ON PLAN 240332 (KARIJINI 6751)
LOT 121 ON PLAN 219121 (KARIJINI 6751)

Local Government Area: Shire of Ashburton

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.25		Mechanical Removal	Water/gas/cable/pipeline/power installation

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 8 January 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
Mapped Beard Vegetation Association 567 is described as hummock grasslands, shrub steppe; mulga and kanji over soft spinifex and <i>Triodia basedowii</i> (Shepherd et al 2001).	The clearing of 1.25 hectares of native vegetation within Lot 121 on Deposited Plan 219121 and Lot 126 on Deposited Plan 240332, Karijini, Shire of Ashburton, is for the purpose of water recovery at Minthi Spring.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The application is to clear 1.25 hectares of native vegetation for the purpose of water recovery at Minthi Spring. A 17.26 hectare study area surrounding the proposed 1.25 hectare clearing area was surveyed by a Rio Tinto botanist on 20 and 21 August 2013 (Rio Tinto 2013). The vegetation in the 17.26 hectare study area is predominantly in very good to excellent (Keighery 1994) condition, with some areas in completely degraded (Keighery 1994) condition where disturbance from vehicle tracks has occurred. The water pipe installation will follow existing tracks where possible, so the vegetation proposed to be cleared is likely to be predominantly in degraded to completely degraded (Keighery 1994) condition. The vegetation within the 17.26 hectare study area consists predominantly of <i>Eucalyptus</i> sp. and <i>Acacia</i> sp. low mallee woodland over tussock and hummock grassland (Rio Tinto 2013). The condition and description of the vegetation was determined by supporting information from the applicant (Rio Tinto 2013).

3. Assessment of application against clearing principles

Comments

This amendment has been made to increase the clearing area from 0.5 hectares to 1.25 hectares.

The assessment against the clearing principles has not changed and can be found in clearing permit decision report CPS 5816/1.

Methodology

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

Comments

The assessment against planning instruments and other matters has not changed and can be found in clearing permit decision report CPS 5816/1.

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.
- Rio Tinto (2013) Statement Addressing the 10 Clearing Principles - Minthi Spring, September 2013 (DER Ref: A680287).
- 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.