



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Purpose Permit number:</b> | CPS 5894/1                        |
| <b>Permit Holder:</b>         | BHP Billiton Iron Ore Pty Ltd     |
| <b>Duration of Permit:</b>    | 11 January 2014 – 11 January 2019 |

### ADVICE NOTE:

This Permit does not confer upon the Permit Holder authorisation to access the land to which the Permit relates.

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 maintaining an accommodation camp and irrigation farm and fence line installation.

**2. Land on which clearing is to be done**

Lot 22 on Deposited Plan 220355, Capricorn  
Lot 13 on Deposited Plan 187280, Capricorn

**3. Area of Clearing**

The Permit Holder must not clear more than 2.5 hectares of native vegetation within the area hatched yellow on attached Plan 5894/1.

**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 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 the former Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.



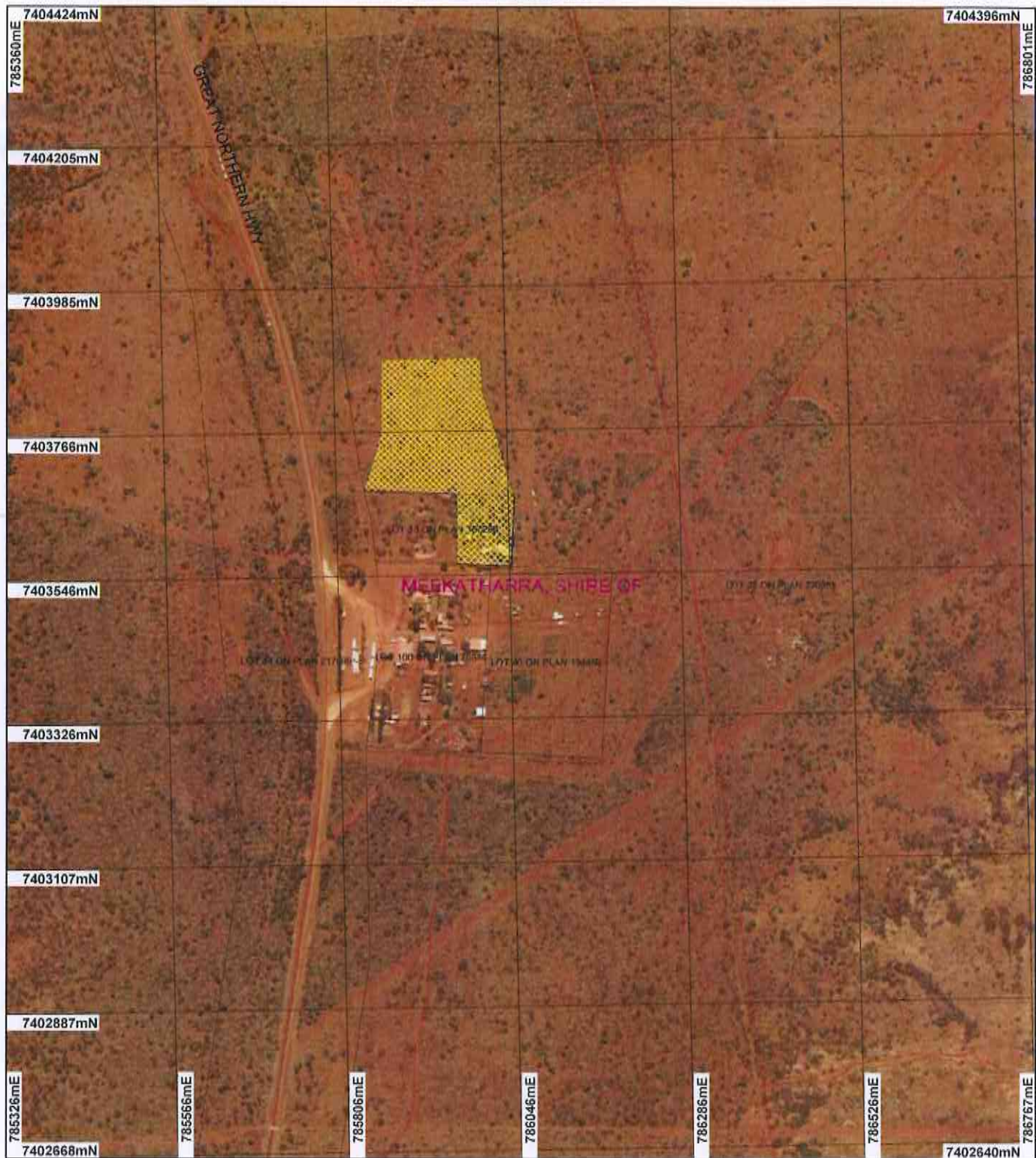
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M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

12 December 2013

# Plan 5894/1



## LEGEND

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

Newman 1.4m Orthomosaic - Landgate 2003



Scale 1:8028  
(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 12/11/13  
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.



Government of Western Australia  
Department of Environment Regulation

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





# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 5894/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: BHP Billiton Iron Ore Pty Ltd

### 1.3. Property details

Property: LOT 22 ON DEPOSITED PLAN 220355 (CAPRICORN 6642)  
LOT 13 ON DEPOSITED PLAN 187280 (CAPRICORN 6642)  
Local Government Area: Shire of Meekatharra

### 1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of:   |
|--------------------|-----------|--------------------|---|
| 2.5                |           | Mechanical removal | Maintaining an accommodation camp and irrigation farm and fence line installation |

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 12 December 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  |
|--|--|--|--|
| The vegetation under application is mapped as Beard Vegetation Association 216, which is described as low woodland comprised of mulga (with spinifex) on rises (Shepherd et al. 2001). | The proposed clearing consists of 2.5 hectares of native vegetation within Lot 22 on Deposited Plan 220355, and Lot 13 on Deposited Plan 187280 Capricorn, for the purpose of accommodation camp and irrigation farm maintenance and fence installation. | Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)<br><br>To<br><br>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) | The vegetation under application consists predominantly of mixed Mulga Woodland over spinifex and tussock grasses on a sandy loam plain (Onshore Environmental, 2013).<br><br>The vegetation description and condition were determined via a Flora and Vegetation and Fauna Assessment undertaken by Onshore Environmental (2013). |

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

**Comments** The proposed clearing consists of 2.5 hectares of native vegetation within Lot 22 on Deposited Plan 220355, and Lot 13 on Deposited Plan 187280 Capricorn, for the purpose of maintaining an accommodation camp and irrigation farm and fence line installation. The vegetation is in a good to degraded (Keighery, 1994) condition, with the majority of the vegetation in a degraded (Keighery, 1994) condition (Onshore Environmental, 2013).

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is not likely to be at variance to any of the clearing Principles.

The proposed clearing will increase the likelihood of weeds spreading into adjacent vegetated areas. Weed management practices will assist in mitigating the risk of spreading weeds.

There have been no submissions received from the public for the proposed clearing.

| Methodology | GIS Datasets:                    | References:                              |
|-------------|----------------------------------|--|
|             | Hydrology, linear                | Keighery (1994)                          |
|             | Aboriginal Sites of Significance | Government of Western Australia (2013)   |
|             | DEC Tenure                       | DPaW (2007-)                             |
|             | Pre-European Vegetation          | Northcote et al (1960-68)                |
|             | Town Planning Scheme Zones       | Onshore Environmental (2013)             |
|             | ANCA, Wetlands                   | SAC Biodatasets (Accessed November 2013) |

#### 4. References

- DPaW (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dpaw.wa.gov.au/>. Accessed November 2013.
- Government of Western Australia. (2013). *2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis* (Full Report). Accessed September 2013. WA Department of Environment and Conservation, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.
- Onshore Environmental (2013) Flora and Vegetation and Fauna Assessment. Additional Information for CPS 5894/1. DER Ref A695092.
- 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.