



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5120/1
<b>Permit Holder:</b>	Hamersley Iron Pty Ltd
<b>Duration of Permit:</b>	19 October 2012 to 30 September 2017

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 road realignment, intersection upgrade and associated activities.

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

Nanutarra- Wittenoom Road reserve, (MOUNT SHEILA, 6751) (PIN 11731091)

**3. Area of Clearing**

The Permit Holder must not clear more than 7.1 hectares of native vegetation within the area hatched yellow on attached Plan 5120/1.

**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.

**5. Compliance with Assessment Sequence and Management Procedures**

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

**6. Type of clearing authorised**

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the right to access land under the *Land Administration Act 1997* or any other written law.

### PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

**7. 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:

- 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.

## 8. 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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 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;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (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 previous calendar year.
- (b) Prior to 30 June 2017 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:

*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 a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

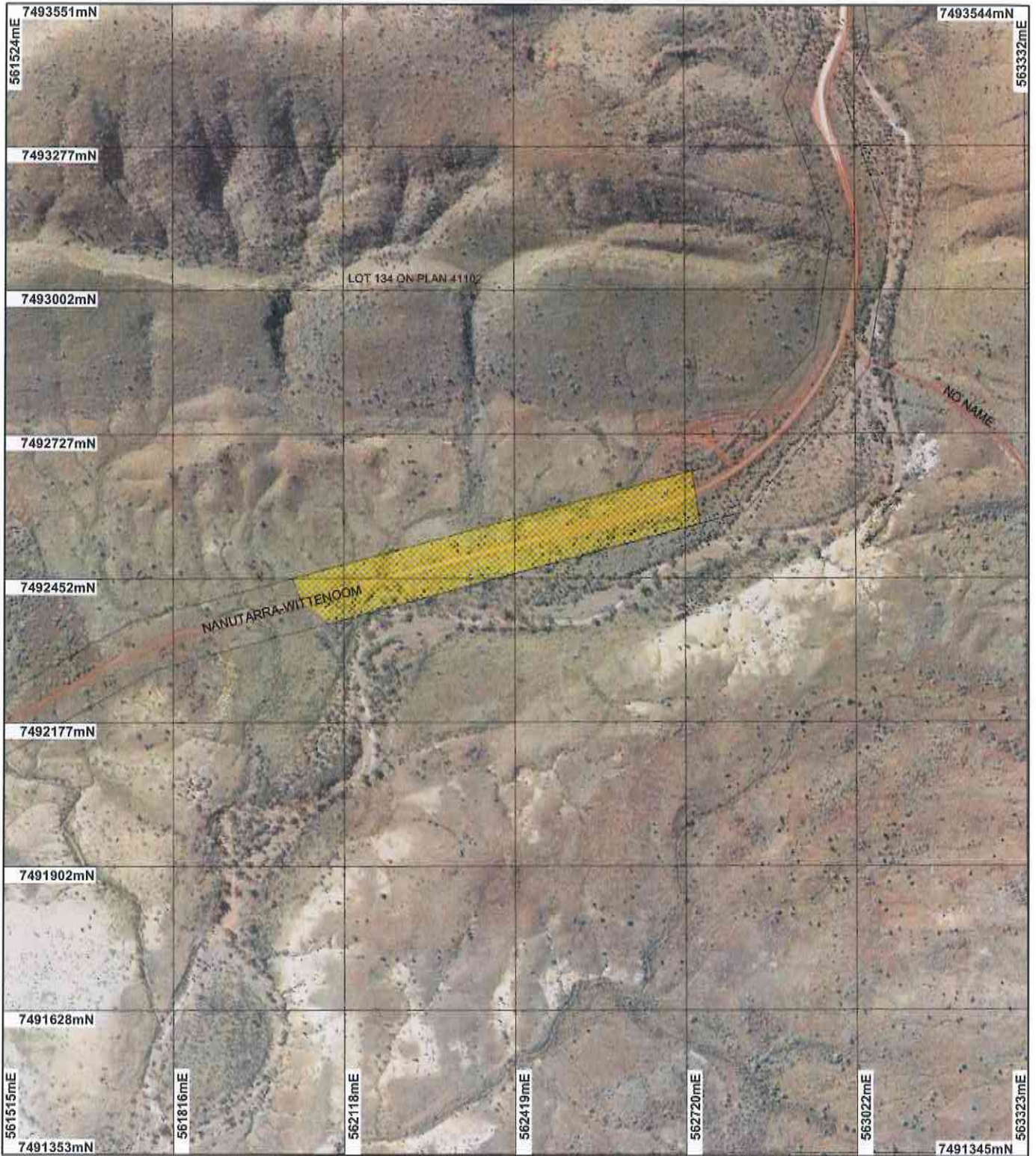


Roxanne Shadbolt  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

27 September 2012

# Plan 5120/1

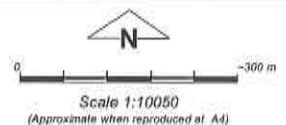


## LEGEND

- Road Centrelines**  
**Cadastre for labelling**
- Freehold
  - Crown Reserve
  - State Forest / Timber Reserve
  - Marine Park (cont)

- Crown Lease
- Lease / Reserve
- Lease on State Forest / Timber Reserve
- Public Roads
- Unallocated Crown Land
- Water

- Clearing Instruments**
- Areas Applied to Clear
  - Areas Subject to Conditions
  - Areas Approved to Clear
- Mount Lionel 50cm Orthomosaic - Landgate 2004**



Geocentric Datum Australia 1984  
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

*R. Shadbolt* 25/9/12  
 Roxane Shadbolt

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.





## 1. Application details

### 1.1. Permit application details

Permit application No.: 5120/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Hamersley Iron Pty Ltd

### 1.3. Property details

Property: ROAD RESERVE ( MOUNT SHEILA 6751)  
Local Government Area: Shire of Ashburton  
Colloquial name: Nanutarra – Witternoom Road reserve

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
7.1		Mechanical Removal	Road construction or maintenance

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 27 September 2012

## 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 & kanji over soft spinifex & T. basedowii (Shepherd et al. 2001).	The proposed clearing 7.1 hectares is for the purpose of road realignment, intersection upgrade and associated activities.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)  To  Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was established through aerial photography (Mount Lionel 50cm Orthomosaic - Landgate 2004)

## 3. Assessment of application against clearing principles

### Comments

The proposed clearing 7.1 hectares is for the purpose of road realignment, intersection upgrade and associated activities.

There are no rare or priority flora species or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area, and would not have a detrimental impact on fauna as the local area is highly vegetated and is likely to contain similar habitat in better condition than the area under application.

It is not considered for the proposed clearing to impact on conservation areas as none occur within the local area (10 km radius) of the proposed clearing.

Numerous minor non-perennial watercourses cross through the area under application and a major non-perennial watercourse occurs adjacent to the proposed clearing. Therefore the proposed clearing is considered to contain riparian vegetation and is at variance to Principle (f). Weed management measures would reduce the degradation of the adjacent riparian vegetation.

The proposed clearing may also cause short term sedimentation of surface water due to runoff into watercourses during the rainy season and therefore may be at variance to Principle (i). These issues should be minimal if appropriate infrastructure is put in place to manage runoff. Weed management measures would reduce the degradation of the adjacent riparian vegetation.

The assessment of the application identified that the clearing is at variance to principles (f) and may be a variance to principle (i). The proposed clearing is not likely to be at variance to the remaining clearing principles.

- Methodology**    **References**
- Keighery (1994)
  - GIS databases:
    - Clearing Regulations - Environmentally Sensitive Areas
    - Hydrography, linear
    - Pre-European vegetation
    - SAC Biodatasets (Accessed 13 July 2012)

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

**Comments**

The proposed clearing 7.1 hectares is for the purpose of road realignment, intersection upgrade and associated activities within Nanutarra - Munjina (Wittenoom) Road reserve, Mount Sheila.

The applicant is in the process of obtaining approval to access and clear within Nanutarra - Munjina (Wittenoom) Road reserve from Main Roads Western Australia (MRWA) for the purpose of road re-alignment.

The area under application occurs within a Rights in Water and Irrigation Act 1914 surface water area. Any interference with the bed or banks of a watercourse will require a bed and banks permit from Department of Water (Department of water 2012).

No submissions from the public have been received.

- Methodology**    **References**
- Department of Water (2012)

**4. References**

Department of Water (2012) Direct Interest Submission for CPS 5120/1 - Hamersley Iron Pty Ltd. DEC ref A526059

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)