



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Purpose Permit Number: 4134/1  
File Number: 2010/010951-1  
Duration of Permit: From 14 February 2011 to 14 February 2012

### **PERMIT HOLDER**

Department of Water

### **LAND ON WHICH CLEARING IS TO BE DONE**

Road Reserve (ALLANOOKA 6525) PIN 11670057  
Lot 3716 on Plan 232349 (House No. 4060 BURMA MOUNT HORNER 6525)

### **PURPOSE FOR WHICH THE CLEARING MAY BE DONE**

Clearing for the purpose of installing groundwater monitoring bores

### **CONDITIONS**

1. The Permit Holder must not clear more than 0.1 hectares of native vegetation within the areas shaded yellow on attached Plan 4134/1a and Plan 4134/1b.

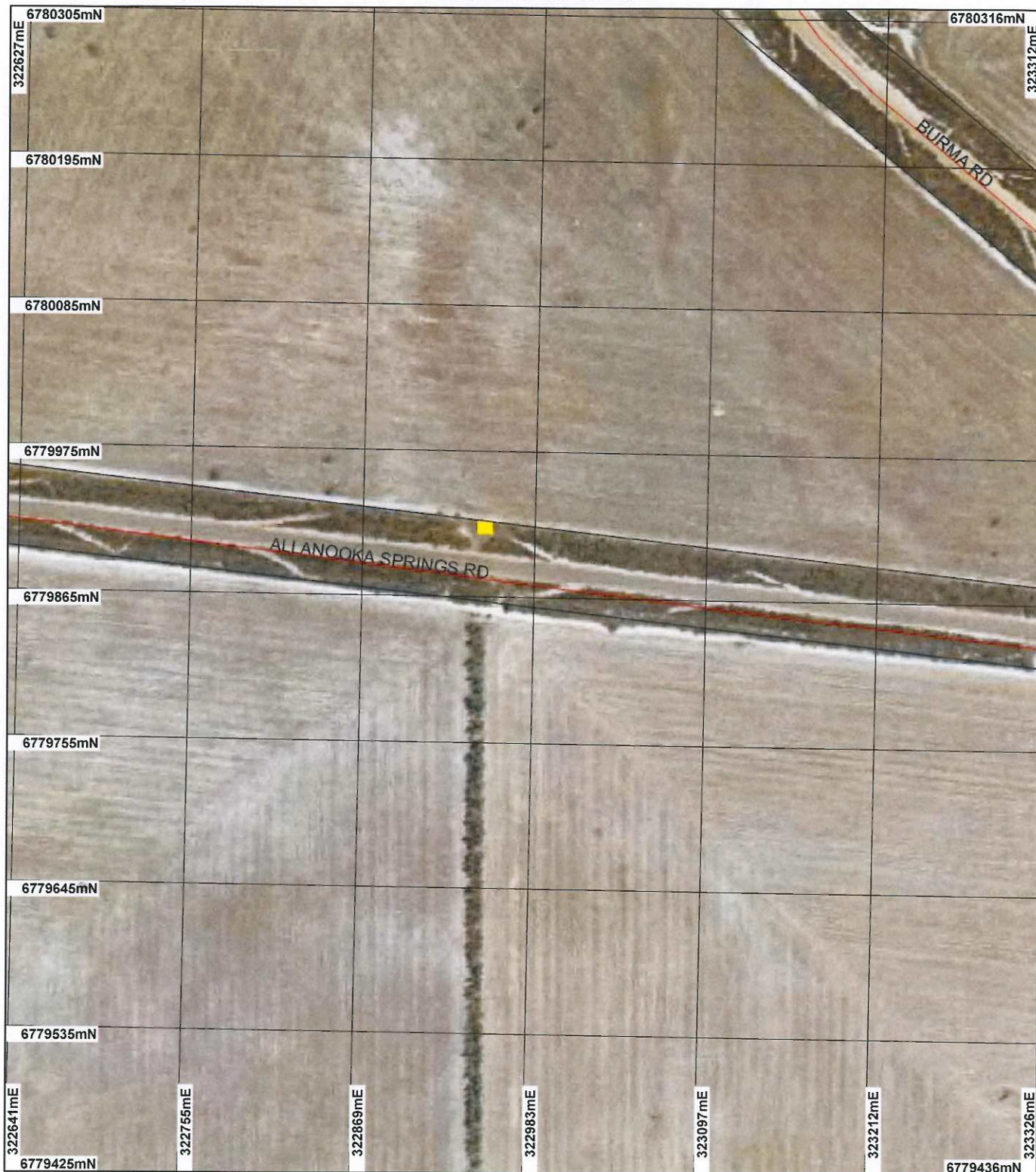
A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

20 January 2011

# Plan 4134/1a



## LEGEND

- Clearing Instruments
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre

Mingenew 1.4m Orthomosaic - Landgate 2001

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



0 ————— 100 m

Scale 1:3934

(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.

*[Signature]* Date 28/1/11  
K Faulkner

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

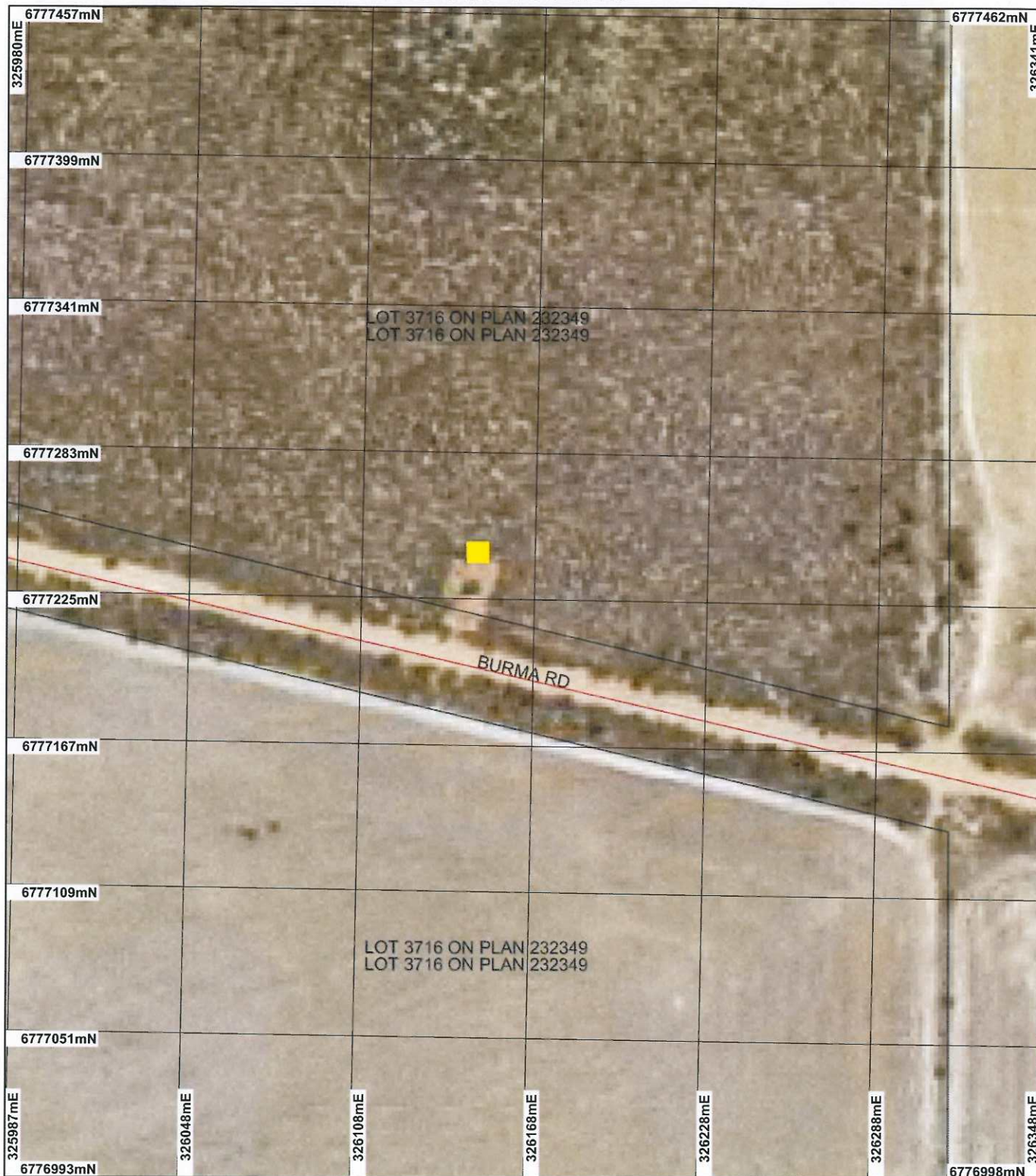
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of Environment and Conservation

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# Plan 4134/1b



## LEGEND

- Clearing Instruments
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre

Mingenev 1.4m Orthomosaic - Landgate 2001



0 ————— 50 m

Scale 1:2075  
(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.

Date 26/1/11

K Faulkner

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

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## 1. Application details

### 1.1. Permit application details

Permit application No.: 4134/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Department of Water

### 1.3. Property details

Property: ROAD RESERVE ( ALLANOOKA 6525)  
LOT 3716 ON PLAN 232349 (House No. 4060 BURMA MOUNT HORNER 6525)  
LOT 3716 ON PLAN 232349 (House No. 4060 BURMA MOUNT HORNER 6525)

Local Government Area:

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.1		Mechanical Removal	Bore construction

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 20 January 2011

## 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 being composed of Beard 379: Shrublands; scrub-heath on lateritic sandplain in the central Geraldton Sandplain Region (Shepherd, 2009).	Both areas proposed to be cleared are situated adjacent to existing disturbances, which include roads and cleared areas for agriculture. The vegetation to be cleared is considered to be in degraded (Keighery, 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The description and condition of the vegetation under application was determined via the use of aerial imagery.

## 3. Assessment of application against clearing principles

Comments	Proposal is not likely to be at variance to this Principle
	The proposal to clear 0.1 hectares of native vegetation for the purpose of installing groundwater monitoring bores within Lot 3716 (Mount Horner) and Allanooka Road Reserve is unlikely to have any significant environmental impacts. Approximately 0.05ha is to be cleared from each location and the vegetation present at both locations is considered to be in a degraded (Keighery, 1994) condition.
	There are no declared rare flora species or threatened ecological communities within the vicinity of the project.
	Given the clearing consists of 0.1 ha of degraded (Keighery, 1994) native vegetation, it is unlikely the proposal will be considered as significant fauna habitat; impacting on conservation areas; or causing or exacerbating land degradation, water quality or flooding.
Methodology	It is considered that it is not likely to be at variance to any of the principles.
	Reference: Keighery (1994) GIS Layers: - CALM Managed Lands & Waters - CALM 01/06/05 - Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005 - Groundwater Salinity, statewide - DoW 13/07/06 - Hydrogeographic Catchments, Catchments - DoW 01/06/07

- Hydrogeology, statewide - DOW 13/07/06
- Hydrography, linear DOW 13/7/06
- Mattiske Vegetation Complexes (01/03/1998)
- Pre-European vegetation - DA 01/01
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets (accessed Dec 2010)

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

##### Comments

The Shire of Irwin has no objections with the proposal and has given permission to the applicant to undertake works within the road reserve.

The land owners of Lot 3716 on Plan 232349 have provided written consent for DoW to access and clear within their property.

The northern area under application lies within the Gascoyne Groundwater Area and the southern area is within the Arrowsmith groundwater area.

##### Methodology

GIS database:

- Cadastre - Landgate Dec 07
- Native Title Claims - LA 2/5/07
- RIWI Act, Groundwater Areas - DoW 13/07/06
- RIWI Act, Irrigation Districts - DoW 13/07/06
- Town Planning Scheme Zones - MFP 31/08/98
- Aboriginal Sites of Significance 26 April 2007

#### 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.
- Shepherd, D.P. (2009) 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.

#### 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)