



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5845/3
<b>Permit Holder:</b>	Alinta Energy Transmission (Roy Hill) Pty Ltd
<b>Duration of Permit:</b>	18 January 2014 – 18 January 2019

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 constructing transmission line infrastructure, access tracks, laydown areas and a fence line.

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

Lot 1547 on Deposited Plan 74347 (Newman 6753)  
Lot 555 on Deposited Plan 400578 (Newman 6753)  
Lot 556 on Deposited Plan 400578 (Newman 6753)  
Lot 1580 on Deposited Plan 72910 (Newman 6753)  
Lot 99 on Deposited Plan 220355 (Newman 6753)  
Lot 19 on Deposited Plan 48921 (Newman 6753)  
Lot 351 on Deposited Plan 74327 (Newman 6753)  
Lot 300 on Deposited Plan 44340 (Newman 6753)  
Lot 353 on Deposited Plan 74327 (Newman 6753)  
Lot 349 on Deposited Plan 74327 (Newman 6753)  
Lot 352 on Deposited Plan 74327 (Newman 6753)  
Lot 163 on Deposited Plan 216869 (Newman 6753)  
Lot 71 on Deposited Plan 216352 (Newman 6753)  
Lot 154 on Deposited Plan 192801 (Newman 6753)  
Lot 174 on Deposited Plan 219293 (Newman 6753)  
Lot 175 on Deposited Plan 219293 (Newman 6753)  
Lot 223 on Deposited Plan 216869 (Newman 6753)  
Lot 176 on Deposited Plan 219293 (Newman 6753)  
Lot 201 on Deposited Plan 219293 (Newman 6753)  
Lot 400 on Deposited Plan 71872 (Newman 6753)  
Lot 500 on Deposited Plan 217443 (Newman 6753)  
Marble Bar Road reserve, PIN 11734468, PIN 11734467, PIN 11734466, PIN 11735082,  
PIN 11735083 and PIN 11735084 (Newman 6753)  
Noreena Roy Hill Road reserve, PIN 11734465 (Newman 6753)

#### **3. Area of Clearing**

The Permit Holder must not clear more than 221 hectares of native vegetation within the area shaded yellow on attached Plan 5845/3a, Plan 5845/3b, Plan 5845/3c, Plan 5845/3d, Plan 5845/3e and Plan 5845/3f.

#### **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**

- (a) 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*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
  - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

### **6. 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) at an *optimal time* following clearing authorised under this Permit *revegetate* and *rehabilitate* area(s) that are no longer required for the purpose for which they were cleared under this Permit by:
- (i) ripping the ground on the contour to remove soil compaction; and
  - (ii) laying the vegetative material and topsoil retained under condition 6(a) on the area(s) that are no longer required for the purpose for which they were cleared under 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;

***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;

***optimal time*** means the period from November to December for undertaking *direct seeding*.

***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; and

***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 Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



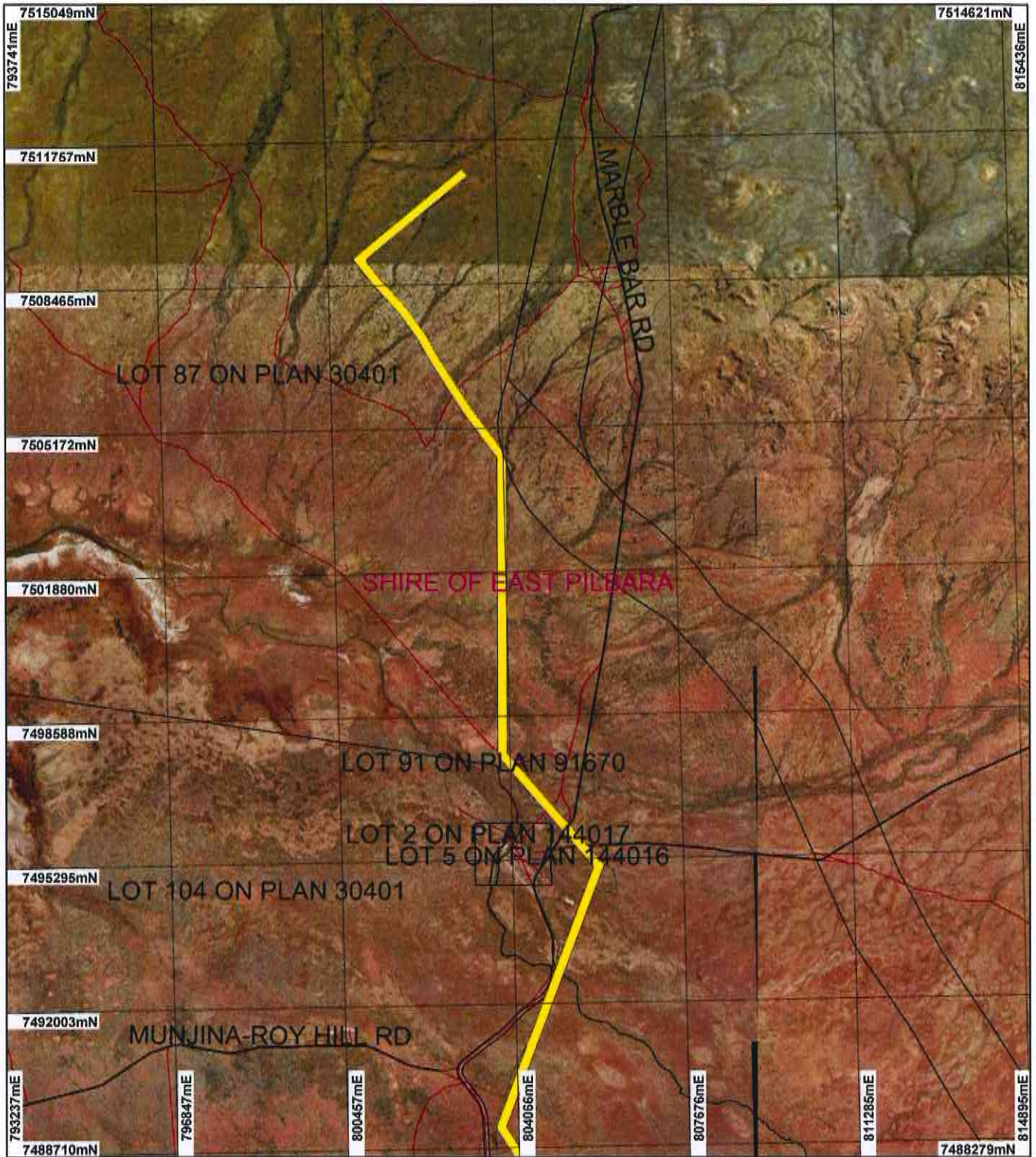
M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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

15 October 2015



# Plan 5845/3a

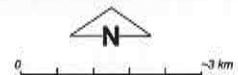


## LEGEND

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

Western Australia Landsat Mosaic 25m - AGO 2006  
 Murrumunda 1.4m Orthomosaic - Landgate 2003  
 Ethel Creek 50cm Orthomosaic - Landgate 2004

Koy Hill 50cm Orthomosaic - Landgate 2004  
 Newman 1.4m Orthomosaic - Landgate 2003



Scale 1:120328  
 (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 15/10/15  
 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.



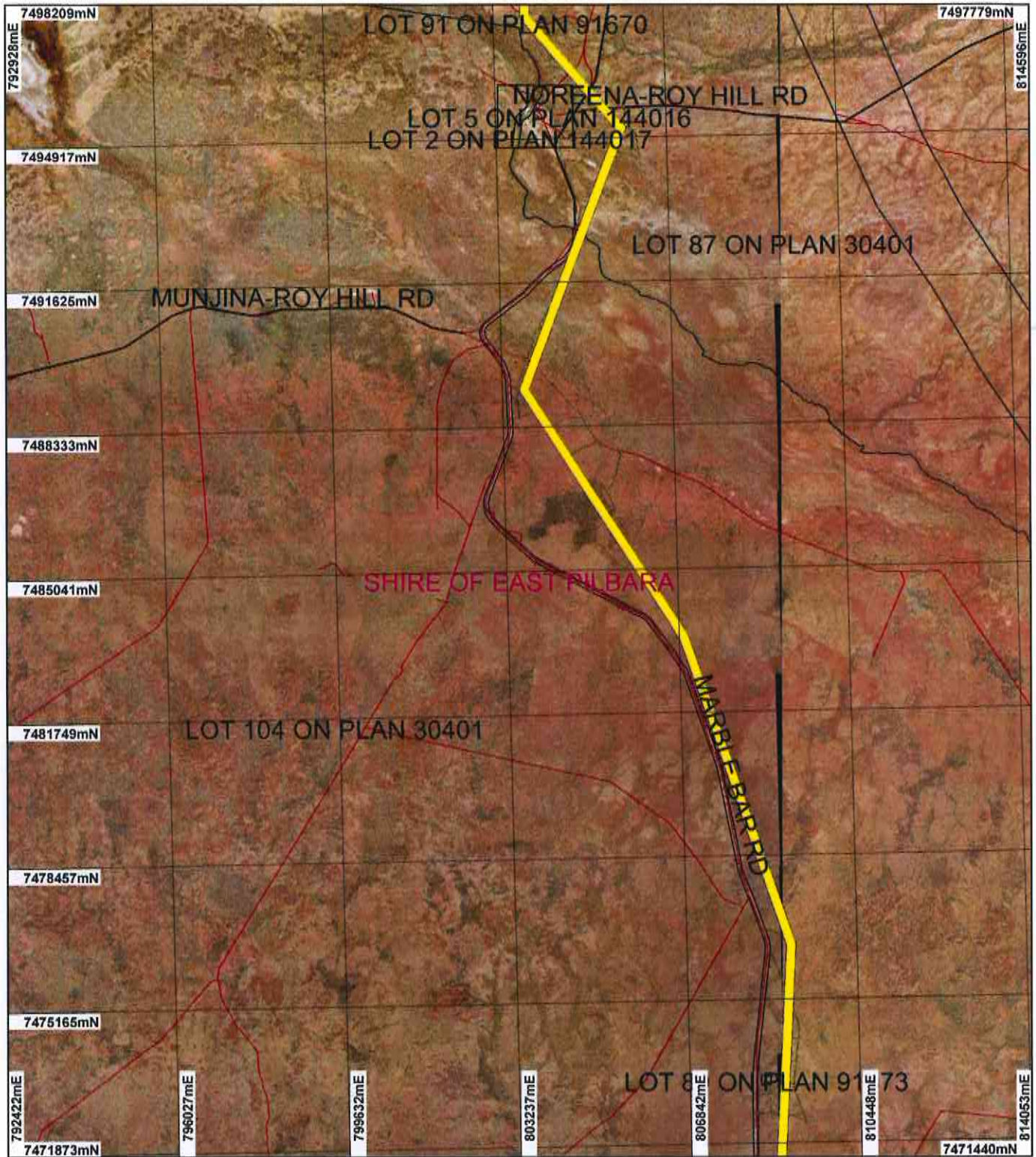
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 Department of Environment Regulation

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# Plan 5845/3b

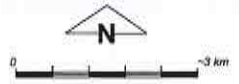


## LEGEND

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

Western Australia Landcat Mosaic 25m - AGO 2006  
 Murrumunda 1.4m Orthomosaic - Landgate 2003  
 Ethel Creek 50cm Orthomosaic - Landgate 2004

Koy Hill 50cm Orthomosaic - Landgate 2004  
 Newman 1.4m Orthomosaic - Landgate 2003



Scale 1:120259  
 (Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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*M Warnock* Date 15/10/18

M Warnock  
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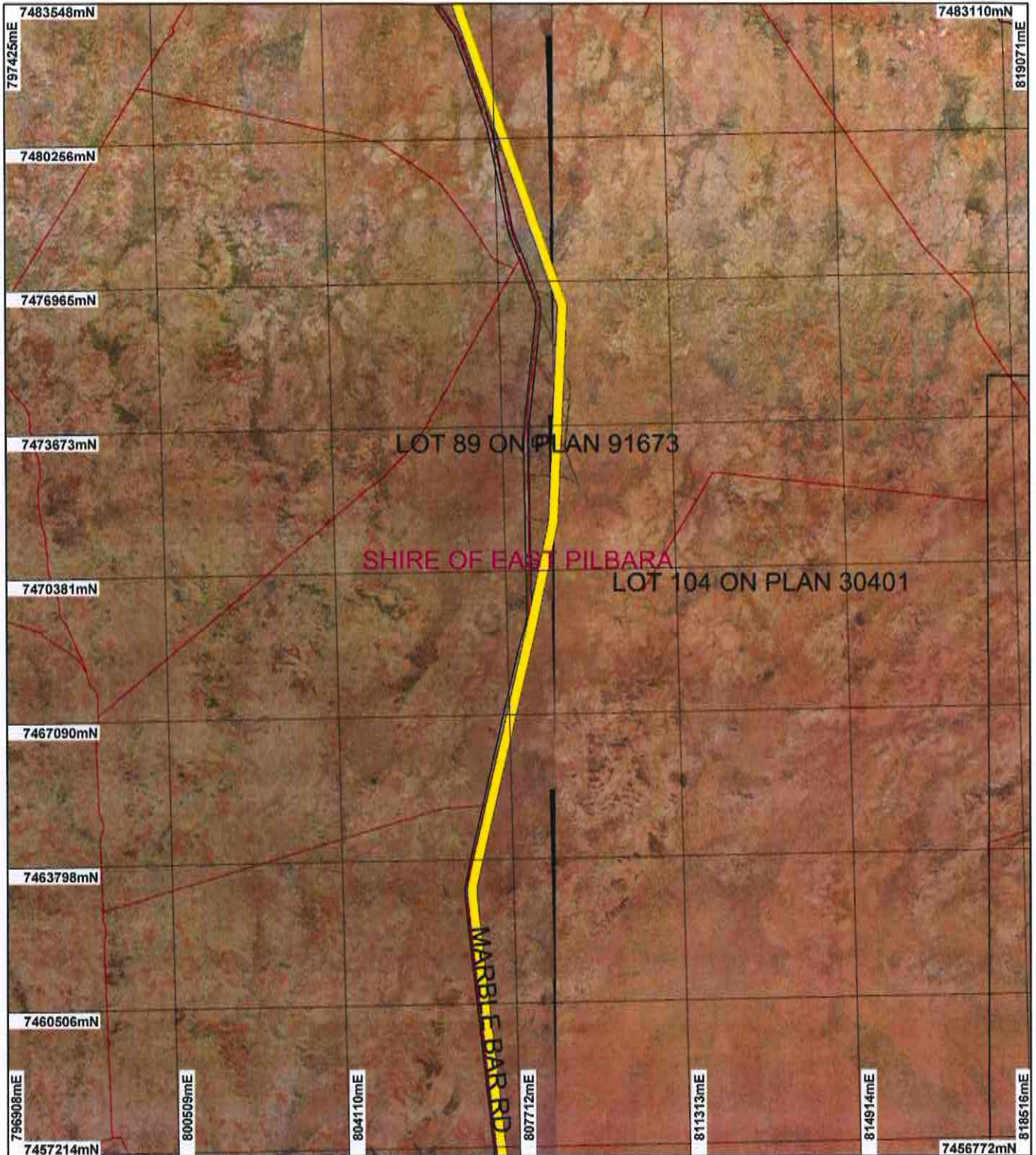


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# Plan 5845/3c



## LEGEND

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

Western Australia Landsat Mosaic 25m - AGO 2008  
 Murrumunda 1.4m Orthomosaic - Landgate 2003  
 Ethel Creek 50cm Orthomosaic - Landgate 2004

Koy Hill 50cm Orthomosaic - Landgate 2004  
 Newman 1.4m Orthomosaic - Landgate 2003



Scale 1:120199  
 (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 15/10/15  
 M Warnock

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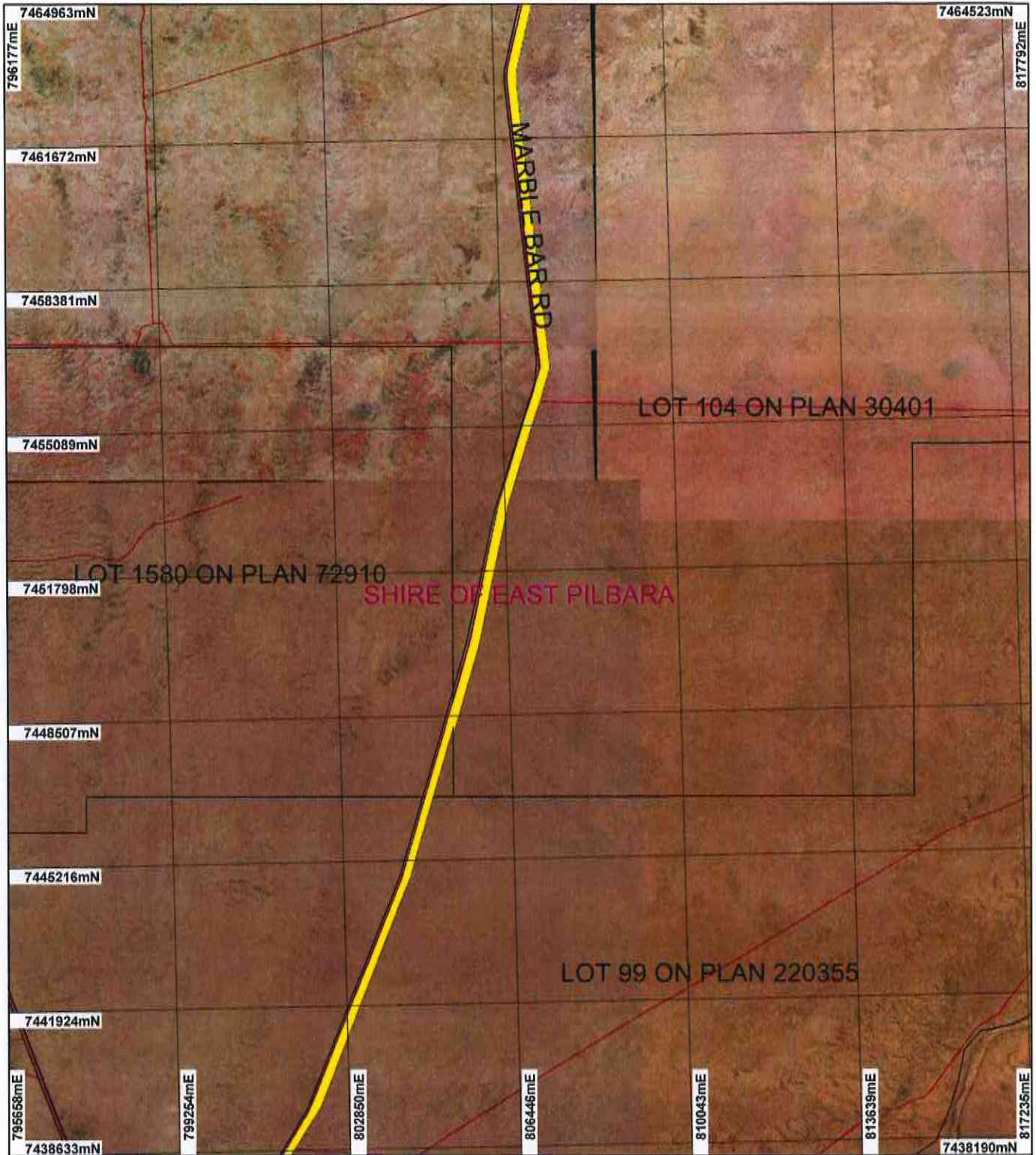
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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



# Plan 5845/3d



## LEGEND

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

Western Australia Landsat Mosaic 25m - AGO 2006  
 Murrumunda 1.4m Orthomosaic - Landgate 2003  
 Ethel Creek 50cm Orthomosaic - Landgate 2004

Hoy Hill 50cm Orthomosaic - Landgate 2004  
 Newman 1.4m Orthomosaic - Landgate 2003



Scale 1:120122  
 (Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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*M Warnock* Date *15/10/15*  
 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.



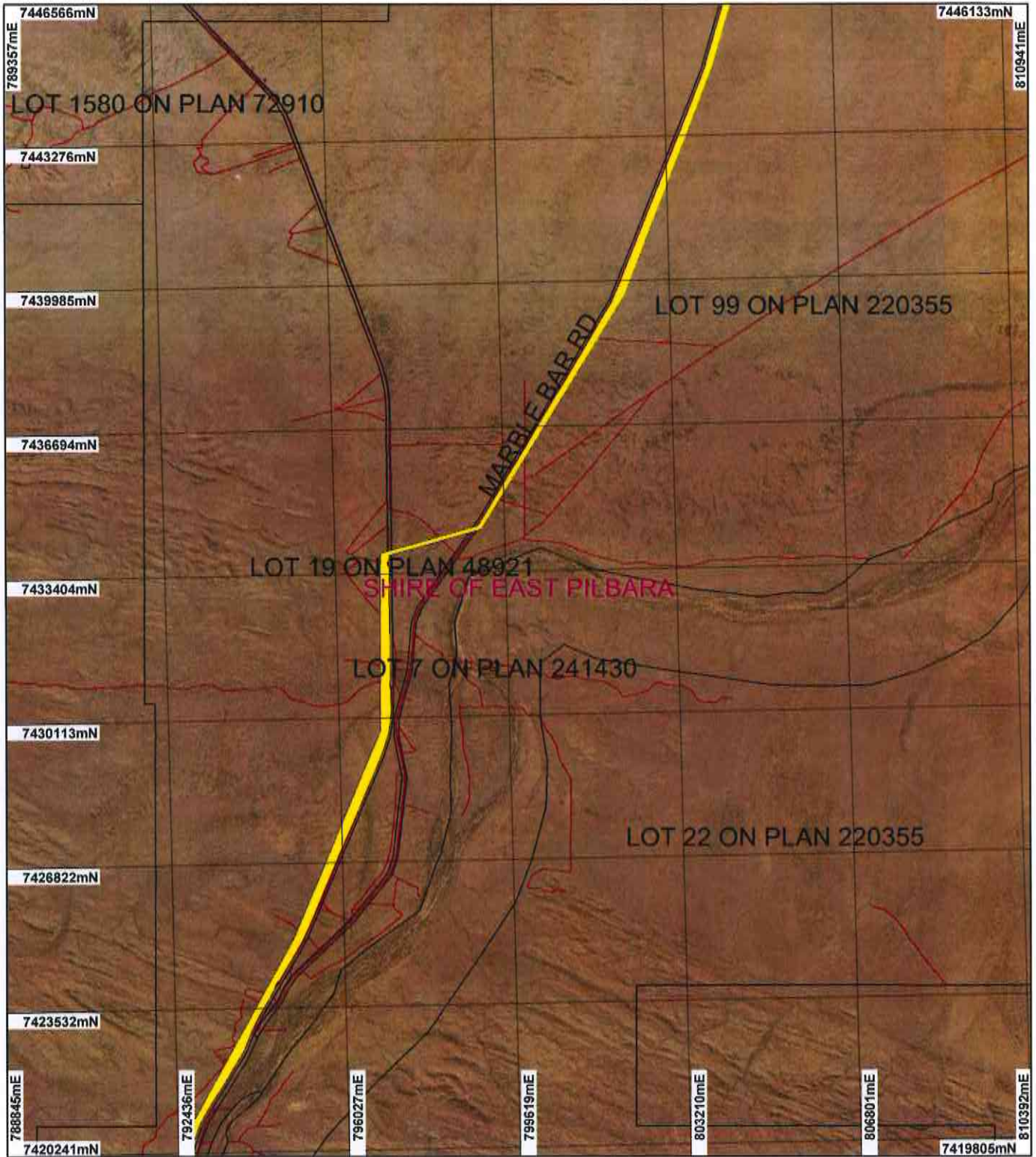
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# Plan 5845/3e

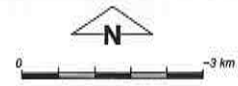


## LEGEND

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

Western Australia Landsat Mosaic 25m - AGO 2006  
 Murrumunda 1.4m Orthomosaic - Landgate 2003  
 Ethel Creek 50cm Orthomosaic - Landgate 2004

Koy Hill 50cm Orthomosaic - Landgate 2004  
 Newman 1.4m Orthomosaic - Landgate 2003



Scale 1:120045  
 (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 15/10/15  
 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.



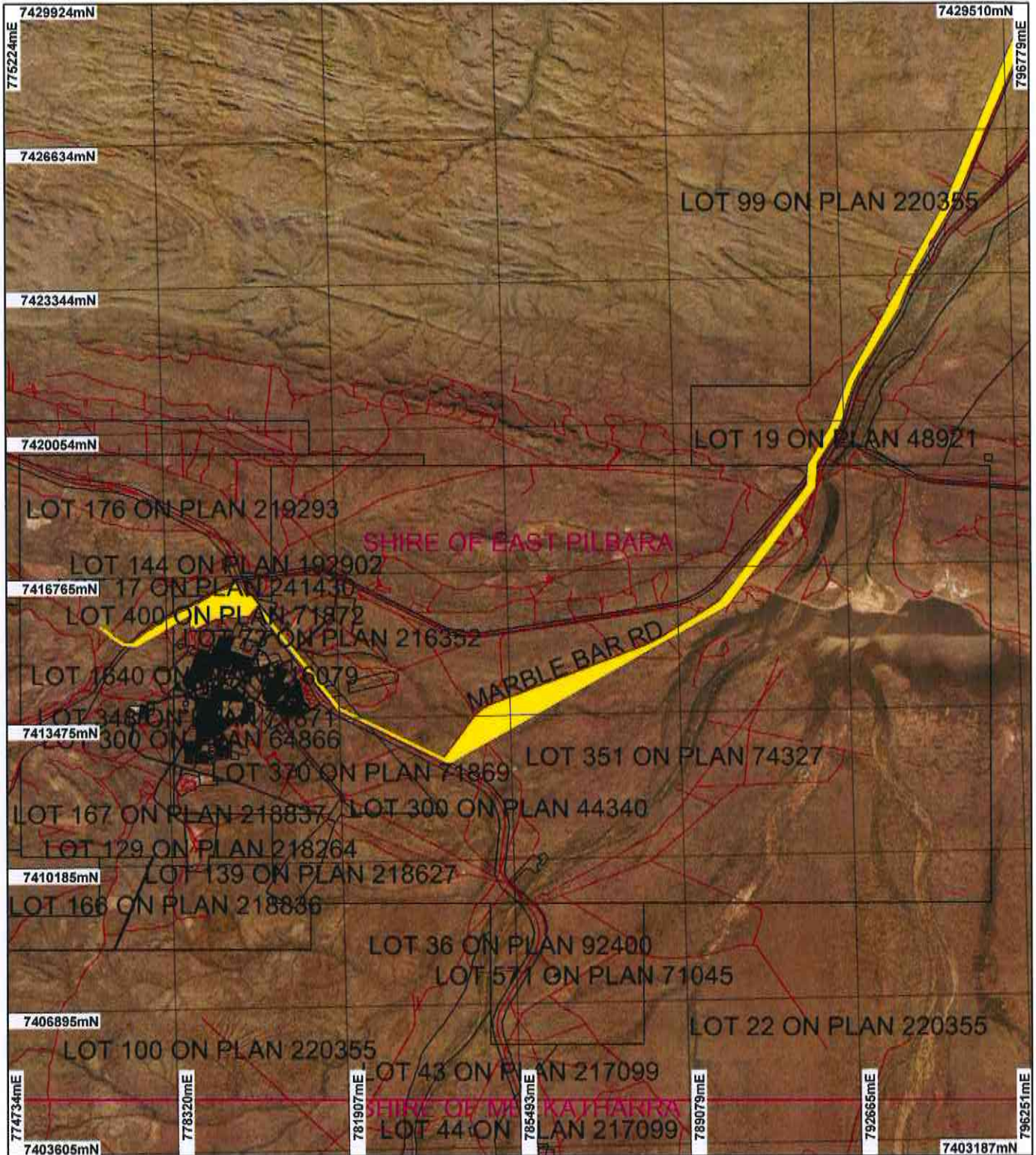
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# Plan 5845/3f

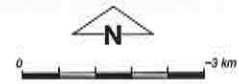


## LEGEND

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

Western Australia Landsat Mosaic 25m - AGO 2006  
 Murrumunda 1.4m Orthomosaic - Landgate 2003  
 Ethel Creek 50cm Orthomosaic - Landgate 2004

Koy Hill 50cm Orthomosaic - Landgate 2004  
 Newman 1.4m Orthomosaic - Landgate 2003



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 15/10/15  
 M Warnock

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## 1. Application details

### 1.1. Permit application details

Permit application No.: 5845/3  
Permit type: Purpose Permit

### 1.2. Applicant details

Applicant's name: Alinta Energy Transmission (Roy Hill) Pty Ltd

### 1.3. Property details

Property: LOT 99 ON PLAN 220355, NEWMAN  
LOT 71 ON PLAN 216352, NEWMAN  
LOT 556 ON PLAN 400578, NEWMAN  
LOT 555 ON PLAN 400578, NEWMAN  
LOT 500 ON PLAN 217443, NEWMAN  
LOT 400 ON PLAN 71872, NEWMAN  
LOT 353 ON PLAN 74327, NEWMAN  
LOT 352 ON PLAN 74327, NEWMAN  
LOT 351 ON PLAN 74327, NEWMAN  
LOT 349 ON PLAN 74327, NEWMAN  
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LOT 1580 ON PLAN 72910, NEWMAN  
LOT 154 ON PLAN 192801, NEWMAN  
LOT 1547 ON PLAN 74347, NEWMAN  
ROAD RESERVE - 11735084, NEWMAN  
ROAD RESERVE - 11735083, NEWMAN  
ROAD RESERVE - 11734465, NEWMAN  
ROAD RESERVE - 11734466, NEWMAN  
ROAD RESERVE - 11734468, NEWMAN  
ROAD RESERVE - 11734467, NEWMAN  
ROAD RESERVE - 11735082, NEWMAN

Local Government Authority: EAST PILBARA, SHIRE OF  
DER Region: NORTH WEST  
LCDC: EAST PILBARA  
Localities: NEWMAN

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Granted  
Decision Date: 15 October 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
The vegetation under application is mapped as Beard vegetation associations (Shepherd et al. 2001):  29 - sparse low woodland; mulga, discontinuous in scattered groups.  197 - sedgeland; sedges with scattered medium trees; coolabah over various sedges & forbes.	The clearing of 221 hectares of native vegetation is for the construction of transmission line infrastructure, access tracks, a laydown area and a stock fence.	Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994).  To	The condition of the native vegetation under application was determined by a flora survey undertaken by Ecoscape (2013).



676- succulent steppe; samphire.

111 - hummock grasslands, shrub steppe; Eucalyptus gamophylla over hard spinifex.

82 - hummock grasslands, low tree steppe; snappy gum over *Triodia wiseana*.

18 - low woodland; mulga (*Acacia aneura*).

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

### **3. Assessment of application against clearing principles**

**Comments** This amendment has been made to include an additional 60 hectares of native vegetation within the existing clearing footprint and include the additional purpose of fence construction.

The assessment against the clearing principles has not changed and can be found in Clearing Permit Decision Report CPS 5845/1.

### **Planning instruments and other relevant matters.**

**Comments** The assessment of planning instruments and other matters has not changed and can be found in Clearing Permit Decision Report CPS 5845/1.

### **4. References**

Ecoscope (2013) Newman - Roy Hill Transmission Line Survey - Version 11. Western Australia. DER Ref: A686966.

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.