



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5939/1
<b>Permit Holder:</b>	Samsung Construction and Technology Corporation
<b>Duration of Permit:</b>	28 June 2014 – 28 June 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 road construction.

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

Lot 19 on Deposited Plan 48921, Newman

Lot 104 on Deposited Plan 30401, Newman

Lot 145 on Deposited Plan 243202, Newman

Marble Bar Road reserve (PIN 11734467), Newman

Munjina-Roy Hill Road reserve (PIN 11879968, PIN 1018286 and PIN 11742998), Newman

**3. Area of Clearing**

The Permit Holder must not clear more than 1.81 hectares of native vegetation within the combined areas shaded yellow on attached Plan 5939/1(a), Plan 5939/1(b), Plan 5939/1(c), Plan 5939/1(d), Plan 5939/1(e), Plan 5939/1(f) and Plan 5939/1(g).

**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.

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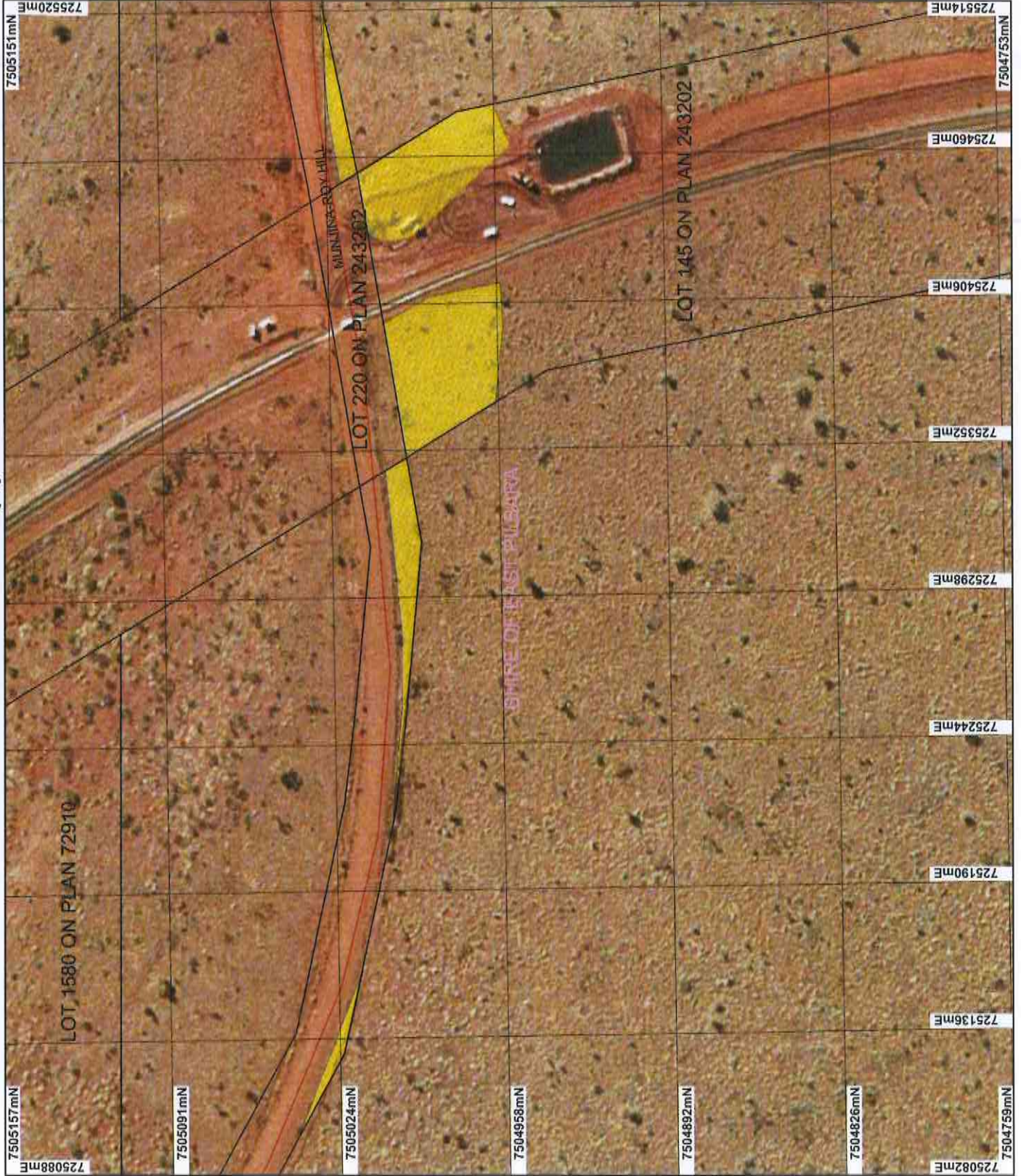
M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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

29 May 2014



# Plan 5939/1 (a)



## LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Local Government Authorities
- Weell Woolli 50cm Orthomosaic - Landgate 2004



0 50 m

Scale 1:2000

(Approximate when reproduced at A4)

Geocentric Datum Australia 1984

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

*M Waincock* Date 29/5/14

M Waincock

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

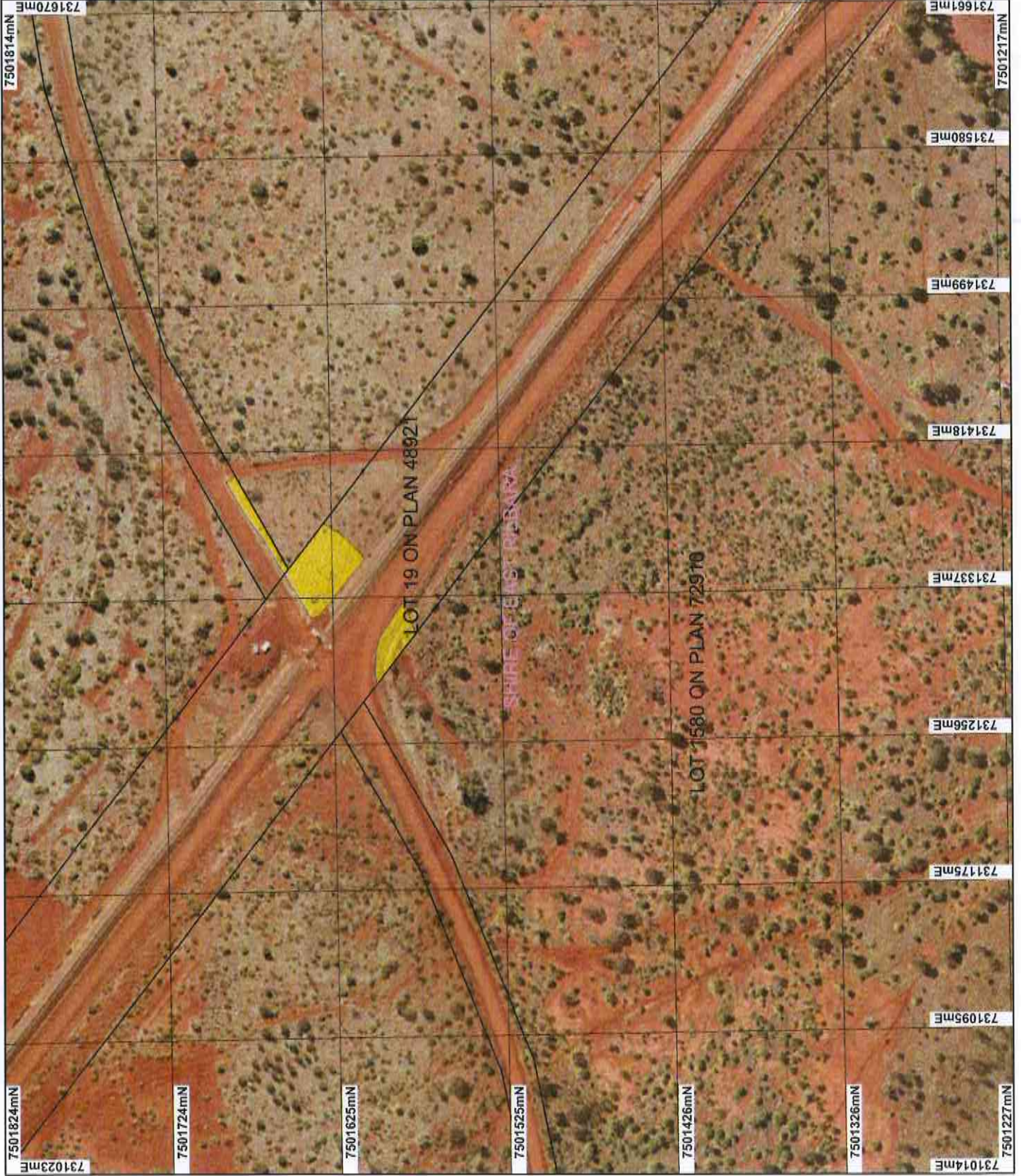
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Department of Environment Regulation  
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# Plan 5939/1 (b)



## LEGEND

### Cleaning Instruments

Areas Approved to Clear

□ Cadastre

□ Local Government Authorities

□ Weevil Woolli 50cm Orthomosaic - Landgate 2004



Scale 1:3000  
(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 Waincock Date: 29/01/14

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

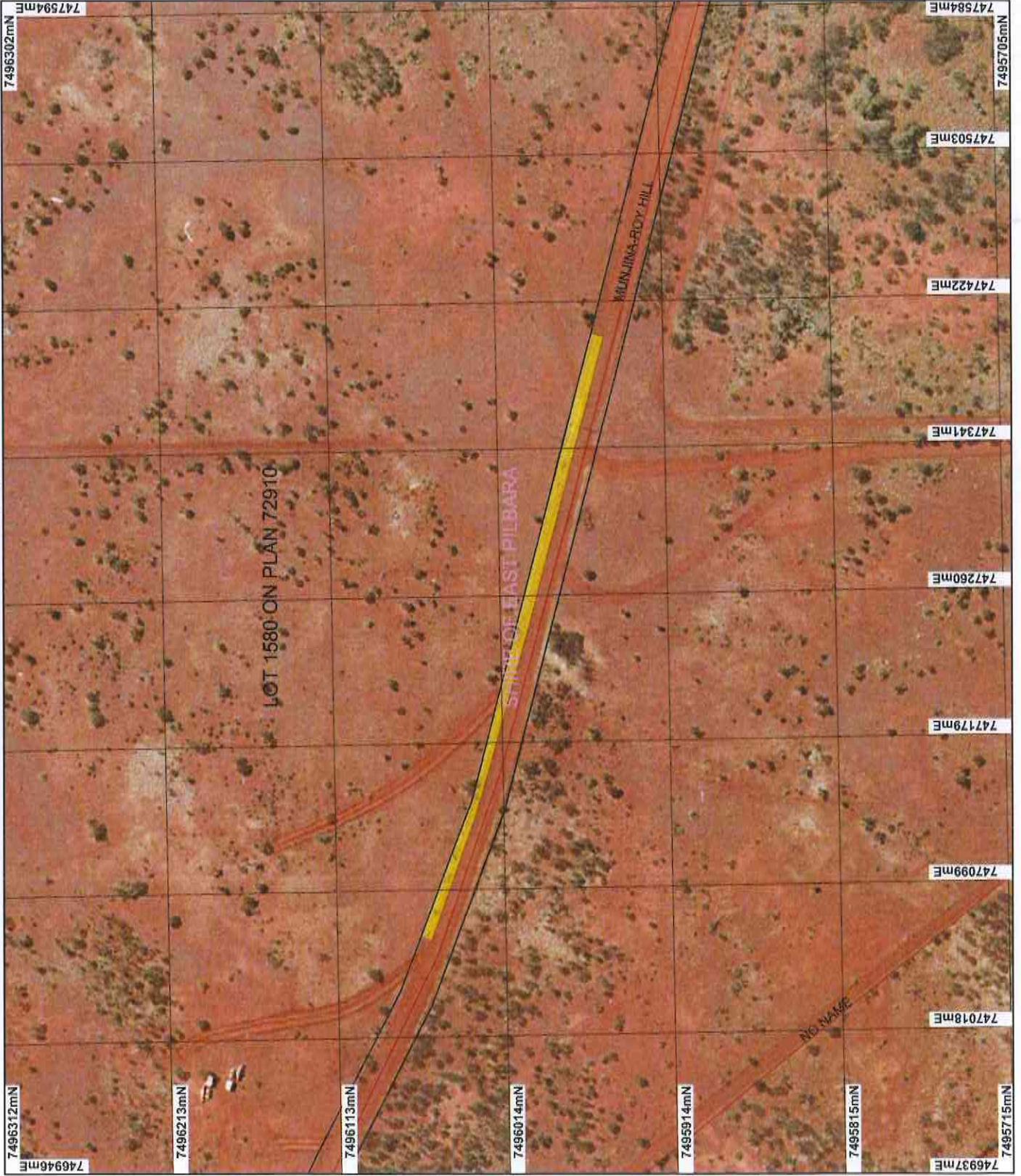
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# Plan 5939/1 (c)



**LEGEND**

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastral
- Local Government Authorities
- Weeli Woolli 50cm Orthomosaic - Landgate 2004

Scale 1:3000  
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been processed. This may result in geometric distortion or measurement inaccuracies.

M Wamock Date 28/5/14

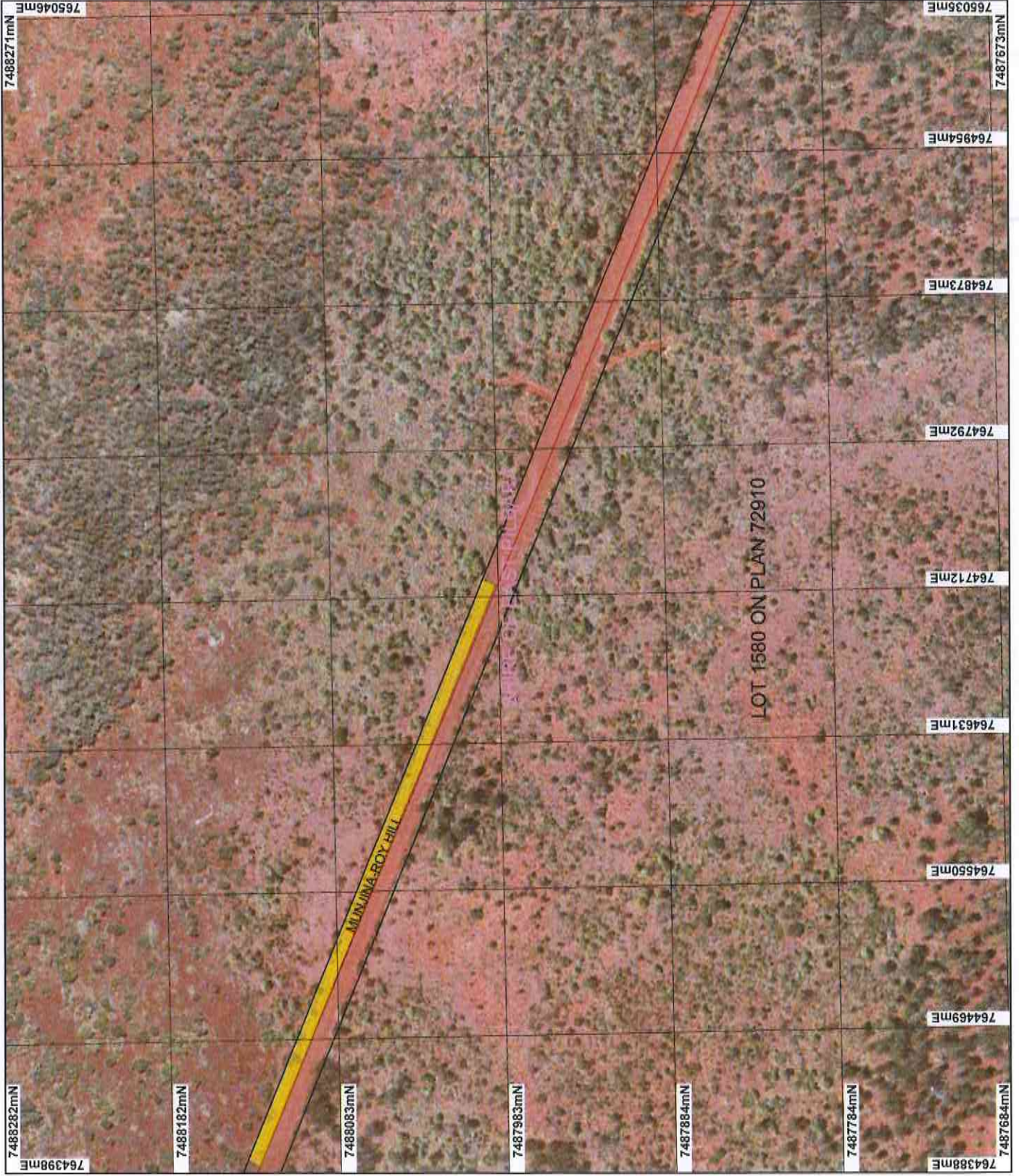
Office with delegated authority under Section 20 of the Environmental Protection Act 1986

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# Plan 5939/1 (d)



## LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Local Government Authorities
- Roy Hill 50cm Orthomosaic - Landgate 2004



0 25 m

Scale 1:3000

(Approximate when reproduced at 1:4)

Geocentric Datum Australia 1994

Note: the data in this map have not been  
checked. This may result in pointing  
discrepancies or measurement inaccuracies.

*M. Wilmot* Date 29/5/14

M Wilmot

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

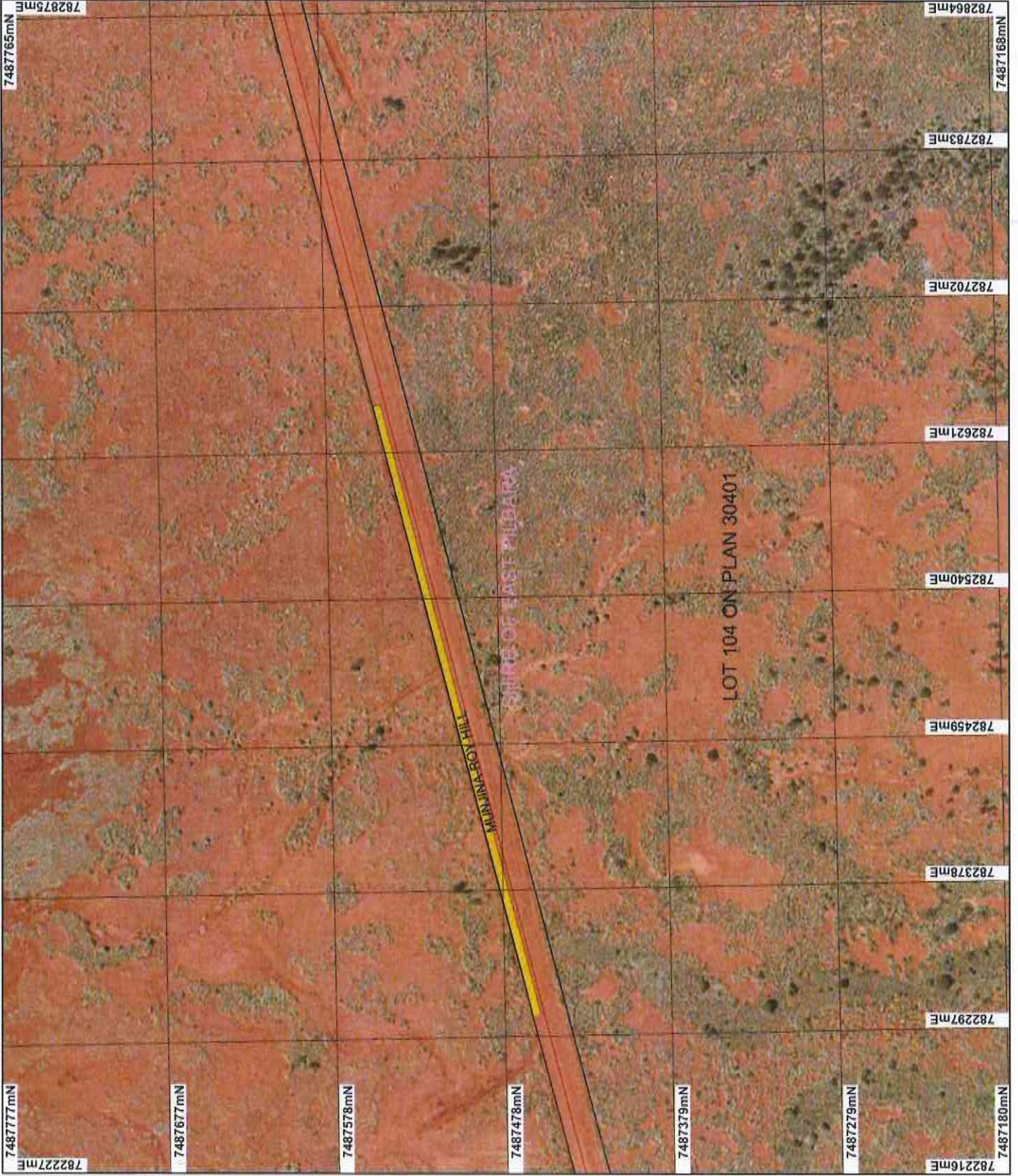
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# Plan 5939/1 (e)



## LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Local Government Authorities
- Roy Hill 50cm Orthomosaic - Landgate 2004



0 75 m

Scale 1:3000  
(Approximate when reproduced at A4)

Geocentric Datum Australia 1984

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

*Murdoch* Date 29/5/14

M Murdoch

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

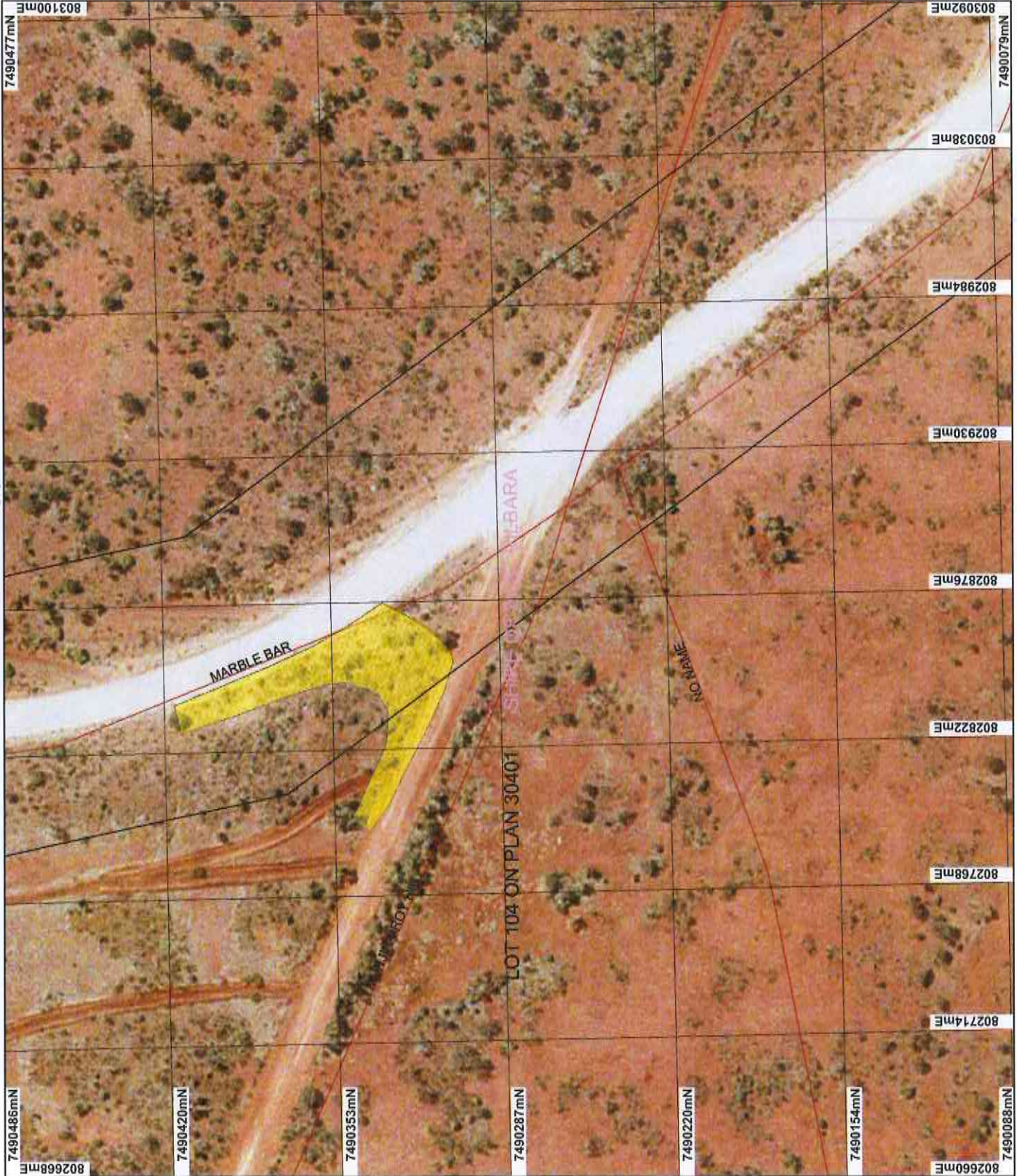
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# Plan 5939/1 (f)



**LEGEND**

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastral
- Local Government Authorises
- Roy Hill 50cm Orthomosaic - Landgate 2004

M Warnock  
 Date 29/5/14

Scale 1:2000  
 (Approximate when reproducible 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.

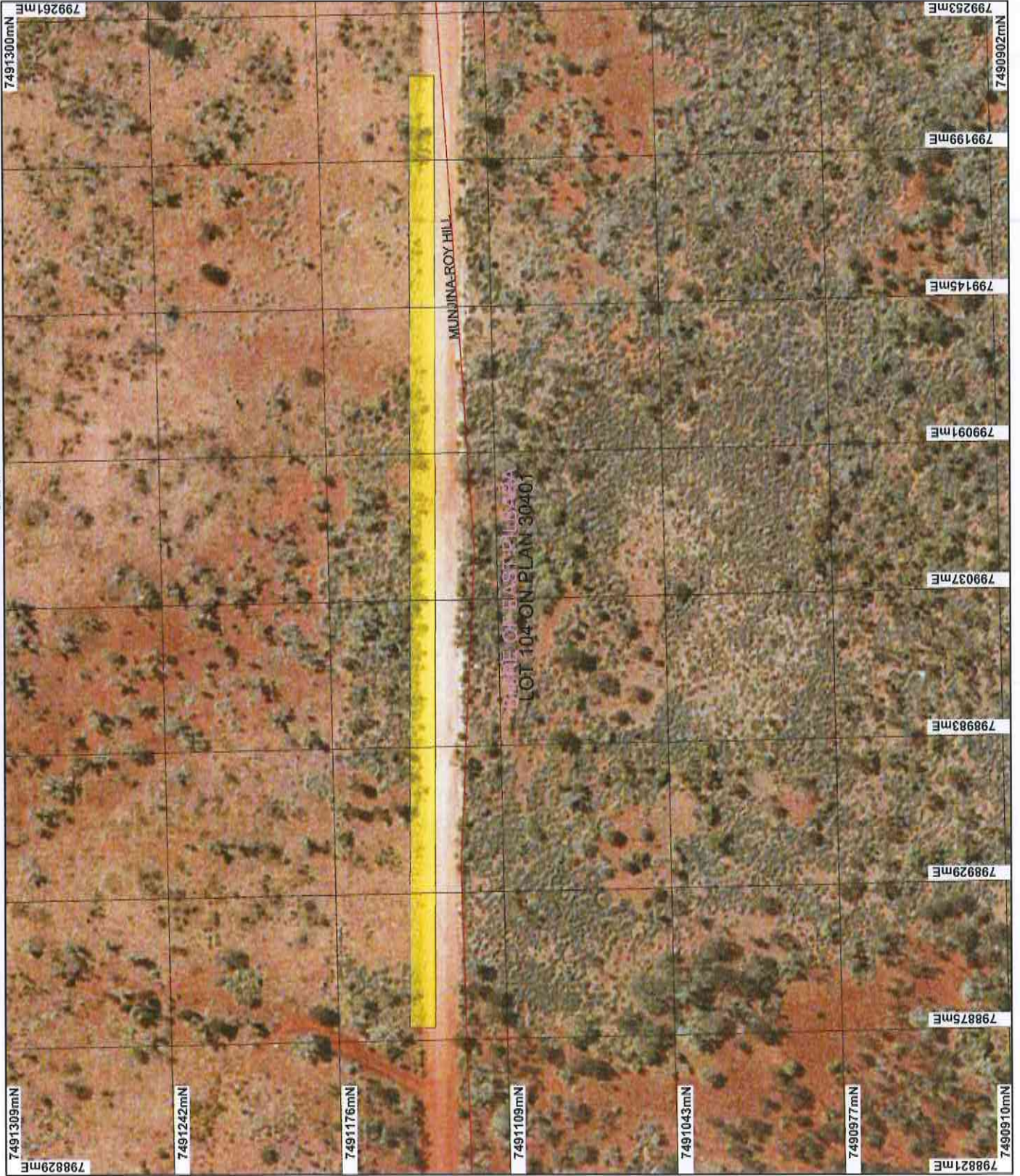
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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 Department of Environment Regulation  
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# Plan 5939/1 (g)



## LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Local Government Authorities
- Roy Hill 50cm Orthomosaic - Landgate 2004



0 50 m

Scale 1:2000

(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 29/3/14

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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# Clearing Permit Decision Report

Government of Western Australia  
Department of Environment Regulation

## 1. Application details

### 1.1. Permit application details

Permit application No.: 5939/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Samsung Construction and Technology Corporation

### 1.3. Property details

LOT 145 ON PLAN 243202 (NEWMAN 6753)  
LOT 19 ON PLAN 48921 (NEWMAN 6753)  
LOT 104 ON PLAN 30401 (NEWMAN 6753)  
Munjina-Roy Hill Road reserve (NEWMAN 6753)  
Marble Bar Road reserve (NEWMAN 6753)

Local Government Area: Shire of East Pilbara  
Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 29 May 2014

## 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 Associations: 29: sparse low woodland; mulga, discontinuous in scattered groups  111: grasslands, shrub steppe; Eucalyptus gamophylla over hard spinifex (Shepherd et al 2001).	The clearing consists of 1.81 hectares of native vegetation within Lot 19 on Plan 48921, Lot 104 on Plan 30401, Lot 145 on Plan 243202, Munjina-Roy Hill Road reserve and Marble Bar Road reserve, Newman, Shire of East Pilbara, for the purpose of road construction.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) To Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The application is divided into seven separate sections. Each of these is adjacent to existing roads and railways and has been subject to disturbance.  The condition of the vegetation proposed to be cleared was determined using supporting information from the applicant and aerial imagery.

## 3. Assessment of application against clearing principles

### Comments

The application is to clear 1.81 hectares of native vegetation for the purpose of road construction. The application is divided into seven separate sections. All are adjacent to existing roads and railways and have been subject to disturbance. The vegetation is in degraded to very good condition (Keighery 1994).

A number of flora and fauna species of conservation significance have been recorded within the local area (20 kilometre radius). Due to the small size of each proposed clearing area and their levels of existing disturbance, the proposed clearing is not likely to have a significant impact on any flora or fauna of conservation significance.

Section B (as depicted on Plan 5939/1 (b)) of the application area is mapped within the Priority 3 Fortescue Valley sand dunes priority ecological community (PEC). However, the mapped boundaries of the PEC are broad, and the vegetation proposed to be cleared is not representative of the PEC (DPaW 2014). Impacts to the PEC are likely to be minimal, considering the small size of the application area and the existing level of disturbance. However weed management actions should be implemented to mitigate any possible risk to the nearby PEC from the spread of weeds.



No watercourses are mapped within the clearing area.

The Shire of East Pilbara and the local area retain more than 99.9 per cent of the original extent of native vegetation (Government of Western Australia 2013). Mapped Beard Vegetation Associations 29 and 111 (Shepherd et al 2001) also both retain at least 99.9 per cent of the original extent within the Pilbara IBRA Bioregion (Government of Western Australia 2013). The vegetation proposed to be cleared is well represented and is therefore not significant as a remnant within an extensively cleared area.

Given the small size of each of the proposed clearing areas and the levels of their respective disturbances, it is unlikely for the application areas to contain high biodiversity values, impact on conservation areas, cause or exacerbate land degradation or flooding or impact on water quality.

Considering the above, the proposed clearing may be at variance to clearing Principle (f), is not at variance to Principle (e) and is not likely to be at variance to the remaining principles.

#### Methodology

#### References

- DPaW (2014)
- Government of Western Australia (2013)
- Keighery (1994)
- Shepherd et al (2001)

#### GIS Databases:

- DEC tenure
- Hydrography, linear DOW
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation
- SAC Biodatasets - accessed May 2014

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

#### Comments

The original application has been amended to enable the granting of a permit for areas for which authorities to access have been obtained. The applicant intends applying for an amendment once the authorities to access the remaining parcels of land have been acquired.

The application was originally submitted by Forge Group Construction Pty Ltd who was contracted to undertake the works on behalf of Samsung Construction and Technology Corporation. As the former went into receivership, the application was amended to change the permit holder to Samsung Construction and Technology Corporation.

The application area is located within the boundaries of the registered area of interest of the Banjima People, the Niyaparli People and the Wunna Niyaparli People native title claimants, represented by the Yamatji Marlpa Aboriginal Corporation. All have been notified of the proposed clearing. No response has been received.

No Aboriginal Sites of Significance are mapped within the application area.

The application area is zoned as 'rural', 'major road' and 'local road' under the Town Planning Scheme Zones.

No public submissions have been received.

#### Methodology

#### GIS Databases

- Aboriginal Sites of Significance
- Town Planning Scheme Zones

#### 4. References

- DPaW (2014) Advice regarding Clearing Permit Application CPS 5939/1, Department of Parks and Wildlife Pilbara Region, 7 February 2014 (DER Ref: A723962).
- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- 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.