



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5887/2
Permit Holder:	Hamersley Iron Pty Ltd
Duration of Permit:	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 transmission line maintenance, access track maintenance, safety and fire hazard reduction.

2. Land on which clearing is to be done

Unallocated Crown Land (FORTECUE 6716)
Roebourne-Wittenoom Road reserve PIN 11733933 (MILLSTREAM 6716)
Lot 13 on Deposited Plan 47815 (FORTECUE 6716)
Lot 24 on Deposited Plan 242287 (MILLSTREAM 6716)
Lot 33 on Deposited Plan 240249 (FORTECUE 6716)
Lot 150 on Deposited Plan 242287 (MILLSTREAM 6716)
Lot 182 on Deposited Plan 241670 (MILLSTREAM 6716)
Lot 502 on Deposited Plan 61847 (MILLSTREAM 6716)
Lot 503 on Deposited Plan 61847 (MILLSTREAM 6716)
Lot 504 on Deposited Plan 61847 (MILLSTREAM 6716)
Lot 505 on Deposited Plan 61847 (MILLSTREAM 6716)
Lot 510 on Deposited Plan 61847 (MILLSTREAM 6716)
Lot 511 on Deposited Plan 61847 (MILLSTREAM 6716)

3. Area of Clearing

The Permit Holder must not clear more than 26 hectares of native vegetation within the combined areas hatched yellow on attached Plan 5887/2 (a), Plan 5887/2 (b), Plan 5887/2 (c), Plan 5887/2 (d), Plan 5887/2 (e), Plan 5887/2 (f), Plan 5887/2 (g), Plan 5887/2 (h), Plan 5887/2 (i) and Plan 5887/2 (j).

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. Management plan

The Permit Holder must implement and adhere to the document 'Rio Tinto Iron Ore, Environmental Management Plan, Native Vegetation Clearing Permit CPS 5887/1, Dampier to Paraburdoo Transmission Line (RTIO-HSE-0221249)', May 2014.

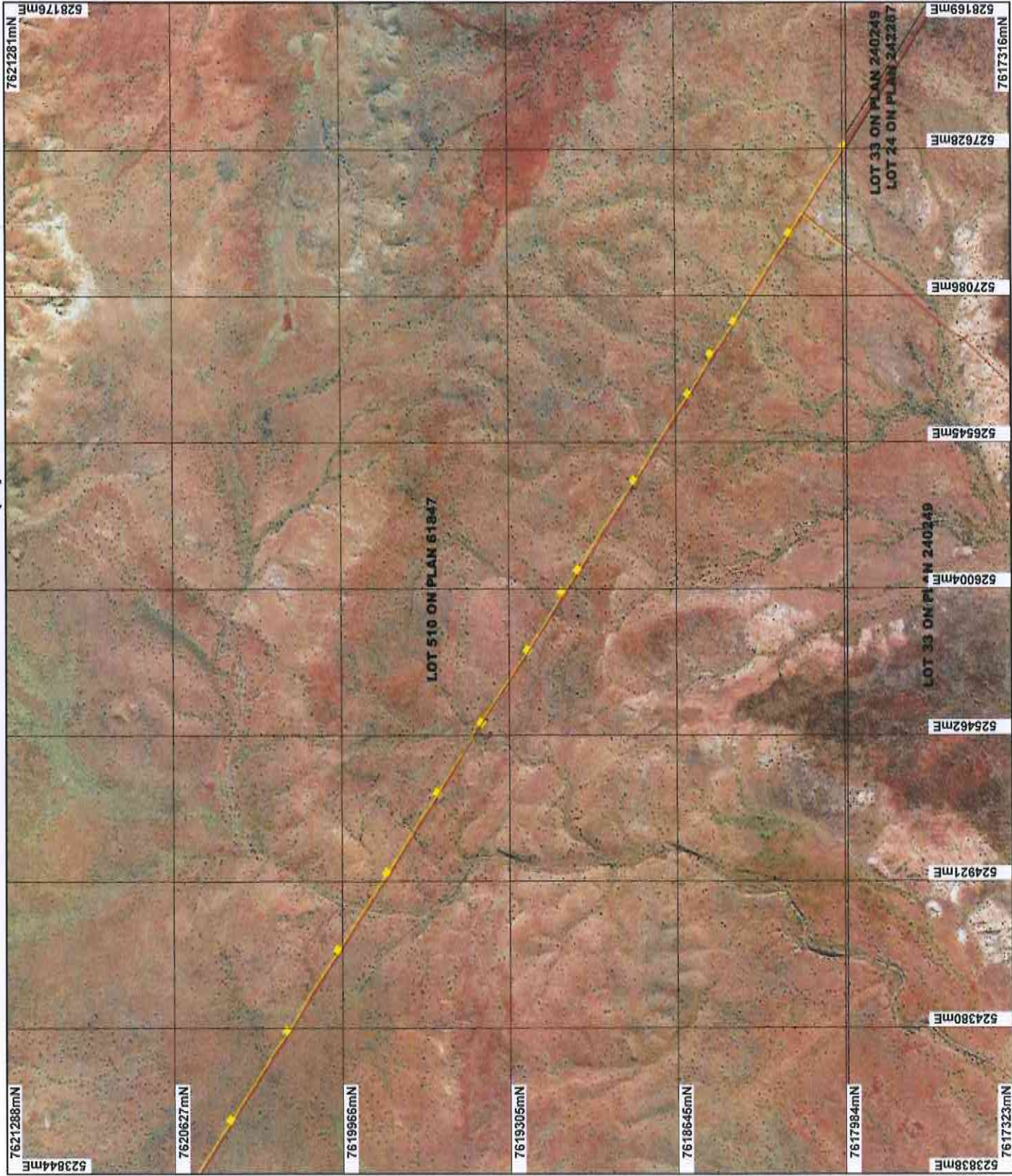


Jane Clarkson
A/SENIOR MANAGER
CLEARING REGULATION

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

24 July 2014

Plan 5887/2 (a)



LEGEND

- Clearing Instruments
- Areas Approved to Clear
- Road Centrelines
- Cadastral
- Cooya Pooya 1.4m Orthomosaic - Landgate 1988
- Millicream 80cm Orthomosaic - Landgate 2007

Scale 1:20000
Approximate when reproduced at A4

Geocentric Datum Australia 1994

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

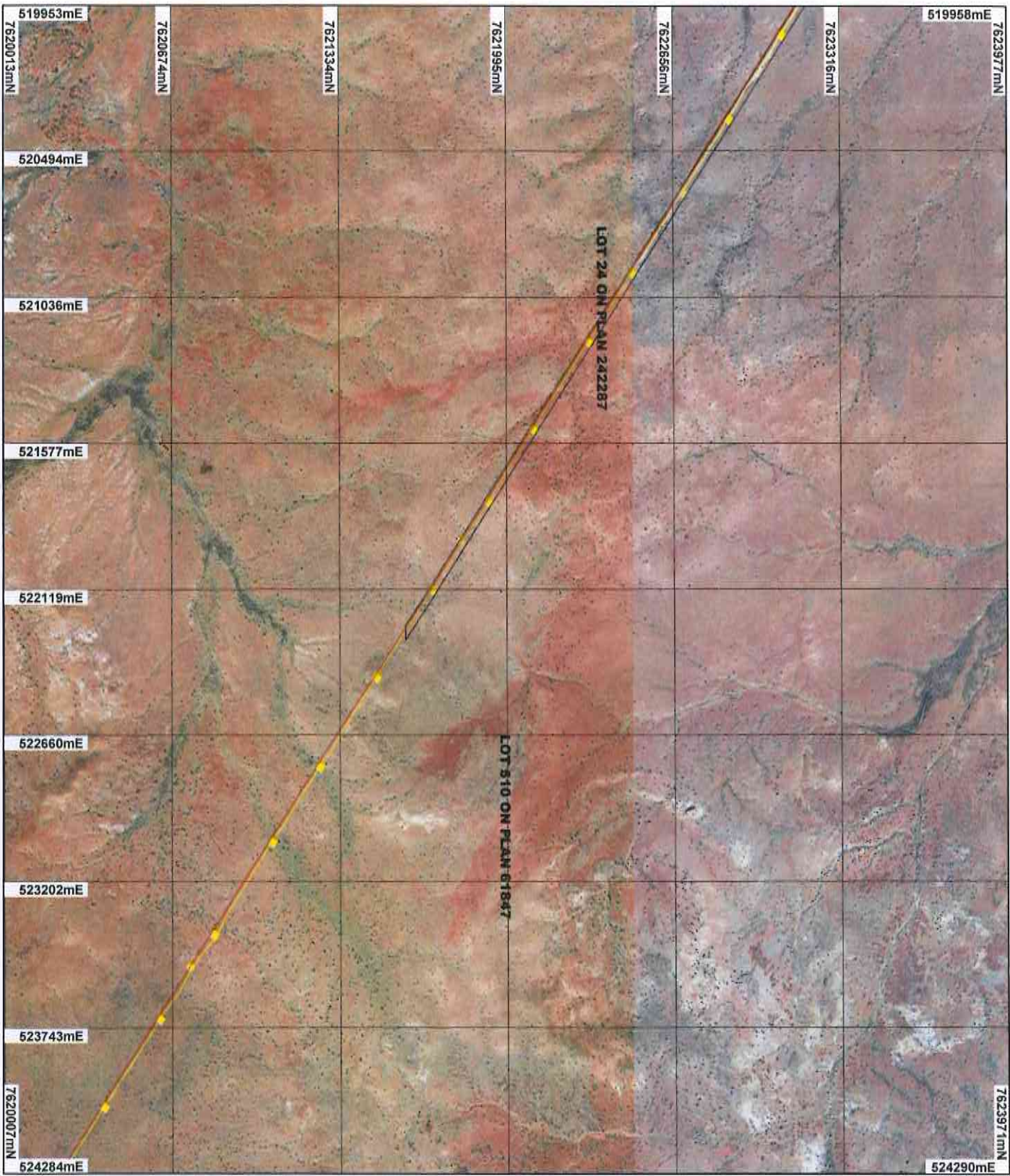
J. Clarkson
Date: 24.7.14

Office 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.

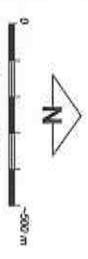
Government of Western Australia
Department of Environment Regulation
WA Crown Copyright 2008

Plan 5887/2 (b)



LEGEND

- Areas Approved to Clear
- Clearing Instruments
- Road Centrelines
- Cadastre
- Coora Pooya 1 km Orthomosaic - Landgate 1988
- Millstream 80cm Orthomosaic - Landgate 2007



Scale 1:20000
 (Approximate when reproduced at A4)

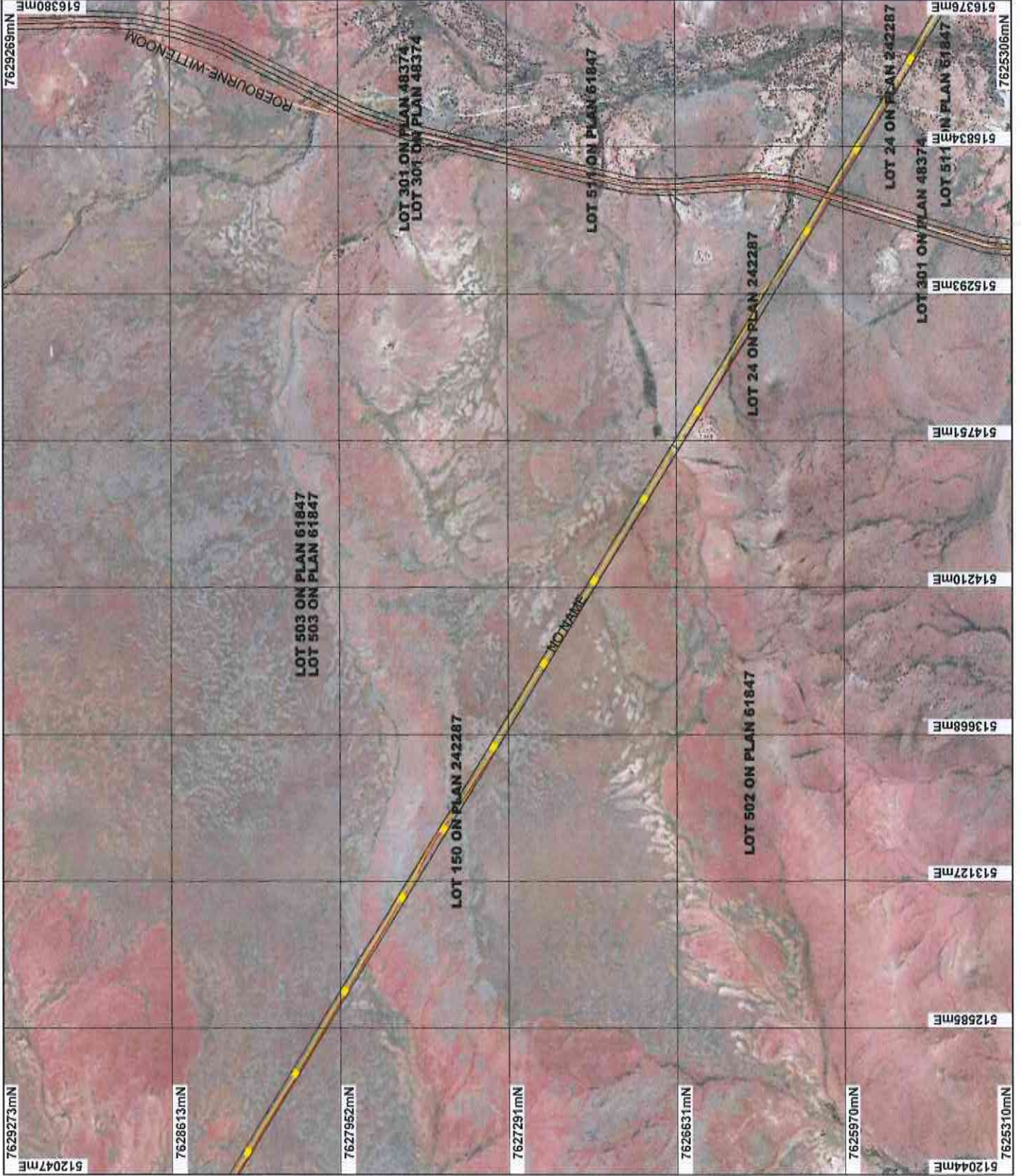
Geoplotic Datum Australia 1994

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

J. Clarkson
 Date 24.7.14

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

Plan 5887/2 (d)



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Cooya Pooya 1.4m Orthomosaic - Landgate 1998
- Millstream 80cm Orthomosaic - Landgate 2007



0 100 200 m

Scale 1:20000
Approximate when reproduced at A4

Geocentric Datum Australia 1994

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

[Signature] Date 24.7.14

J. Clarkson

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

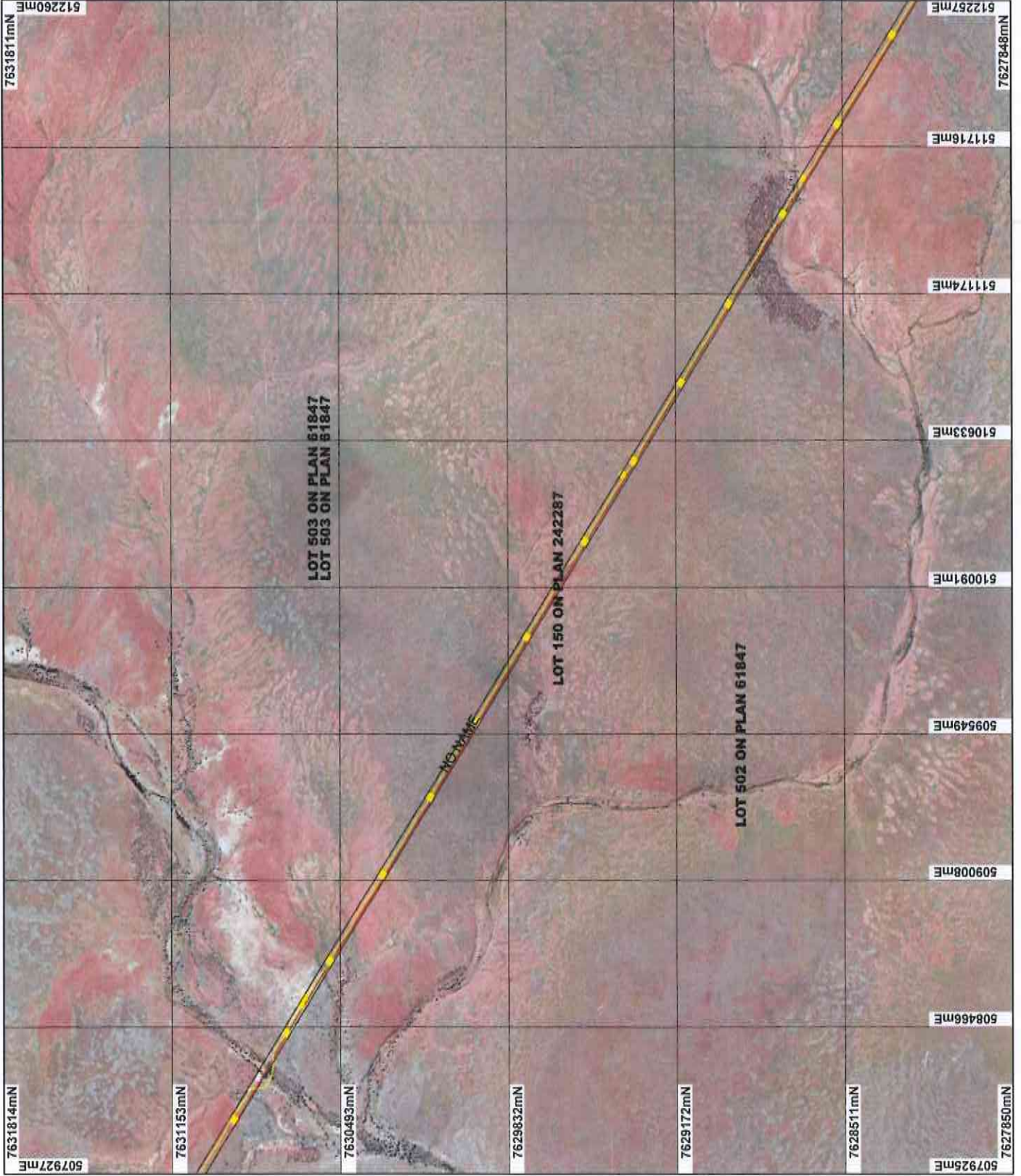
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Government of Western Australia
Department of Environment Regulation

WA Govt Copyright 2002

Plan 5887/2 (e)



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Cooya Pooya 1.4m Orthomosaic - Landgate 1988
- Millstream 80cm Orthomosaic - Landgate 2007



0 500m

Scale 1:20000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

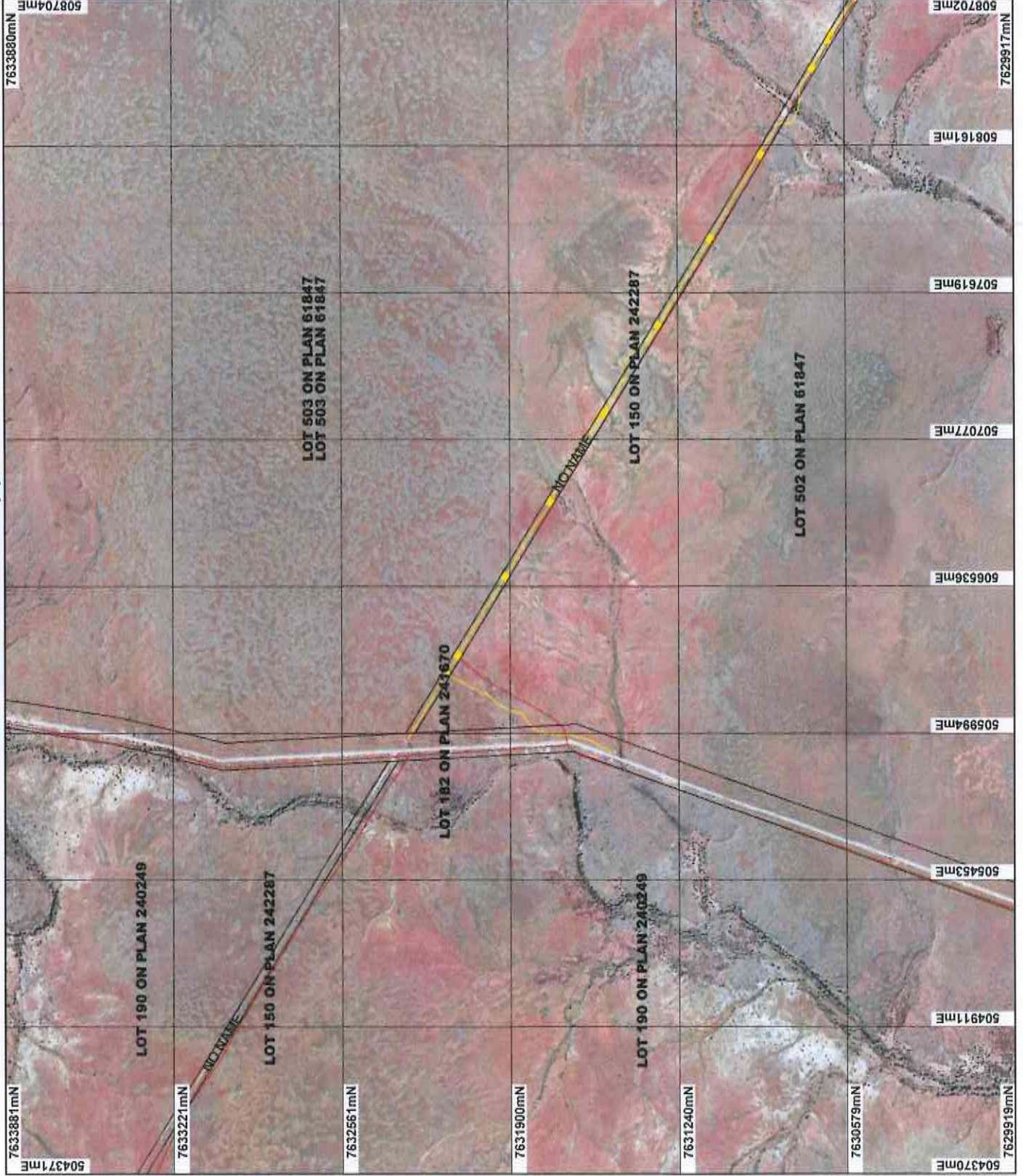
J. Clarkson Date 24.7.14

Office 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
WA Government Copyright 2012

Plan 5887/2 (f)



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastral
- Cooya Pooysa 1.4m Orthomosaic - Landgate 1998
- Millsream 80cm Orthomosaic - Landgate 2007

Scale 1:20000
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.

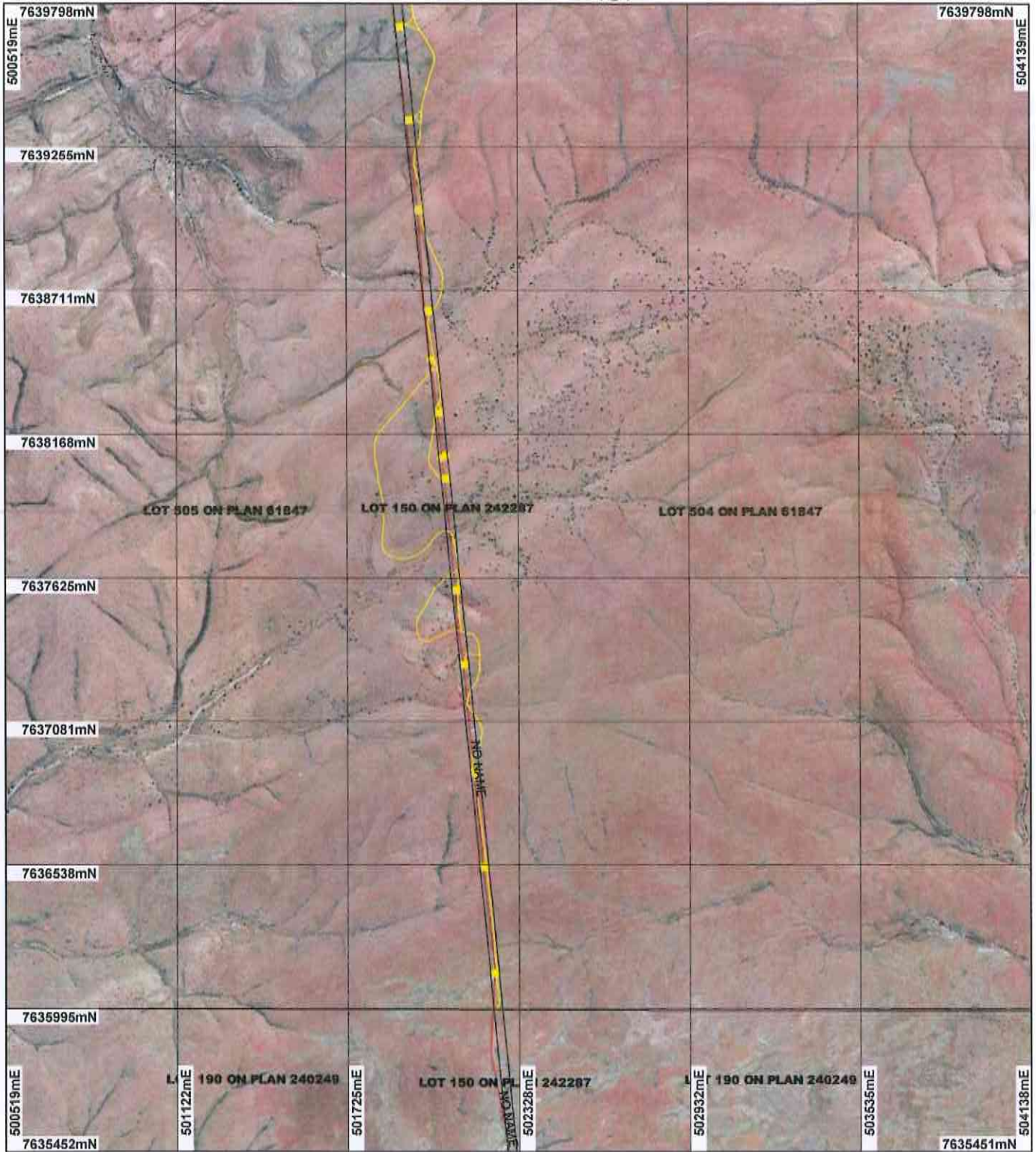
J. Clarkson
Date: 24.7.14

Office 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
WA Crown Copyright 2008

Plan 5887/2 (g)



- LEGEND**
- ✗ Road Centrelines
 - ✗ Clearing Instruments
 - Areas Approved to Clear
 - Cadastre
 - Cooya Pooya 1.4m Orthomosaic - Landgate 2007

Millstream 80cm Orthomosaic - Landgate 2007



Scale 1:19999
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

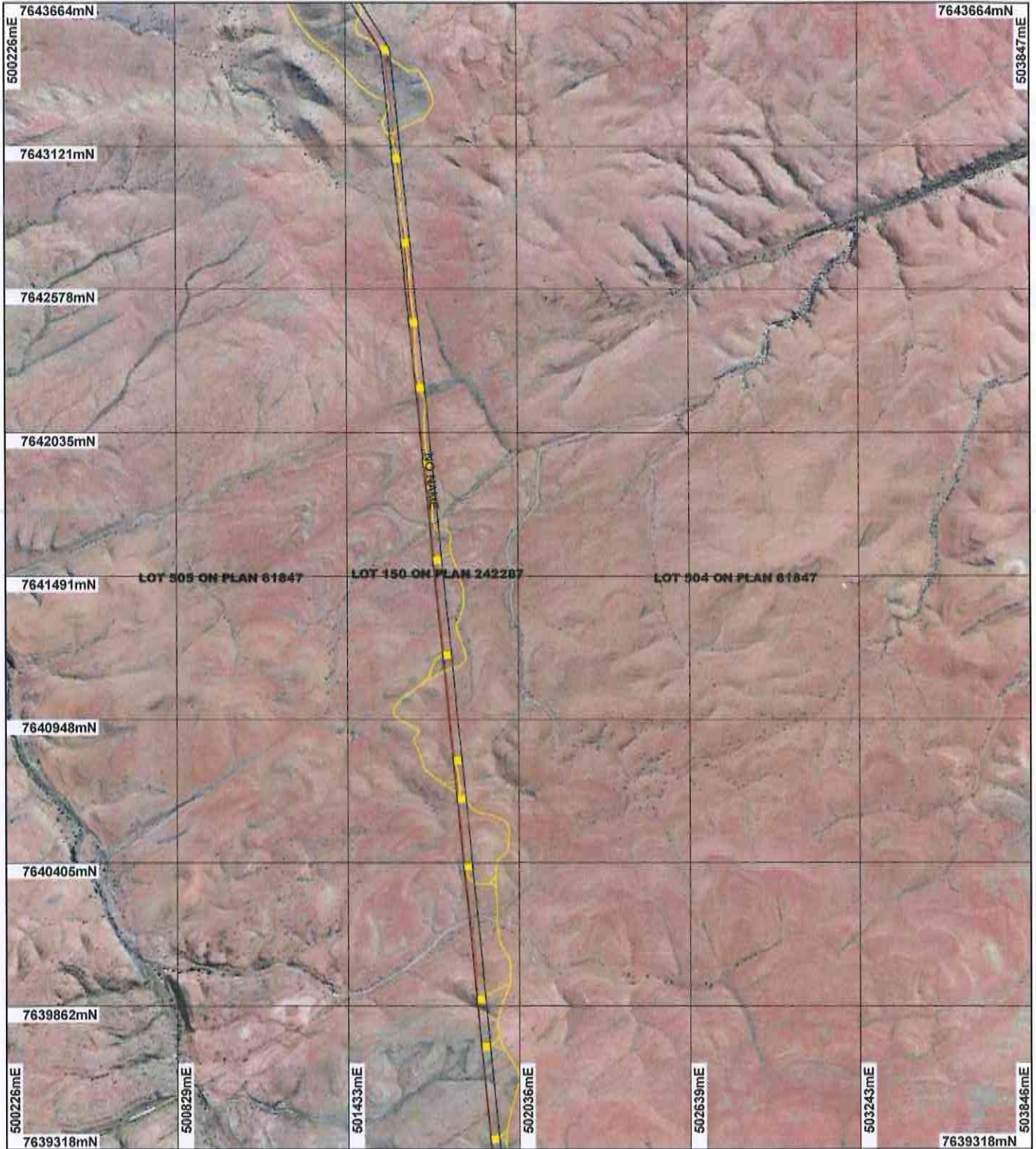
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

J. Clarkson Date 24.7.14
J. Clarkson

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.

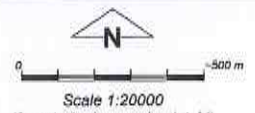
Plan 5887/2 (h)



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Cooya Pooya 1.4m Orthomosaic - Landgate

Millstream 80cm Orthomosaic
- Landgate 2007



Geocentric Datum Australia 1994

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

Date 24.7.14
J. Clarkson

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

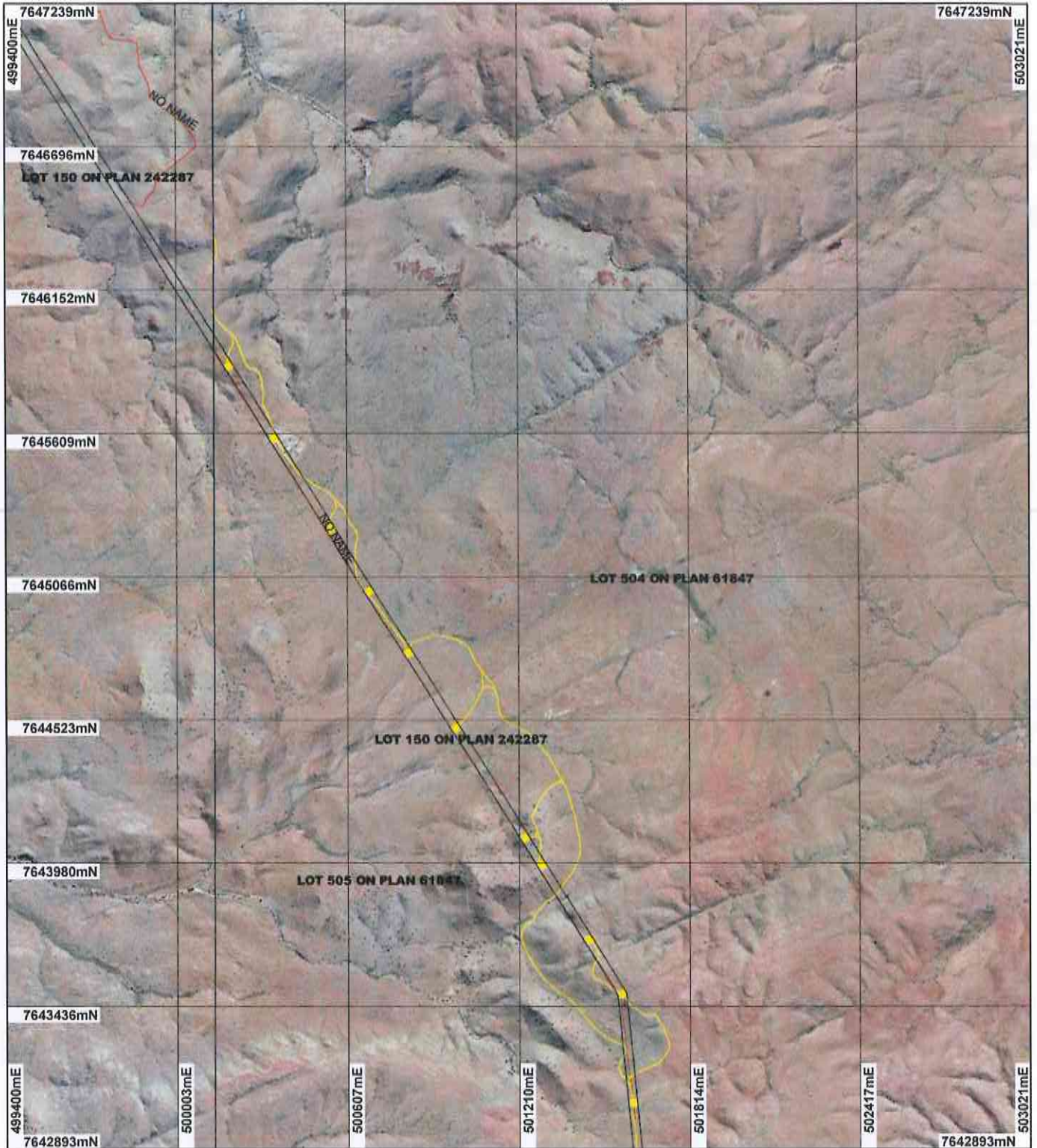
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Government of Western Australia
Department of Environment Regulation

WA Crown Copyright 2002

Plan 5887/2 (i)



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Cooya Pooya 1.4m Orthomosaic - Landgate

Millstream 80cm Orthomosaic
- Landgate 2007



Scale 1:20000
(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 24.7.14

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

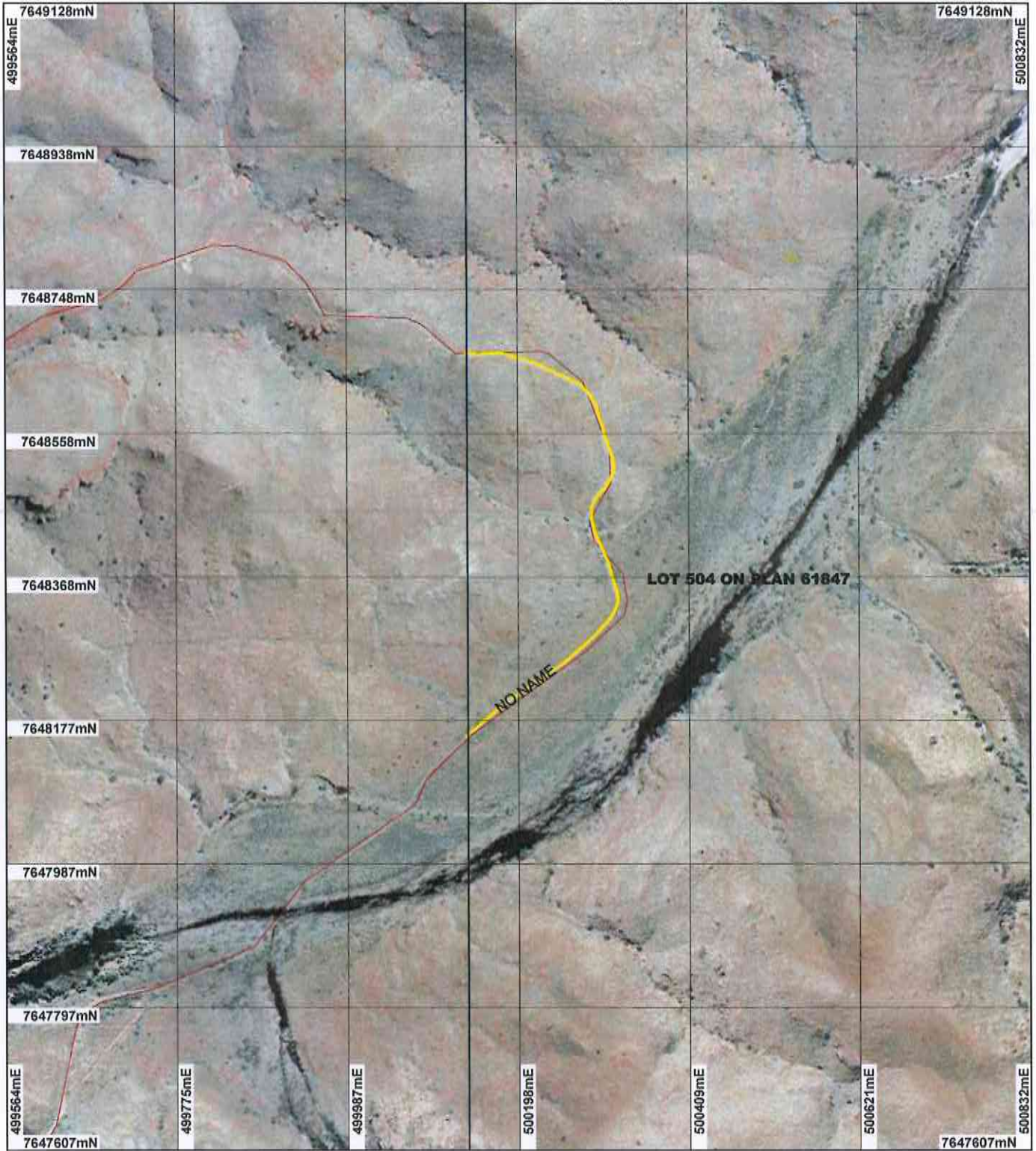
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.




Government of Western Australia
Department of Environment Regulation

WA Crown Copyright 2002

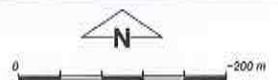
Plan 5887/2 (j)



LEGEND

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


Cooya Pooya 1.4m
Orthomosaic - Landgate
1998



Scale 1:7000
(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 24.7.14
J. Clarkson

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
WA Crown Copyright 2002



Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 5887/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Hamersley Iron Pty Ltd

1.3. Property details

Property:
LOT 504 ON PLAN 61847 (MILLSTREAM 6716)
LOT 13 ON PLAN 47815 (FORTESCUE 6716)
LOT 150 ON PLAN 242287 (FORTESCUE 6716)
LOT 182 ON PLAN 241670 (MILLSTREAM 6716)
LOT 24 ON PLAN 242287 (MILLSTREAM 6716)
LOT 33 ON PLAN 240249 (FORTESCUE 6716)
LOT 502 ON PLAN 61847 (Lot No. 502 ROEBOURNE-WITTENOOM MILLSTREAM 6716)
LOT 503 ON PLAN 61847 (Lot No. 503 WARLU MILLSTREAM 6716)
LOT 505 ON PLAN 61847 (MILLSTREAM 6716)
LOT 510 ON PLAN 61847 (MILLSTREAM 6716)
LOT 511 ON PLAN 61847 (Lot No. 511 ROEBOURNE-WITTENOOM MILLSTREAM 6716)
ROAD RESERVE (MILLSTREAM 6716)
UNALLOCATED CROWN LAND (FORTESCUE 6716)
Local Government Area: Shire of Ashburton

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
26		Mechanical Removal	Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 24 July 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 association 173 is described as hummock grasslands, shrub steppe; kanji over soft spinifex & Triodia wiseana on basalt (Shepherd et al 2001).	To clear up to 26 hectares of native vegetation within Lot 13 on Plan 47815, Lot 33 on Plan 240249, unallocated Crown land, Fortescue, Lot 182 on Plan 241670, Lots 502, 503, 504, 505, 510 and 511 on Plan 61847, Roebourne-Wittenoom Road reserve (PIN 11733933), Millstream, Lots 24 and 150 on Plan 242287, Millstream and Fortescue, Shire of Ashburton, for the purposes of transmission line maintenance including access track maintenance and safety and fire hazard reduction.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994) To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).	The application is to clear up to 26 hectares of regrowth vegetation along a transmission line access track and transmission tower service pads, for ease of access and fire hazard reduction. The vegetation under application has been previously cleared and consists of regrowth in a completely degraded to good (Keighery 1994) condition. The description and condition of the vegetation was determined using a biological survey provided by the applicant (Astron Environmental Services 2013).
Mapped Beard vegetation association 175 is described as short bunch grassland - savanna/grass plain (Pilbara) (Shepherd et al 2001).			
Mapped Beard vegetation association 587 is described as mosaic: Hummock grasslands, open low tree-steppe; snappy gum over Triodia wiseana / Hummock grasslands, shrub-steppe; kanji over Triodia pungens (Shepherd et al 2001).			
Mapped Beard vegetation association 607 is described as hummock grasslands, low tree steppe; snappy gum & bloodwood over soft spinifex & Triodia wiseana (Shepherd et al 2001).			

3. Assessment of application against clearing principles

Comments The application is a result of an administrative error resulting in an area approved to be cleared not appearing on the permit. The assessment against the clearing principles and planning and other matters has not changed and can be found in Clearing Permit Decision Report CPS 5887/1.

4. References

- Astron Environmental Services (2013) Millstream Transmission Corridor Level 1 Vegetation, Flora and Fauna Survey, prepared for Rio Tinto Iron Ore Ltd, September 2013 (DER Ref: A711863).
- 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.