



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

| | |
|-------------------------------|---|
| Purpose Permit number: | CPS 6110/4 |
| Permit Holder: | Pilbara Iron Company (Services) Pty Ltd |
| Duration of Permit: | 4 October 2014 to 31 December 2024 |

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 town and camp infrastructure and associated works.

2. Land on which clearing is to be done

Clearing authorised under this Permit is to be undertaken within land tenure or rights administered under the *Mining Act 1904* (WA), *Mining Act 1978* (WA), *Land Act 1933* (WA), *Land Administration Act 1997* (WA), *Property Law Act 1969* (WA), *Transfer of Land Act 1893* (WA), *Strata Titles Act 1985* (WA), the *Rights in Water and Irrigation Act 1914* (WA), the *Water Corporation Act 1995* (WA), the *Water Agencies (Powers) Act 1984* (WA) and the following State Agreement Acts –

- *Iron Ore (Hamersley Range) Agreement Act 1963*
- *Iron Ore (Robe River) Agreement Act 1964*
- *Iron Ore (Hamersley Range) Agreement Act 1968 (Paraburdoo)*
- *Iron Ore (Mount Bruce) Agreement Act 1972*
- *Iron Ore (Channar Joint Venture) Agreement Act 1987*
- *Iron Ore (Hope Downs) Agreement Act 1992*
- *Iron Ore (Yandicoogina) Agreement Act 1996*

Karijini Drive Road reserve (Lot 106 on Plan 218877)

3. Area of Clearing

The Permit Holder must not clear more than 53 hectares of native vegetation within the areas hatched yellow on attached Plan 6110/4 (a), Plan 6110/4 (b), Plan 6110/4 (c), Plan 6110/4 (d), Plan 6110/4 (e), Plan 6110/4 (f), Plan 6110/4 (g), Plan 6110/4 (h), Plan 6110/4 (i), Plan 6110/4 (j), Plan 6110/4 (k), Plan 6110/4 (l), Plan 6110/4 (m) and Plan 6110/4 (n).

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. Avoid, minimise and reduce the impacts and extent of 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.

6. Weed control

When undertaking any clearing or other activity pursuant to 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.

7. Flora management

- (a) Prior to undertaking any clearing, the Permit Holder shall engage a *botanist* to undertake a Level 1 survey of the area(s) to be cleared in accordance with *Guidance Statement No. 51* to identify possible occurrences of, and habitat suitable for, rare and *priority flora*.
- (b) Prior to undertaking any clearing, where an area has been identified in accordance with condition 7(a) as containing possible occurrences of, and habitat suitable for, rare or *priority flora*, the Permit Holder shall engage a *botanist* to inspect that area for the presence of rare and *priority flora*.
- (c) Where rare flora or *priority flora* are identified in relation to condition 7(b) of this Permit, the Permit Holder shall ensure that:
 - (i) no clearing occurs within 50 metres of identified rare or priority 1 flora, unless approved by the CEO in writing;
 - (ii) no clearing of identified rare flora occurs unless approved under section 23F(4)(a) of the *Wildlife Conservation Act 1950*;
 - (iii) no clearing occurs within 20 metres of identified priority 2, 3 and 4 flora, unless approved by the CEO in writing; and
 - (iv) no clearing of identified *priority flora* occurs unless approved by the CEO in writing.

8. Fauna management

- (a) Prior to undertaking any clearing, the Permit Holder shall engage a *fauna specialist* to undertake a Level 1 survey of the area(s) to be cleared, in accordance with *Guidance Statement No. 56* to identify areas of habitat on which fauna, listed in the *Wildlife Conservation (Specially Protected Fauna) Notice*, have a specific dependence.
- (b) Prior to undertaking any clearing, where habitat areas are identified in accordance with condition 8(a), the area(s) shall be inspected for the presence of fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice* by a *fauna specialist*, in accordance with *Guidance Statement No. 56*.
- (c) Prior to undertaking clearing, where habitat areas are identified in accordance with condition 8(a), the Permit Holder must:
 - (i) avoid areas identified in accordance with condition 8(a); or
 - (ii) where the areas identified in accordance with condition 8(a) cannot be avoided, prepare, implement and adhere to a *Fauna Management Plan*, designed by a *fauna specialist*.
- (d) Prior to undertaking any clearing, where fauna is identified in accordance with condition 8(b), the Permit Holder must prepare, implement and adhere to a *Fauna Management Plan*, designed by a *fauna specialist*.
- (e) The *Fauna Management Plan* must include the following:
 - (i) a plan for managing the *impacts*;
 - (ii) a plan for managing any fauna identified in accordance with condition 8(b);
 - (iii) a table setting out the Permit Holder's commitments to the *Fauna Management Plan* requirements; and
 - (iv) a program for monitoring compliance with the Permit Holder's commitments.
- (f) Once the Permit Holder has developed a *Fauna Management Plan*, the Permit Holder must provide that *Fauna Management Plan* to the CEO for the CEO's approval. The clearing to which the *Fauna Management Plan* relates and the implementation of the *Fauna Management Plan* shall not take place until the Permit Holder receives approval from the CEO.
- (g) If it is necessary to modify the *Fauna Management Plan* approved by the CEO, then the Permit Holder must provide that modified *Fauna Management Plan* to the CEO for the CEO's approval.

9. Vegetation management

- (a) Where practicable the Permit Holder shall avoid clearing riparian vegetation.
- (b) Where a watercourse or wetland is to be impacted by clearing, the Permit Holder shall maintain the existing surface flow by use of culverts.

PART III – MONITORING, RECORD KEEPING AND REPORTING

10. Records to be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
 - (i) 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 or decimal degrees;
 - (ii) the date that the area was cleared; and
 - (iii) the size of the area cleared (in hectares).
- (b) In relation to flora management pursuant to condition 7 of this Permit:
 - (i) the location of each rare and/or *priority flora* species recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
 - (ii) the species name of each rare or *priority flora* species identified; and
 - (iii) a copy of the *botanist's* flora survey report.
- (c) In relation to fauna management pursuant to condition 8 of this Permit:
 - (i) a description and results of the fauna management activities undertaken in accordance with the *Fauna Management Plan* approved by the CEO; and
 - (ii) a copy of the *fauna specialist's* report.

11. 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 10 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 31 December of each year.
- (c) Prior to 30 June 2024, the Permit Holder must provide to the CEO a written report of records required under condition 10 of this Permit where these records have not already been provided under condition 11(a) of this Permit.

DEFINITIONS

The following meanings are given to terms used in this Permit:

botanist: means a person who holds a tertiary qualification in environmental science or equivalent, and has a minimum of 2 years work experience in identification and surveys of flora native to the bioregion being inspected or surveyed, or who is approved by the CEO as a suitable botanist for the bioregion;

environmental specialist means a person who is engaged by the Permit Holder for the purpose of providing environmental advice, who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit;

fauna clearing person means a person who has obtained a licence from the Department of Parks and Wildlife, issued pursuant to the *Wildlife Conservation Regulations 1970* authorising them to take fauna;

fauna management plan means a plan developed by the Permit Holder for the management of fauna at the site in accordance with condition 7 of this Permit;

fauna specialist: means a person who holds a tertiary qualification specializing in environmental science or equivalent, and has a minimum of 2 years work experience in fauna identification and surveys of fauna native to the region being inspected or surveyed, or who is approved by the CEO as a suitable fauna specialist for the bioregion, and who holds a valid fauna licence issued under the *Wildlife Conservation Act 1950*;

fill means material used to increase the ground level, or fill a hollow;

Guidance Statement No. 51 means the Environmental Protection Authority Guidance Statement No 51, Guidance for the Assessment of Environmental Factors - Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia (2004);

Guidance Statement No 56 means Guidance for the Assessment of Environmental Factors: Terrestrial Fauna Surveys for Environmental Impact Assessment in Western Australia. Guidance Statement No 56, Environmental Protection Authority (2004);

impacts means any impact of clearing on environmental values;


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;

priority flora means those plant taxa described as priority flora classes 1, 2, 3, 4 or 5 in the *Department of Parks and Wildlife's Threatened and Priority Flora List for Western Australia* (as amended);

Wildlife Conservation (Specially Protected Fauna) Notice means those fauna taxa gazetted as rare fauna pursuant to section 14(4)(a) of the *Wildlife Conservation Act 1950* (as amended).

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.

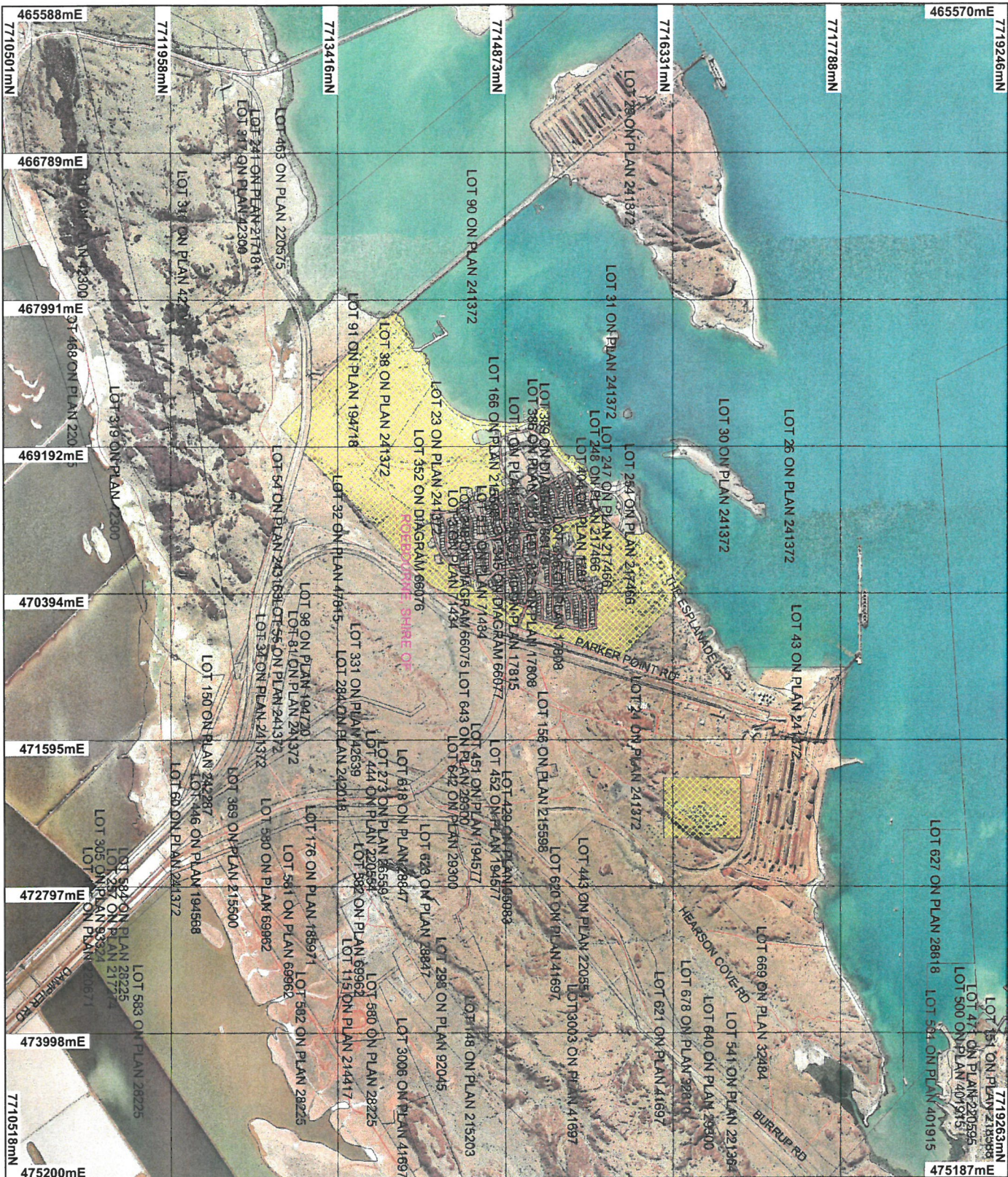
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Crawford
Date: 2018.11.01
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Abbie Crawford
MANAGER
NATIVE VEGETATION REGULATION

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

1 November 2018

Plan 6110/4 (a)



- LEGEND**
- Local Government Authorities
 - ✓ Road Centrelines
 - Cadastre
 - Clearing Instruments
 - Areas Approved to Clear
 - Dampler and Extensions 50cm Orthomosaic - Landgate 2008

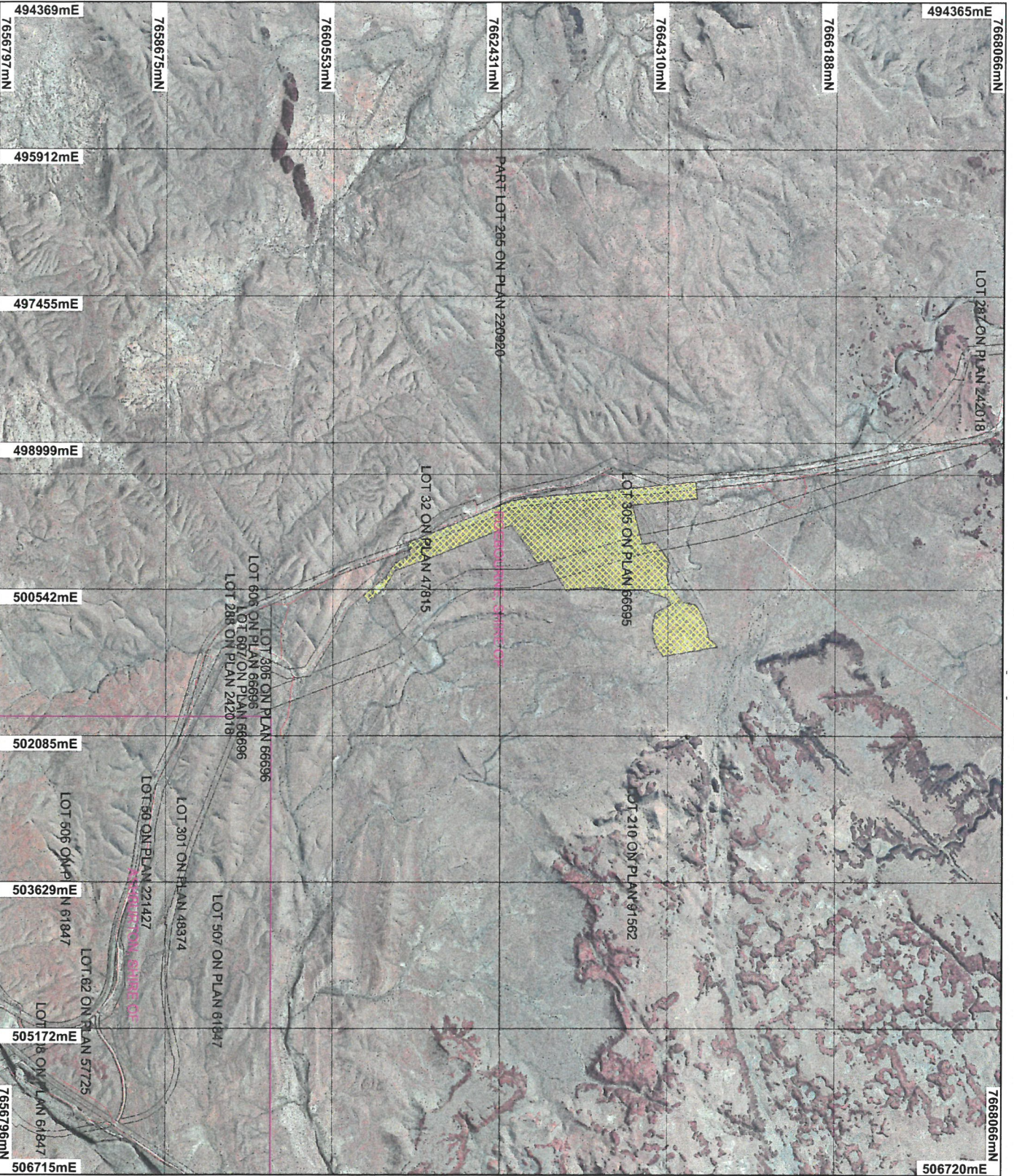
* Project Data is denoted by asterisk.
 This data has not been quality assured.
 Please contact map author for details.



Scale 1:44294
 (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: 1/11/13
 Officer with delegated authority under Section 20 of the Environmental Protection Act 1986
 Information derived from the map should be compared with the data custodian's records by the agency acronym in the legend.



Plan 6110/4 (b)



LEGEND

- Local Government Authorities
- ✗ Road Centrelines
- Cadastre
- Clearing Instruments
- Areas Approved to Clear
- Pinderri Hills 1.4m Orthomosaic - Landgate 2000
- Cooyia Pooya 1.4m Orthomosaic - Landgate 1998

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



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 (Approximate when reproduced at A4)

Geocentric Datum Australia 1994

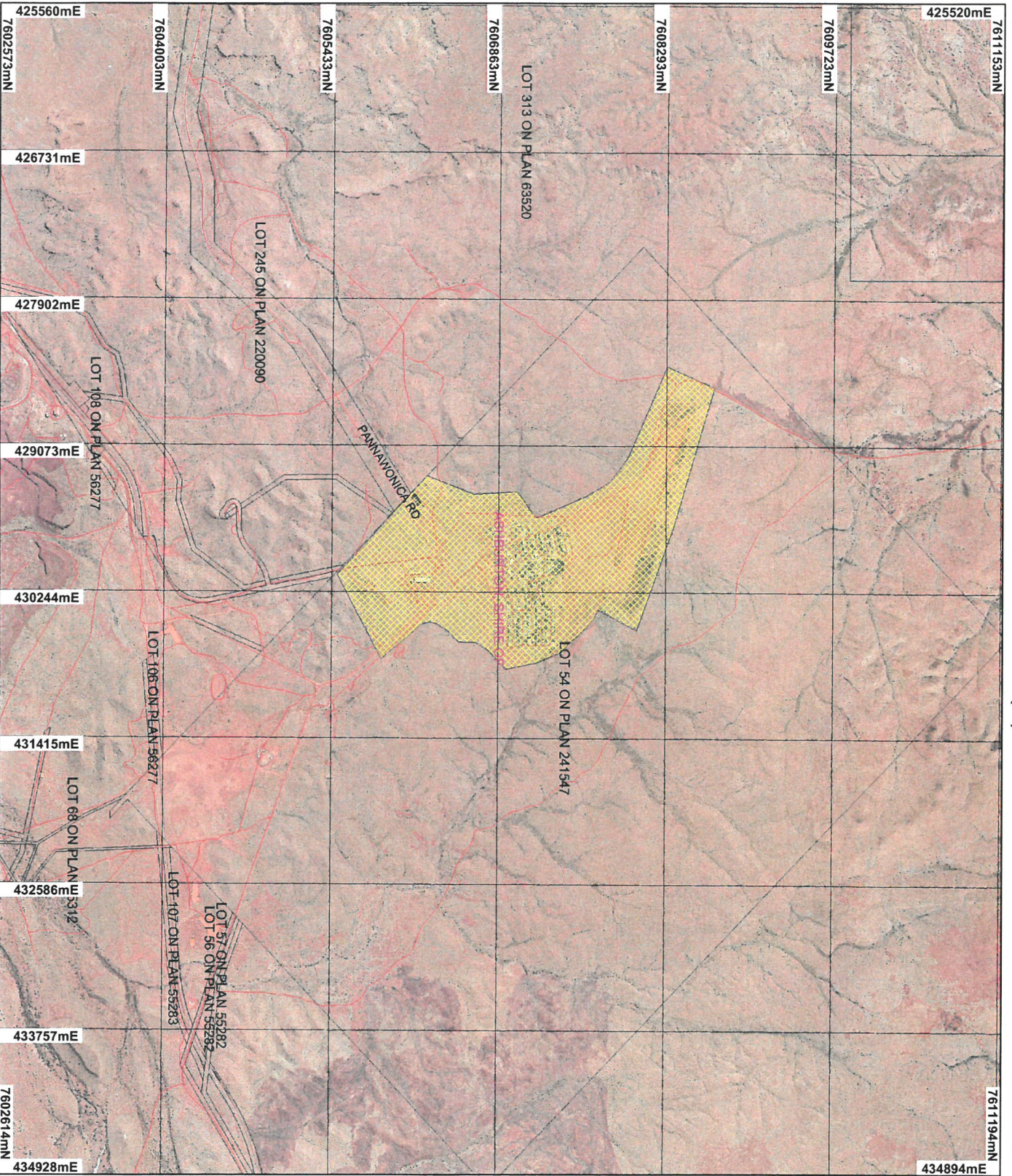
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[Signature] Date 1/11/13

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



Plan 6110/4 (c)



LEGEND

- Local Government Authorities
- Road Centrelines
- Cadastre
- Clearing Instruments
- Areas Approved to Clear
- Pannawonica 1.4m Orthomosaic - Landgate 2000

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



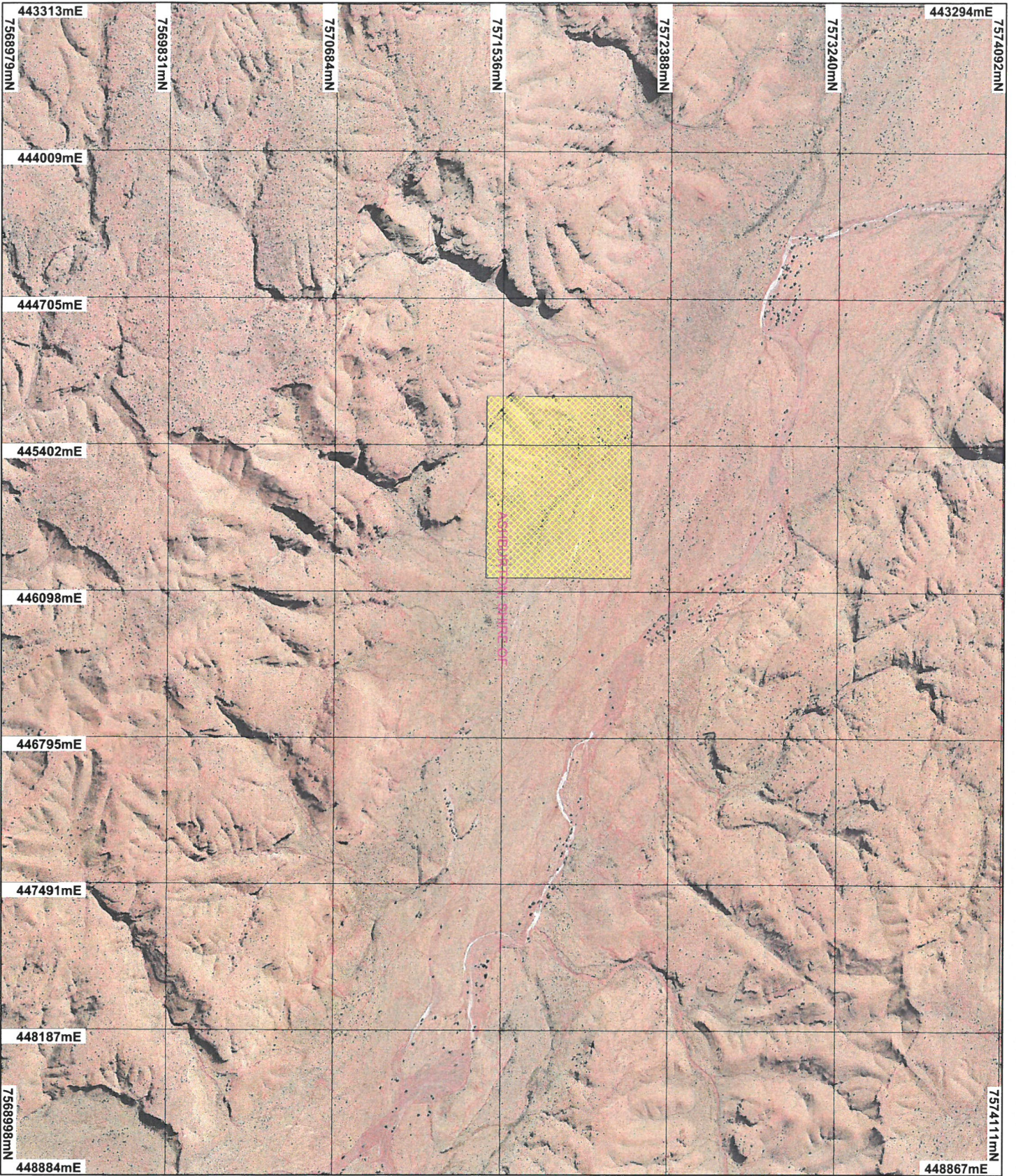
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Sheppard Date 11/1/13

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 6110/4 (d)



- LEGEND**
- Local Government Authorities
 - / Road Centrelines
 - Cadastre
 - Clearing Instruments
 - Areas Approved to Clear

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

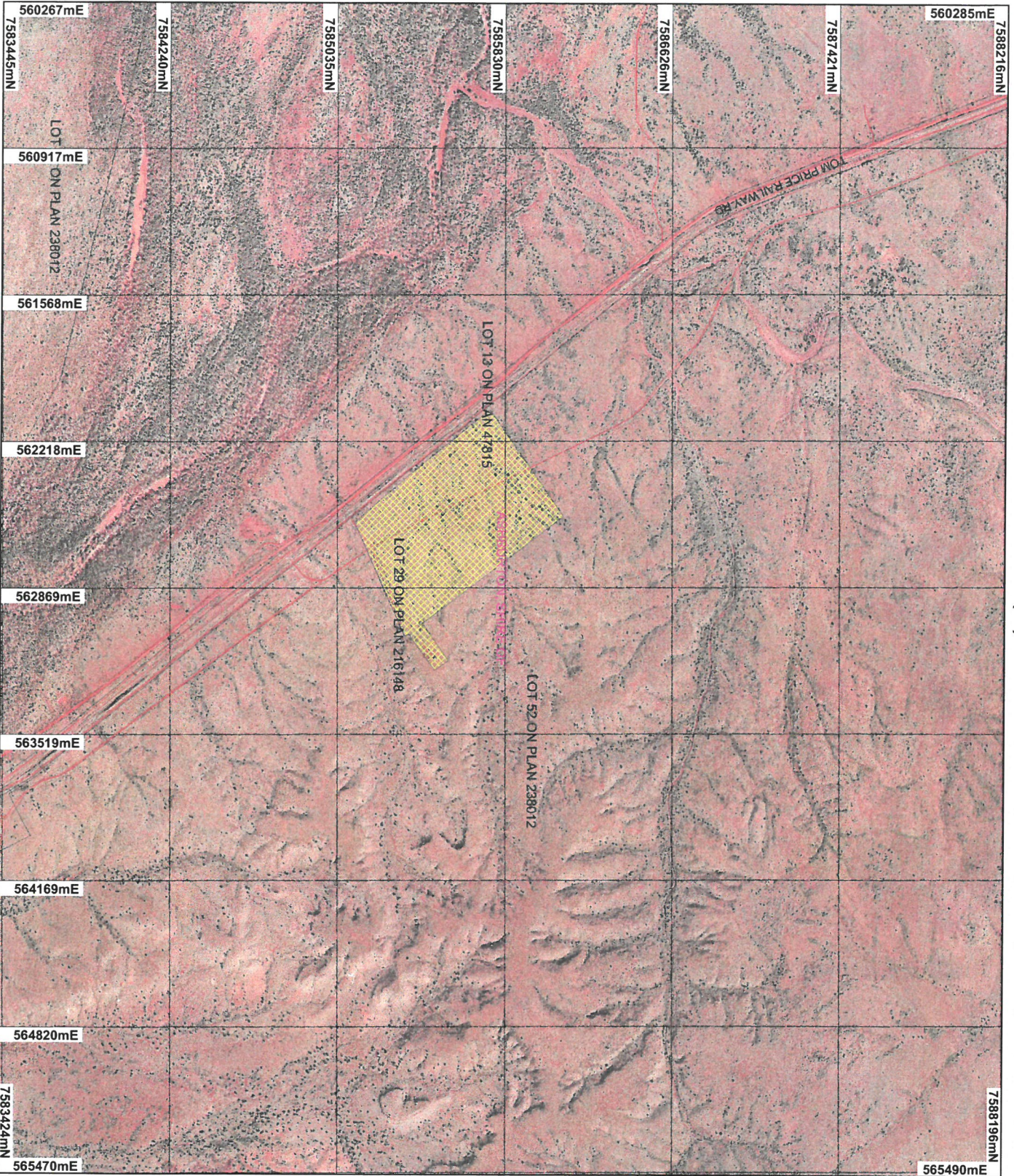


Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

[Signature] Date 11/1/18

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Plan 6110/4 (e)



LEGEND

- Local Government Authorities
 - / Road Centrelines
 - Cadastre
 - Clearing Instruments
 - Areas Approved to Clear
- Mount Billigoli 1.4m Orthomosaic -
Landgate 2000

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



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(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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distortion for measurement inaccuracies.

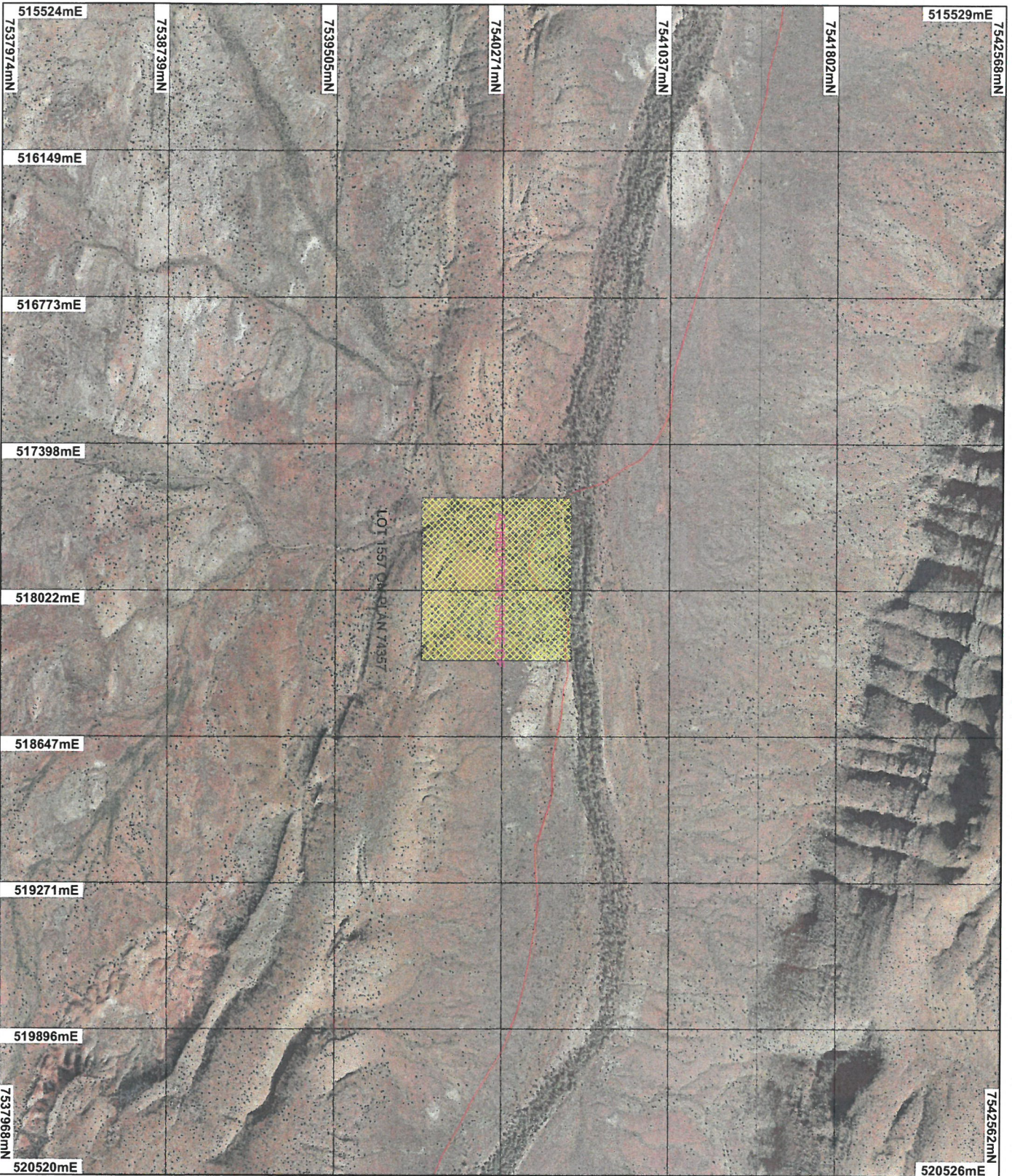
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Plan 6110/4 (f)



LEGEND

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

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



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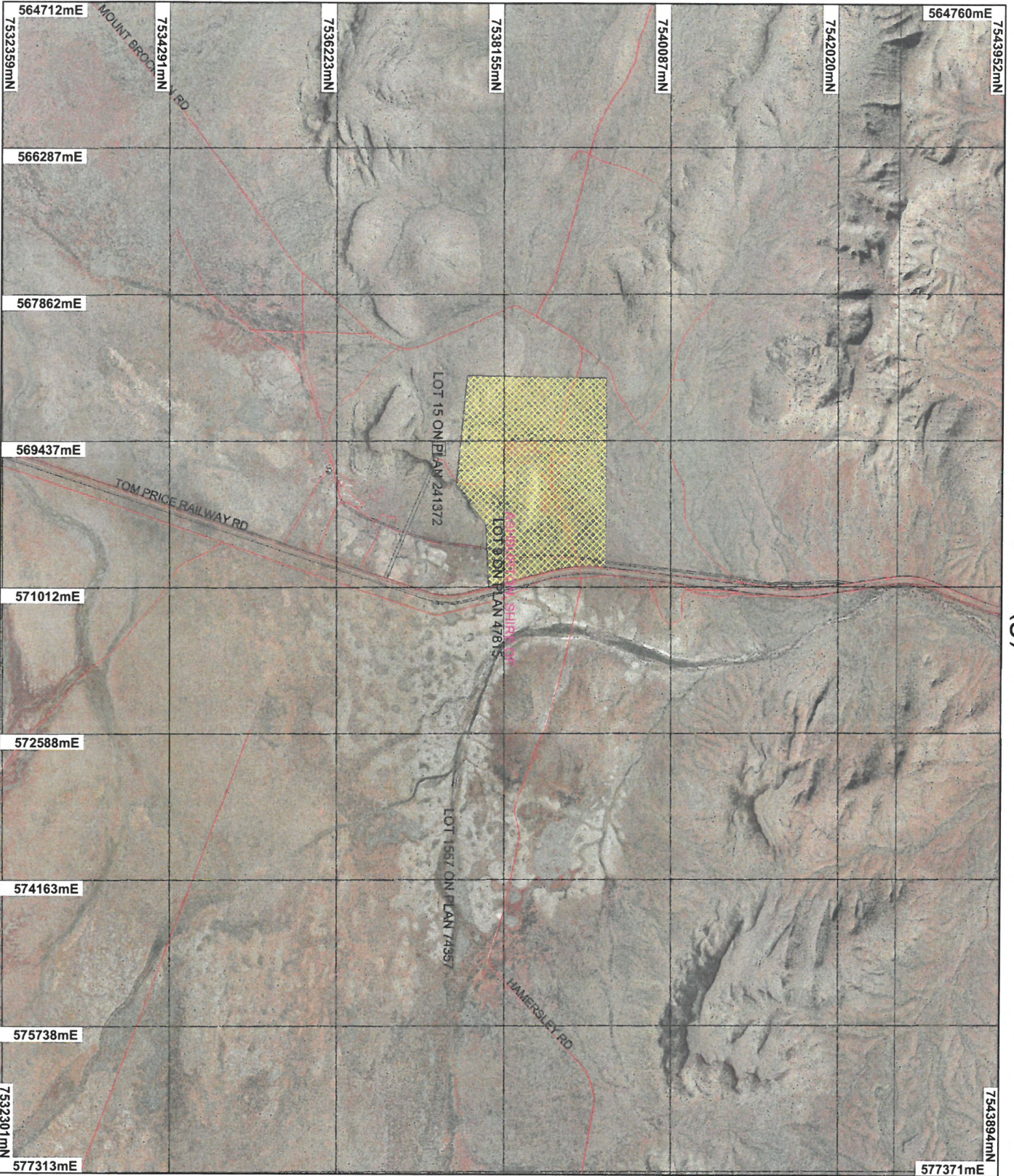
Geocentric Datum Australia 1994
Note: the data in this map have not been projected. This may result in geometric alignment or measurement inaccuracies.

[Signature] Date 1/1/18

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 6110/4 (g)



LEGEND

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

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



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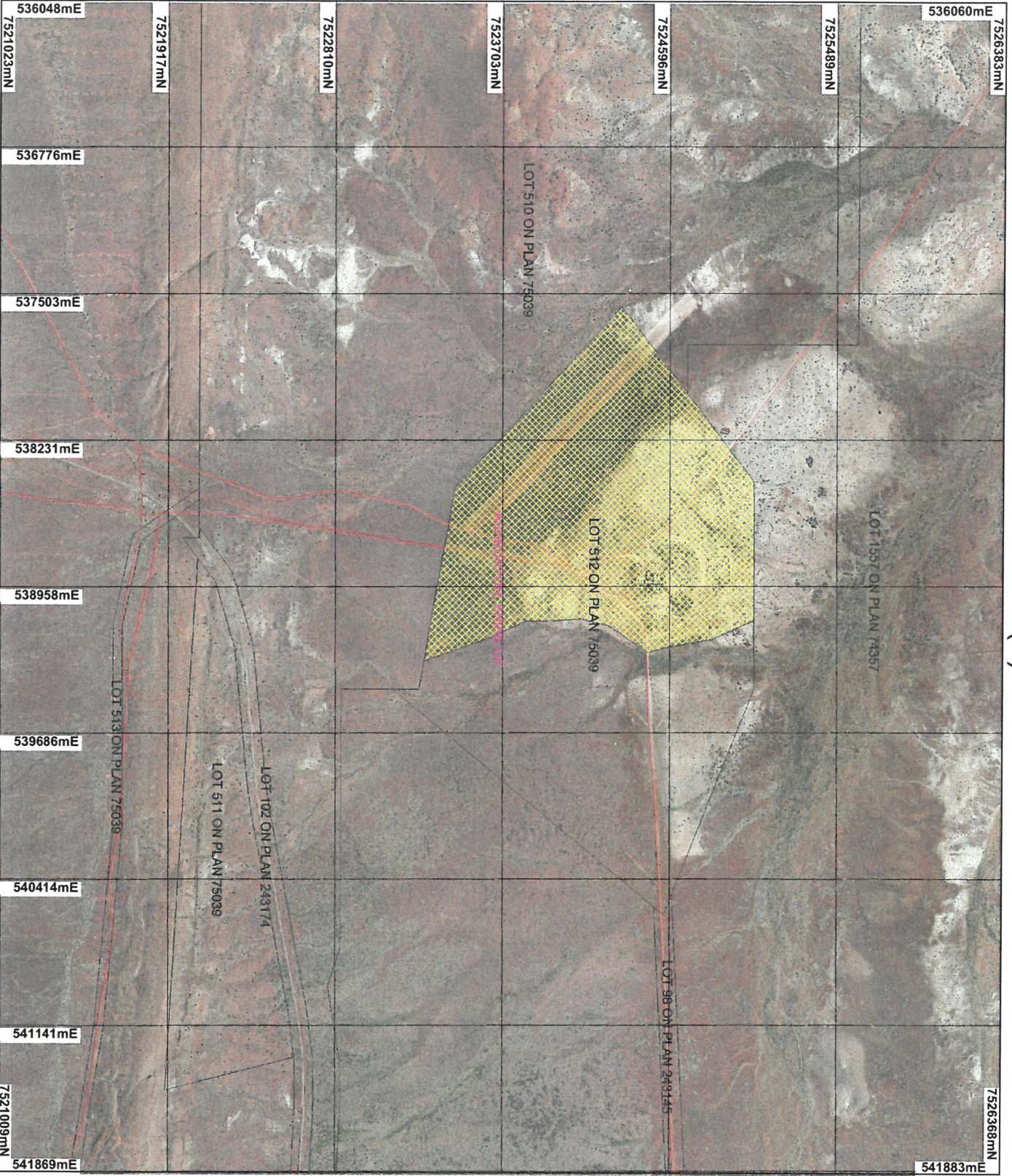
Geocentric Datum Australia 1994

Note: The data in this map have not been
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displayed or measurement inaccuracies.

Shirley Dated: 11/1/15

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the Environmental Protection Act 1986
Information derived from this map should be
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Plan 6110/4 (h)



LEGEND

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

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



0 750 m
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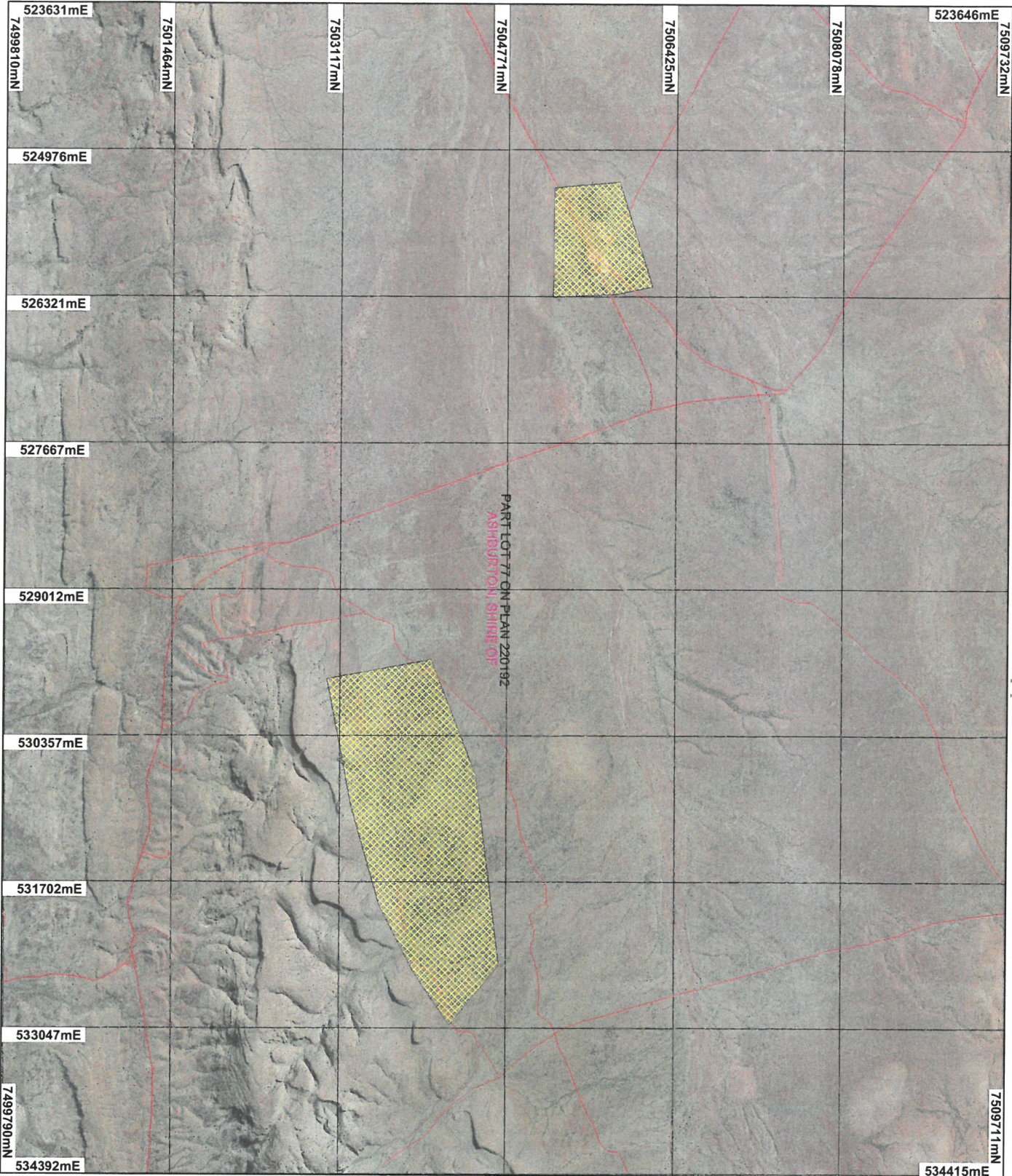
Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

[Signature] Date 1/1/15

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Plan 6110/4 (i)



LEGEND

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

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



Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

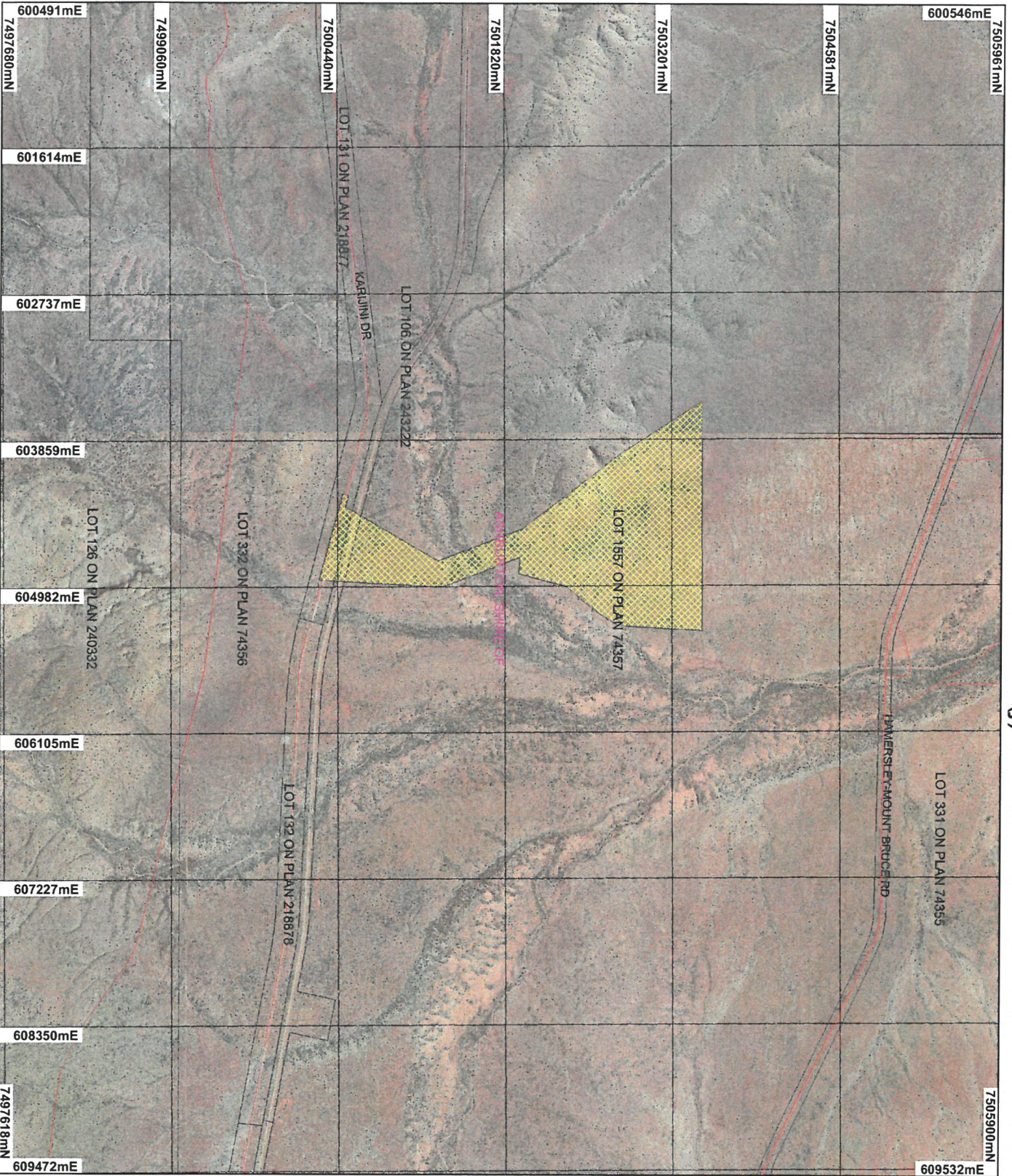
Clayton Date 11/11/15

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



Plan 6110/4 (j)



LEGEND

- Local Government Authorities
- Road Centrelines
- Cadastre
- Clearing Instruments
- Areas Approved to Clear
- Mount Bruce 50cm Orthomosaic - Landgate 2004
- Mount Lionel 50cm Orthomosaic - Landgate 2004

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



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(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

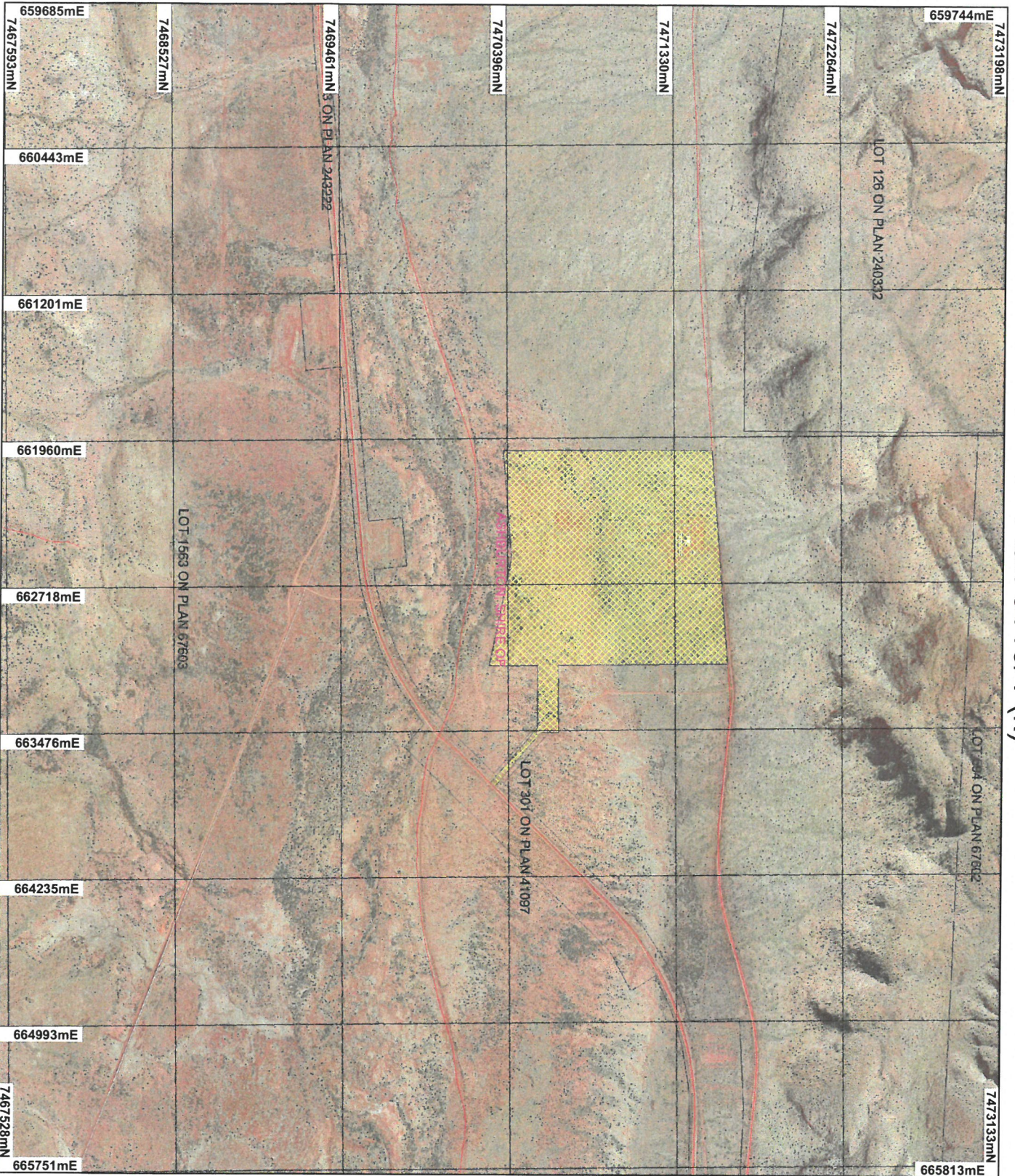
[Signature] Date 1/1/13

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 6110/4 (k)



LEGEND

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

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



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(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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distortion or measurement inaccuracies.

Shirley... Date: 1/1/18

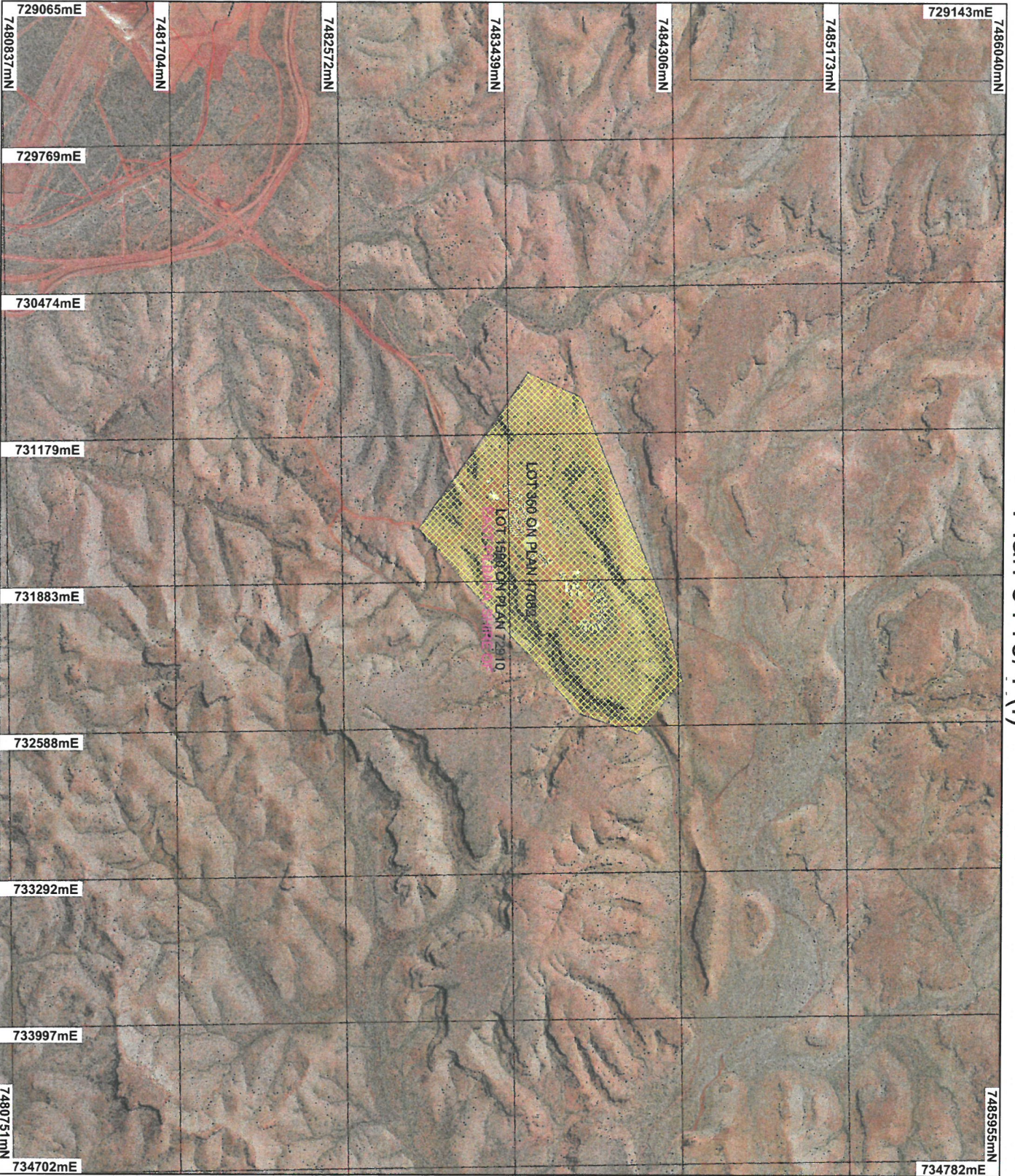
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Plan 6110/4 (I)



LEGEND

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

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



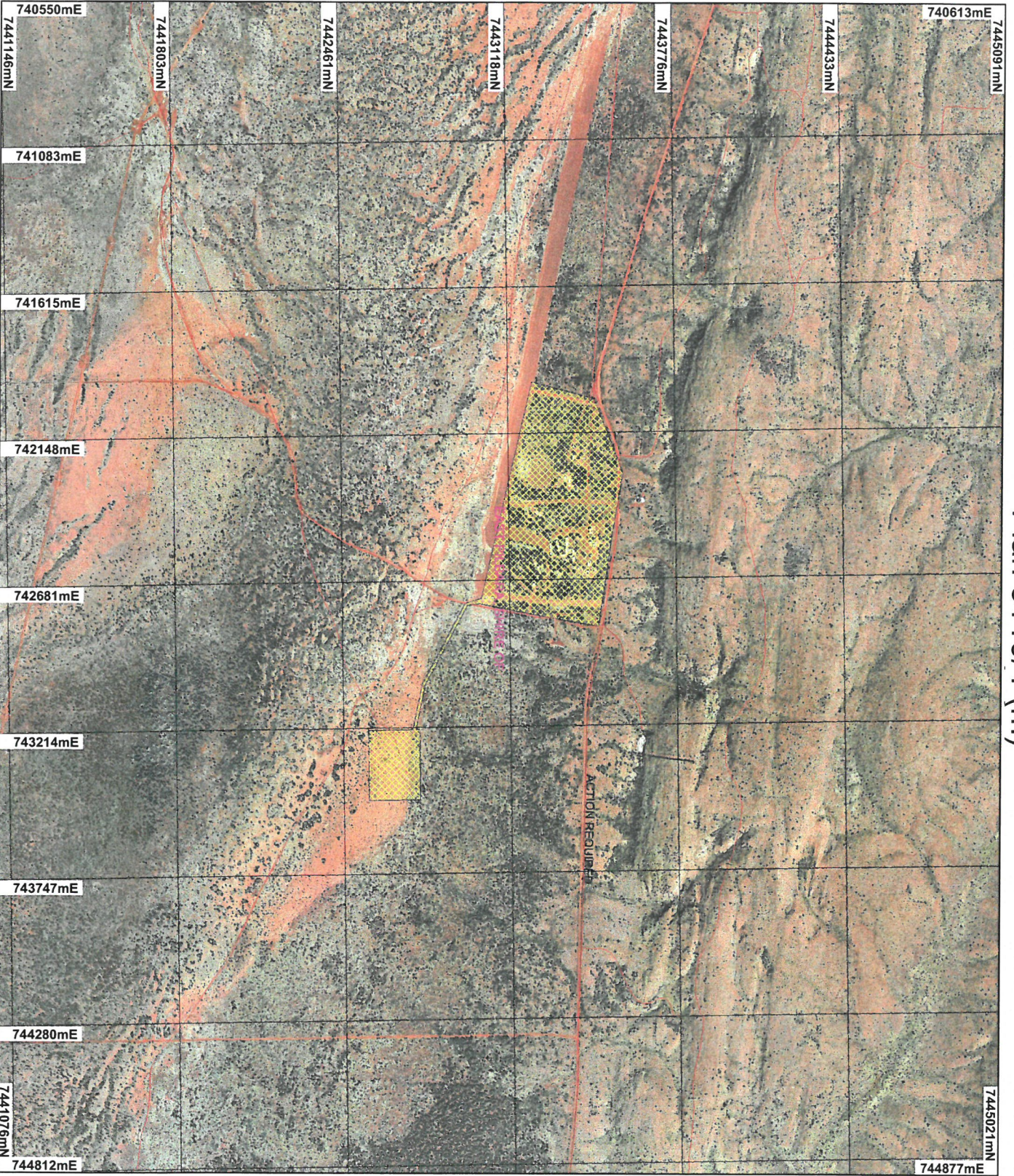
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[Signature] Date *1/1/15*
 Officer with delegated authority under Section 20 of
 the Environmental Protection Act 1986

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



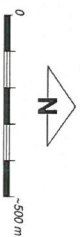
Plan 6110/4 (m)



LEGEND

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

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



Scale 1:19784
 (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.

D. Simpson Date 1/1/18

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



Plan 6110/4 (n)



Legend

-  CPS areas approved to clear
-  Local Government Authorities
- Road Centrelines**
-  Main Roads
-  Local Rd - Sealed
-  Local Rd - Other
-  No Classification
- Railways**
-  Mainline



MGA 94
Geocentric Datum of Australia 1994
[Signature] Date: 1/11/18

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



**GOVERNMENT OF
WESTERN AUSTRALIA**



Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 6110/4
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Pilbara Iron Company (Services) Pty Ltd
Application received date: 20 July 2018

1.3. Property details

Property: Clearing authorised under this Permit is to be undertaken within land tenure or rights administered under the Mining Act 1904 (WA), Mining Act 1978 (WA), Land Act 1933 (WA), Land Administration Act 1997 (WA), Property Law Act 1969 (WA), Transfer of Land Act 1893 (WA), Strata Titles Act 1985 (WA), the Rights in Water and Irrigation Act 1914 (WA), the Water Corporation Act 1995 (WA), the Water Agencies (Powers) Act 1984 (WA) or the following State Agreement Acts –

- Iron Ore (Hamersley Range) Agreement Act 1963
- Iron Ore (Robe River) Agreement Act 1964
- Iron Ore (Hamersley Range) Agreement Act 1968 (Paraburdo)
- Iron Ore (Mount Bruce) Agreement Act 1972
- Iron Ore (Channar Joint Venture) Agreement Act 1987
- Iron Ore (Hope Downs) Agreement Act 1992
- Iron Ore (Yandicoogina) Agreement Act 1996
- Karijini Drive Road reserve (Lot 106 on Plan 218877)

Local Government Authority: ASHBURTON, SHIRE OF and EAST PILBARA, SHIRE OF and KARRATHA, CITY OF
Localities: MAITLAND and DAMPIER and JUNA DOWNS and NEWMAN and MOUNT SHEILA and ROCKLEA and FORTESCUE and BURRUP and CHICHESTER and PARABURDOO and PANNAWONICA and HAMERSLEY RANGE and COOYA POOYA and DAMPIER ARCHIPELAGO

1.4. Application

| | | | |
|--------------------|-----------|--------------------|-----------------------|
| Clearing Area (ha) | No. Trees | Method of Clearing | Purpose category: |
| 53 | | Mechanical Removal | Building or structure |

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 1 November 2018
Reasons for Decision: The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*, and has concluded that the findings from the previous assessment for CPS 6110/3 are still relevant.

2. Site Information

Clearing Description The amended application is for 53 hectares of native vegetation within various properties, road reserves and unallocated Crown land, within the Shires of Ashburton, City of Karratha and Shire of East Pilbara, for the purpose of constructing town and camp infrastructure and associated works.

Vegetation Description The application area is mapped as Beard vegetation associations:

- 117: Hummock grasslands, grass steppe; soft spinifex;
- 152: Hummock grasslands, grass steppe; soft & hard spinifex soft spinifex;
- 173: Hummock grasslands, low tree steppe; snappy gum over soft spinifex & *Triodia brizoides*;
- 607: Hummock grasslands, low tree steppe; snappy gum & bloodwood over soft spinifex & *Triodia wiseana*;
- 82: Hummock grasslands, low tree steppe; snappy gum over *Triodia wiseana*;
- 565: Hummock grasslands, low tree steppe; bloodwood over soft spinifex;
- 29: Sparse low woodland; mulga, discontinuous in scattered groups;
- 18: Low woodland; mulga (*Acacia aneura*);
- 567: Hummock grasslands, shrub steppe; mulga & kanji over soft spinifex & *Triodia basedowii*; and
- 181: Shrublands; mulga & snakewood scrub(Shepherd et al, 2001)

Vegetation Condition

Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)

To

Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)

The condition of the vegetation was determined via aerial imagery, previous environmental assessments undertaken by the former Department of Mines and Petroleum and the former Department of Environment Regulation, and flora survey's undertaken by Matisse Consulting Pty Ltd (2011) and Rio Tinto (2017) (Matisse Consulting Pty Ltd; Rio Tinto, 2017).

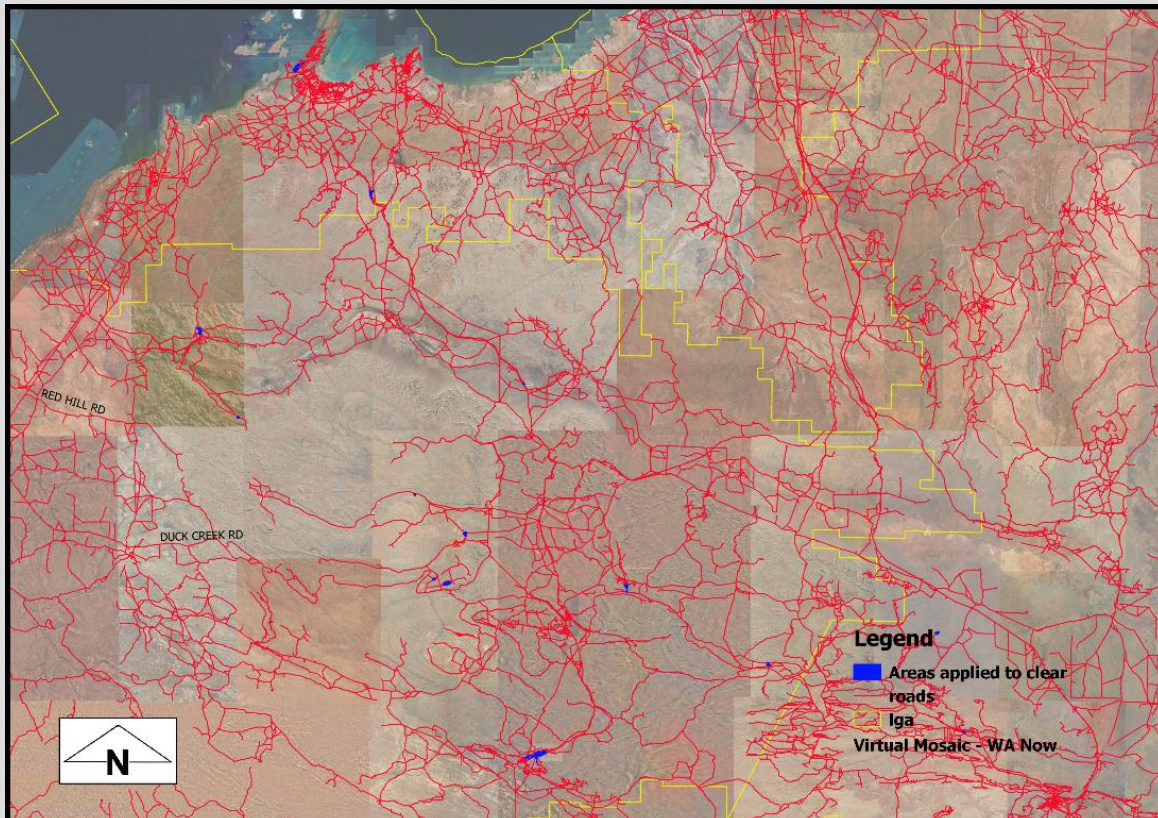


Figure 1: Application area

3. Assessment of application against clearing principles

The applicant has applied to amend clearing permit CPS 6110/3, requesting to amend the size of the clearing footprint only, the size of the area applied to clear will remain the same.

A review of current environmental information reveals no additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Reports CPS 6110/1 and CPS 6110/2.

Planning instruments and other relevant matters

A review of the annual reports submitted to the Department of Water and Environmental Regulation (DWER) was conducted for previous versions of CPS 6110/3. Following this investigation it was determined that a total of 0.2 hectares of clearing had been undertaken to date under CPS 6110/2.

The assessment against Planning and Other Matters has not changed and can be found in Decision Report CPS 6110/1 and CPS 6110/2.

The clearing permit application was advertised on the DWER website on 22 September 2018 with a 7 day submission period. No public submissions have been received in relation to this application.

4. References

- Keighery, B.J. (1994) Bushland Plant Survey: Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske Consulting Pty Ltd (2011) Flora and Vegetation Survey of Turee Syncline Area. Prepared for Rio Tinto. Perth, Western Australia (DWER Ref: A1688012).
- Rio Tinto (2017) Flora Vegetation and Fauna Habitat Assessment Paraburdoo Additional Water Pipeline. Native Vegetation Clearing Permit – Supporting Report. December 2017. Perth, Western Australia (DWER Ref: A1603548).
- 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.