



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6020/2
Permit Holder:	Commissioner of Main Roads Western Australia
Duration of Permit:	18 October 2014 – 18 October 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 roads, access tracks, construction camps, bore sites, gravel pits and laydown areas.

2. Land on which clearing is to be done

Lot 182 on Deposited Plan 28412, Minilya
Lot 285 on Deposited Plan 30477, Minilya
Lot 241 on Deposited Plan 219245, Minilya
Lot 179 on Deposited Plan 220605, Lyndon
Lot 286 on Deposited Plan 30478, Lyndon
Lot 287 on Deposited Plan 30479, Lyndon and Yannarie
Lot 174 on Deposited Plan 220553, Lyndon and Yannarie
Lot 158 on Deposited Plan 189075, Lyndon
Lot 171 on Deposited Plan 238297, Lyndon
Lot 289 on Deposited Plan 30480, Exmouth Gulf
Lot 190 on Deposited Plan 227904, Exmouth Gulf
Lot 290 on Deposited Plan 30480, Exmouth Gulf
Lot 288 on Deposited Plan 30480, Yannarie and Lyndon
Lot 172 on Deposited Plan 238297, Yannarie
Lot 165 on Deposited Plan 220784, Yannarie
Lot 320 on Deposited Plan 68269, Yannarie
Lot 291 on Deposited Plan 30481, Yannarie
Lot 292 on Deposited Plan 30482, Yannarie
Lot 293 on Deposited Plan 30483, Yannarie
Lot 170 on Deposited Plan 220393, Yannarie
Lot 74 on Deposited Plan 175273, Lyndon
North West Coastal Highway road reserves (PIN 11730981, PIN 11728407, PIN 11728405, PIN 11728406, PIN 11728402, PIN 11728371, PIN 11728408), Lyndon and Yannarie
Burkett Road reserve (PIN 11241801), Yannarie
Towera Road reserve (PIN 11709012), Yannarie
Yanrey Road reserve (PIN 11730661), Yannarie
Mia Mia Road reserve (PIN 11709077, PIN 11709084, PIN 11709078), Lyndon
Marrilla Road reserve (PIN 11728380, PIN 11728379, PIN 11728382), Lyndon and Yannarie
Minilya-Exmouth Road reserve (PIN 11728365), Minilya
Unnamed road reserves (PIN 11728397, PIN 11709079, PIN 11728370, PIN 11728372, PIN 11738178, PIN 11728394), Exmouth Gulf, Lyndon, Minilya and Yannarie

3. Area of Clearing

The Permit Holder must not clear more than 812 hectares of native vegetation within the combined areas cross hatched yellow on attached Plan 6020/2a, Plan 6020/2b, Plan 6020/2c, Plan 6020/2d,

Plan 6020/2e, Plan 6020/2f, Plan 6020/2g, Plan 6020/2h, Plan 6020/2i, Plan 6020/2j, Plan 6020/2k and Plan 6020/2l.

4. Period in which clearing is authorised

The Permit Holder shall not clear any native vegetation after 18 October 2019.

5. 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.

6. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for the project activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those project activities under the *Main Roads Act 1930*, *Land Administration Act 1997* or any other written law.

PART II – MANAGEMENT CONDITIONS

7. 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*:

- (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.

8. 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* the area(s) that are no longer required for the purpose for which they were cleared under this Permit by:
 - (i) re-shaping the surface of the land so that it is consistent with the surrounding 5 metres of uncleared land; and
 - (ii) ripping the ground on the contour to remove soil compaction; and
 - (iii) laying the vegetative material and topsoil retained under condition 8(a) on the cleared area(s).
- (c) within 18 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 8(b) of this Permit:
 - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
 - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 8(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, *revegetate* the area by deliberately *planting* and/or *direct seeding* native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area and ensuring only *local provenance* seeds and propagating material are used.
- (d) Where additional *planting* or *direct seeding* of native vegetation is undertaken in accordance with condition 8(c)(ii) of this permit, the Permit Holder shall repeat condition 8(c)(i) and 8(c)(ii) within 24 months of undertaking the additional *planting* or *direct seeding* of native vegetation.
- (e) Where a determination by an *environmental specialist* that the composition, structure and density within areas *revegetated* and *rehabilitated* will result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, as determined in

condition 8(c)(i) and (ii) of this permit, that determination shall be submitted for the CEO's consideration. If the CEO does not agree with the determination made under condition 8(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 8(c)(ii).

PART III - RECORD KEEPING AND REPORTING

9. Records must 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 species composition, structure and density of the cleared area;
 - (ii) 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;
 - (iii) the date that the area was cleared; and
 - (iv) the size of the area cleared (in hectares).
- (b) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 8 of this Permit:
 - (i) the location of any areas *revegetated* and *rehabilitated*, 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) a description of the *revegetation* and *rehabilitation* activities undertaken;
 - (iii) the size of the area *revegetated* and *rehabilitated* (in hectares);
 - (iv) the species composition, structure and density of *revegetation* and *rehabilitation*, and
 - (v) a copy of the environmental specialist's report.

10. 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 9 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 30 June of each year.
- (c) Prior to 18 July 2024, the Permit Holder must provide to the CEO a written report of records required under condition 9 of this Permit where these records have not already been provided under condition 10(a) of 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;

environmental specialist: means a person 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, or who is approved by the CEO as a suitable environmental specialist;

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

local provenance means native vegetation seeds and propagating material from natural sources within 100 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared;

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*;

planting means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

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;

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.



M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

23 July 2015

Plan 6020/2a



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
-  Virtual Mosaic



1:100,000

MGA 94
 Geocentric Datum of Australia 1994

M Warnock Date 23/7/15
 M Warnock

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



Plan 6020/2b



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:90,000

MGA 94
Geocentric Datum of Australia 1994

M Warnock Date *23/7/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2c



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:130,000

MGA 94
Geocentric Datum of Australia 1994

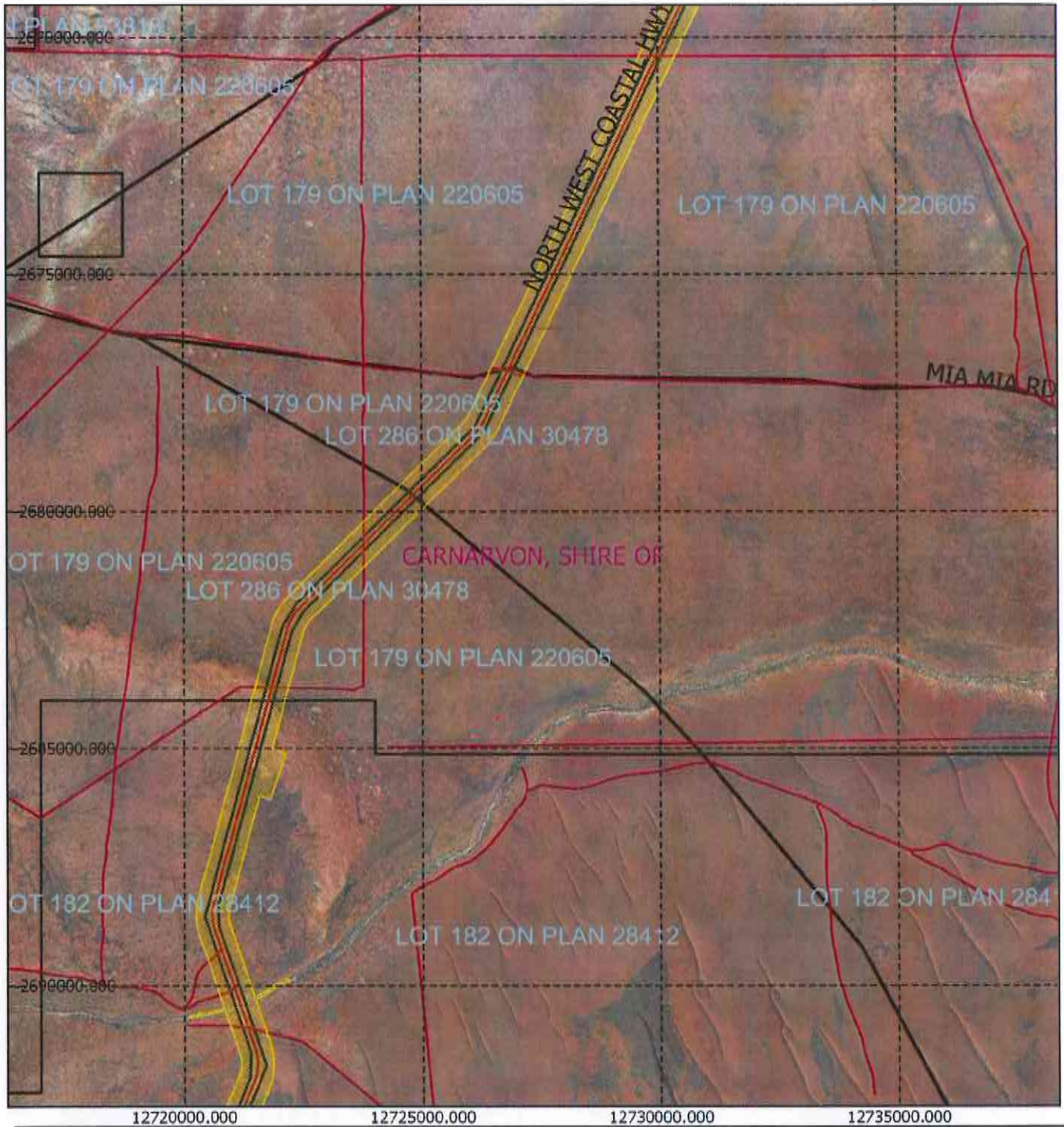
M Warnock Date 23/7/15
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2d



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:120,000

MGA 84
Geocentric Datum of Australia 1994

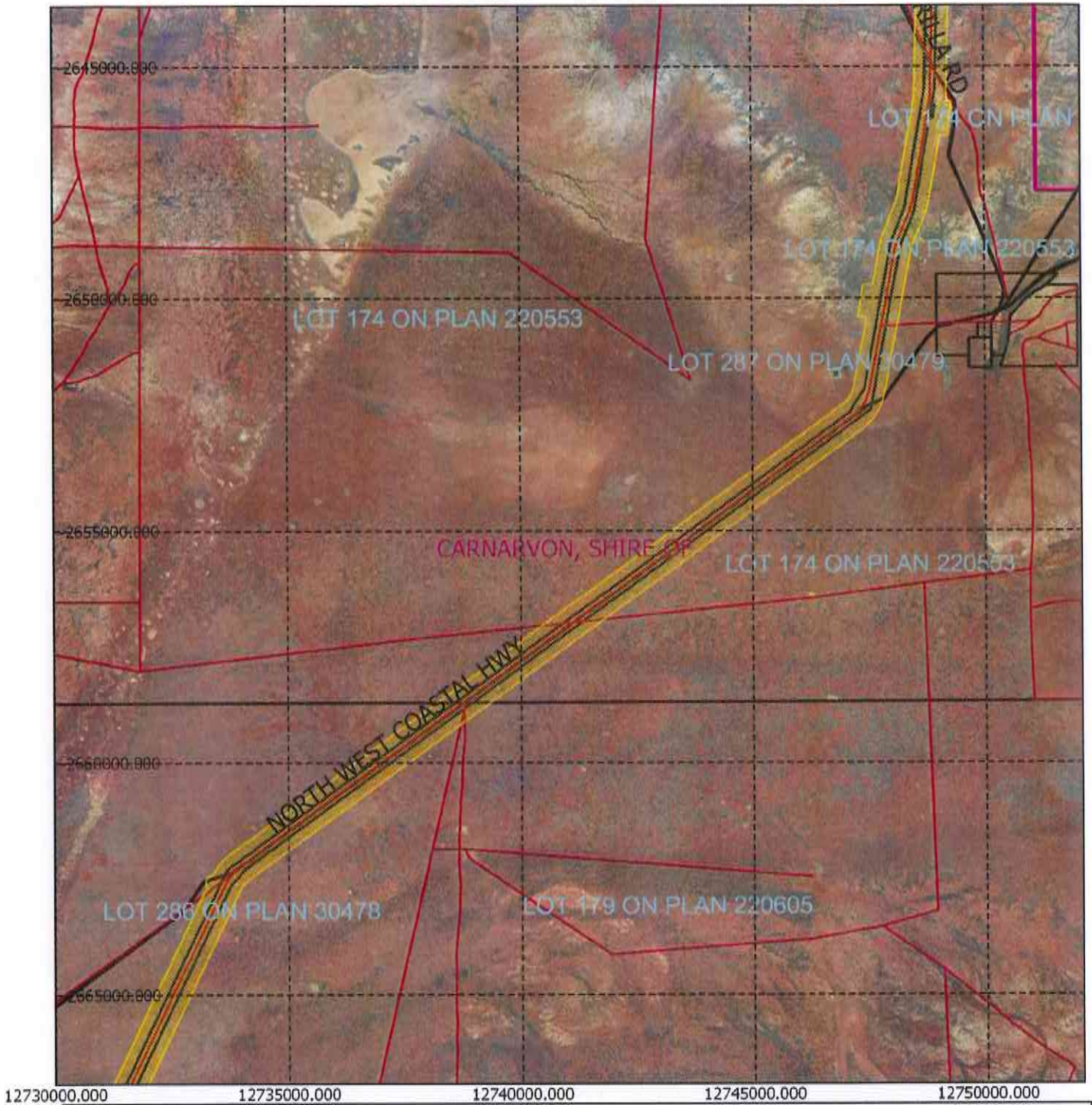
M Wamock Date: 23/7/15
M Wamock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2f



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:120,000

MGA 94
Geocentric Datum of Australia 1994

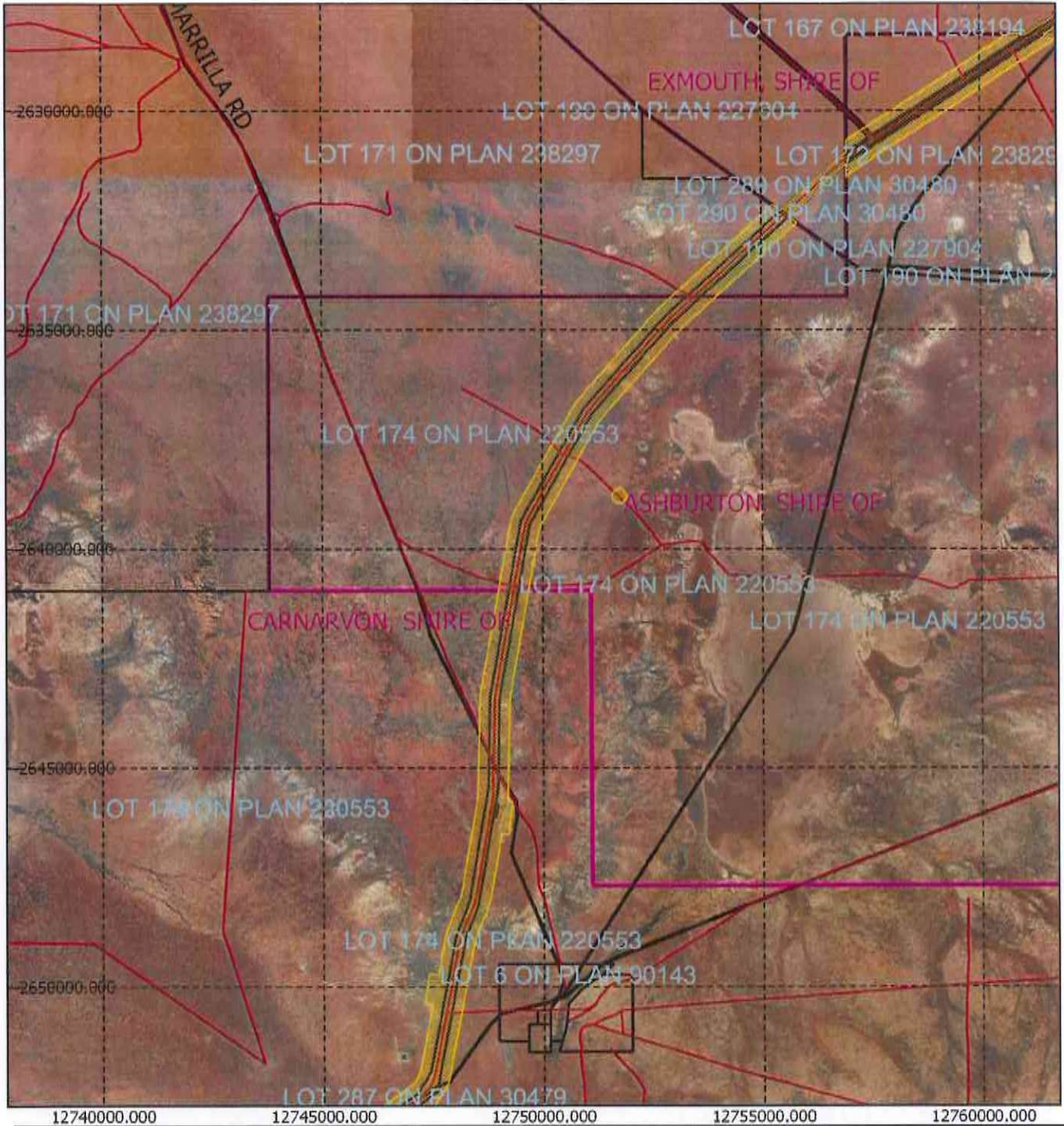
M Warnock Date *23/7/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2g



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
-  Virtual Mosaic



1:130,000

MGA 84
Geocentric Datum of Australia 1994

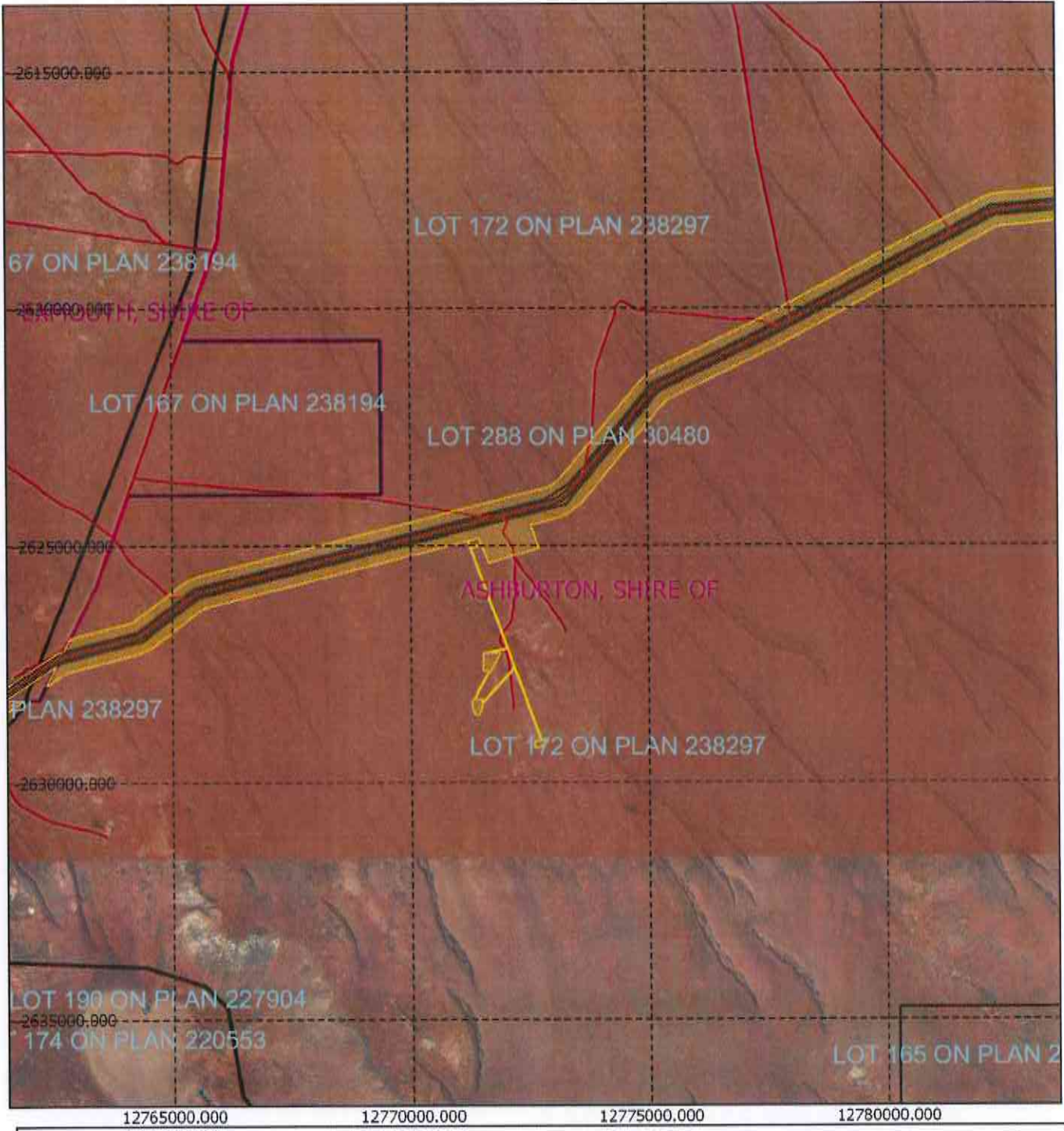
M Wamock Date 23/7/15
M Wamock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2h



Legend

- Areas approved to clear
- Iga
- Roads
- Cadastre
- Virtual Mosaic



1:120,000

MGA 94
Geocentric Datum of Australia 1994

M Warnock Date *23/7/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2i



Legend

-  Areas approved to clear
-  Lga
-  Roads
-  Cadastre
- Virtual Mosaic



1:110,000

MGA84
Geocentric Datum of Australia 1984

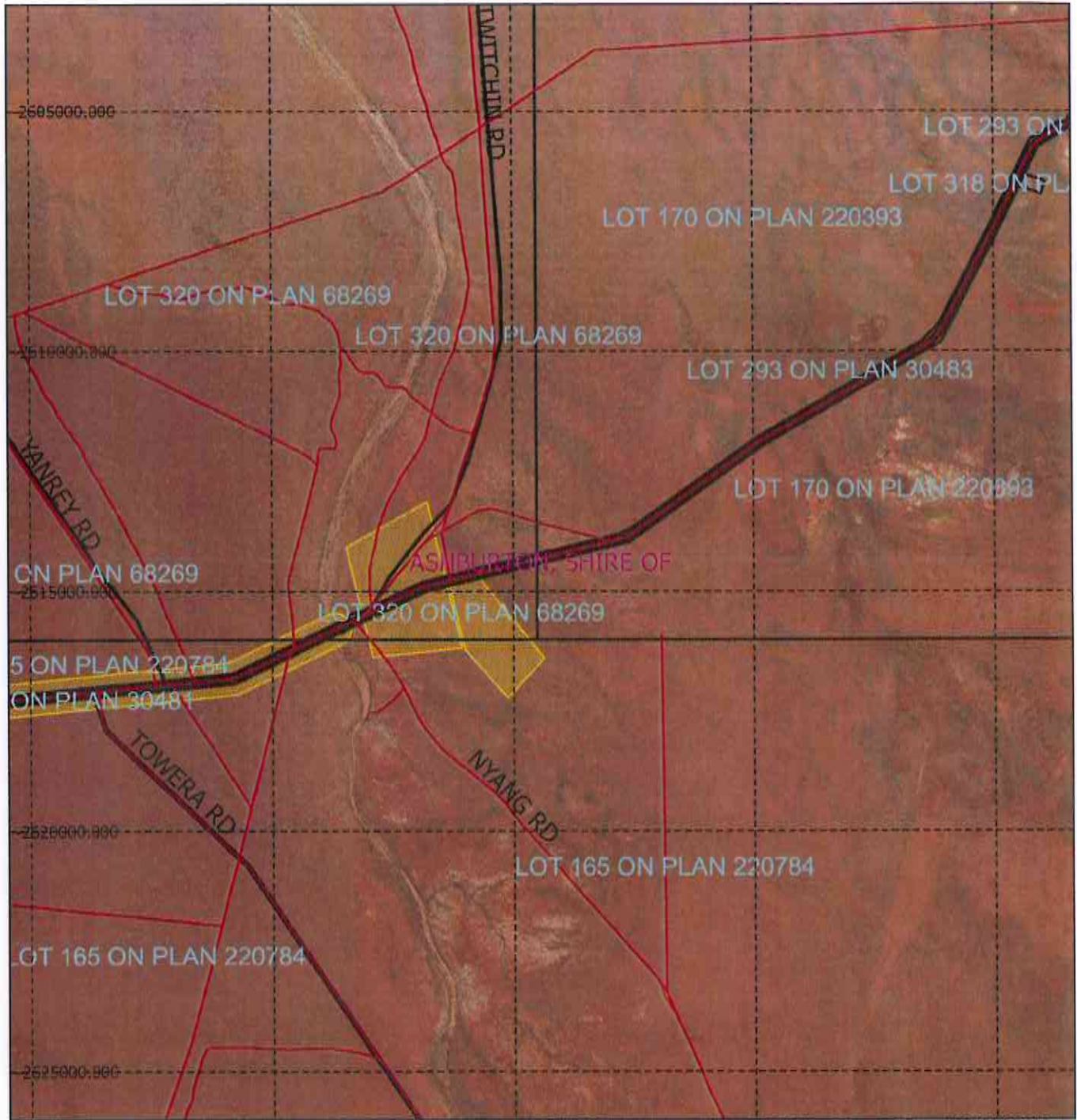
M Wamock Date 23/7/15
M Wamock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2j



12790000.000 12795000.000 12800000.000 12805000.000 12810000.000

Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:120,000

MGA 94
Geocentric Datum of Australia 1994

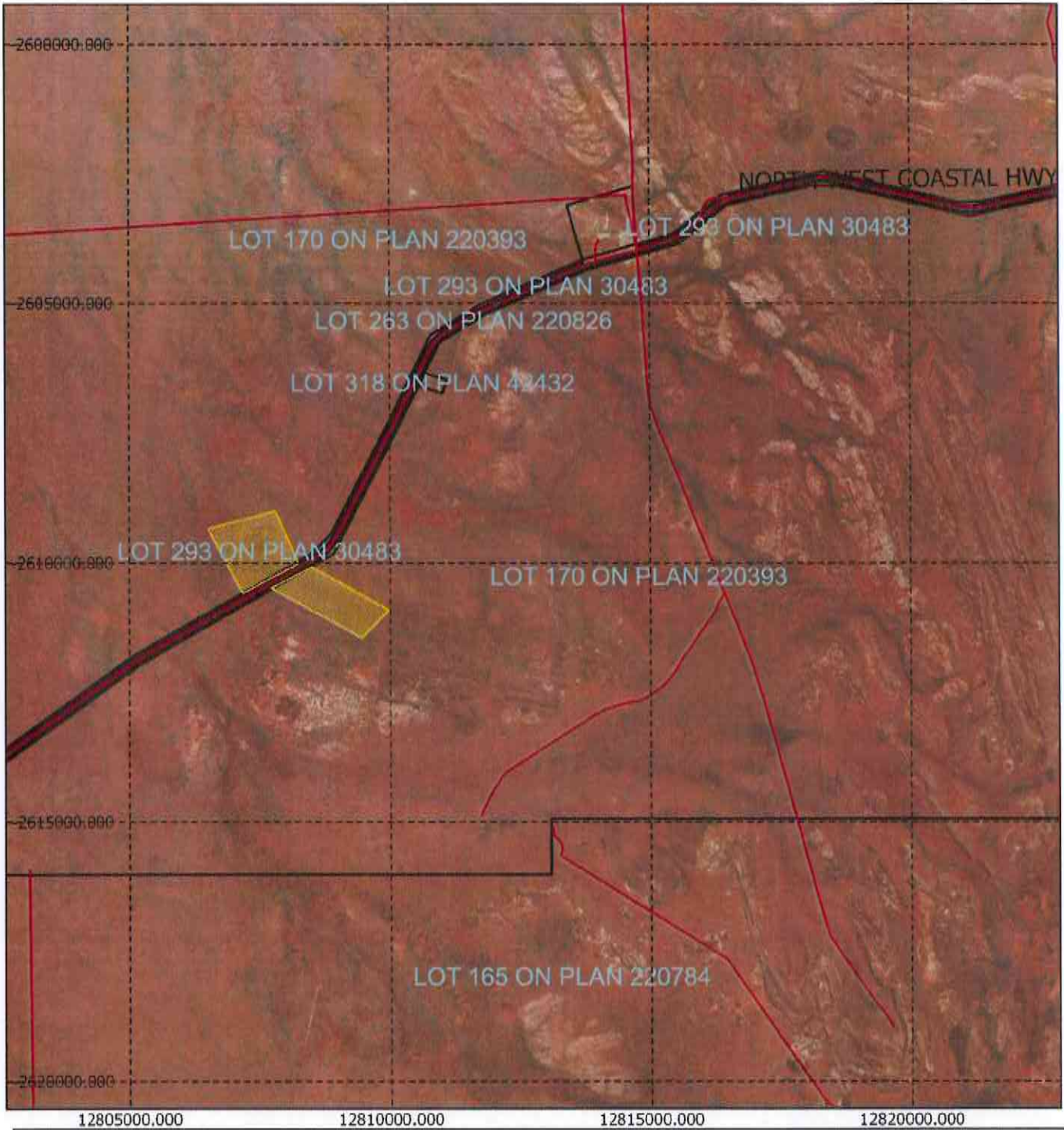
M Warnock Date *23/7/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2k



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:110,000

MGA 94
Geocentric Datum of Australia 1994

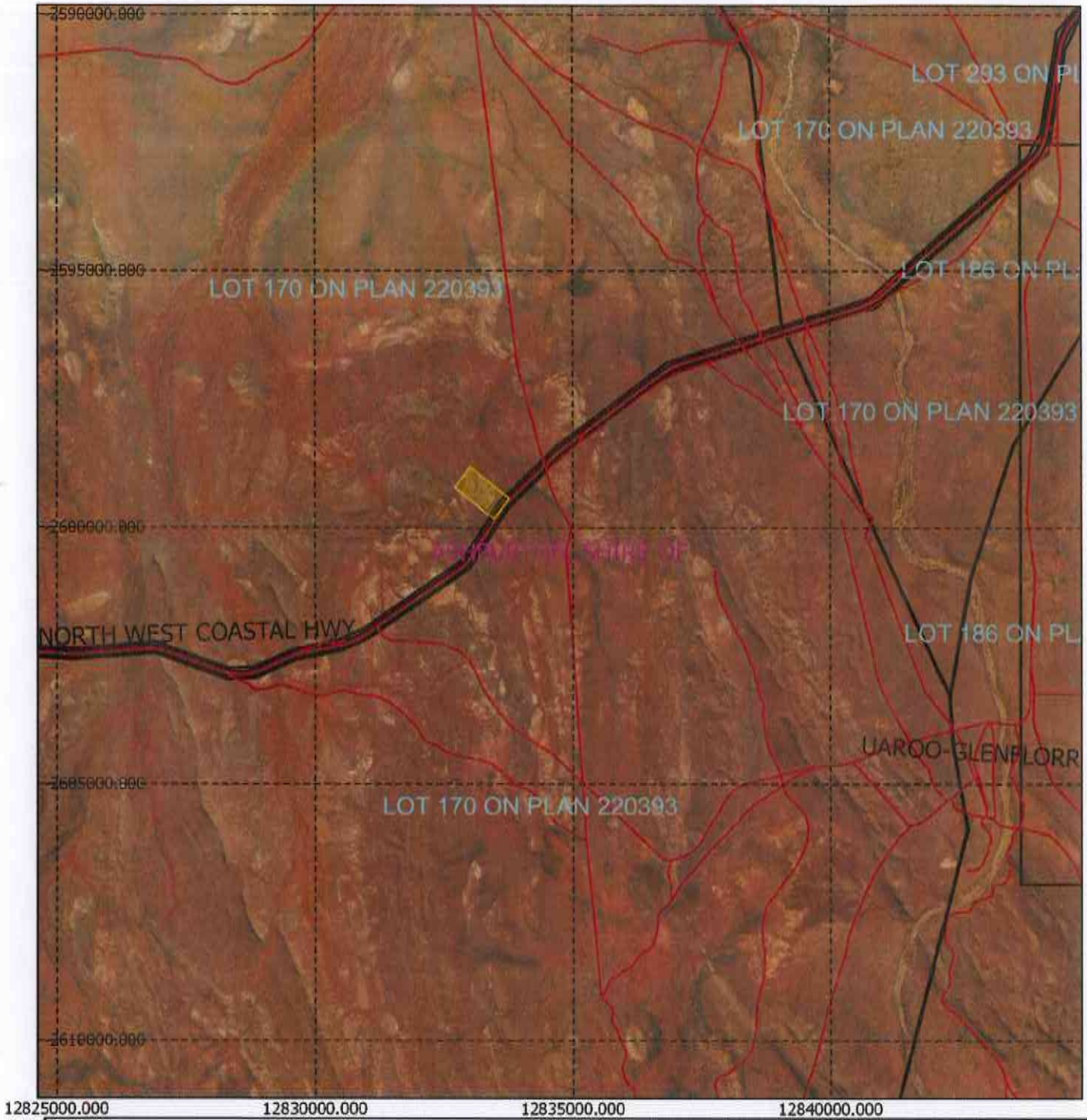
M Warnock Date *23/7/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6020/2I



Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:110,000

MSA 94
Geocentric Datum of Australia 1994

M Warnock Date *23/7/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 6020/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Commissioner of Main Roads WA

1.3. Property details

Property:

LOT 74 ON DEPOSITED PLAN 175273, LYNDON
 LOT 320 ON DEPOSITED PLAN 68269, YANNARIE
 LOT 293 ON DEPOSITED PLAN 30483, YANNARIE
 LOT 292 ON DEPOSITED PLAN 30482, YANNARIE
 LOT 291 ON DEPOSITED PLAN 30481, YANNARIE
 LOT 290 ON DEPOSITED PLAN 30480, EXMOUTH GULF
 LOT 289 ON DEPOSITED PLAN 30480, EXMOUTH GULF
 LOT 288 ON DEPOSITED PLAN 30480, YANNARIE, LYNDON
 LOT 287 ON DEPOSITED PLAN 30479, YANNARIE, LYNDON
 LOT 286 ON DEPOSITED PLAN 30478, LYNDON
 LOT 285 ON DEPOSITED PLAN 30477, MINILYA
 LOT 241 ON DEPOSITED PLAN 219245, MINILYA
 LOT 190 ON DEPOSITED PLAN 227904, EXMOUTH GULF
 LOT 182 ON DEPOSITED PLAN 28412, MINILYA
 LOT 179 ON DEPOSITED PLAN 220605, LYNDON
 LOT 174 ON DEPOSITED PLAN 220553, YANNARIE, LYNDON
 LOT 172 ON DEPOSITED PLAN 238297, YANNARIE
 LOT 171 ON DEPOSITED PLAN 238297, LYNDON
 LOT 170 ON DEPOSITED PLAN 220393, YANNARIE
 LOT 165 ON DEPOSITED PLAN 220784, YANNARIE
 LOT 158 ON DEPOSITED PLAN 189075, LYNDON
 ROAD RESERVE - 11728402, YANNARIE
 ROAD RESERVE - 11728397, YANNARIE
 ROAD RESERVE - 11728408, YANNARIE
 ROAD RESERVE - 11728406, YANNARIE
 ROAD RESERVE - 11730661, YANNARIE
 ROAD RESERVE - 11709012, YANNARIE
 ROAD RESERVE - 11728405, YANNARIE
 ROAD RESERVE - 11728407, YANNARIE
 ROAD RESERVE - 11728394, EXMOUTH GULF
 ROAD RESERVE - 11241801, YANNARIE
 ROAD RESERVE - 11730981, YANNARIE
 ROAD RESERVE - 11728382, LYNDON
 ROAD RESERVE - 11728379, LYNDON
 ROAD RESERVE - 11728372, LYNDON
 ROAD RESERVE - 11728380, YANNARIE
 ROAD RESERVE - 11728371, LYNDON
 ROAD RESERVE - 11709078, LYNDON
 ROAD RESERVE - 11709084, LYNDON
 ROAD RESERVE - 11738178, MINILYA
 ROAD RESERVE - 11709079, LYNDON
 ROAD RESERVE - 11728370, LYNDON
 ROAD RESERVE - 11709077, LYNDON
 ROAD RESERVE - 11728365, MINILYA

Colloquial name: North West Coastal Highway, Burkett Road, Towera Road, Yanrey Road, Mia Mia Road, Marrilla Road, Minilya-Exmouth Road, Unnamed Roads
 Local Government Authority: Shire of Carnarvon, Exmouth and Ashburton
 DER Region: Mid West and Pilbara

1.4. Application

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

1.5. Decision on application

Decision on Permit Application:	Grant
Decision Date:	23 July 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 association's (Shepherd et al, 2001):	To clear up to 812 hectares of native vegetation within North West Coastal Hwy road reserve and adjoining pastoral leases for the purpose of road widening, access tracks, laydown areas, construction of temporary construction camps, gravel pits and bore sites.	Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994).	The amended application is to increase the clearing footprint and include a 300 metre buffer on either side of the centreline of North West Coastal Highway.
95. Hummock grasslands, shrub steppe; acacia and grevillea over <i>Triodia basedowii</i> .		To	
98. Hummock grasslands, shrub steppe; kanji over soft spinifex and <i>Triodia basedowii</i> .		Completely Degraded: No longer intact; completely/almost completely without native species (Keighery, 1994).	The condition of the vegetation under application was determined via biological surveys conducted by GHD in 2013 (GHD, 2013).
152. Hummock grasslands, grass steppe; soft and hard spinifex soft spinifex.			
264. Low woodland; <i>Acacia victoriae</i> and snakewood			
307. Low woodland; bowgada and <i>Acacia subtressarogona</i> .			
641. Medium woodland; coolabah and river gum.			
1162. Hummock grasslands, grass steppe; hard spinifex <i>Triodia wiseana</i> and <i>T. basedowii</i> .			
1322. Shrublands; <i>Acacia sclerosperma</i> , <i>A. victoriae</i> and snakewood scrub.			
1601. Mosaic: Shrublands; snakewood and <i>A. victoria</i> scrub / Hummock grasslands; grass steppe, hard spinifex, <i>Triodia basedowii</i> .			
2675. Hummock grasslands, low tree and shrub steppe; scattered eucalypts, kanji over <i>Triodia pungens</i> and <i>T. basedowii</i> .			

3. Assessment of application against clearing principles

Comments	<p>The application is to amend Clearing Permit CPS 6020/1 to increase the clearing footprint for additional access tracks, increase the size of the buffer along North West Coastal Highway reserve to 300 metres on either side of the centreline and include Lot 241 on Deposited Plan 21945, Minilya. The proposed amendment will not result in any clearing additional to the 812 hectares initially granted under Clearing Permit CPS 6020/1. It will however result in a larger clearing footprint area to increase the potential for finding suitable road building materials.</p> <p>The assessment against the clearing principles has not changed. The findings from the previous assessment are still relevant and can be found in Clearing Permit Decision Report CPS 6020/1.</p>
-----------------	---

Planning instruments and other relevant matters.

Comments	<p>The assessment against Planning and Other Matters has not changed and can be found in Decision Report CPS 6020/1.</p> <p>No public submissions have been received in relation to this application.</p>
-----------------	---

4. References

GHD (2013) Information supplied in support of clearing permit application CPS 6020/1, North West Coastal Highway, Prepared

for Main Roads WA (DER Ref: A730787)

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.