



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7231/3
Permit Holder:	Commissioner of Main Roads Western Australia
Duration of Permit:	From 20 November 2017 to 20 November 2027

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

ADVICE NOTE:

The funds referred to in condition 10 of this Permit are intended for the purchase of at least 254 hectares of native vegetation for conservation that:

- contains a high level of biological diversity;
- is significant as a remnant in an area that has been extensively cleared; and
- contains at least 155 hectares of vegetation representative of the Eucalypt Woodlands of the Western Australian Wheatbelt threatened ecological community.

1. Purpose for which clearing may be done

Clearing for the purpose of road construction and upgrades including associated activities.

2. Land on which clearing is to be done

PART LOT 1904 ON PLAN 228281, DALWALLINU
LOT M626 ON PLAN 3041, BINDI BINDI
LOT M624 ON PLAN 3041, BINDI BINDI
LOT M624 ON PLAN 3041, WALEBING
LOT M412 ON PLAN 3015, WALEBING
LOT M393 ON PLAN 3017, WALEBING
LOT M2136 ON DIAGRAM 24508, MILING
LOT M1560 ON DIAGRAM 7031, MILING
LOT M1488 ON DIAGRAM 6650, MILING
LOT M1487 ON DIAGRAM 6649, MILING
LOT M1330 ON PLAN 3041, BINDI BINDI
LOT M1146 ON DIAGRAM 4967, MILING
LOT 9 ON PLAN 7367, MILING
LOT 9889 ON PLAN 208166, NUGADONG
LOT 9888 ON PLAN 208166, NUGADONG
LOT 9888 ON PLAN 208166, WUBIN
LOT 97 ON PLAN 219806, WUBIN
LOT 9776 ON PLAN 28338, NUGADONG
LOT 95 ON PLAN 201951, PITHARA
LOT 94 ON PLAN 191900, WUBIN
LOT 92 ON PLAN 202010, WUBIN
LOT 91 ON PLAN 142808, WUBIN
LOT 9002 ON PLAN 76386, DALWALLINU
LOT 9001 ON PLAN 72299, MILING

LOT 8 ON PLAN 7367, MILING
LOT 8 ON PLAN 229929, PITHARA
LOT 86 ON PLAN 184816, WUBIN
LOT 85 ON PLAN 4936, MILING
LOT 85 ON PLAN 184815, WUBIN
LOT 848 ON PLAN 58553, WALEBING
LOT 847 ON PLAN 58553, WALEBING
LOT 846 ON PLAN 58554, WALEBING
LOT 845 ON PLAN 58554, WALEBING
LOT 844 ON PLAN 58554, WALEBING
LOT 843 ON PLAN 58554, WALEBING
LOT 842 ON PLAN 58554, WALEBING
LOT 841 ON PLAN 58554, WALEBING
LOT 840 ON PLAN 58577, WALEBING
LOT 839 ON PLAN 58577, WALEBING
LOT 835 ON PLAN 58552, WALEBING
LOT 834 ON PLAN 58552, WALEBING
LOT 833 ON PLAN 58551, WALEBING
LOT 832 ON PLAN 58551, WALEBING
LOT 831 ON PLAN 58551, WALEBING
LOT 830 ON PLAN 58551, WALEBING
LOT 829 ON PLAN 58550, BINDI BINDI
LOT 828 ON PLAN 58550, BINDI BINDI
LOT 827 ON PLAN 58550, BINDI BINDI
LOT 826 ON PLAN 58550, BINDI BINDI
LOT 825 ON PLAN 58549, BINDI BINDI
LOT 824 ON PLAN 58549, BINDI BINDI
LOT 823 ON PLAN 58546, BINDI BINDI
LOT 822 ON PLAN 58546, BINDI BINDI
LOT 821 ON PLAN 58547, BINDI BINDI
LOT 820 ON PLAN 58547, BINDI BINDI
LOT 811 ON PLAN 73300, DALWALLINU
LOT 80 ON PLAN 33218, MILING
LOT 803 ON PLAN 58548, WALEBING
LOT 802 ON PLAN 58548, WALEBING
LOT 801 ON PLAN 73300, DALWALLINU
LOT 801 ON PLAN 58548, WALEBING
LOT 800 ON PLAN 58548, WALEBING
LOT 7 ON PLAN 7367, MILING
LOT 7 ON PLAN 229929, PITHARA
LOT 7827 ON PLAN 150499, WUBIN
LOT 7707 ON PLAN 148396, WUBIN
LOT 7706 ON PLAN 148396, NUGADONG
LOT 70 ON PLAN 142810, WUBIN
LOT 6 ON PLAN 7367, MILING
LOT 6 ON PLAN 229929, PITHARA
LOT 69 ON PLAN 142810, WUBIN
LOT 65 ON PLAN 136032, WUBIN
LOT 64 ON PLAN 136031, WUBIN
LOT 616 ON PLAN 24599, DALWALLINU
LOT 607 ON PLAN 221059, DALWALLINU
LOT 603 ON PLAN 221059, DALWALLINU
LOT 602 ON PLAN 221059, DALWALLINU
LOT 601 ON PLAN 221059, DALWALLINU
LOT 5 ON PLAN 7367, MILING
LOT 5 ON PLAN 47978, DALWALLINU
LOT 5 ON PLAN 229929, PITHARA

LOT 5 ON PLAN 14334, WALEBING
LOT 599 ON PLAN 194975, DALWALLINU
LOT 598 ON PLAN 194974, DALWALLINU
LOT 597 ON PLAN 194974, DALWALLINU
LOT 594 ON PLAN 220542, DALWALLINU
LOT 563 ON PLAN 182912, DALWALLINU
LOT 562 ON PLAN 182912, DALWALLINU
LOT 55 ON DIAGRAM 63363, WALEBING
LOT 54 ON PLAN 232215, WUBIN
LOT 534 ON PLAN 247895, WALEBING
LOT 51 ON PLAN 229919, WUBIN
LOT 51 ON DIAGRAM 98174, DALWALLINU
LOT 512 ON PLAN 400056, BINDI BINDI
LOT 50 ON PLAN 69362, PITHARA
LOT 50 ON PLAN 232215, WUBIN
LOT 50 ON PLAN 229919, WUBIN
LOT 508 ON PLAN 400053, BINDI BINDI
LOT 502 ON PLAN 401294, WALEBING
LOT 502 ON PLAN 400051, MILING
LOT 501 ON PLAN 77608, WUBIN
LOT 501 ON PLAN 58637, WUBIN
LOT 500 ON PLAN 77608, WUBIN
LOT 500 ON PLAN 58637, WUBIN
LOT 500 ON PLAN 401293, WALEBING
LOT 500 ON PLAN 400049, MILING
LOT 500 ON PLAN 3989, WUBIN
LOT 4 ON PLAN 7367, MILING
LOT 4 ON DIAGRAM 28767, MILING
LOT 49 ON PLAN 232215, WUBIN
LOT 49 ON PLAN 229919, WUBIN
LOT 4310 ON PLAN 32955, WALEBING
LOT 4309 ON PLAN 32955, WALEBING
LOT 4248 ON PLAN 194903, MARNE
LOT 4247 ON PLAN 194903, PITHARA
LOT 4159 ON DIAGRAM 9954, MILING
LOT 3 ON PLAN 9461, MARNE
LOT 3 ON PLAN 7367, MILING
LOT 3 ON PLAN 229929, PITHARA
LOT 3 ON DIAGRAM 28767, MILING
LOT 39 ON PLAN 91958, NUGADONG
LOT 39 ON PLAN 229929, PITHARA
LOT 397 ON PLAN 172714, DALWALLINU
LOT 3954 ON PLAN 175371, MILING
LOT 394 ON PLAN 170882, DALWALLINU
LOT 38 ON PLAN 229929, PITHARA
LOT 3848 ON PLAN 4938, MILING
LOT 37 ON PLAN 229929, PITHARA
LOT 36 ON PLAN 229929, PITHARA
LOT 3695 ON PLAN 254434, WALEBING
LOT 3655 ON PLAN 142427, WUBIN
LOT 35 ON PLAN 229929, PITHARA
LOT 351 ON PLAN 302626, MILING
LOT 34 ON PLAN 23866, WALEBING
LOT 34 ON PLAN 229929, PITHARA
LOT 33 ON PLAN 23866, WALEBING
LOT 33 ON PLAN 229929, PITHARA
LOT 3328 ON PLAN 228282, DALWALLINU

LOT 31 ON PLAN 23866, WALEBING
LOT 30 ON PLAN 43661, DALWALLINU
LOT 301 ON PLAN 300375, PITHARA
LOT 301 ON PLAN 194974, DALWALLINU
LOT 300 ON PLAN 300375, PITHARA
LOT 300 ON PLAN 194974, DALWALLINU
LOT 2 ON PLAN 9461, PITHARA
LOT 2 ON PLAN 7367, MILING
LOT 2 ON PLAN 26251, MARNE
LOT 2 ON PLAN 229929, PITHARA
LOT 2 ON DIAGRAM 63363, WALEBING
LOT 2 ON DIAGRAM 14975, MILING
LOT 29 ON PLAN 43661, DALWALLINU
LOT 2725 ON PLAN 87387, MARNE
LOT 2706 ON PLAN 88314, PITHARA
LOT 269 ON PLAN 209477, DALWALLINU
LOT 2690 ON PLAN 229801, PITHARA
LOT 2509 ON PLAN 228280, DALWALLINU
LOT 24 ON PLAN 229929, PITHARA
LOT 23 ON PLAN 229929, PITHARA
LOT 2321 ON PLAN 228280, NUGADONG
LOT 22 ON PLAN 229929, PITHARA
LOT 21 ON PLAN 229929, PITHARA
LOT 2053 ON PLAN 228280, NUGADONG
LOT 204 ON PLAN 400053, BINDI BINDI
LOT 202 ON PLAN 400051, MILING
LOT 200 ON PLAN 400049, MILING
LOT 1 ON PLAN 9461, PITHARA
LOT 1 ON PLAN 229929, PITHARA
LOT 1 ON DIAGRAM 79610, MILING
LOT 1 ON DIAGRAM 27737, WALEBING
LOT 1 ON DIAGRAM 14204, MILING
LOT 19 ON PLAN 229929, PITHARA
LOT 1979 ON PLAN 142042, NUGADONG
LOT 1925 ON PLAN 228283, PITHARA
LOT 1911 ON PLAN 228282, DALWALLINU
LOT 1907 ON PLAN 228281, DALWALLINU
LOT 18 ON PLAN 229929, PITHARA
LOT 1894 ON PLAN 228280, NUGADONG
LOT 1889 ON PLAN 228280, NUGADONG
LOT 1885 ON PLAN 228281, DALWALLINU
LOT 1884 ON PLAN 228280, DALWALLINU
LOT 17 ON PLAN 85707, PITHARA
LOT 17 ON PLAN 229919, WUBIN
LOT 17 ON DIAGRAM 38157, MILING
LOT 178 ON PLAN 209477, DALWALLINU
LOT 16 ON PLAN 229919, WUBIN
LOT 1694 ON PLAN 131632, WALEBING
LOT 1543 ON PLAN 127481, PITHARA
LOT 1541 ON PLAN 228234, MARNE
LOT 1541 ON PLAN 228234, PITHARA
LOT 13 ON PLAN 229919, WUBIN
LOT 12 ON PLAN 229919, WUBIN
LOT 1286 ON PLAN 127501, PITHARA
LOT 1284 ON PLAN 127610, PITHARA
LOT 1283 ON PLAN 127500, DALWALLINU
LOT 11 ON PLAN 229919, WUBIN

LOT 114 ON PLAN 229929, PITHARA
LOT 110 ON PLAN 229929, PITHARA
LOT 10 ON PLAN 229919, WUBIN
LOT 107 ON PLAN 148398, WUBIN
LOT 1079 ON PLAN 148312, PITHARA
LOT 106 ON PLAN 184154, PITHARA
LOT 1050 ON PLAN 202006, PITHARA
LOT 104 ON PLAN 69362, PITHARA
LOT 1035 ON PLAN 201951, PITHARA
LOT 102 ON PLAN 73304, MILING
LOT 102 ON PLAN 29447, PITHARA
LOT 102 ON PLAN 184154, PITHARA
LOT 101 ON PLAN 73304, MILING
LOT 100 ON DIAGRAM 9973, MILING
MELBOURNE LOCATION 3847, MILING
ROAD RESERVE - 11706850, NUGADONG
RAILWAY RESERVE, PITHARA
ROAD RESERVE - 11706856, PITHARA
ROAD RESERVE - 11715595, PITHARA
ROAD RESERVE - 1258360, PITHARA
ROAD RESERVE - 11288337, DALWALLINU
ROAD RESERVE - 11409752, DALWALLINU
ROAD RESERVE - 11409751, DALWALLINU
ROAD RESERVE - 11409750, DALWALLINU
ROAD RESERVE - 11288326, PITHARA
ROAD RESERVE - 11288323, PITHARA
ROAD RESERVE - 11424552, PITHARA
ROAD RESERVE - 11288324, PITHARA
ROAD RESERVE - 1258358, PITHARA
ROAD RESERVE - 1258361, PITHARA
ROAD RESERVE - 1258365, DALWALLINU
ROAD RESERVE - 11715593, DALWALLINU
ROAD RESERVE - 11715590, DALWALLINU
ROAD RESERVE - 11288327, DALWALLINU
RAILWAY RESERVE, DALWALLINU
ROAD RESERVE - 1258350, DALWALLINU
ROAD RESERVE - 1258366, DALWALLINU
ROAD RESERVE - 11288328, DALWALLINU
ROAD RESERVE - 1258364, DALWALLINU
CLOSED ROAD, DALWALLINU
ROAD RESERVE - 11288340, NUGADONG
ROAD RESERVE - 11708951, PITHARA
ROAD RESERVE - 11288338, DALWALLINU
ROAD RESERVE - 11424547, PITHARA
ROAD RESERVE - 11288339, NUGADONG
ROAD RESERVE - 11424551, PITHARA
ROAD RESERVE - 11288336, DALWALLINU
ROAD RESERVE - 11424546, PITHARA
ROAD RESERVE - 11409779, DALWALLINU
ROAD RESERVE - 11708956, PITHARA
ROAD RESERVE - 11409781, DALWALLINU
ROAD RESERVE - 11409782, DALWALLINU
ROAD RESERVE - 11424539, PITHARA
ROAD RESERVE - 1338697, DALWALLINU
ROAD RESERVE - 11288334, DALWALLINU
ROAD RESERVE - 11409784, DALWALLINU
ROAD RESERVE - 11288335, DALWALLINU

ROAD RESERVE - 11431344, DALWALLINU
ROAD RESERVE - 11409753, DALWALLINU
ROAD RESERVE - 11409797, DALWALLINU
ROAD RESERVE - 11409796, DALWALLINU
ROAD RESERVE - 11409783, DALWALLINU
ROAD RESERVE - 11431338, DALWALLINU
ROAD RESERVE - 11409785, DALWALLINU
ROAD RESERVE - 11409798, DALWALLINU
ROAD RESERVE - 11409790, DALWALLINU
ROAD RESERVE - 11409769, DALWALLINU
ROAD RESERVE - 11409799, DALWALLINU
ROAD RESERVE - 1337864, DALWALLINU
ROAD RESERVE - 1181667, DALWALLINU
ROAD RESERVE - 11288332, DALWALLINU
ROAD RESERVE - 1337868, DALWALLINU
ROAD RESERVE - 11288329, DALWALLINU
ROAD RESERVE - 11409775, DALWALLINU
ROAD RESERVE - 11431334, DALWALLINU
ROAD RESERVE - 11431337, DALWALLINU
ROAD RESERVE - 11409774, DALWALLINU
ROAD RESERVE - 11288341, NUGADONG
ROAD RESERVE - 11409772, DALWALLINU
ROAD RESERVE - 11728871, NUGADONG
ROAD RESERVE - 11706965, WUBIN
UNALLOCATED CROWN LAND, DALWALLINU
RAILWAY RESERVE, NUGADONG
ROAD RESERVE - 11288342, NUGADONG
ROAD RESERVE - 11424550, PITHARA
ROAD RESERVE - 11450435, NUGADONG
ROAD RESERVE - 11450425, NUGADONG
ROAD RESERVE - 11450426, NUGADONG
ROAD RESERVE - 11263840, PITHARA
ROAD RESERVE - 11709537, PITHARA
ROAD RESERVE - 11706792, WUBIN
ROAD RESERVE - 11288343, WUBIN
ROAD RESERVE - 11707298, NUGADONG
RAILWAY RESERVE, WUBIN
ROAD RESERVE - 11708955, PITHARA
ROAD RESERVE - 11704726, WUBIN
ROAD RESERVE - 11288321, WUBIN
ROAD RESERVE - 11706785, WUBIN
ROAD RESERVE - 11707297, WUBIN
UNALLOCATED CROWN LAND, WUBIN
ROAD RESERVE - 1239270, WUBIN
ROAD RESERVE - 11288344, WUBIN
ROAD RESERVE - 11288361, WUBIN
ROAD RESERVE - 11467620, WUBIN
ROAD RESERVE - 11288358, WUBIN
ROAD RESERVE - 11288357, WUBIN
ROAD RESERVE - 11288345, WUBIN
ROAD RESERVE - 11706786, WUBIN
ROAD RESERVE - 11288362, WUBIN
ROAD RESERVE - 11706794, WUBIN
ROAD RESERVE - 11707286, DALWALLINU
ROAD RESERVE - 11708954, PITHARA
ROAD RESERVE - 11410060, PITHARA
ROAD RESERVE - 11410061, PITHARA

ROAD RESERVE - 11707228, PITHARA
ROAD RESERVE - 11707279, PITHARA
ROAD RESERVE - 11707268, MILING
ROAD RESERVE - 11708118, MILING
ROAD RESERVE - 11290858, MILING
ROAD RESERVE - 11708558, MILING
ROAD RESERVE - 11290856, MILING
ROAD RESERVE - 11453284, MILING
ROAD RESERVE - 11290852, MILING
ROAD RESERVE - 11290851, MILING
ROAD RESERVE - 11290882, BINDI BINDI
ROAD RESERVE - 11290892, BINDI BINDI
ROAD RESERVE - 11676150, MILING
ROAD RESERVE - 11290867, MILING
ROAD RESERVE - 11290860, MILING
ROAD RESERVE - 11290865, MILING
ROAD RESERVE - 11290863, MILING
ROAD RESERVE - 11719792, BINDI BINDI
ROAD RESERVE - 11290891, BINDI BINDI
ROAD RESERVE - 11290883, BINDI BINDI
ROAD RESERVE - 11290864, MILING
ROAD RESERVE - 11290868, MILING
ROAD RESERVE - 11290890, BINDI BINDI
ROAD RESERVE - 1170982, BINDI BINDI
ROAD RESERVE - 11290884, BINDI BINDI
ROAD RESERVE - 11290885, WALEBING
ROAD RESERVE - 11290886, WALEBING
ROAD RESERVE - 11290887, WALEBING
ROAD RESERVE - 11296194, WALEBING
ROAD RESERVE - 11296193, WALEBING
ROAD RESERVE - 11296196, WALEBING
ROAD RESERVE - 11296195, WALEBING
ROAD RESERVE - 11296192, WALEBING
ROAD RESERVE - 11296197, WALEBING
ROAD RESERVE - 11275855, WALEBING
ROAD RESERVE - 11275847, WALEBING
ROAD RESERVE - 11275844, WALEBING
ROAD RESERVE - 11275848, WALEBING
ROAD RESERVE - 11275846, WALEBING
ROAD RESERVE - 11275857, WALEBING
ROAD RESERVE - 1319072, WALEBING
ROAD RESERVE - 11296191, WALEBING
ROAD RESERVE - 11275856, WALEBING
ROAD RESERVE - 11296189, WALEBING
ROAD RESERVE - 11275850, WALEBING
ROAD RESERVE - 11275851, WALEBING
ROAD RESERVE - 11275852, WALEBING
ROAD RESERVE - 11296190, WALEBING
ROAD RESERVE - 11428664, WALEBING

3. Area of clearing

- (a) The Permit Holder must not clear more than 68.5 hectares of native vegetation within the combined areas cross-hatched yellow on attached Plan 7231/3a, Plan 7231/3b, Plan 7231/3c, Plan 7231/3d, Plan 7231/3e, Plan 7231/3f, Plan 7231/3g, Plan 7231/3h and Plan 7231/3i.
- (b) The clearing of 68.5 hectares of native vegetation must not include more than:
 - (i) 30 hectares of Carnaby's cockatoo (*Calyptorhynchus latirostris*) habitat being the native vegetation mapped as Carnaby's cockatoo habitat in a shapefile provided to the Department on 8 September 2017; and
 - (ii) 15 hectares of the Eucalypt Woodlands of the Western Australian Wheatbelt threatened ecological community being the native vegetation mapped as the community in a shapefile provided to the Department on 30 May 2017.

4. Period within which clearing is authorised

The Permit Holder shall not clear any native vegetation after 30 June 2022.

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 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 activities under the *Main Roads Act 1930* or any other written law.

7. Weed management

When undertaking any clearing 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 combined areas cross-hatched yellow on attached Plan 7231/3a, Plan 7231/3b, Plan 7231/3c, Plan 7231/3d, Plan 7231/3e, Plan 7231/3f, Plan 7231/3g, Plan 7231/3h and Plan 7231/3i;
- (b) clean earth-moving machinery of soil and vegetation prior to entering within 50 metres of Nugadong Nature Reserve;
- (c) clean earth-moving machinery of soil and vegetation prior to entering within 50 metres of Crown Reserve 15867;
- (d) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (e) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

8. Flora management

- (a) Prior to undertaking any clearing of Population 3 of *Eremophila pinnatifida*, the Permit Holder must:
 - (i) obtain approval of a translocation site for salvaged topsoil from the Department of Biodiversity, Conservation and Attractions; and
 - (ii) provide to the *CEO* the size and location of the approved translocation site recorded as a shapefile consisting of polygons using the Geocentric Datum Australia 1994 (GDA94) coordinate system
- (b) When undertaking clearing of Population 3 of *Eremophila pinnatifida*, the Permit Holder must salvage the topsoil and translocate it to the approved translocation site.

- (c) Post translocation of Population 3 of *Eremophila pinnatifida*, the Permit Holder must monitor both the translocation site and the original site of Population 3 to record:
 - (i) the number of any germinants of *Eremophila pinnatifida*;
 - (ii) the location of each germinant of *Eremophila pinnatifida* recorded using a GPS unit set to GDA94, expressing the geographical coordinates in Eastings and Northings or decimal degrees;
 - (iii) the health of each germinant of *Eremophila pinnatifida*;
 - (iv) the extent of *weed* cover within 50 metres of each germinant of *Eremophila pinnatifida* recorded as a percentage;
 - (v) any threats to the survival of each germinant of *Eremophila pinnatifida*; and
 - (vi) a photo of each germinant of *Eremophila pinnatifida*.
- (d) The monitoring required by condition 8(c) must be undertaken on a biannual basis for a period of at least five years.
- (e) The Permit Holder must remove or kill any *weeds* growing at both the translocation site and the original site of Population 3 of *Eremophila pinnatifida* on a biannual basis for a period of at least five years post translocation. A permit to take declared rare flora pursuant to section 23F of the *Wildlife Conservation Act 1950* must be obtained with the specific purpose of undertaking weed control, before any weed control activities using herbicides occurs at these sites.
- (f) Any *weed* control undertaken to meet the requirements of condition 8(e) must not include the use of any herbicide that would likely inhibit the germination of *Eremophila pinnatifida*.

9. Offset

The Permit Holder must fund the purchase of the area cross-hatched red on attached Plan 7231/3j for inclusion in the conservation estate managed by the Department of Biodiversity, Conservation and Attractions.

10. Offset

Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall provide funding of \$175,260 to the Department for the purpose of establishing or maintaining native vegetation.

11. Record keeping

The Permit Holder must maintain the following records:

- (a) In relation to clearing:
 - (i) the date that clearing commenced;
 - (ii) the size and location where clearing of Carnaby's cockatoo habitat occurred recorded as a shapefile consisting of polygons using the GDA94 coordinate system;
 - (iii) the size and location where clearing of the Eucalypt Woodlands of the Western Australian Wheatbelt threatened ecological community occurred recorded as a shapefile consisting of polygons using the GDA94 coordinate system;
 - (iv) the date that clearing of Population 3 of *Eremophila pinnatifida* occurred;
 - (v) the size and location where topsoil was removed from Population 3 of *Eremophila pinnatifida* recorded as a shapefile consisting of polygons using the GDA94 coordinate system; and
 - (vi) the date that Population 3 of *Eremophila pinnatifida* was translocated.
- (b) In relation to condition 8:
 - (i) A report documenting the information recorded by each monitoring event as required by conditions 8(c) and 8(d); and
 - (ii) A report documenting the methods and results of each *weed* control event as required by conditions 8(e) and 8(f).

12. 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 11 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 has been undertaken, a written report confirming that no clearing under this Permit has been undertaken, must be provided to the *CEO* on or before 30 June of each year.
- (c) Prior to 20 August 2027, the Permit Holder must provide to the *CEO* a written report of records required under condition 11 of this Permit where these records have not already been provided under condition 12(a) of this Permit.
- (d) On or before 30 June of each year post translocation of Population 3 of *Eremophila pinnatifida*, the Permit Holder must provide to the Species and Communities Branch of the Department of Biodiversity, Conservation and Attractions a written report of records required under condition 11(b) of this Permit.

Definitions

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

CEO means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

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; 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 Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

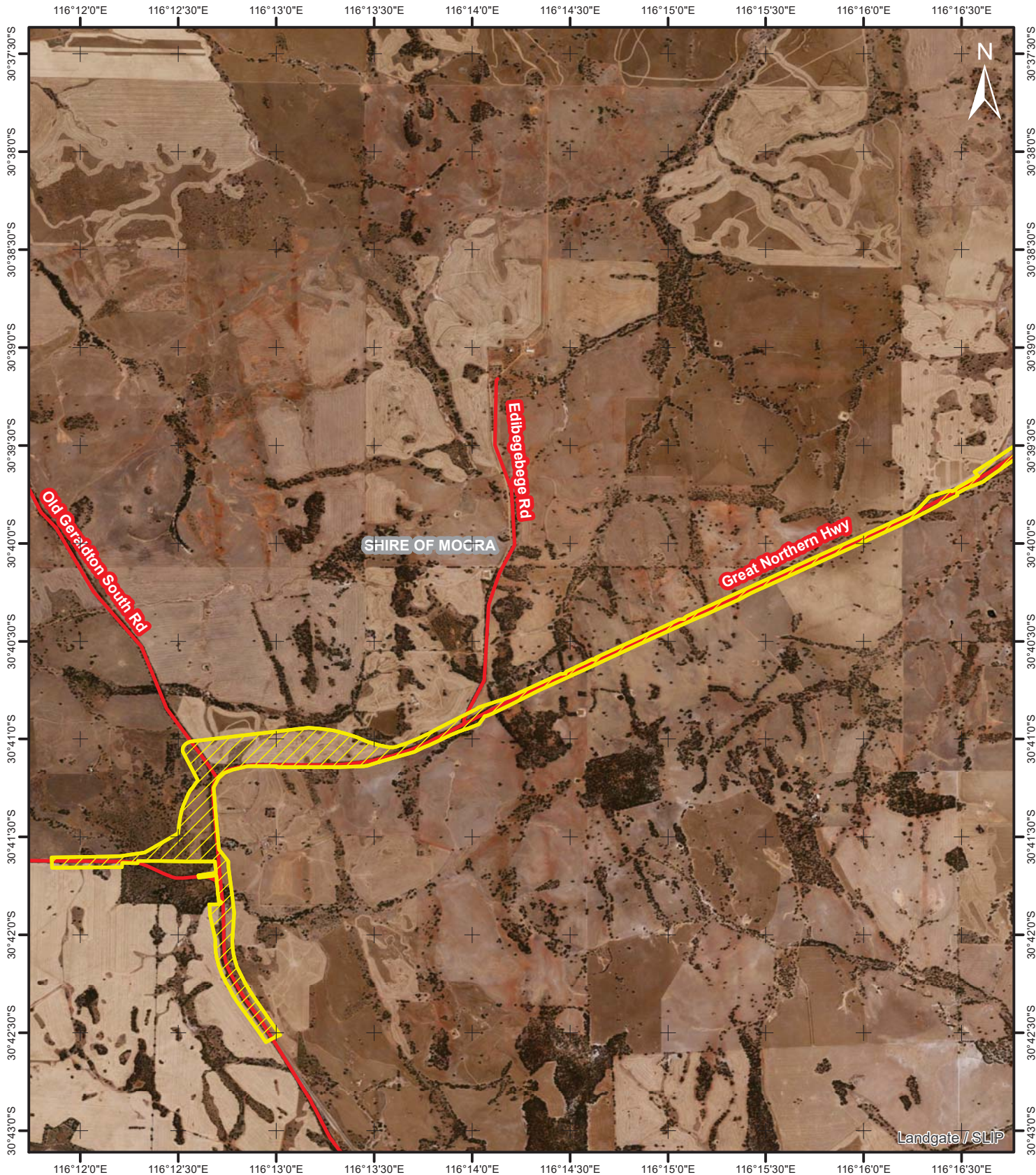


Mathew Gannaway
SENIOR MANAGER
NATIVE VEGETATION REGULATION

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

22 February 2019

Plan 7231/3a



Legend


 Areas approved to clear

 Roads

 Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

 Red: Band_1

 Green: Band_2

 Blue: Band_3

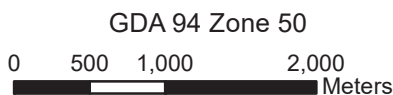


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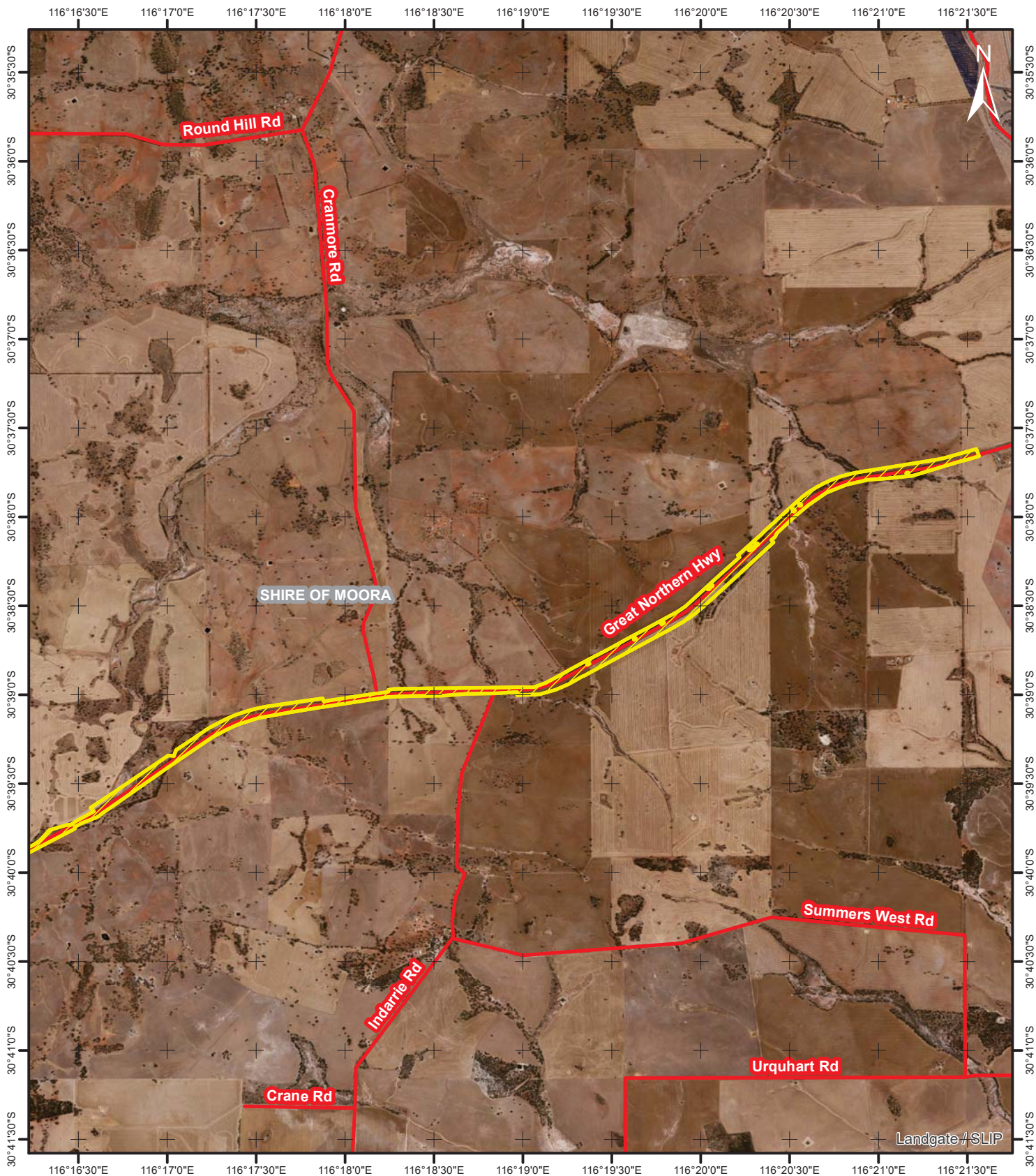


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WESTERN AUSTRALIA
WA Crown Copyright 2019

Plan 7231/3b



Legend


 Areas approved to clear

 Roads

 Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

 Red: Band_1

 Green: Band_2

 Blue: Band_3



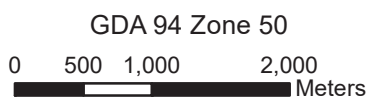
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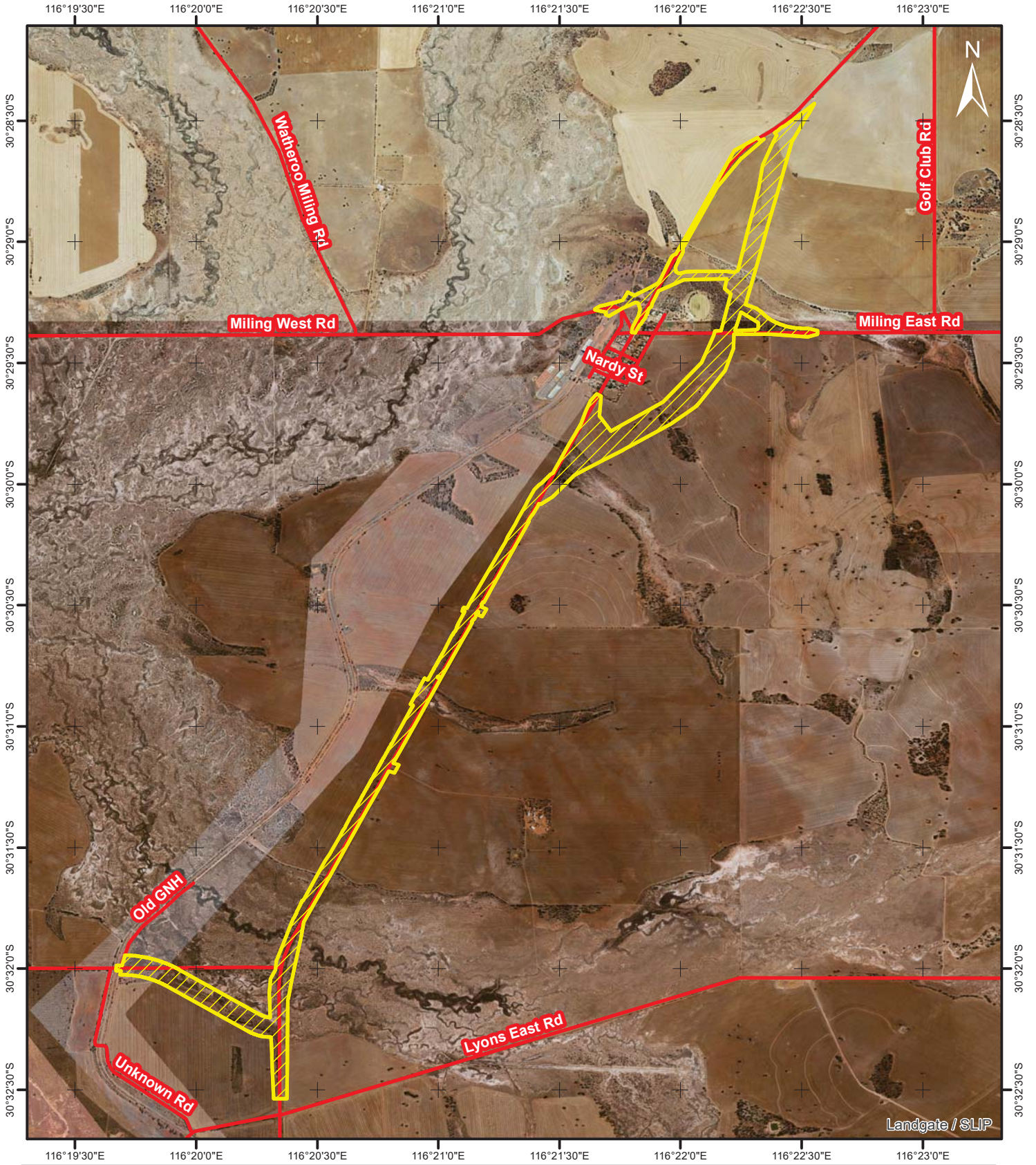
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WESTERN AUSTRALIA
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Plan 7231/3c



Legend

-  Areas approved to clear
-  Roads
-  Local Government Authorities

Landgate_Subscription_ImageryWANow

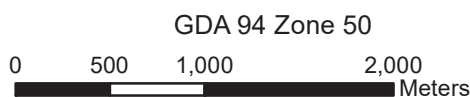
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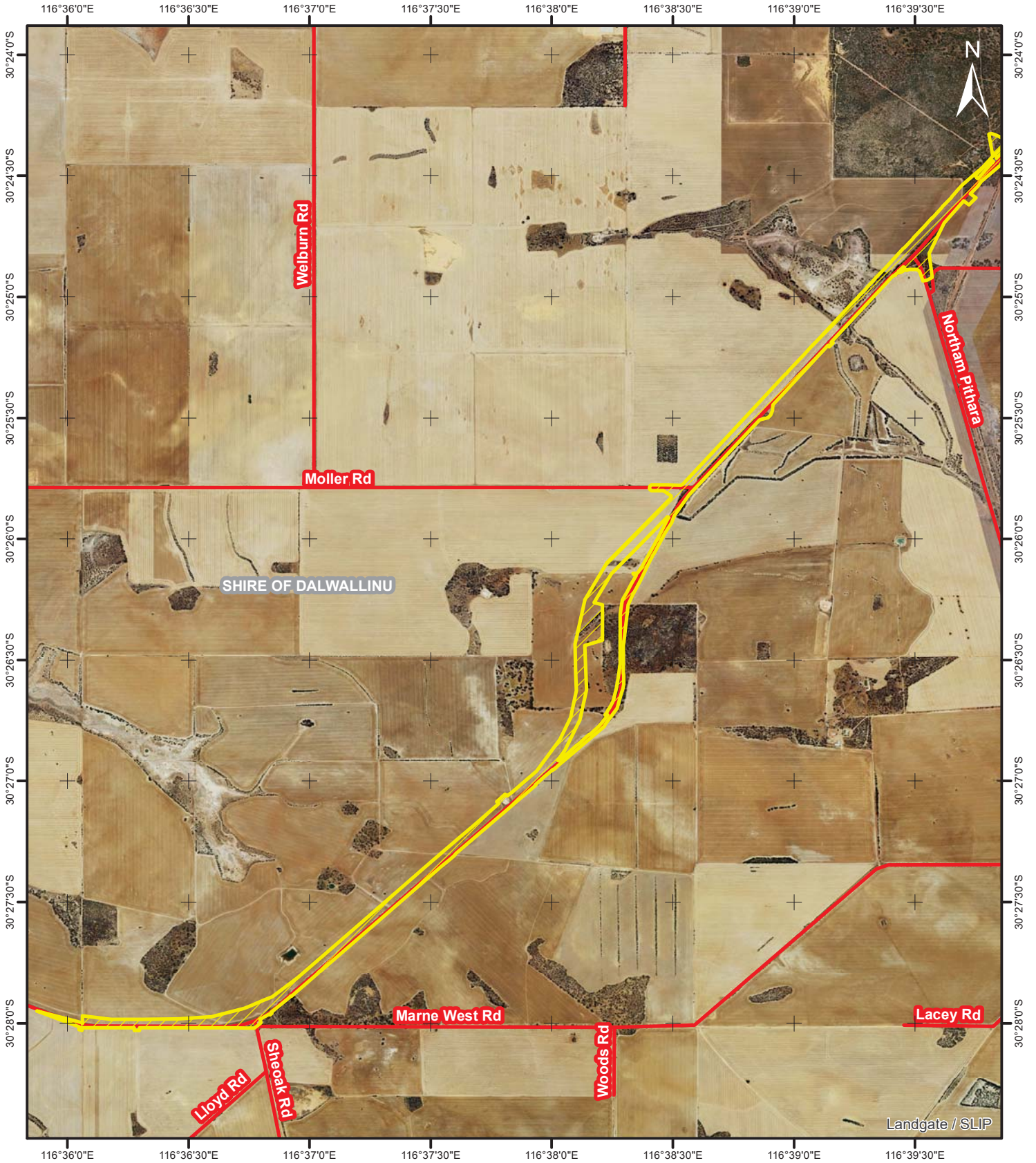
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WESTERN AUSTRALIA
WA Crown Copyright 2019

Landgate / SLIP

Plan 7231/3d



Legend

Areas approved to clear

Roads

Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

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Green: Band_2

Blue: Band_3

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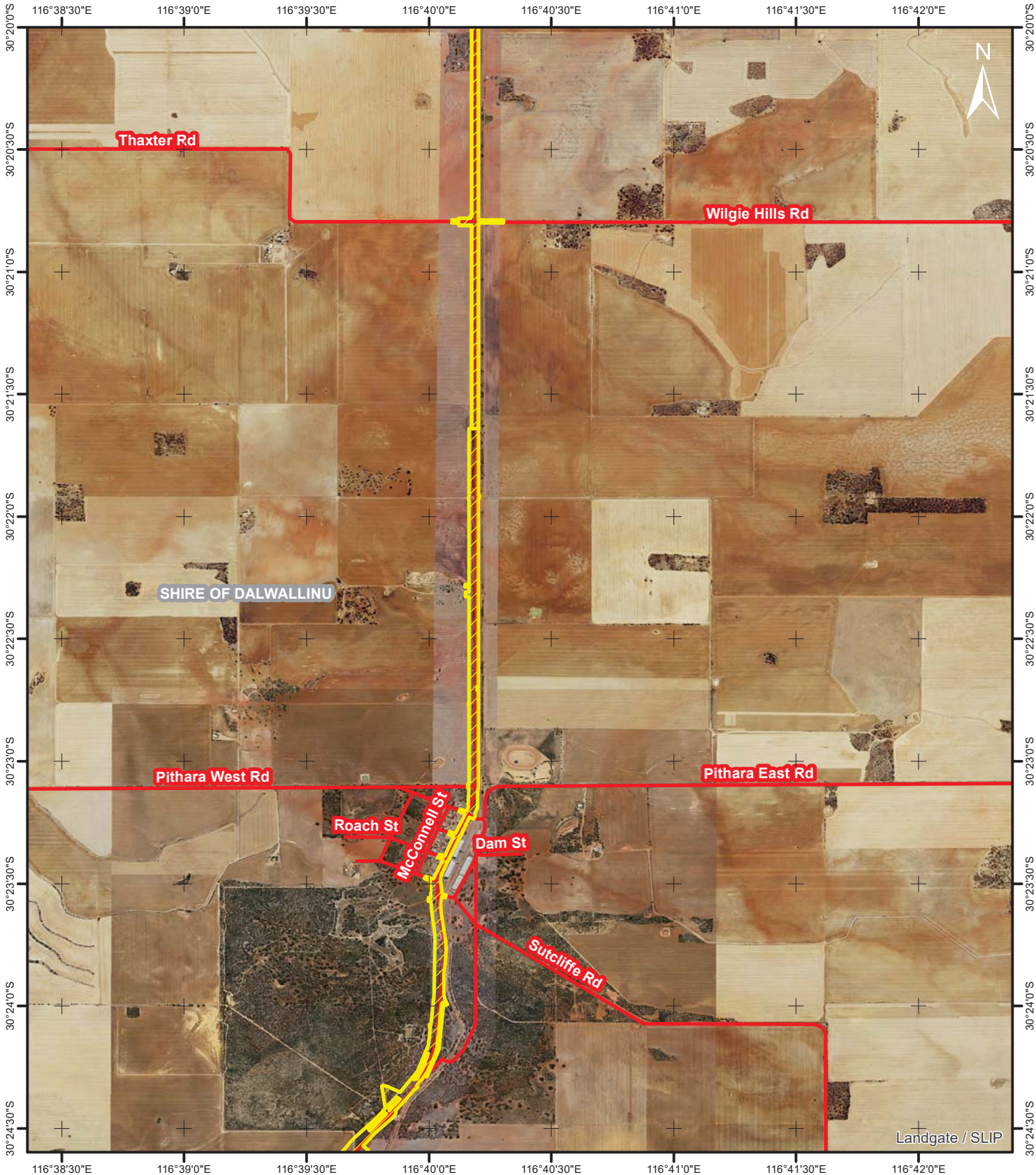


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WESTERN AUSTRALIA
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Plan 7231/3e



Legend

Areas approved to clear

Roads

Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

Red: Band_1

Green: Band_2

Blue: Band_3

Mathew Gannaway

2019.02.22

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GDA 94 Zone 50

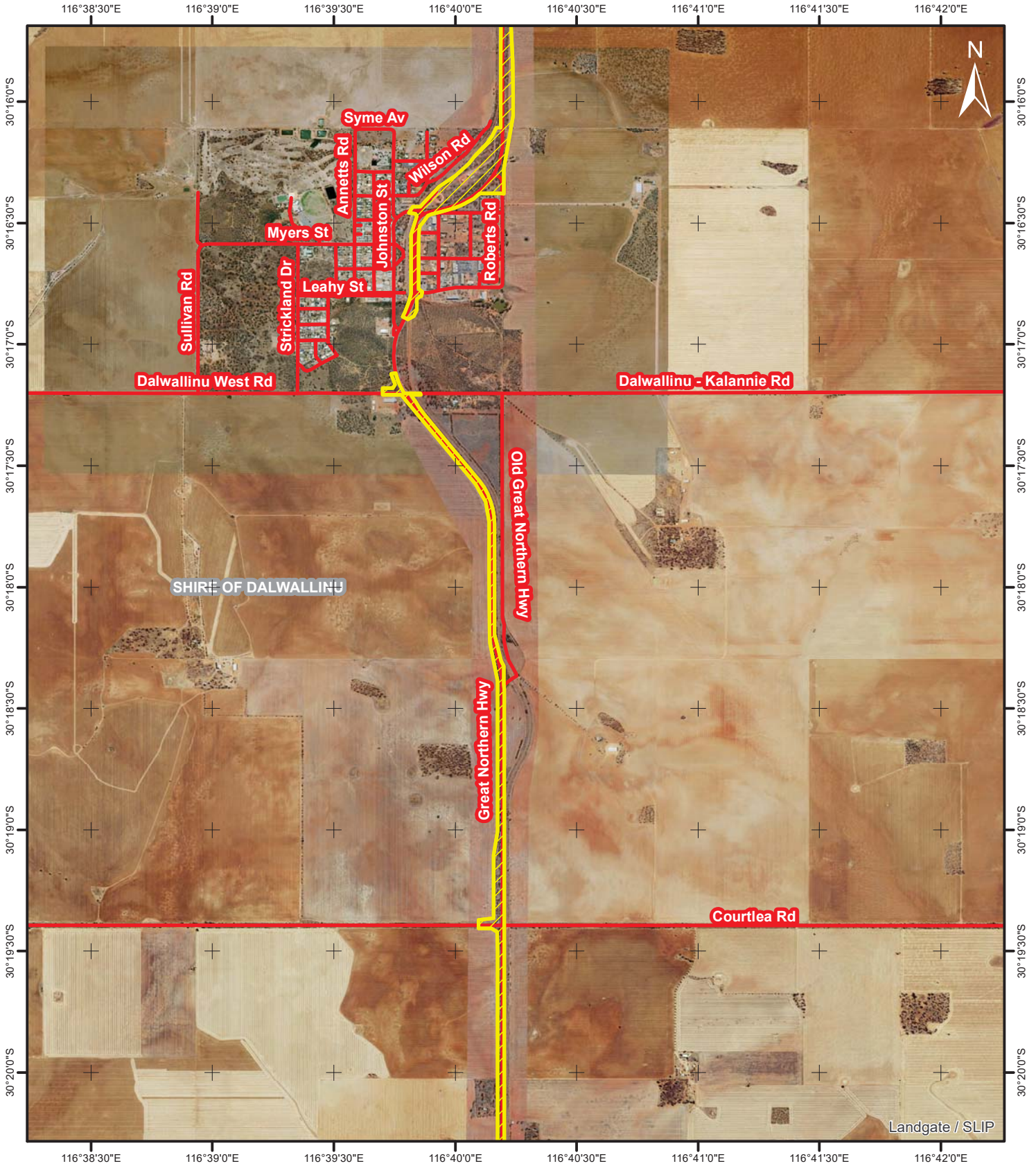


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Plan 7231/3f



Legend


 Areas approved to clear

 Roads

 Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

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 Green: Band_2

 Blue: Band_3



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GDA 94 Zone 50

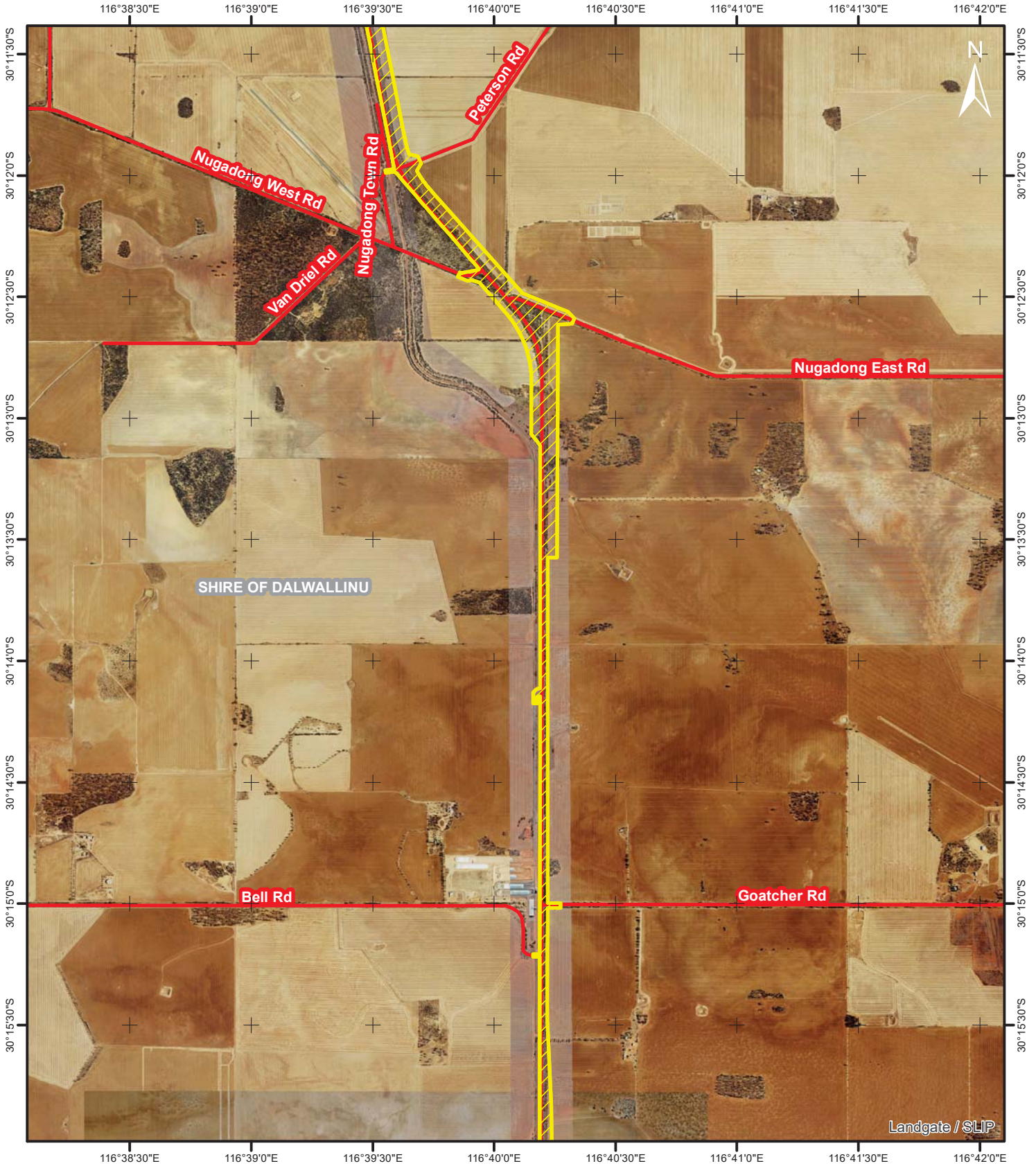
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WESTERN AUSTRALIA
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Plan 7231/3g



Legend


 Areas approved to clear


 Roads

 Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

 Red: Band_1

 Green: Band_2

 Blue: Band_3



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GDA 94 Zone 50

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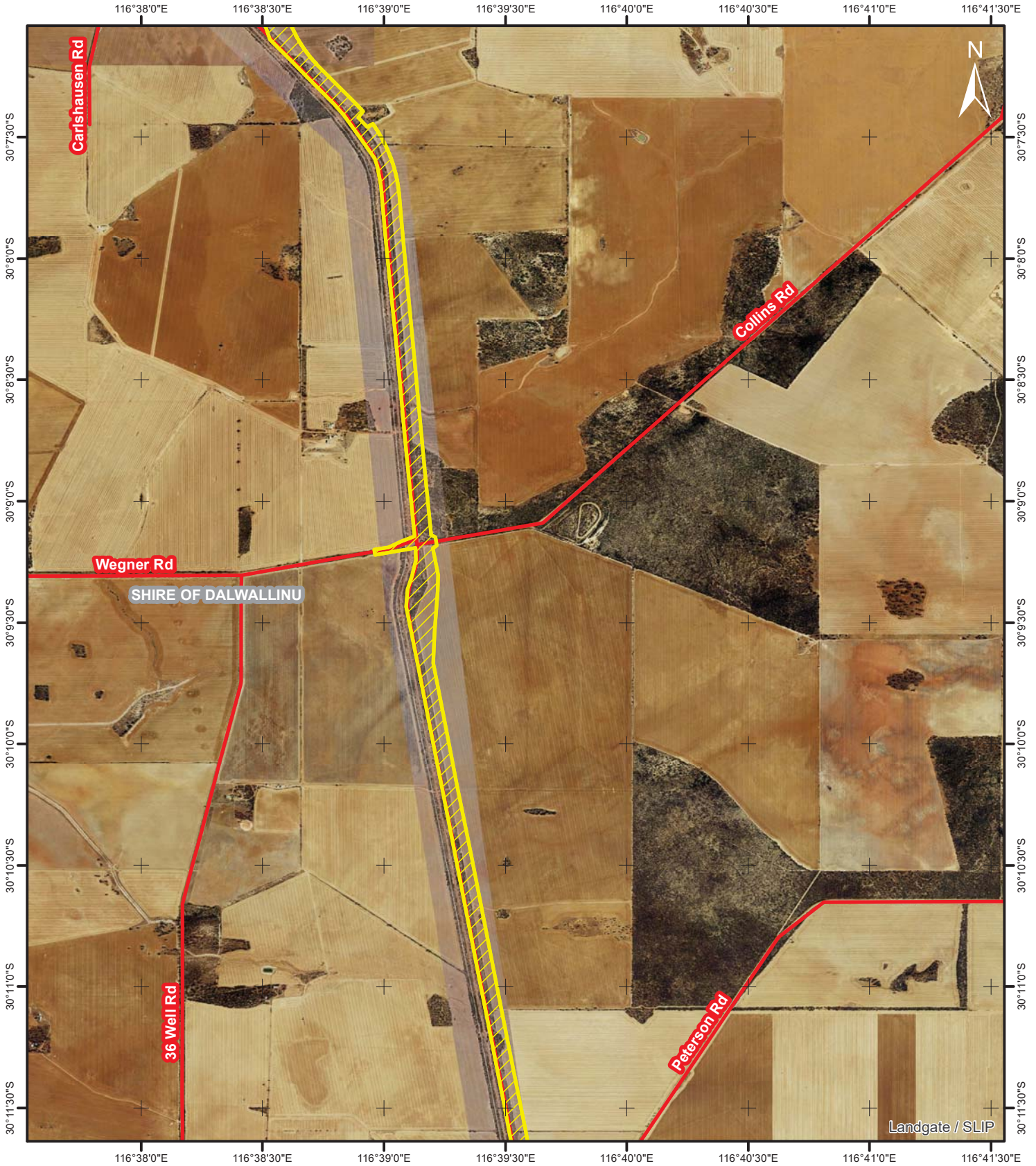


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WESTERN AUSTRALIA
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Plan 7231/3h



Legend


 Areas approved to clear


 Roads

 Local Government Authorities

Landgate_Subscription_ImageryWANow

RGB

 Red: Band_1

 Green: Band_2

 Blue: Band_3



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

GDA 94 Zone 50



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WESTERN AUSTRALIA
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Plan 7231/3i



Legend

-  Areas approved to clear
-  Roads
-  Local Government Authorities

Landgate_Subscription_Imagery\WANow

RGB

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



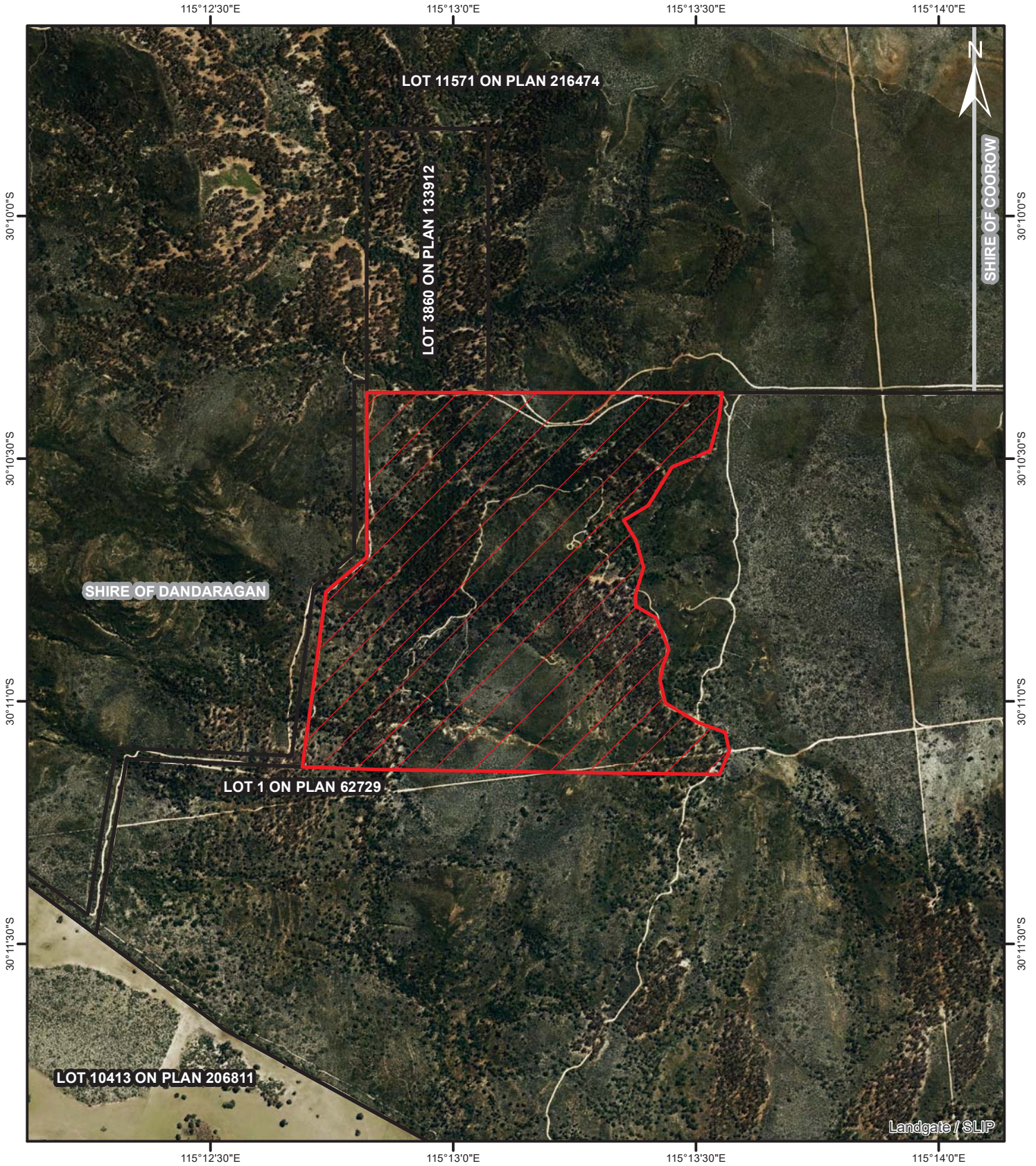
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GDA 94 Zone 50






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Plan 7231/3j



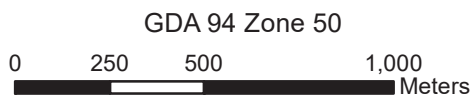
Legend

-  Areas subject to conditions
-  Cadastre, Land Tenure
-  Local Government Authorities

Landgate_Subscription_Imagery\WANow

RGB

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



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1. Application details

1.1. Permit application details

Permit application No.: 7231/3
Permit type: Purpose Permit
Application received date: 11 December 2018

1.2. Applicant details

Applicant's name: Commissioner of Main Roads Western Australia

1.3. Property details

Property: Various
Project name: Great Northern Highway Muchea to Wubin Upgrade Stage 2 (Walebing to Wubin)
Local Government Authority: Shire of Dalwallinu and Shire of Moora
Localities: Dalwallinu, Bindi Bindi, Walebing, Marne, Pithara, Nugadong, Miling and Wubin

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
68.5		Mechanical Removal	Road construction or upgrades

1.5. Decision on application

Decision on Permit Application: Amended
Decision Date: 22 February 2019
Reasons for Decision: Clearing Permit CPS 7231/2 has been amended to include an additional 0.032 hectare area within the authorised clearing boundaries. The size of clearing approved (i.e. 68.5 hectares) remains unchanged.

It is considered that the 0.032 hectare area does not contain any new or more important environmental values than those identified for the original authorised clearing boundaries. Therefore the assessment against the clearing principles remains unchanged. No other changes to the permit are considered necessary nor have any been made.

2. Site Information

Clearing Description: The proposed clearing of 68.5 hectares of native vegetation within an application area of approximately 830 hectares is for the purpose of upgrading Great Northern Highway between Walebing and Wubin. The application area can be divided into four sections; Walebing (SLK 147.7-165.6; Plan 7231/2a-b), Miling Bypass (SLK 177.5-186.7; Plan 7231/2c), Pithara (SLK 207.8-223.4; Plan 7231/2d-e) and Dalwallinu to Wubin (SLK 223.4-258; Plan 7231/2f-i). The application is part of a larger program of works to upgrade Great Northern Highway between Muchea and Wubin to national highway standards.

Vegetation Description: The application area intersects five mapped Beard vegetation associations:

- 7 – Medium woodland; York gum (*Eucalyptus loxophleba*) and wandoo
- 142 – Medium woodland; York gum and salmon gum
- 435 – Shrublands; *Acacia neurophylla*, *A. beauverdiana* and *A. resinimarginea* thicket
- 631 – Succulent steppe with woodland and thicket; York gum over *Melaleuca thyoides* and sapphire
- 1024 – Shrublands; mallee and casuarina thicket

Finer scale vegetation type mapping was commissioned by the applicant with recorded vegetation types then aligned to Beard vegetation association descriptions. This work resulted in the identification of vegetation consistent with 15 additional Beard vegetation associations (8, 35, 36, 141, 352, 354, 551, 676, 936, 946, 950, 1040, 1048, 1155, 1413) (Arup Jacobs Joint Venture, 2016; Phoenix Environmental Sciences, 2016b; Phoenix Environmental Sciences, 2016c).

Vegetation Condition: The condition of the vegetation within the application area is considered to be:

- Excellent: vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species;
- Very Good: vegetation structure altered; obvious signs of disturbance;
- Good: vegetation structure significantly altered by very obvious signs of multiple disturbance; retains basic structure or ability to regenerate;
- Degraded: basic vegetation structure severely impacted by disturbance; scope for regeneration but not to a state approaching Good condition without intensive management; and
- Completely Degraded: the structure of the vegetation is no longer intact and the area is completely or almost completely without native species (Keighery, 1994).

Vegetation condition was determined through flora surveys commissioned by the applicant (Phoenix Environmental Sciences, 2015; Phoenix Environmental Sciences, 2016a; Phoenix Environmental Sciences, 2016b; Phoenix Environmental Sciences, 2016c).

The applicant provided the following estimated breakdown of the proposed clearing in relation to vegetation condition (Main Roads Western Australia, 2017):

- Completely Degraded = 2 hectares
- Degraded = 29.5 hectares
- Good = 18.1 hectares
- Very Good = 16.5 hectares
- Excellent = 2.4 hectares



Figure 1: Map of Great Northern Highway upgrade project sections

3. Assessment of application against clearing principles

The applicant has advised that construction of the Pithara section of the project requires relocation of a pressurised pipe owned by the Water Corporation. It is understood that clearing of native vegetation to facilitate this relocation was accounted for in the original authorised clearing boundaries, however, now that construction has commenced it has been determined that the current boundaries do not provide sufficient space. Therefore the applicant is seeking to extend the boundaries to include a 0.032 hectare area to provide adequate, unencumbered working space such that construction of all elements of the project can be undertaken safely (Arup Jacobs Joint Venture, 2018).

No increase in the overall amount of clearing is required. A map of the additional clearing boundary is provided as Figure 2.

The additional clearing boundary has been identified to be in Good condition and to contain vegetation consistent with Beard vegetation association 36 (Arup Jacobs Joint Venture, 2018). The original authorised clearing boundaries included vegetation in the same condition and vegetation that also aligned with Beard vegetation association 36.

The applicant has advised that no threatened or priority flora have been recorded from the additional clearing boundary (Arup Jacobs Joint Venture, 2018). The previously recorded locations of *Eremophila pinnatifida* (threatened) are located more than 10 kilometres away.

The applicant has advised that the additional clearing boundary does not contain foraging or breeding habitat for Carnaby's cockatoo nor does it contain vegetation representative of a threatened ecological community (Arup Jacobs Joint Venture, 2018).

The additional clearing boundary contains vegetation significant as a remnant in an extensively cleared area but the size of clearing authorised will not increase. Therefore no substantial change to the related impacts are expected.



Figure 2. Additional clearing boundary (blue) in relation to original authorised clearing boundary (yellow).

The additional clearing boundary does not include vegetation growing in, or in association with a watercourse or wetland nor is it located within or adjacent to a conservation area.

The additional clearing boundary does not include vegetation considered any more important for preventing appreciable land degradation, water quality deterioration or flooding than that within the original authorised clearing boundaries. Therefore no substantial change to the related impacts are expected.

Given the above, the assessment against the clearing principles has not changed since the assessment for CPS 7231/1, and can be found in the Decision Report for CPS 7231/1.

Planning instruments and other relevant matters.

The application to amend was advertised on the Department of Water and Environmental Regulation's website for public submissions on 21 December 2018. The public submissions period closed 10 January 2019 with no submissions received.

The assessment against planning instruments and other relevant matters has not changed since the assessment for CPS 7231/1, and can be found in the Decision Report for CPS 7231/1.

4. References

- Arup Jacobs Joint Venture (2016). Great Northern Highway Muchea to Wubin Upgrade – Stage 2 – Main Roads Western Australia – Walebing to Wubin Purpose Permit to Clear Native Vegetation – Supporting Information. Unpublished report prepared for Main Roads Western Australia. Document Number GNH-CN00-EN01-RPT-0008, Revision 3, 3 August 2016 (DWER Ref: A1147192).
- Arup Jacobs Joint Venture (2018). Great Northern Highway Muchea to Wubin Upgrade – Stage 2 – Main Roads Western Australia – Walebing to Wubin – Environment – CPS 7231/2 Amendment – Supporting Information Document. Unpublished report prepared for Main Roads Western Australia. Document Number GNH-CN00-EN01-RPT-1004, Revision 4, 11 December 2018 (DWER Ref: A1747566).
- Keighery, B.J. (1994). Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Main Roads Western Australia (2017). Additional information supplied in relation to Clearing Permit application CPS 7231/1. Received 30 May 2017 (DWER Ref: A1441668).
- Phoenix Environmental Sciences (2015). Flora and fauna assessment for Lyons East Road to Gatti Road study area. Unpublished report prepared for Muchea to Wubin Integrated Project Team (Main Roads WA, Jacobs and Arup). Version 0, 26 August 2015 (DWER Ref: A1147192).
- Phoenix Environmental Sciences (2016a). Flora and fauna assessment for Calingiri to Wubin study areas – Great Northern Highway, Muchea to Wubin Upgrade Stage 2 Project. Unpublished report prepared for Muchea to Wubin Integrated Project Team (Main Roads WA, Jacobs and Arup). Version 0, 3 August 2016 (DWER Ref: A1147192).
- Phoenix Environmental Sciences (2016b). Flora and fauna and fauna assessment for the Lyons East Road to Gatti Road study area – Report Addendum – Great Northern Highway, Muchea to Wubin Upgrade Stage 2 Project. Unpublished report prepared for Muchea to Wubin Integrated Project Team (Main Roads WA, Jacobs and Arup). Version 0, 16 December 2016 (DWER Ref: A1396987).
- Phoenix Environmental Sciences (2016c). Flora and fauna assessment for the Calingiri to Wubin study areas – Report Addendum – Great Northern Highway, Muchea to Wubin Upgrade Stage 2 Project. Unpublished report prepared for Muchea to Wubin Integrated Project Team (Main Roads WA, Jacobs and Arup). Version 0, 20 December 2016 (DWER Ref: A1396988).