

APPENDIX A

Part 2: Figures 3-5 (part 2 of 8)

Figure 1 Proposal Area

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Figure 13 Geological Mapping (Environmental Geology Series of Bunbury - Burekup)

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Figure 16 North Collie Catchment Flood Depth 1 % AEP Pre-Development

Figure 17 Millars Creek Flood Depth 1 % AEP Pre-Development

Figure 18 Gavin's Gully Catchment Flood Depth 1 % AEP Pre-Development

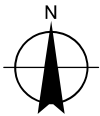
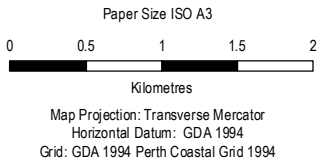
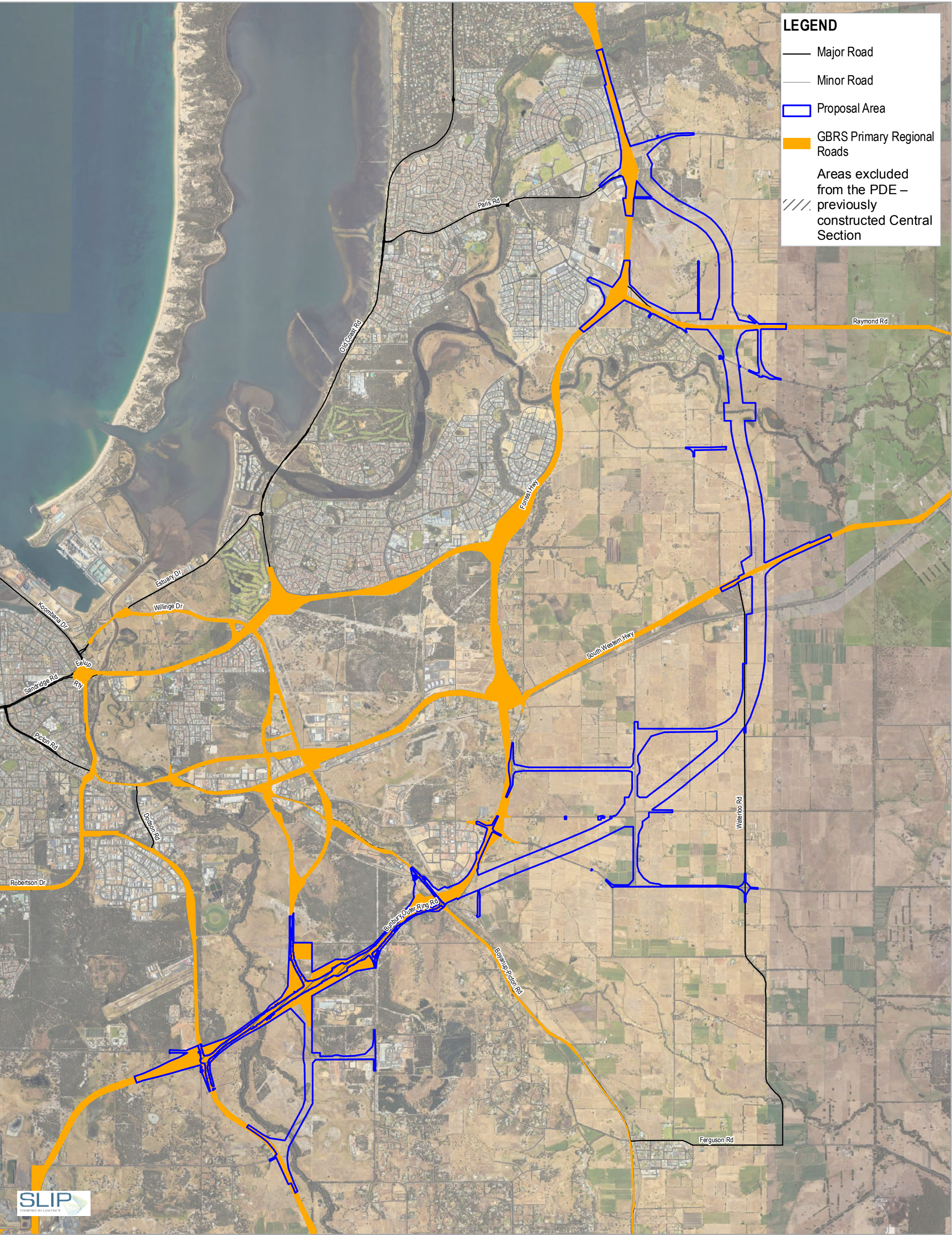
Figure 19 State Register and Municipal Inventory Places within 5 km of the Proposal Area

Figure 20 Existing land use

Figure 21 Forecast traffic noise $L_{Aeq, day}$ Existing 2018 noise levels at the most affected façade (dBA)

Figure 22 Forecast traffic noise $LA_{eq, day}$ Build 2041 noise levels at the most affected façade - No treatment

Figure 23 Forecast $LA_{eq, day}$ Build 2041 noise levels at the most affected façade - With barriers to meet the 60 dB noise limit at properties adversely affected by the new roads

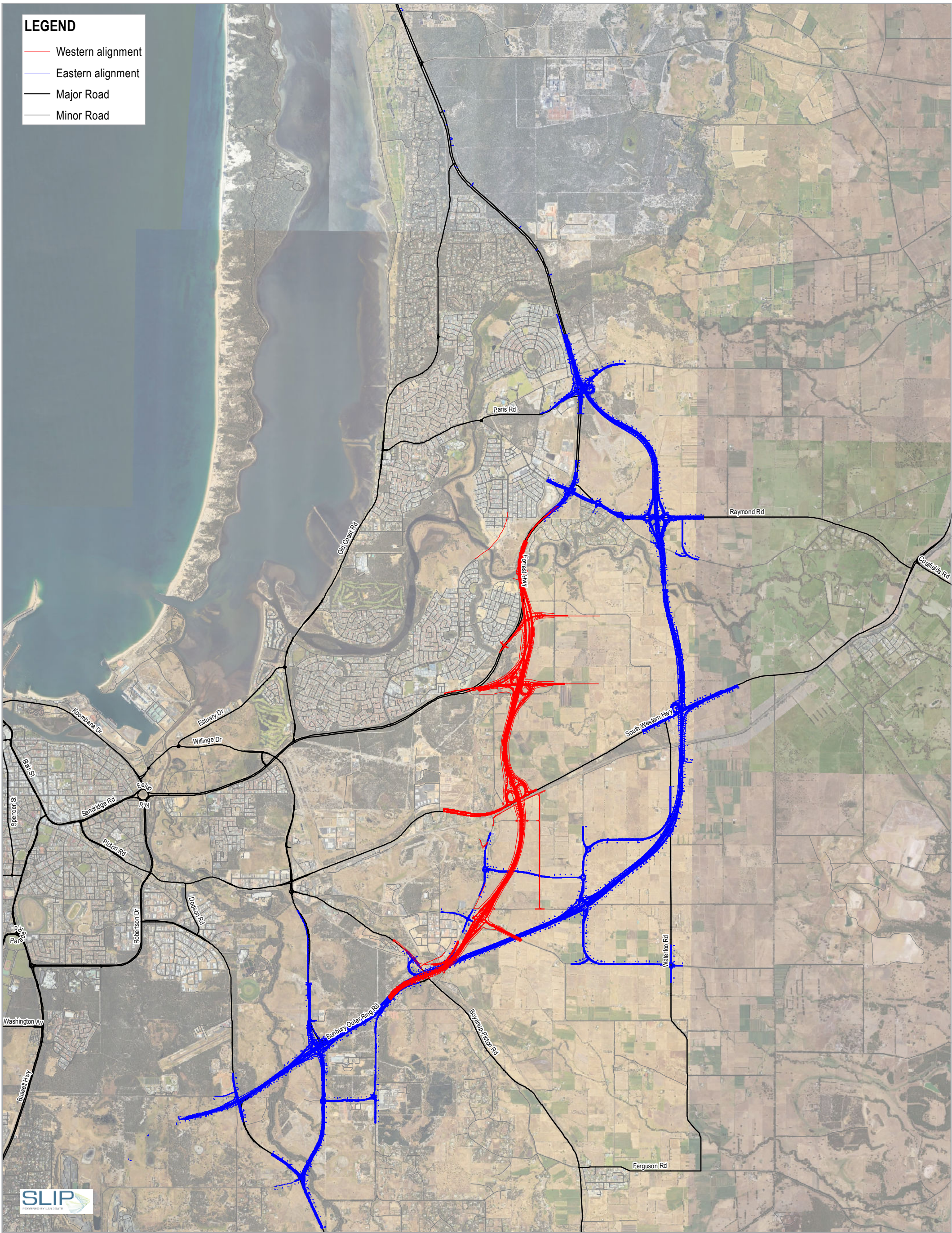


Main Roads Western Australia
Bunbury Outer Ring Road Northern and Central Section
Environmental Referral Supporting Document

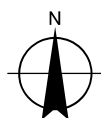
**Greater Bunbury Region Scheme (GBRS)
Regional Roads**

Project No. 61-37041
Revision No. 0
Date 09/05/2019

FIGURE 3



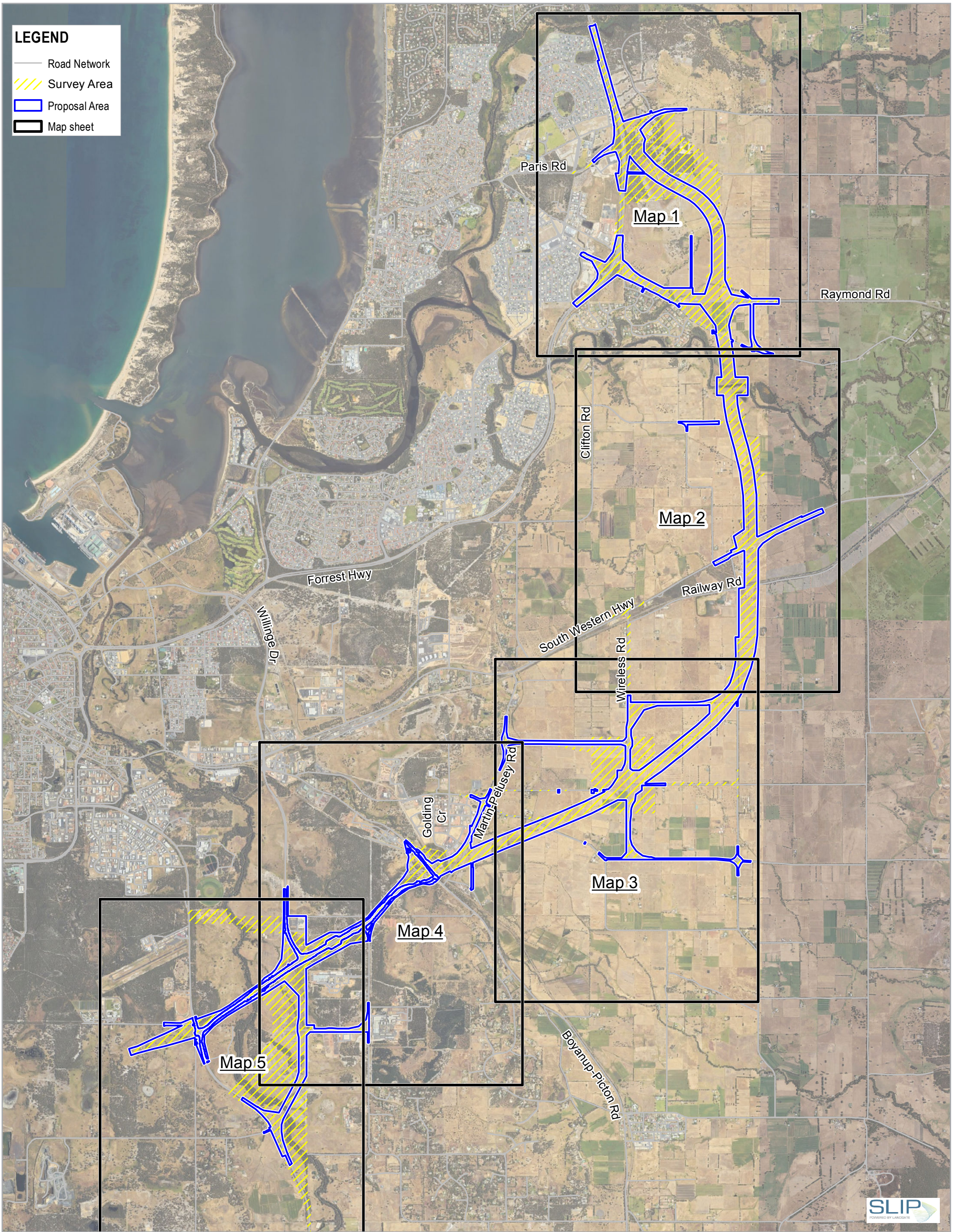
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Grid: GDA 1994 Perth Coastal Grid 1994



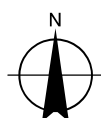
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Bunbury Outer Ring Road Northern and Central Section
Environmental Referral Supporting Document
**BORR Northern and Central Section
Alignment Options**

Project No. 61-37041
Revision No. 1
Date 09/05/2019

FIGURE 4



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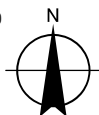
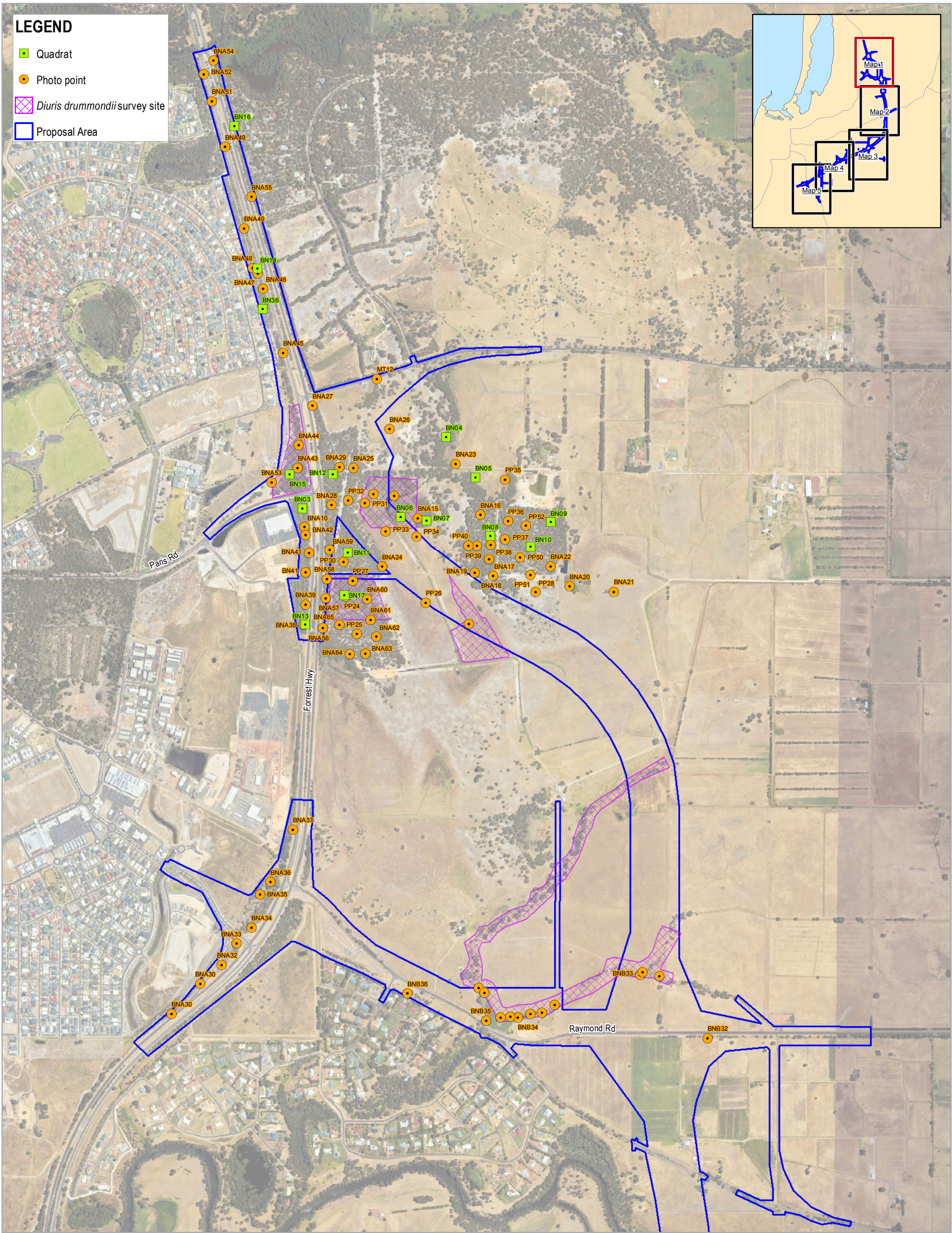


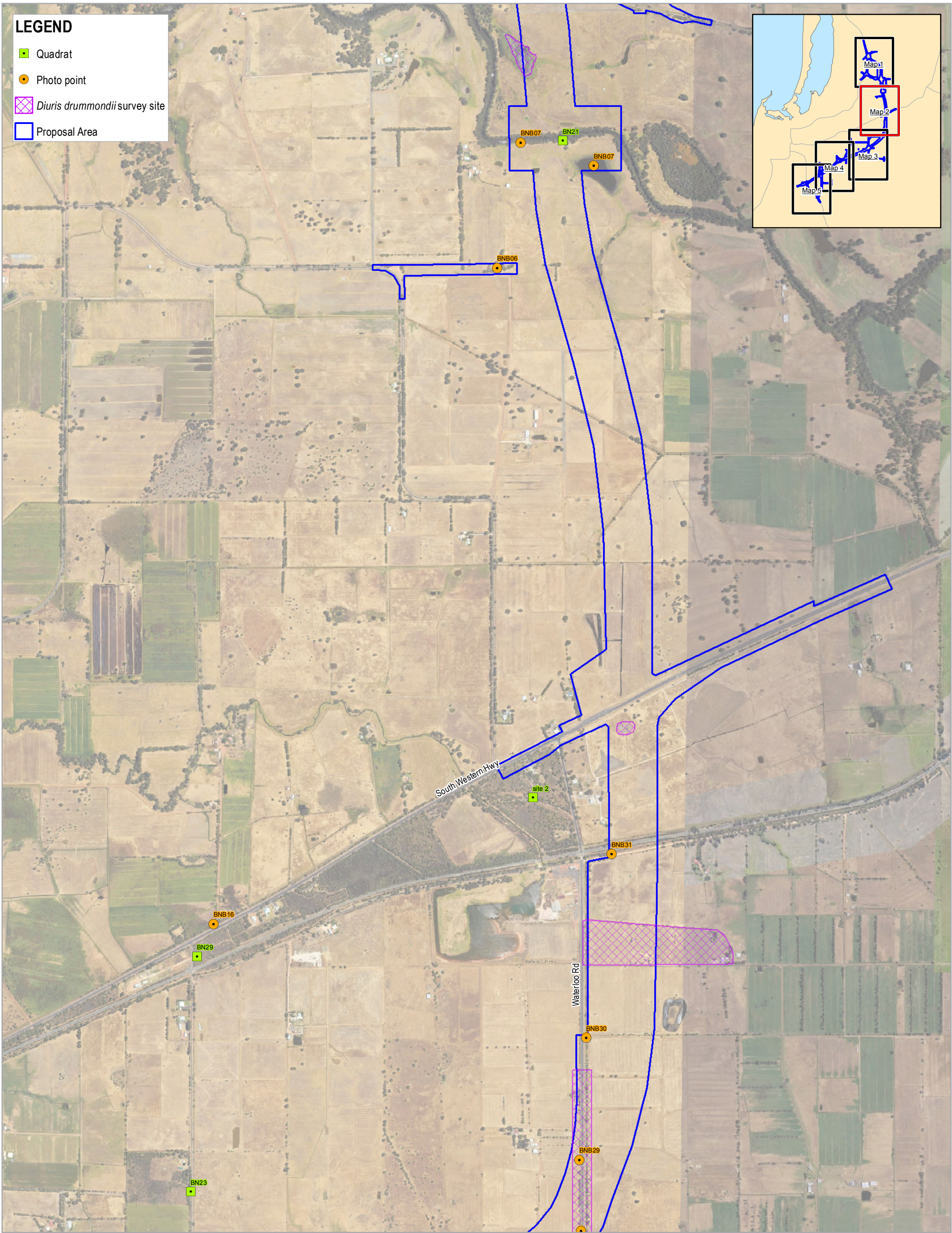
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Vegetation and Flora Survey Locations

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**FIGURE 5
OVERVIEW**





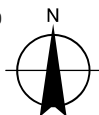
LEGEND

- Quadrat
- Photo point
- ▨ *Diuris drummondii* survey site
- Proposal Area



Paper Size ISO A3
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Meters

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 Perth Coastal Grid 1994



Main Roads Western Australia
Bunbury Outer Ring Road Northern and Central Section
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Vegetation and Flora Survey Locations

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FIGURE 5

